



Manitoba Model Forest Inc.



Black Lake. Nopimina Provincial Park

2011-12 Annual Work Plan For The Forest Communities Program

April 27, 2011

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1.0 Introduction

The Year 2011 has been declared the International Year of Forests by the United Nations. It is a year to celebrate our forest resources. It is also an opportunity to renew our commitment to preserve and sustainably manage our forest resources ... for all of our relations; the two legged, the winged ones, the crawling ones, the four legged, the plants, the trees and those that live in the water. Model Forests in Canada and around the world play an important role in being the drivers for change in sustaining forests and sustaining forest-based communities. This was articulated by Tom Rosser, Assistant Deputy Minister, Natural Resources Canada (Canadian Forest Service) in his address at the International Year of the Forest Launch Ceremony in New York City on February 2, 2011 (www.un.org/en/events/iyof2011/videos). The Manitoba Model Forest (MBMF) will use the 2011 International Year of the Forest as a platform to highlight our programs and to continue our progress in the areas of forest and forest community sustainability, and forest education.



This the 5th and final Annual Work Plan of the MBMF under the current 5-year Forest Communities Program (FCP) of the Canadian Forest Service. The work plan covers the period from April 1, 2011 to March 31, 2012. This work plan was approved by resolution of the MBMF Board of Directors on February 23, 2011 and the Canadian Forest Service on April 27, 2011.

The MBMF, a not-for-profit non-government organization located in the Province of Manitoba, has been a member of the Canadian Model Forest Network since its inception in 1992. The MBMF is also one of eleven sites in Canada chosen to participate in the FCP. The MBMF area encompasses approximately 1 million hectares of Boreal Shield landscape in eastern Manitoba. The 2011-12 annual work plan is based upon our 5 year Strategic Plan (November, 2007) and fulfills the four objectives of the FCP, which are: 1) to better equip forest-dependent communities to adapt to changing circumstances in the forest sector, 2) to provide for the development and adoption of better integrated landscape management decision making tools and processes, 3) to assist forest-based communities to diversify their economic base, and 4) to assist Canada in being known internationally for its sustainable natural resource management practices.

The FCP, the MBMF 5 Year Strategic Plan and our annual work plan address the significant challenges faced by rural, forest-based communities. The previous year (2010) was an extremely challenging year for the forest industry in Canada, and especially in our region. After taking market-related downtime in 2009, and then an employee lockout at the facility, the newsprint mill in Powerview-Pine was put up for sale by its owners, Tembec. A bid to purchase the mill by the employees was not successful, and no other buyers were found. This threw almost 600 mill and forestry workers out of work. The mill was closed permanently in 2010 and decommissioning of the facility is currently underway. A few employees remain to oversee the decommissioning and to complete forestry-related obligations. The closure had a significant impact not only on the employees, but also on the contractor workforce in the region and the community of Powerview-Pine Falls and the surrounding region. Many workers moved on to new careers. The newly formed Winnipeg River Learning Centre played (and continues to play) an important role in re-training and career development of former Tembec employees as well as others in the region.



The recovery from the global recession has been slow, and the MBMF has felt this in terms of reductions in funding to our organization of over the last 2 years. The loss of Tembec as a financial partner has reduced our ability to create and deliver important programs in the region. On a bright note however, is new funding available to the MBMF from Manitoba Conservation. While this new funding is contingent on the final approval of the provincial budget in March, 2011, we are confident at this time that the funding will be approved. We thank Manitoba Conservation for their support of our organization and programs.

Finally, we will continue to engage the mining industry in our programs. Mining and mineral exploration, especially for gold, is a vibrant industry in the MBMF area, and many of our programs fit very well with their industry. We will continue to pursue partnerships with the mining industry in 2011-12.

Our work plan is structured around 6 key program Theme Areas. The following is a brief summary of key proposed projects/activities or components under each Theme Area.

Administration

- Salaries
- Supplies and Services
- Travel
- Board Support

Forest Community Engagement and Capacity Building

- Community involvement in moose management
- Support of First Nation Traditional Area Advisory Committees
- Production of a trappers “best management practices” manual, involvement of trappers in a study of wolf diet, and creation of a new system of wildlife observation/documentation by trappers on trap lines
- Exploration with communities of alternate economic opportunities from the forest, including non-timber forest products, tourism and eco-tourism, guiding and outfitting, and value-added forest products. Support for training courses in NTFPs and the development of entrepreneurial businesses.
- Support for the creation of a parking lot, trailhead area and trail system at the Brokenhead Wetlands Ecological Reserve with Brokenhead Ojibway Nation (and other partners), and promotion of cultural tourism by the First Nation community

Integrated Landscape Management

- Woodland caribou research, management, mitigation planning and development of conservation strategies
- Implementation of a watershed monitoring project in western Manitoba
- Development of a provincial landscape design white paper for forest management planning
- Development of an educational DVD to demonstrate the forest succession process following a severe wind event (blow down event) and timber salvage harvesting in the Whiteshell Provincial Park
- Data on forest growth and health in the MBMF area

Education

- Educational activities to highlight the 2011 United Nations International Year of the Forest

- Support for training programming of the Winnipeg River Learning Centre
- Hosting a Junior Rangers program.
- Continuation of the Young Masters Program in Manitoba
- Education of private woodlot owners
- Piloting a new Climate Change Community Resilience guidebook, as part of a CMFN strategic initiative
- Development of a new forest-based outdoor education program in the Duck Mountains
- School programs and educational outreach

International Programs

- Completion of Phase I of an ethno-tourism project in collaboration with the Reventazon Model Forest (Costa Rica) and the Indigenous community of Jameikari

Communications and Outreach

- Production of newsletters and annual report
- Production of a “15 year achievements” book, as well as a FCP Achievements report
- Updating of the MBMF website
- Co-sponsorship of workshops and conferences
- Support of Canadian Model Forest Network and International Model Forest Network communications
- Production of a MBMF calendar, highlighting projects and natural landscapes in the MBMF area

The projects and activities are described in detail in Section 3.



2.0 Linkages Between Activities/Projects and Outputs/Outcomes

Each project identified in the 2011 - 12 work plan produces **outputs** (e.g., immediate information, products and services). Outputs in turn support the formation of **immediate outcomes** (a result from an output or combination of outputs in which the result is immediate and tangible). These immediate outcomes in turn 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. A generalized, conceptual framework of outputs and outcomes is found in the Logic Model (Appendix B) of our 5 Year Strategic Plan. As a way of measuring progress on outputs and outcomes, the MBMF has also developed a Performance Measurement Strategy that is found in Appendix C of our 5 Year Strategic Plan. Table 2.1 provides a summary of the outcomes and outputs for each project contained in our 2011 - 12 annual work plan based on the Performance Measurement Strategy.



Table 2.1 Summary of Outcomes and Outputs for Projects Contained in the 2011 - 12 Work Plan.

Intermediate Outcome	Immediate Outcome	Project	Outputs
Clear & Consistent Program Climate	Well planned program planning, management and accountability	Staff Salaries	<ul style="list-style-type: none"> ▪ 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
		Supplies and Services	<ul style="list-style-type: none"> ▪ Properly functioning MBMF office ▪ Insurance policies ▪ Financial audit
		Travel	<ul style="list-style-type: none"> ▪ Attendance/presence at MBMF, CMFN, NRCan-CFS and IMFN meetings, workshops and conferences

Intermediate Outcome	Immediate Outcome	Project	Outputs
Increased opportunities for communities to diversify economies	Increased engagement of communities in MBMF decision-making, projects and activities	Board Support	<ul style="list-style-type: none"> ▪ Board meeting minutes ▪ Approved Annual Work Plan ▪ Approved Annual Budget ▪ Approved 5 Year (2012-2017 Strategic Plan ▪ MBMF Policies and Procedures ▪ Program/Project Planning Documents
		Integrated Landscape Management Working Group Support	<ul style="list-style-type: none"> ▪ Program/Project Planning Documents ▪ Working Group Budgets ▪ PowerPoint presentations related to specific projects under the Working Group
		Education Working Group Support	<ul style="list-style-type: none"> ▪ Program/Project Planning Documents ▪ Working Group Budgets ▪ PowerPoint presentations related to specific projects under the Working Group
		Forest Community Engagement and Capacity Building Working Group Support	<ul style="list-style-type: none"> ▪ Program/Project Planning Documents ▪ Working Group Budgets ▪ PowerPoint presentations related to specific projects under the Working Group
		First Nations Local Involvement Committee	<ul style="list-style-type: none"> ▪ Meetings and meeting minutes of First Nation communities and the generation of ideas for projects
	Increased knowledge & understanding of alternative forest-based opportunities by communities	Alternative Economic Opportunities from the Forest	<ul style="list-style-type: none"> ▪ Hiring of a NTFP Coordinator ▪ Various training course on NTFPs ▪ Christmas fundraiser for local school focused on NTFPs

Intermediate Outcome	Immediate Outcome	Project	Outputs
Increased opportunities for communities to diversify economies (continued)	Increased knowledge & understanding of alternative forest-based opportunities by communities (continued)	Cultural and Nature-based Tourism in the Brokenhead Wetlands	<ul style="list-style-type: none"> ▪ Parking lot, trailhead and tail infrastructure at the Brokenhead Wetlands ▪ New interpretive materials ▪ Promotion of the wetlands
Enhanced participation of all stakeholders in integrated landscape management decision-making, improved policy making and planning	Increased generation of knowledge & tools for integrated landscape management	Caribou Management	<ul style="list-style-type: none"> ▪ Meeting minutes, budgets, project presentations ▪ Database on distribution and population status of various woodland caribou ranges in eastern Manitoba, including a new project area at Charron Lake ▪ Continued assessment of Owl Lake woodland caribou response to timber harvest in Experimental Harvest Area ▪ Analysis of adult female survival rates. Report to be completed at end of 5 year study ▪ Recruitment survey data analysis ▪ Continued data synthesis of multi-species and wolf aerial survey flights ▪ Implementation of management strategy for Atiko and Bloodvein woodland caribou ranges ▪ MSc thesis on calving site and nursery habitat for Owl Lake range ▪ MSc thesis on use of corridors by wolves ▪ Recommendations for caribou calving/nursery habitat protection ▪ Research proposal for Round and Berens sub-ranges ▪ Develop new issue of Atik News (newsletter)

Intermediate Outcome	Immediate Outcome	Project	Outputs
Enhanced participation of all stakeholders in integrated landscape management decision-making, improved policy making and planning (continued)	Increased generation of knowledge & tools for integrated landscape management (continued)	Climate Change	<ul style="list-style-type: none"> ▪ Draft Whiteshell Provincial Park protection plan ▪ Piloting of the new CMFN “Pathways to Climate Change Resilience” guidebook in communities
		Stakeholder-based Watershed Management in Western Manitoba	<ul style="list-style-type: none"> ▪ Planning meetings to develop a western MB water quality/quantity research framework and to implement the monitoring program ▪ Establishment of a monitoring network for river water quality/flow and precipitation ▪ Baseline water quantity data, precipitation data ▪ Year I report on the project
		Landscape Design	<ul style="list-style-type: none"> ▪ Forest Practices Committee meeting minutes ▪ Landscape design white paper
		Scenario Planning	<ul style="list-style-type: none"> ▪ Educational DVD depicting the effects of the Whiteshell Provincial Park wind storm ▪ Interpretive program for the model and DVD
		Nesting Requirements of Barred Owl in Manitoba	<ul style="list-style-type: none"> ▪ MSc thesis documenting nesting requirements in natural and managed forests

Intermediate Outcome	Immediate Outcome	Project	Outputs
Enhanced participation of all stakeholders in integrated landscape management decision-making, improved policy making and planning (continued)	Increased generation of knowledge & tools for integrated landscape management (continued)	Terrestrial Bio-monitoring	<ul style="list-style-type: none"> ▪ Database on changes in forest growth and health in 7 areas of the MBMF
		Committee for Cooperative Moose Management	<ul style="list-style-type: none"> ▪ CMM meeting minutes ▪ Management recommendations for moose in GHA 26 and 17A ▪ Moose and wolf population survey report ▪ Data on wolf diet in GHA 26 and 17A ▪ Partnership with East Side Road Authority and Mining Association of Manitoba
		Traditional Area Advisory Committees	<ul style="list-style-type: none"> ▪ Meetings and meeting minutes associated with the Hollow Water FN, Black River FN and Brokenhead Ojibway Nation 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.
		Trapper Involvement	<ul style="list-style-type: none"> ▪ Trapper BMP manual ▪ Wildlife observation/data collection system for trap lines, developed by local trappers ▪ Data on wolf diet in GHA 26 and 17A

Intermediate Outcome	Immediate Outcome	Project	Outputs
Enhanced participation of all stakeholders in integrated landscape management decision-making, improved policy making and planning (continued)	Accelerated and improved transfer of Knowledge and tools	Communication Strategy Implementation	<ul style="list-style-type: none"> ▪ Updated display materials ▪ MBMF annual report ▪ MBMF 15 year Achievements book ▪ MBMF FCP Achievements Report ▪ For All Our Relations newsletter ▪ Updated website ▪ Moose News and Atik News newsletters
		Communications Support	<ul style="list-style-type: none"> ▪ Hosting of forest tours ▪ Presence/attendance of MBMF partners at conferences and workshops ▪ Brokenhead Wetlands DVD ▪ Involvement in Canadian Model Forest Network and International Model Forest Network communications ▪ Various promotional materials ▪ MBMF 18 month calendar

Intermediate Outcome	Immediate Outcome	Project	Outputs
Better informed public regarding natural resource management issues	Enhanced & diversified opportunities for education and training	Winnipeg River Learning Centre	<ul style="list-style-type: none"> ▪ Completion of major renovations to the WRLC facility, which will substantially decrease operating costs ▪ Funding proposals ▪ Promotional materials ▪ Meetings of the WRLC Advisory Board & Executive ▪ Delivery numerous training programs, including electrical, carpentry, health care, human resource management, para-educator, NTFPs, etc. ▪ Participate in Eastern Manitoba Career Fair
		Junior Rangers	<ul style="list-style-type: none"> ▪ Junior Rangers program ▪ Training of 12-16 students ▪ Training certificates ▪ Program planning meetings and meeting minutes, including meetings with individual communities ▪ Program evaluation document

Intermediate Outcome	Immediate Outcome	Project	Outputs
Better informed public regarding natural resource management issues (continued)	Enhanced understanding of natural resource management by educators, students and the general public	Natural Resource Management Curriculum	<ul style="list-style-type: none"> ▪ Workshop presentations to students in Faculty of Education from both major Universities ▪ Field tour for beginning teachers to create awareness of the role of science in forest management ▪ Downloadable mini-lesson plans on MBMF website ▪ Forest-based outdoor education program in the Duck Mountains of western Manitoba

Intermediate Outcome	Immediate Outcome	Project	Outputs
Better informed public regarding natural resource management issues (continued)	Enhanced understanding of natural resource management by educators, students and the general public (continued)	Woodlot Education	<ul style="list-style-type: none"> ▪ Regional workshops, bus tours and field/forest days involving local woodlot owners/ farmers/ landowners ▪ Handout information on BMP's, woodlot management, sustainable harvesting, tree planting, tree diseases, tree maintenance, biodiversity, wildlife benefits, soil and water conservation. ▪ Media coverage in local newspaper ▪ Landowners will learn about other organizations involved sustainable forestry practices such the Woodlot Association of Manitoba, Manitoba Christmas Tree Growers Association, Manitoba Forestry Association, and the Manitoba Model Forest. ▪ 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
		Climate Change	<ul style="list-style-type: none"> ▪ Draft Whiteshell Provincial Park protection plan

Intermediate Outcome	Immediate Outcome	Project	Outputs
Better informed public regarding natural resource management issues (continued)	Enhanced understanding of natural resource management by educators, students and the general public (continued)	Education for Sustainable Development	<ul style="list-style-type: none"> ▪ Hosting of Regional Envirothon in MBMF area ▪ 2011 Provincial Envirothon ▪ Forest Ed initiative for teachers ▪ Summer Institute for science teachers ▪ Presentations on MBMF projects and initiatives to MBMF region schools ▪ Natural Resource management workshop at provincial Special Area Groups (SAG) teacher conference ▪ Presentation of the MBMF program at various conferences and workshops ▪ Forest tours for schools and other groups ▪ Young Masters Program ▪ Enhancements/upgrades to MBMF Demonstration Trail ▪ Screening of the movie “Play Again” in schools and community centres across the MBMF area
Strengthened and committed partnerships on natural resource management issues and opportunities at local, national and international levels	Increased collaboration with regional, national and international partners	Ethno-tourism in Costa Rica	<ul style="list-style-type: none"> ▪ Community and project partner meetings in Costa Rica ▪ Completion of community infrastructure upgrades, including 2 cabins in the community ▪ Completion of community training program ▪ Materials for promotion of the new eco-tourism business

Intermediate Outcome	Immediate Outcome	Project	Outputs
Strengthened and committed partnerships on natural resource management issues and opportunities at local, national and international levels	Increased collaboration with regional, national and international partners (continued)	Canadian Model Forest Network	<ul style="list-style-type: none"> ▪ Participate in CMFN Climate Change Strategic Initiative ▪ Development of partnerships focused on woodland caribou, with 4 other Model Forests

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 2011-12 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
Forest Community Engagement and Capacity Building
Integrated Landscape Management
Education
International Programs
Communications and Outreach

Management and Administration: This area of our program includes provisions for staff salaries and contracts, supplies and services (e.g., financial audits), and travel support for our staff and Board members.

Forest Community Engagement and Capacity Building: This area provides a mechanism to build capacity in rural, forest-based communities to adapt to the significant changes occurring in the natural resource sector that they are so heavily dependent on. This theme focuses on providing information and tools for communities to capitalize on other economic forest-based opportunities (e.g., non-timber forest products, ecotourism, guiding and outfitting), supporting First Nations Traditional Area Advisory Committees, supporting the activities of the Committee for Moose Management (a MBMF committee), and enhancing participation of communities in decision-making of the MBMF.

Integrated Landscape Management: This area acknowledges the reality that ecological sustainability involves an integrated approach for the management of landscapes. This theme area includes a strong environmental research and monitoring component (e.g., wildlife, water quality, etc.) that will allow for better understanding of our forest environment, creation of landscape management tools and decision support systems, and will also develop innovative tools and processes for enhancing the involvement of all stakeholder groups (industries such as forestry, mining, hydro development, communities, First Nations) in landscape management decision-making.

Education: This area provides for regionally- and provincially-relevant curricula on trades and natural resource management. This is accomplished through the assistance in the creation of a regional learning institution called the Winnipeg River Learning Centre in the MBMF area, the development of a Junior Rangers program, and the development of provincially-accredited natural resource curricula. The Education theme also focuses on public education as well as students, through field tours, presentations, workshops, etc. The United Nations have declared 2011 as the International Year of Forests, and a significant focus will be placed on programs and activities for youth that will help reconnect our younger generation to the forest.

International Programs: This area builds on our projects and experience of working with Model Forests within the International Model Forest Network over the last 5-10 years. In particular, we have worked with the Reventazon Model Forest (Costa Rica) and the Cabecares (Indigenous peoples in central Costa Rica) to implement an ethno-tourism program for their communities.

Communications and Outreach: This area focuses on communication to a wide diversity of audiences on issues of community and natural resource sustainability. Communication products such as our website, development of project reports, newsletters, an Annual Report, displays, DVDs and communication vehicles such as workshops, tours and meetings provides the means for communicating our program and results. Such communication is also critical in attracting new partners and funding to our program. Our Communications and Networking theme area also includes support for the activities of the Canadian Model Forest Network and the International Model Forest Network.

Project Title: Staff Salaries and Associated Deductions Project Number: 11-1-01 Theme Area: Management and Administration Project Leader: Beverly Dube, MBMF Project Status: On-going, Year 5 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 office 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

Note: In addition to the funding identified below, an estimated additional \$1,500 in cash, representing carry-forward funding (non-CFS funding) from the previous MBMF fiscal year will be provided for Staff Salaries and Associated Deductions.

Budget:

Funding Partner	Cash	In-kind	Total
NRCan-CFS (core)	\$90,000	-	\$90,000
MBMF	\$510	-	\$510
Total	\$90,510	-	\$90,510

Planned Outputs:

- 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

Project Title: Supplies and Services Project Number: 11-1-02 Theme Area: Management and Administration Project Leader: Beverly Dube, MBMF Project Status: On-going, Year 5 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
- Office space rent at the Winnipeg River Learning Centre
- 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

Note: In addition to the funding identified below, an estimated additional \$6,000 in cash, representing carry-forward funding (non-CFS funding) from the previous MBMF fiscal year will be provided to the Supplies and Services project.

Budget:

Funding Partner	Cash	In-kind	Total
NRCan-CFS (core)	\$20,000	-	\$20,000
MBMF	\$8,000	-	\$8,000
Total	\$28,000	-	\$28,000

Planned Outputs:

- Properly functioning MBMF office
- Insurance policies
- Financial audit

Other Project Partners: None

Project Title: Travel Project Number: 11-1-04 Theme Area: Management and Administration Project Leader: Beverly Dube, MBMF Project Status: On-going, Year 5 of 5			2007-08
Purpose: To provide for travel to meetings, workshops and conferences relevant to the MBMF program for staff (General Manager, Executive Assistant)			
Description: 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.			
Budget:			
Funding Partner	Cash	In-kind	Total
NRCan-CFS (core)	\$9,000	-	\$9,000
Total	\$9,000	-	\$9,000
Planned Outputs <ul style="list-style-type: none"> ▪ Attendance/presence at MBMF, CMFN, NRCan-CFS and IMFN meetings, workshops and conferences 			
Other Project Partners: None			

Project Title: Board Support and Travel Project Number: 11-1-06 Theme Area: Management and Administration Project Leader: Beverly Dube, MBMF Project Status: On-going, Year 5 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 6 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.
- In 2011/12, the MBMF will develop a new 5 Year Strategic Plan, which will set direction for the organization for the next 5 years.

Note: In addition to the funding identified below, an estimated additional \$1,000 in cash, representing carry-forward funding (non-CFS funding) from the previous MBMF fiscal year will be provided for Board Support and Travel.

Budget:

Funding Partner	Cash	In-kind	Total
NRCan-CFS (core)	\$10,000	-	\$10,000
RM Lac du Bonnet	\$1,000	\$4,200	\$5,200
LDG of Pinawa	\$1,000	\$4,200	\$5,200
Board members (25 additional organizations)	-	\$101,500	\$101,500
Total	\$12,000	\$109,900	\$121,900


Planned Outputs:

- Board meeting minutes
- Approved Annual Work Plan that is consistent with Strategic Plan
- New 5 Year Strategic Plan (2012-2017)
- Approved Annual Budget
- MBMF Policies and Procedures
- Program/Project Planning Documents
- New partnership with the Mining Association of Manitoba

Other Project Partners: Board members, representing 28 organizations

Project Title: Forest Community Engagement and Capacity Building Working Group Support Project Number: 11-5-01 Theme Area: Forest Community Engagement and Capacity Building Project Leader: Kelly Leavesley, Manitoba Conservation, Rene Barker, MBMF Community Involvement Consultant (co-chairs) Project Status: On-going, Year 5 of 5			2007-08
Purpose: To provide for travel and support for the Working Group meetings			
Description: 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"> ▪ 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. ▪ Costs associated with hosting Working Group meetings, including meals, room rentals, etc. ▪ Time spent by Working Group members at meetings is provided as an in-kind contribution to the MBMF. ▪ Occasionally, conference travel may also be covered, generally if the Working Group member will be making a presentation on behalf of the MBMF. <p>Note: Cash funding to pay for meetings and travel mentioned above, will be provided from an estimated \$500 in cash, representing carry-forward funding (non-CFS funding) from the previous MBMF fiscal year.</p>			
Budget:			
Funding Partner	Cash	In-kind	Total
Working Group members (12 organizations)	-	\$16,800	\$16,800
Total	\$0	\$16,800	\$16,800
Planned Outputs: <ul style="list-style-type: none"> ▪ Program/Project Planning Documents ▪ Working Group Budgets ▪ PowerPoint presentations related to specific projects under the Working Group 			
Other Project Partners: Working Group members, representing 13 organizations. These include Black River First Nation, Brokenhead Ojibway Nation, Hollow Water First Nation, Louisiana Pacific, MB Conservation, Manitoba Forestry Association, MB Hydro, Manitoba Metis Federation, Manitoba Trapper's Association, Shining Waters Heritage Region, Winnipeg River Learning Centre, and Woodlot Association of Manitoba.			

Project Title: Community Opportunities Program Project Number: 11-5-02 Theme Area: Forest Community Engagement and Capacity Building Project Leader: Bev Dube, Manitoba Model Forest Project Status: Project Postponed			2007-08
Purpose: To support local community economic development, environmental and education projects			
Description: Initiated in Phase III of the Model Forest Program, the MBMF Community Opportunities Program has provided seed funding for a wide diversity of community-driven projects including economic development, community beautification, environment and education. The program provides an avenue to demonstrate direct and tangible benefits for MBMF communities. Each spring, the MBMF advertises and solicits proposals for community-focused project. Eligibility criteria and program guidelines are provided to each community or local organization. Proposed projects must be consistent with the MBMF 5 Year Strategic Plan.			
Due to budget constraints in 2011-12, the Community Opportunities Program has been postponed.			
Budget:			
Funding Partner	Cash	In-kind	Total
NRCan-CFS (core)	-	-	-
Community Opportunities Subcommittee (various organizations)	-	-	-
MBMF communities and local organizations with successful applications	-	-	-
Total	-	-	-
* ¹ estimated in-kind provided by successful communities and local organizations			
Planned Outputs: <ul style="list-style-type: none"> ▪ None in 2011-12 			
Other Project Partners: None in 2011-12			

<p>Project Title: Committee for Cooperative Moose Management Project Number: 11-5-13 Theme Area: Forest Community Engagement and Capacity Building Project Leader: Kelly Leavesley, Manitoba Conservation Project Status: On-going, Year 5 of 5</p>	<p>2007-08</p>
<p>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.</p>	
<p>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 and 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 in recommending prescriptions and/or actions that will contribute to healthy moose populations.</p>  <p>The 2011/2 work plan includes the following components:</p> <ul style="list-style-type: none"> ▪ Continued meetings of the CMM to share information, discuss moose management issues and participate in related projects and initiatives (e.g. road management plans, etc.); ▪ Continued discussions with First Nation communities to explore opportunities for participating in co-management initiatives; e.g. the designation of areas recommended for temporary moose hunting closures, as well as, recommended harvest strategies for sustainable moose populations; ▪ Synthesis and analysis of historical and current moose survey data to determine population trends and the current status of the Game Hunting Area (GHA) 26 and 17A moose populations; ▪ Development and distribution of at least 2 editions of a newsletter entitled the “Moose News”; ▪ Partner with the University of Manitoba, Manitoba Conservation and the Manitoba Trappers Association to conduct a study of wolf diet composition in GHAs 26 and 17A; ▪ Development of management recommendations for conservation of moose in GHAs 26 and 17A; ▪ Potentially, a wolf survey of GHA 26; ▪ Potentially, placement of GPS collars on wolves in GHA 26; ▪ Presentation of the moose/wolf survey results and related reports to the CMM; ▪ Collection of moose distribution data via surveys conducted through the woodland caribou project; ▪ Potentially, aerial surveys to obtain total counts/age:sex ratios of moose in key management areas within GHAs 26 and 17A (e.g. Happy Lake Study Area ; Chief George Barker Cooperative Wildlife Area, etc.); ▪ Potentially, placement of radio collars on several moose within key management 	

- Discussions with the Mining Association of Manitoba regarding involvement in this project and committee
- Partner with the East Side Road Authority to obtain information on moose populations (north of the Wanipigow River), and factors influencing these populations. This may include:
 - Multispecies surveys (moose, wolf, caribou) for portions of GHA 17;
 - GPS collaring of moose;
 - Collection of moose/ wolf information from trappers

Note: In addition to the cash funding identified below, an estimated additional \$5,000 in cash, representing carry-forward funding (non-CFS funding) from the previous MBMF fiscal year will be provided.

Budget:


Funding Partner	Cash	In-kind	Total
NRCan-CFS (core)	\$13,900	-	\$13,900
Manitoba Conservation	\$10,000	\$25,000	\$35,000
Brokenhead Ojibway First Nation	-	\$1,800	\$1,800
Sagkeeng First Nation	-	\$1,800	\$1,800
Black River First Nation	-	\$5,400	\$5,400
Hollow Water First Nation	-	\$5,400	\$5,400
Bloodvein First Nation	-	\$1,800	\$1,800
Manitoba Metis Federation	-	\$1,800	\$1,800
Community of Bissett	-	\$1,800	\$1,800
Community of Manigotagan	-	\$1,800	\$1,800
Manitoba Hydro	-	\$3,600	\$3,600
Manitoba Floodway and East Side Road Authority	-	\$1,800	\$1,800
Manitoba Trapper's Association	-	\$1,800	\$1,800
Pinawa Fish & Game Association	-	\$3,600	\$3,600
Brokenhead River Fish & Game Assoc.	-	\$3,600	\$3,600
Lac du Bonnet Wildlife Association	-	\$3,600	\$3,600
Winnipeg River Bow Hunters Assoc.	-	\$1,800	\$1,800
University of Manitoba	-	\$6,000	\$6,000
Tembec	-	\$1,800	\$1,800
Manitoba Model Forest	-	\$3,600	\$3,600
Total	\$23,900	\$77,800	\$101,700

Planned Outputs:

- CMM meetings and meeting minutes
- Presentations at various meetings; e.g. TAACs, wildlife associations, etc.
- Planning documents re: Management recommendations
- Wolf diet analysis report
- Moose / wolf survey reports
- GPS database on moose and wolves
- Database on trapper observations
- New partnerships with the Mining Association of Manitoba, the Manitoba Floodway & East Side Road Authority, Bloodvein First Nation, Manitoba Metis Federation and Northern Affairs communities

Other Project Partners: None

Project Title: First Nation Engagement in Western Manitoba Project Number: 11-5-14 Theme Area: Forest Community Engagement and Capacity Building Project Leader: Brian Kotak, MBMF and Wade Cable, Louisiana Pacific Project Status: Project Discontinued			2007-08
Purpose: To provide support to the engagement of First Nation communities in western Manitoba into the MBMF program			
Description: This project was designed to assist the MBMF to begin working with First Nation communities in western Manitoba. Over the first 3 years of the Forest Communities Program, we have engaged western Manitoba First Nations through a variety of other MBMF projects, including the Junior Rangers (11-4-08), Education for Sustainable Development (11-4-13), Woodlot Education (11-4-09), Provincial Natural Resource Management Curricula (11-9-14), and Stakeholder-based Watershed Management in Western Manitoba (11-2-63). With the above considerations, we have decided to discontinue this project, and to continue to work with western Manitoba First Nation communities through the above-mentioned projects.			
Budget:			
Funding Partner	Cash	In-kind	Total
	-	-	-
Total	-	-	-
Planned Outputs: <ul style="list-style-type: none"> ▪ None (project discontinued) 			
Other Project Partners: None			

<p>Project Title: Traditional Area Advisory Committees (TAACs) Project Number: 11-5-03 Theme Area: Forest Community Engagement and Capacity Building Project Leader: Rene Barker, MBMF Community Involvement Consultant Project Status: On-going, Year 5 of 5</p>	<p>2007-08</p>
<p>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.</p>	
<p>Description: With the assistance of the MBMF, over the last 7 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. In 2009, the Black River and Hollow Water First Nation TAACs won a Manitoba Hydro Spirit of the Earth Award for their innovative community-based method of interacting with government and industry.</p> <p>At present, TAACs are well established in Hollow Water First Nation and at Black River First Nation, and discussions for the establishment of a TAAC is on-going in Brokenhead Ojibway Nation.</p> <p>Specific activities for the 2011-12 work plan include:</p> <ul style="list-style-type: none"> ▪ Regular meetings of the Hollow Water First Nation and Black River First Nation TACCs (approximately every 2-3 weeks) to discuss resource management issues in their traditional territories ▪ Continued discussions with Brokenhead Ojibway Nation regarding the establishment of a TAAC in their community ▪ Discussions between the TAACs and the mining industry, Manitoba Mineral Resources (Mines Branch) and Manitoba Hydro, to have these industries participate in TAAC meetings <p>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.</p> <p>Note: In addition to the funding identified below, an estimated additional \$6,000 in cash, representing carry-forward funding (non-CFS funding) from the previous MBMF fiscal year will be provided to the TAAC project.</p>	

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Budget:			
Funding Partner	Cash	In-kind	Total
NRCan-CFS (core)	\$21,000	-	\$21,000
MB Conservation	\$20,000	\$12,000	\$32,000
MB Hydro	\$5,000	\$2,500	\$7,500
MBMF	-	\$1,200	\$1,200
Tembec	-	\$6,000	\$6,000
Hollow Water First Nation	-	\$30,000	\$30,000
Black River First Nation	-	\$30,000	\$30,000
Brokenhead Ojibway First Nation	-	\$10,000	\$10,000
Mining Association	-	\$2,500	\$2,500
Manitoba Mineral Resources	-	\$2,500	\$2,500
Total	\$46,000	\$96,700	\$142,700
Planned Outputs:			
<ul style="list-style-type: none"> ▪ Meetings and meeting minutes associated with the Hollow Water FN and Black River FN TAACs ▪ Continued discussions with Brokenhead Ojibway Nation regarding the establishment of a TAAC in their community ▪ New partnerships between TAACs and the mining industry, Manitoba Mineral Resources (Mines Branch), as well as Manitoba Hydro ▪ 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			

Project Title: Cultural and Nature-based Tourism in the Brokenhead Wetlands Ecological Reserve Project Number: 11-5-04 Theme Area: Forest Community Engagement and Capacity Building Project Leader: Carl Smith, Brokenhead Ojibway Nation Project Status: On-going, Year 4 of 4	2008-09
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Purpose: To assist the community of Brokenhead Ojibway Nation in the development of infrastructure, and culturally appropriate interpretive materials and programs for promoting the unique habitat and plant communities in the Brokenhead Wetlands Ecological Reserve.

Description: This project, formerly called “Integration of Rare Species into Landscape Management Planning 10-2-24” (and located under the Integrated Landscape Management theme area) originally helped to form a partnership with Native Orchid Conservation Inc. (NOCI), to develop an inventory and database of orchid species and other rare plants in eastern Manitoba. The partnership provided a mechanism to improve our knowledge of the distribution and abundance of such species in eastern Manitoba, and to use this information to improve forest management planning. However, over time, the project committee identified the new Brokenhead Wetlands Ecological Reserve as an area of potential focus. This ecological reserve contains a large percentage of the rare orchid species found in Manitoba, is a culturally significant area for Brokenhead Ojibway Nation (BON), and represents a significant opportunity for tourism promotion that could include both nature interpretation and the cultural significance to Brokenhead Ojibway Nation.



A non-profit, charitable organization, Debwendon Inc, was formed in 2007 and was the driving force in the designation of the Brokenhead Wetlands as one of Manitoba’s most recent ecological reserves. BON, NOCI and the MBMF make up its Board of Directors. The mandate of Debwendon is to promote and preserve the Brokenhead Wetland Ecological Reserve, raise public awareness of the historic cultural connection between the Brokenhead Ojibway Nation and the Brokenhead Wetland, construct and maintain over the long term a boardwalk and interpretive trail adjacent to the Brokenhead Wetland Ecological Reserve, and raise funds toward those ends. Debwendon has already completed a trail and boardwalk design study (partially funded by the MBMF) and we will now assist Debwendon in implementation phase of the study.

Activities specific to the 2011-12 project year will include:

- Development of a parking area, trailhead area and kiosk/trailhead sign for the Brokenhead Wetlands.
- Initial development of first part of trail system
- Development of new interpretive materials
- Promotional materials and advertising of trail system
- Development of funding proposals to complete the boardwalk system

Note: In addition to the cash funding identified below, an estimated additional \$2,400 in cash, representing carry-forward funding (non-CFS funding) from the previous MBMF fiscal year will be provided.

Budget:

Funding Partner	Cash	In-kind	Total
NRCan-CFS (core)	\$8,100	-	\$8,100
Brokenhead Ojibway Nation	-	\$5,000	\$5,000
MBMF	-	\$5,000	\$5,000
Woodlot Association of MB	-	\$2,000	\$2,000
Debwendon	-	\$15,000	\$15,000
Native Orchid Conservation Inc	-	\$5,000	\$5,000
Total	\$8,100	\$32,000	\$40,100
Outputs:			
<ul style="list-style-type: none"> ▪ Meeting minutes from project committee ▪ Infrastructure for trail system at Brokenhead Wetlands (trailhead sign, creation of first part of trail system, parking lot) ▪ New interpretive materials for the trail ▪ Promotional materials ▪ Funding proposals for implementation of the boardwalk system 			
Other Project Partners: None			

Project Title: First Nation Land Use Planning Project Number: 10-5-15 Theme Area: Forest Community Engagement and Capacity Building Project Leader: None at present Project Status: Project Discontinued			2007-08
Purpose: To support the development and continual improvement to MBMF area First Nation land use plans			
Description: This project has not yet been initiated and no clear ideas have been brought forward as to the scope of the project. As most land use planning is currently being facilitated by Traditional Area Advisory Committees (TAACs), a decision has been made to include any land use planning work within the scope of the TAACs.			
Budget:			
Funding Partner	Cash	In-kind	Total
	-	-	-
Total	-	-	-
Planned Outputs: <ul style="list-style-type: none"> ▪ None 			
Other Project Partners: None			

Project Title: Trapper Involvement Project Number: 11-5-10 Theme Area: Forest Community Engagement and Capacity Building Project Leader: None at present Project Status: On-going, Year 5 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 Manitoba Trappers Association (MTA) is completing a Best Management Practices (BMP) manual entitled “Integrating Furbearer Habitat Requirements and Trapper Concerns in Forestry Development”. There has been much discussion with the MTA over the past year about developing a system of data collection and observations on wildlife (furbearers and others) by trappers, through the use of a simple journal or data sheets. The MBMF will develop and implement a pilot project with the MTA in 2011-12. In addition, the MBMF will continue to work with the MTA to involve trappers to assess and mitigate impacts of high wolf populations in the region, on moose. In particular, trappers will collect tissue and fur samples from wolves and their prey (deer, moose, beaver, etc). Stable isotope analysis of these samples will be used to determine the prey composition of wolf diet in the region.



Specific activities for the 2011-12 work plan include:

- Production (printing) and “roll out” the Best Management Practices manual in communities
- Involvement of trappers in collecting samples (wolves, deer, moose, beaver, etc) for diet analysis, as part of a project to determine the current diet of wolves in the region
- Development and implementation of a trapper-based data collection/observation network for wildlife in trap line areas


Budget:

Funding Partner	Cash	In-kind	Total
NRCan-CFS (core)	\$9,000	-	\$9,000
Hollow Water First Nation	-	\$5,000	\$5,000
Black River First Nation	-	\$5,000	\$5,000
Manitoba Trapper’s Association	-	\$2,000	\$2,000
Manitoba Conservation	-	\$1,800	\$1,800
MBMF	-	\$3,600	\$3,600
Total	\$9,000	\$17,400	\$26,400

Planned Outputs:

- BMP manual
- Awareness in communities about the BMP manual
- Database of the collection of wildlife data and observations by trappers
- Report on the results of diet analysis for wolves

Other Project Partners: None

<p>Project Title: Alternative Economic Opportunities from the Forest Project Number: 11-5-18 Theme Area: Forest Community Engagement and Capacity Building Project Leader: Brian Kotak, MBMF General Manager Project Status: On-going, Year 5 of 5</p>	<p>2007-08</p>
<p>Purpose: To explore opportunities for alternative economic development in the MBMF area based on timber and non-timber forest products</p>	
<p>Description: There are many opportunities for the development of both value-added timber and non-timber forest product (NTFP) businesses in the MBMF area. Both can provide opportunities for communities by building on local skills and knowledge of the forest. In most instances, value-added forest products and NTFPs represent an opportunity for supplemental income, not as a main, annual income.</p>	
<p>In 2009, the MBMF hosted workshops in 6 communities within and adjacent to the MBMF area to highlight key areas of NTFP opportunities as well as value-added forest products. These workshops were very well attended (over 200 participants) and demonstrated the interest in this growing sector. The workshops represented a collaboration between the MBMF, Royal Roads University (Centre for Non-Timber Resources), Manitoba Forestry Association and the Woodlot Association of Manitoba. In addition, a revised NTFP training course curriculum was developed by Royal Roads and Dave Buck (manager of the former Northern Forest Diversification Centre in The Pas, Manitoba). A mushroom identification workshop and field trip, provided by Dr. David Punter, was held in the fall of 2009. In 2010, a two-week intensive NTFP training course was offered by the MBMF at the Winnipeg River Learning Centre (which was based on a training curriculum developed in partnership with Royal Roads University in 2009). Fourteen people participated in the course. In addition, a morel mushroom workshop was held, as well as a 1 day wreath-making workshop. In 2011-12, we will continue to work with communities to offer training programs and to identify opportunities with respect to NTFP business development.</p>	
<p>Activities specific to the 2011-12 work plan include:</p>	
<ul style="list-style-type: none"> ▪ Hire a part time NTFP Coordinator, who will work directly with communities and individual entrepreneurs ▪ Offer a variety of NTFP training courses, through the Winnipeg River Learning Centre, and in communities. ▪ Offer an additional mushroom identification and field day workshop ▪ Develop funding proposals to pilot a training and marketing course on wild teas, in collaboration with existing NTFP businesses ▪ Work with local schools to offer fundraising opportunities that are focused on NTFPs (e.g., making and selling wreaths at Christmas) ▪ Host several NTFP field day tours, which will help communities to identify potential NTFP business opportunities ▪ Host a field trip to the Food Development Centre in Portage La Prairie, MB to explore opportunities for development of NTFP food products 	

Budget:			
Funding Partner	Cash	In-kind	Total
NRCan-CFS (core funding)	\$35,000	-	\$35,000
Manitoba Hydro	\$45,000	-	\$45,000
Royal Roads University	-	\$1,000	\$1,000
MB Agriculture, Food and Rural Initiatives	-	\$2,500	\$2,500
MBMF	-	\$10,000	\$10,000
Total	\$80,000	\$13,500	\$93,500
Planned Outputs:			
<ul style="list-style-type: none"> ▪ New NTFP Coordinator position at the MBMF, to assist communities and entrepreneurs in training and business development ▪ 2 week training course on NTFPs at the Winnipeg River Learning Centre ▪ Field courses and workshops on various aspects of NTFPs ▪ Partnerships with local schools focused on use of NTFP products in fundraising ▪ Funding proposals for the development of a wild tea training program 			
Other Project Partners: 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, Manitoba Tourism, EAST Inc., Manitoba Conservation, Winnipeg River Learning Centre			

Project Title: First Nations Local Involvement Committee Project Number: 11-5-19 Theme Area: Forest Community Engagement and Capacity Building Project Leader: Rene Barker, MBMF Community Involvement Consultant Project Status: New Project, Year 3 of 3	2009-10
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Purpose: To provide for travel and support for meetings of local First Nation communities in order to enhance their participation and input into the MBMF program

Description: In 2008, First Nation partners of the MBMF identified the need for First Nation communities to take a more active role in the MBMF. It was suggested that one way to facilitate this would be to create a First Nation local involvement committee, which would meet regularly in the communities to keep community members up-to-date on MBMF projects and to facilitate the generation of ideas for projects. The budget for this project includes:

- Covering travel costs (mileage) for some members of the committee. 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.
- Other costs associated with hosting meetings, including meals, room rentals, etc.
- Time spent by Working Group members at meetings is provided as an in-kind contribution to the MBMF.

Budget:

Funding Partner	Cash	In-kind	Total
NRCan-CFS (core)	\$500	-	\$500
Hollow Water First Nation	-	\$1,000	\$1,000
Black River First Nation	-	\$1,000	\$1,000
Brokenhead Ojibway First Nation	-	\$1,000	\$1,000
MBMF		\$1,000	\$1,000
Total	\$500	\$4,000	\$4,500

Planned Outputs:

- Meeting minutes
- Generation of ideas for new projects
- Improved involvement of First Nation communities in the MBMF program

Other Project Partners: None

Project Title: Integrated Landscape Management Working Group Support Project Number: 11-2-23 Theme Area: Integrated Landscape Management Project Leader: Vince Keenan, Maskwa Ecological Consulting Inc. Project Status: On-going, Year 5 of 5	2007-08
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Purpose: To provide for travel and support for ILM Working Group meetings

Description: 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:

- 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.
- Costs associated with hosting Working Group meetings, including meals, room rentals, etc.
- Time spent by Working Group members at meetings is provided as an in-kind contribution to the MBMF.
- Occasionally, conference travel may also be covered, generally if the Working Group member will be making a presentation on behalf of the MBMF.

Note: a cash budget of approximately \$500 will be provided to the working group from carry-forward (non-FCP) funds from the previous year.

Budget:

Funding Partner	Cash	In-kind	Total
NRCan-CFS (core)	-	-	-
Working Group members (11 organizations)	-	\$12,600	\$12,600
Total	-	\$12,600	\$12,600

Planned Outputs:

- Program/Project Planning Documents
- Working Group Budgets
- PowerPoint presentations related to specific projects under the Working Group
- Presentations at workshops and conferences

Other Project Partners: Working Group members, representing 11 organizations. These include Brokenhead Ojibway Nation, MB Conservation, Maskwa Ecological, Time to Respect Earth’s Ecosystems (TREE), Manitoba Trapper’s Association, Black River First Nation, Hollow Water First Nation, Manitoba Hydro, Louisiana Pacific, Woodlot Assoc of MB, and Ducks Unlimited.

Project Title: Caribou Management Project Number: 11-2-33 Theme Area: Integrated Landscape Management Project Leader: Dennis Brannen, Manitoba Conservation Project Status: On-going, Year 5 of 5	2007-08
<p>Purpose: To maintain self-sustaining populations of woodland caribou within and beyond the MBMF area in eastern Manitoba. Research will focus on determining distribution, abundance, habitat use/availability and determining factors that influence caribou survival. This work will support the development of provincial recovery action plans, management plans and updating the provincial recovery strategy that will outline the steps that will be taken to ensure woodland caribou persist on the landscape.</p>	
<p>Description: The Eastern Manitoba Woodland Caribou Advisory Committee (EMWCAC), a committee of the MBMF, has been active in research, 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 government, local and provincial stakeholder organizations, forest industry and First Nation communities. Through this program, the knowledge and understanding of the ecology of woodland caribou 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 affect 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 harvest deferrals within winter core habitat areas, and modifications in timber harvest design and extent of harvesting within the Owl Lake woodland caribou herd’s range. The overall objectives of the program are:</p> <ul style="list-style-type: none"> • To ensure the availability of habitats (in space and time) 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; • Conduct research that will improve the understanding of caribou ecology on the east side of Lake Winnipeg; • 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. <p>Activities specific to the 2011-2012 work plan include:</p>	



- Owl-Flintstone Range
 - Continue post-harvest monitoring and analysis of caribou and habitat response to experimental harvest prescriptions that were implemented (GPS collar data, permanent sample plots)
 - Continue discussions of road retirement for roads associated with the experimental harvest
 - Aerial telemetry flights to monitor collared caribou
 - Retrieval of GPS collars from collared caribou
 - Completion of the M.Sc. thesis (University of Manitoba) looking at calving/nursery habitat modeling
 - Completion of the M.Sc. thesis (University of Manitoba) looking at use of natural (rivers, ridges) and anthropogenic (roads, trails) corridors by wolves
 - Completion of a M.Sc. thesis (Trent University) looking at summer habitat use and the importance of separation of the winter and summer ranges
 - Continuation of 5 year adult female survival study of Owl Lake range
 - Recruitment survey of woodland caribou in the Owl-Flintstone range
 - Conduct a multi-species distribution survey
 - Updating the core use areas

- Atikaki-Berens Range
 - Atiko/Bloodvein sub-ranges
 - Ratification and implementation of the Atiko/Bloodvein Conservation Plan
 - Retrieval of GPS collars from collared caribou
 - Continue data analysis that will enable the identification of critical habitats for the Atiko/Bloodvein sub-ranges
 - Aerial telemetry flights to monitor collared caribou
 - Conduct a recruitment survey in the Bloodvein sub-range
 - Continue habitat use/availability analysis

 - Round and Berens sub-ranges
 - Collar 40 caribou in collaboration with the Eastside Road Authority.
 - Continue collaborating with the East Side Road Authority to monitor collared caribou and provide input on data analysis that will provide information on the response of caribou to the construction of the Eastside road to Berens River and provide information on identifying important caribou areas.
 - Conduct recruitment surveys

 - Charron Lake Project
 - Implement the research plan to assess inter-annual variation in adult survival, calf recruitment and predation
 - Capture and collar 20 female woodland caribou and 5 wolves
 - Conduct summer calf survival and winter calf recruitment surveys
 - Investigate caribou mortalities

- Deploy trail cameras

- Conduct winter and summer caribou capture and collaring events in multiple ranges
- Collaborate with Trent University on a M.Sc. thesis project entitled “Site fidelity, habitat assessment, and woodland caribou conservation”
- Hold regular meetings of the EMWCAC
- Broaden our TEK knowledge for woodland caribou by talking with First Nation communities.
- Continue to develop educational material for school curriculums and public interests.
- Continue public stewardship activities to educate the public about woodland caribou.
- Meetings and conference calls with 4 other Model Forests (Resources North, Foothills, Prince Albert and Northeast Superior) to develop a multi-site collaboration on woodland caribou

Budget:

Funding Partner	Cash	In-kind	Total
Manitoba Model Forest	-	\$12,000	\$12,000
NRCan-CFS (Core)	\$10,000	-	\$10,000
MB Conservation (Endangered Species and Biodiversity Fund)	\$21,500	-	\$21,500
MB Conservation	\$10,000	\$88,200	\$98,200
MB Hydro	\$175,000	\$10,000	\$185,000
U of W (C-FIR)	-	\$1,200	\$1,200
Hollow Water First Nation	-	\$300	\$300
Black River First Nation	-	\$300	\$300
Manitoba Trappers Assoc	-	\$1,200	\$1,200
MB Highways		\$1,200	\$1,200
Eastside Road Authority		\$7,500	\$7,500
TREE		\$1,200	\$1,200
Total	\$216,500	\$123,100	\$339,600

Outputs:

- Meeting minutes, budgets, project presentations
- Database on distribution and population status of various woodland caribou ranges in eastern Manitoba
- Continued analysis of Owl Lake woodland caribou response to forest harvest in the experimental harvest area.
- Continued data synthesis of multi-species surveys
- Continued analysis of annual adult female survival rates for the Owl Lake range. A report will be completed at the end of the 5 year study.
- Recruitment survey database
- Updated core areas for multiple ranges
- A M.Sc. thesis presenting results from the calving/nursery habitat study for the Owl Lake range
- A M.Sc. thesis examining the use of natural and anthropogenic corridors by

wolves


- A M.Sc. thesis presenting results from the separation of summer and winter habitats study
- Recommendations for calving/nursery habitat protections
- Public presentations
- Elementary School level Species at Risk/Caribou curriculum document
- Develop new issue of Atik News (newsletter)
- Partnership with 4 other Model Forests on woodland caribou

Other Project Partners: None

Project Title: Species of Special Interest Project Number: 11-2-26 Theme Area: Integrated Landscape Management Project Leader: Tim Swanson, Manitoba Conservation Project Status: Project Discontinued			2007-08
<p>Purpose: To identify plants of special interest (e.g., medicinal plants) to MBMF area First Nation and Northern Affairs communities, and to assist forest management planning by developing tools to predict the potential locations/habitats of such plants across the MBMF landscape.</p>			
<p>Description: MBMF area community members 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.</p> <p>In 2008/09, a proof of concept predictive model was developed in consultation with Brokenhead Ojibway First Nation. Using existing habitat preference data, a GIS student from Red River Community College in Winnipeg, developed predictive models. However, because of the general nature of the digital Forest Resource Inventory, the model could not identify specific habitats of the plants of interest. As a result, a decision was made to discontinue this project.</p>			
Budget:			
Funding Partner	Cash	In-kind	Total
-	-	-	-
Total	-	-	-
Outputs: <ul style="list-style-type: none"> ▪ None (project discontinued) 			
Other Project Partners: None			

Project Title: Integration of Rare Species into Landscape Management Planning Project Number: 11-2-24 Theme Area: Integrated Landscape Management Project Leader: Brian Kotak, Manitoba Model Forest Project Status: Project Renamed and Moved to Forest Community Engagement theme area			2008-09
Purpose: To incorporate rare plants species into landscape management planning by undertaking surveys on the occurrence and locations of rare plant species in eastern and western Manitoba			
Description: The focus of this project has changed and has been re-named “Cultural and Nature-based Tourism in the Brokenhead Wetlands Ecological Reserve 11-5-04”. The project has been moved to the Forest Community Engagement and Capacity Building theme area. Please see the new project description on page 32			
Budget:			
Funding Partner	Cash	In-kind	Total
-	-	-	-
Total	-	-	-
Outputs: ▪			
Other Project Partners:			

Project Title: Watershed Management Tools Project Number: 11-2-66 Theme Area: Integrated Landscape Management Project Leader: Brian Kotak, Miette Environmental Project Status: Project Postponed			2007-08
Purpose: To provide baseline water quality monitoring in the MBMF area and to implement a watershed-scale timber harvesting experiment to test the assumptions of watershed management tools currently under development for Tembec.			
Description: This monitoring program (that began in Phase III of the Model Forest program) was collecting a baseline of information on stream hydrology (flow) and water quality in the Model Forest, information that is currently lacking.			
Due to budget constraints and the loss of Tembec as a project partner, this project is postponed			
Budget:			
Funding Partner	Cash	In-kind	Total
	-	-	-
Total	-	-	-
Planned Outputs: <ul style="list-style-type: none"> ▪ None 			
Other Project Partners: None			

<p>Project Title: Stakeholder-based Watershed Management in Western Manitoba Project Number: 11-2-63 Theme Area: Integrated Landscape Management Project Leader: Donna Kopecky, Louisiana Pacific Project Status: On-going, Year 4 of 4</p>	<p>2008-09</p>
<p>Purpose: To develop collaborative approaches to water quality and watershed management in western Manitoba</p>	
<p>Description: This project brings together a wide diversity of stakeholders in western Manitoba to examine water quality issues in a region dominated by both agricultural and forest industry activities. The project is initiating a research program to examine the effects of land use practices on water quality in the Duck Mountains and surrounding region of western Manitoba. In 2009, a project committee was formed and an initial workshop and field tour of the Duck Mountains were held. In 2010, work began to identify candidate watersheds for a network of river monitoring stations in the Duck Mountains (that will complement existing water monitoring stations of the same rivers, downstream off the Duck Mountain escarpment and in agricultural areas). In 2011, the project will move to an implementation phase, with the installation of precipitation monitoring equipment, and river stage (for calculating discharge) equipment.</p>  <p>Specific activities for 2011-12 include:</p> <ul style="list-style-type: none"> ▪ Final selection of an initial suite of watershed monitoring sites ▪ Installation of precipitation monitoring gauges in selected sites across the Duck Mountains ▪ Installation of water level recorders in selected watersheds. Periodic measurement of discharge, in order to create a rating curve for each watershed <p>Note: In addition to the cash funding identified below, an additional \$18,000 in cash, representing carry-forward funding (non-CFS funding) from the previous MBMF fiscal year will be provided to the project. A proposal will also be made to the Water Stewardship Fund for an additional \$25,000 in cash funding to the project.</p>	

Budget:			
Funding Partner	Cash	In-kind	Total
Louisiana Pacific	\$5,000	\$20,000	\$25,000
MBMF	-	\$10,000	\$10,000
Manitoba Conservation	-	\$2,000	\$2,000
Manitoba Water Stewardship	-	\$5,000	\$5,000
Ducks Unlimited	-	\$1,000	\$1,000
Intermountain Conservation District	-	\$1,000	\$1,000
Lake of the Prairies Conservation District		\$1,000	\$1,000
Swan Lake Conservation District		\$1,000	\$1,000
National Council of Stream and Air Improvement (NCASI)	-	\$2,000	\$2,000
West Region Tribal Council	-	\$500	\$500
Parks Canada	-	\$1,000	\$1,000
Manitoba Agriculture, Food and Rural Initiatives	-	\$1,000	\$1,000
Total	\$5,000	\$45,500	\$50,500
Planned Outputs:			
<ul style="list-style-type: none"> ▪ Establishment of a monitoring network for river water quality/flow and precipitation ▪ Baseline water quantity data, precipitation data 			
Other Project Partners: None			

Project Title: Terrestrial Bio-monitoring Project Number: 11-2-06 Theme Area: Integrated Landscape Management Project Leader: Brian Kotak, Miette Environmental Project Status: On-going, Year 5 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 and one school in Winnipeg. With the aid of 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. The study plots are re-measured every 5 years.

In the summer of 2011, the vegetation and other environmental attributes in 7 bio-monitoring areas in the MBMF area will be re-measured. These study areas were established 5 years ago, and are scheduled to be re-measured in 2011.

Specific activities that will occur in 2011-12 include;

- Re-measurement of the tree, shrub and herb layers in 7 locations (28 – 20x20m plots) as well as other supporting environmental variables (e.g., light, air and soil temperature, downed woody debris). The study sites are located near the community of Seymourville and in Nopiming Provincial Park

Note: In addition to the cash funding identified below, an estimated additional \$2,400 in cash, representing carry-forward funding (non-CFS funding) from the previous MBMF fiscal year will be provided.

Budget:

Funding Partner	Cash	In-kind	Total
NRCan-CFS (Core)	\$7,600	-	\$7,600
Total	\$7,600	-	\$7,600

Planned Outputs:

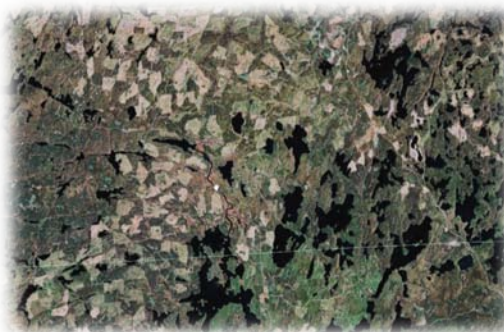
- Assessment of changes in forest growth and health in study plots over a 5 year period

Other Project Partners: None

Project Title: Landscape Design Project Number: 11-2-27 Theme Area: Integrated Landscape Management Project Leader: Brian Kotak, Manitoba Model Forest Project Status: On-going, Year 3 of 3	2008-09
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Purpose: To develop landscape-level planning criteria and guidelines for industrial development in the forested regions of Manitoba

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



In 2008, the MBMF began this process by hosting a workshop on landscape design, bringing together a number of experts from across Canada. The workshop, attended by more than 100 people included presentations on the use of landscape design theory in landscape planning as well as focus groups. A DVD of all presentations was produced as well as a workshop summary. A white paper on landscape design is currently under development. In 2011, the white paper will be completed by the forest practices committee and submitted to senior government officials within Manitoba Conservation for their consideration.

Specific activities for 2010-11 include:

- Completion of a landscape design white paper for consideration by Manitoba Conservation

Budget:			
Funding Partner	Cash	In-kind	Total
Manitoba Model Forest	-	\$1,000	\$1,000
Manitoba Conservation	-	\$2,500	\$2,500
Forest Practices Committee	-	\$4,000	\$4,000
Total	-	\$7,500	\$7,500
Planned Outputs:			
<ul style="list-style-type: none"> ▪ White paper on landscape design 			
Other Project Partners: None			

Project Title: Scenario Planning Project Number: 11-2-25 Theme Area: Integrated Landscape Management Project Leader: Tim Swanson, Manitoba Conservation Project Status: On-going, Year 4 of 4	2008-09
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Purpose: To develop tools that will assist the forest industry and Manitoba Conservation in communicating forest dynamics to the public and interested parties through computer generated visualization models.

Description: Draft computer generated visualization models and their outputs were developed in Phase III of the Model Forest Program, which incorporated a digital Forest Resource Inventory, forest harvest and regeneration information and assessment of various scales and techniques. The computer model and output allowed the industry and provincial government to provide visual tools for the public to understand the complexities of forest management. In 2008/2009 the project utilized the previous work to develop a computer visualization tool that depicts a natural disturbance event (a major forest blow down event), forest harvest and the resultant forest regeneration and succession that will take place over time in one specific area of Whiteshell



Provincial Park. The interactive, computer generated model allows the user to “fly” over a geo-referenced selected portion of the blow down area at various points in time during forest succession. In 2011, we will incorporate the computer visualization into an educational DVD. The DVD will be used to educate school groups, community groups, advisory committees, Provincial Park interpretive programs and the general public.

Activities specific to the 2011-12 project year will include:

- Creation of an educational DVD for use in park interpretation programs as well as part of other MBMF education programs (Junior Rangers, presentations to schools, Summer Institute for Teachers). The DVD will be created in-house by the MBMF.

Budget:			
Funding Partner	Cash	In-kind	Total
MBMF	-	\$2,000	\$2,000
Manitoba Conservation	-	\$2,000	\$2,000
Total	-	\$4,000	\$4,000

Outputs:

- Educational DVD

Other Project Partners: None

Project Title: Western MB Golden-winged Warbler Monitoring Project Project Number: 11-2-28 Theme Area: Integrated Landscape Management Project Leader: Donna Kopecky, Louisiana Pacific Project Status: Project Complete	2009-10
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Purpose: To maintain the migratory breeding bird population of Golden-winged Warbler (GWWA) within and beyond the MBMF area and in Western Manitoba (Duck Mountain Provincial Forest and Porcupine Provincial Forest). This will be accomplished by determining GWWA distribution (range extent), abundance, habitat use and habitat availability within this area. This work will support the development of Recovery Action Plans under the Species at Risk Act that are due for release June 2009.

Description: LP Canada Ltd. initiated a long-term bird monitoring study in 1997 that identified the presence of Golden-winged Warbler (GWWA) in the Duck Mountain Provincial Forest. Since then, several records of GWWA presence within this area have been documented (LP and Canadian Wildlife Service). In April of 2006, The Committee on the Status of Endangered Wildlife in Canada (COSEWIC) released a Status Report on the GWWA in Canada which determined that this species has declined by approximately 79% over the last 10 years according to the Canadian Breeding Bird Survey data. This decline has been mainly attributed to a decrease in early successional habitats required for breeding, genetic hybridization with the Blue-winged Warbler and Brown-headed Cowbird nest parasitism. In June 2006, the GWWA was listed as “threatened” under Schedule 1 governed by the Federal Species at Risk Act.



In support of this official government designation, Parks Canada, LP Canada Ltd, Manitoba Conservation, Environment Canada (CWS) and Bird Studies Canada came together to establish a Manitoba based working group to identify the range extent of GWWA in Manitoba and to better understand habitat requirements of this species in order to promote species conservation and public awareness. The group has established a consistent monitoring approach throughout various regions in Manitoba which will enable comparative analyses and the possible development of a rare species habitat occupancy model. The working group has identified several key priorities and knowledge gaps that require further research and monitoring effort to support long-term conservation of the GWWA, they are:

1. Determine accurate distribution (range extent);
2. Determine habitat associations and identify disturbance factors
3. Assessment of migration and over-wintering areas/habitats (isotope analyses)
4. Assessment of population spatial structure (species genetic atlas)
5. Assessment of demography and population dynamics (predation, parasitism, competition etc.)
6. Determine accurate population size (not feasible in short term)

A field program was carried out in 2009. However, no further funding is available for this project. The project has been discontinued.

Budget:			
Funding Partner	Cash	In-kind	Total
Total			

Outputs:

- None. Project completed

Other Project Partners: None

Project Title: Wildlife Use of Forest Harvest Areas Project Number: 10-2-29 Theme Area: Integrated Landscape Management Project Leader: Trevor Barker, Manitoba Conservation Project Status: Project Discontinued			2009-10
Purpose: To evaluate habitat use by a variety of mammals in areas of forest harvest as it relates to trapping and outfitting activities			
Description: Forest harvesting and renewal activities change many aspects of the forest environment. These changes can have effects on wildlife use of an area, and subsequent effects on trapping and outfitting opportunities. However, little research has been conducted in the MBMF to assess how changes in the forest through time after harvesting may affect changes in mammal populations. Using a network of infrared trail cameras, this project will assess mammal use of current and historic forest harvest areas through time. Trappers and outfitters will help to determine the location of the study sites. Consideration will be given to sites where forest harvesting has been designed to improve wildlife habitat, such as leave areas, corridors and riparian buffers.			
Due to insufficient funds, the project was discontinued in 2009.			
Budget:			
Funding Partner	Cash	In-kind	Total
		-	
Total			
Outputs: <ul style="list-style-type: none"> ▪ None (project discontinued) 			
Other Project Partners: (None)			

Project Title: Nesting Requirements of the Barred Owl in Manitoba Project Number: 11-2-30 Theme Area: Integrated Landscape Management Project Leader: Jim Duncan, Manitoba Conservation Project Status: Project Complete	2009-10
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Purpose: To assess Barred Owl nesting requirements in Manitoba, leading to the development of forest management guidelines that complement other large, diameter tree cavity nesting species (marten, wood pecker).

Description: The Barred Owl is an indicator species of healthy forests. It is also a species that is undergoing a westward expansion in North America. While the distribution of the Barred Owl is widespread in Manitoba, little is known about its nesting requirements. This project will undertake field surveys to identify nesting sites and habitat attributes of such sites. The project forms the MSc thesis of a graduate student at the University of Manitoba.



Field work for this project was completed in 2010. A MSc thesis will be produced in 2011.

Budget:

Funding Partner	Cash	In-kind	Total
Total			

Outputs:

- Thesis

Other Project Partners: (None)

Project Title: Education Working Group Support Project Number: 11-4-10 Theme Area: Education Project Leader: Mike James (Chair), Woodlot Association of Manitoba Project Status: On-going, Year 5 of 5	2007-08
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Purpose: To provide for travel and support for the Education Working Group meetings

Description: 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:

- 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.
- Costs associated with hosting Working Group meetings, including meals, room rentals, etc.
- Time spent by Working Group members at meetings is provided as an in-kind contribution to the MBMF.
- Occasionally, conference travel may also be covered, generally if the Working Group member will be making a presentation on behalf of the MBMF.

Budget:

Funding Partner	Cash	In-kind	Total
NRCan-CFS (core)	\$1,000	-	\$1,000
Working Group members (13 organizations)	-	\$18,000	\$18,000
Total	\$1,000	\$18,000	\$19,000

Planned Outputs:

- Program/Project Planning Documents
- Working Group Budgets
- PowerPoint presentations related to specific projects under the Working Group

Other Project Partners: Working Group members, representing 13 organizations. These include Brokenhead Ojibway Nation, MB Conservation, Woodlot Association of Manitoba, Manitoba Forestry 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.

Project Title: Winnipeg River Learning Centre Project Number: 11-4-07 Theme Area: Education /Employment Skills Development Project Leader: John Kawecki, Manager of Winnipeg River Learning Centre. Project Status: On-going, Year 5 of 5	2007-08
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Purpose: To support the program implementation and on-going development of training and post-secondary education initiatives of the Winnipeg River Learning Centre

Description: The Winnipeg River Learning Centre (WRLC), a post-secondary education and training institution located in the Town of Powerview-Pine Falls, began operations in 2008. The idea for a regional training centre grew out of the desire of local communities to have access to educational and training opportunities close to home, without the need to travel to large urban centres such as Winnipeg. In particular, First Nations stressed the importance of their community members to remain in their home communities while attending training courses. This provides the benefit of maintaining the family and community support network for the students. Since 2008, more than 200 students have taken courses at the WRLC. Red River Community College-Gimli Campus continues to play an integral part in providing accredited training programs at the WRLC. The MBMF was a key player in the development of the WRLC concept and continues to provide cash and in-kind funding support to this important regional initiative.



In late 2009, a major funding announcement was made by the Federal Government of Canada (through the Community Adjustment Fund) and the Province of Manitoba. The funding will ensure the long-term viability of the WRLC by supporting major renovations to the WRLC (the former Pine Falls school), including geothermal heating and cooling, insulation, installation of energy-efficient windows, etc., as well as supporting programs.

Specific activities for 2011-12 include:

- Develop an advertising / outreach program to inform regions residents of the capacity developed at the centre as a result of the major renovations funded by the community adjustment fund and provincial initiatives.
- Continue to seek out anchor tenants, in order to bring revenue to the WRLC, which will offset operating costs. Assisting new tenant service providers in program delivery and promotion within the region.
- Building on existing, and developing potential partnerships to nurture on-going working relationships within the Winnipeg River region (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, University of Manitoba, Winnipeg Technical College, Academy of Learning and other private vocational schools, Sagkeeng Education Authority South East Tribal Council etc.)
- Continue to develop fund-raising proposals and presentations
- Public relations, promotions, consultations, and presentations
- Co-ordinate and administer the Winnipeg River Learning Centre Advisory Board
- Identify, plan, and deliver pre-employment training workshops in collaboration with RRC and with Manitoba Hydro

- If desired, helping Manitoba Hydro establish a recruitment strategy for our region
- Continue to develop marketing and promotional strategies and materials to recruit students, and to raise the profile of the Winnipeg River Learning Centre
- Participate in the 2011 Career Fair for Eastern Manitoba
- Contract management and administration staff of WRLC to develop and implement all WRLC initiatives
- Offering of training programs, including:
 - Red River Community College-Gimli Campus programs (Level 1 Pre employment Electrical and Carpentry Certificate, Health Care Aide, Human Resource Management, Para-Educator, Early Childhood Education)
 - Red River main Campus to deliver Advanced Business Applications for Aboriginal students fall 2011
 - Academy of Learning to deliver Business and computer related courses both certificate and Diploma programs including a variety of small business and office management programs)
 - Non-timber Forest Products (a training program of the MBMF)
 - Other specialty courses and workshops (e.g., Canadian Firearm Safety, digital photography, maple syrup, growing mushrooms, etc.).


Budget:

Funding Partner	Cash	In-kind	Total
NRCan-CFS (Core funding)	\$5,000	-	\$5,000
MB Hydro	\$25,000	\$2,500	\$27,500
Academy of Learning	-	\$14,000	\$14,000
Manitoba Entrepreneurship, Training and Trade	-	\$400,000	\$400,000
Sunrise School Division	-	\$2,500	\$2,500
Powerview- Pine Falls	-	\$1,000	\$1,000
MBMF	-	\$10,000	\$10,000
Winnipeg Technical College	-	\$5,000	\$5,000
Red River Community College	-	\$34,500	\$34,500
Total	\$30,000	\$469,500	\$499,500

Outputs:

- Anchor tenants at the WRLC
- Partnership development for WRLC – with focus on Manitoba Hydro, Sunrise S.D., as well as regional First Nations communities, and mining and forestry sectors
- Funding proposals
- Promotional materials – publish and direct mail three Program Guides and fact sheets to all residents in North Eastman Region
- An active Winnipeg River Learning Centre Advisory Board and WRLC Board Executive
- Delivery of numerous training programs, courses and workshops in 2011-12

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.

Project Title: Junior Rangers Project Number: 11-4-08 Theme Area: Education Project Leader: Bob Austman, MBMF Education Coordinator Consultant Project Status: On-going, Year 5 of 5	2007-08
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: Since the initiation of the Forest Communities Program, the MBMF has developed and offered a Junior Rangers program each summer. The program provides training opportunities for students in many facets of natural resource management. Students attend a 3-week training program in the summer at the Manitoba Conservation Fire Fighting Training Facility, in Nopiming Provincial Park in eastern Manitoba. The program is open to grade 10 to 12 students from all MBMF area communities, as well as those in First Nation communities located in western Manitoba and northwestern Ontario.	
<p>The Junior Rangers program allows 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 (Level 1), trapping, forestry surveying, etc. In addition, other non-certified training will occur on orienteering (compass, GPS) and First Nation traditional values and culture. 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.</p>	
<p>Specific activities for 2011-12 include:</p>	
<ul style="list-style-type: none"> ▪ Program planning meetings ▪ Meetings and promotion of the program with MBMF area schools and communities regarding the up-coming program. ▪ Working with the communities to identify candidate students. Recruitment of students. ▪ Hiring for camp positions (camp foreman, cooks, etc) ▪ Working with the mining sector to include a new mining component into the 2011 program ▪ Implementation of the 3 week Junior Rangers Program in July ▪ Program evaluation from trainers and students to assess success of the 2011 program 	
<p>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.</p>	
<p>Note: In addition to the cash funding identified below, and additional estimated \$9,600 in cash funding will be provided to the project from non-CFS carry-forward funding from the previous</p>	

fiscal year.

Budget:

Funding Partner	Cash	In-kind	Total
NRCan-CFS (Core Funding)	\$25,400	-	\$25,400
Manitoba Hydro	\$5,000	\$2,000	\$7,000
Louisiana Pacific	\$5,000	\$1,000	\$6,000
Tembec	-	\$1,000	\$1,000
MB Conservation	\$10,000	\$55,000	\$65,000
Pineland Nursery	-	\$300	\$300
Brokenhead Ojibway Nation	-	\$300	\$300
Manitoba Forestry Association	-	\$1,800	\$1,800
Manitoba Model Forest	-	\$2,000	\$2,000
Manitoba Trappers Assoc	-	\$600	\$600
Mining Association of MB	-	\$1,000	\$1,000
Zirk Enterprises	-	\$300	\$300
MB Water Stewardship	-	\$300	\$300
Total	\$45,400	\$65,600	\$111,000

Outputs:

- Junior Rangers program
- New involvement of the mining industry in the JR program
- Training of 12-16 students
- Training certificates
- Program planning meetings and meeting minutes, including meetings with individual communities
- Program evaluation document

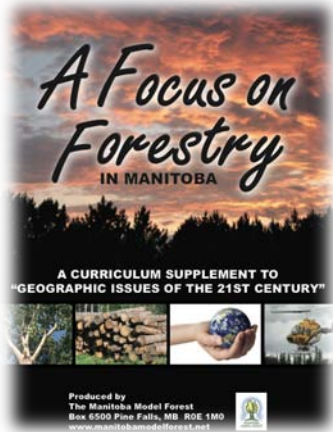
Other Project Partners: None

Project Title: Provincial Natural Resource Management Curricula Project Number: 11-4-14 Theme Area: Education Project Leader: Bob Austman, MBMF Education Coordinator Consultant Project Status: On-going, Year 5 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: Since 2005, the MBMF has been actively engaged in the development of provincially- accredited curriculum focused on the sustainable development and the ecology of our boreal forest. These textbook supplements include Sustainable Forest Ecosystems (one for

Grade 7 Science Curriculum and one for **Grade 10 Science** Curriculum) as well as a curriculum supplement on Woodland Caribou designed to enhance **Grade 12 Biology**. In 2010, we completed the development of a **Grade 10 Social Studies** curriculum supplement on sustainable forestry, which includes a GIS exercise based on caribou data from the Eastern Manitoba Woodland Caribou Advisory Committee. The curricula meets all the teaching outcomes mandated by the Province of Manitoba. Printed copies are provided to all teachers in Manitoba free of charge, and the documents are one of the most frequently downloaded MBMF publications. The MBMF also offers professional development in-service training to assist teachers in the implementation of these curricula. We also continue 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 bio-monitoring sites and forest regeneration sites.

Specific activities for 2011-12 will include:

- Development of an educational DVD depicting the ecological effects of a large wind storm in the Whiteshell Provincial Park (see Scenario Planning project description), and including it in MBMF educational programming.
- 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)
- Deliver workshops at annual SAG (Special Area Group) Conferences which highlight forest based curriculum materials, and research results which teachers can share with their classes (i.e. Bio-monitoring, Woodland Caribou management)
- Working with divisional Science Consultants to conduct workshops to assist teachers in the use and delivery of curriculum materials developed by the Manitoba Model Forest
- Working with the Manitoba Forestry Association, update and revise a series of mini-lessons in forestry and forest ecology in a “one-pager” format for as a resource for teachers in science and social studies. These will be posted on the MBMF and Manitoba Forestry Association’s websites.
- Working in collaboration with the Manitoba Forestry Association, Louisiana Pacific and the Swan Valley School Division, develop an outdoor education program focused on the

ecological, social and economic aspects of forestry and forest ecosystems, in the Duck Mountains of western Manitoba.

Budget:

Funding Partner	Cash	In-kind	Total
NRCan-CFS (Core Funding)	\$15,000	-	\$15,000
Manitoba Hydro	\$15,000	\$500	\$15,500
Louisiana Pacific	-	\$13,000	\$13,000
Swan Valley School Division	-	\$12,500	\$12,500
U of M	-	\$1,000	\$1,000
U of W	-	\$1,000	\$1,000
Manitoba Forestry Assoc.	-	\$7,000	\$7,000
MBMF	-	\$6,000	\$6,000
Science Teacher's Assoc of Mb.	-	\$500	\$500
Total	\$30,000	\$41,500	\$71,500

Outputs:

- Workshop presentations to students in Faculty of Education from both major Universities
- Downloadable mini-lessons for posting on MBMF website
- Curriculum workshops with divisional Science Consultants to assist in implementation of curriculum materials in classrooms
- Session and annual Special Area Group (SAG) conference, on MBMF curricula materials
- Development of a new outdoor education program in the Duck Mountains

Other Project Partners: None

Project Title: Woodlot Education Project Number: 11-4-09 Theme Area: Education Project Leader: Patricia Pohrebniuk, Manitoba Forestry Association Project Status: On-going, Year 5 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.



Specific activities for 2011-12 will include:

- Organizing and implementing workshops on ‘Woodlot Management for Landowners’. These workshops will teach landowners and woodlot owners sustainable forest management techniques, including best management practices, selection harvesting, tree planting, non-timber forest products, wildlife enhancement, soil and water conservation, recreational opportunities, and Christmas tree/hybrid poplar plantation establishment and management. Participants will receive a variety of handout information including Manitoba Forestry Association and Trees for Tomorrow seedling order forms, tree and shrub information, wildlife enhancement information, FireSmart guidelines as well as a best management practices.
- Organizing and implementing a ‘Manitoba Maple Syrup’ field day in March/April 2011 consisting of an in-class presentation and an outdoor collection/boiling off process. Woodlot owners are always interested in supplemental income from NTFP’s. Producing Manitoba maple syrup is becoming a common woodlot related activities for landowners across Manitoba.
- Organizing and implementing an educational charter bus tour for woodlot owners and landowners interested in sustainable woodlot practices. The tour will take place in late September to Swan River, MB to see the operations of the sawmill at Spruce Products Ltd. and Louisiana-Pacific Canada Ltd’s OSB mill. These bus tours are always filled to capacity with eager landowners. The bus tours are always fun and informative for woodlot owners of all ages.
- Organizing and implementing a fall field day highlighting wild edibles, wildlife benefits including bird watching and wildlife habitat identification and creation, GPS and mapping skills and trail construction. Woodlot owners are always interested in new and innovative ways of enjoying the recreational potential of their woodlots.

Budget:			
Funding Partner	Cash	In-kind	Total
NRCan-CFS (core)	\$3,200	-	\$5,000
Manitoba Forestry Association – Woodlot Program	-	\$3,000	\$3,000
Manitoba Christmas Tree Grower’s Association	-	\$300	\$300
Manitoba Model Forest	-	\$2,000	\$2,000
Woodlot Association of Manitoba	-	\$500	\$500
Winnipeg River Learning Centre	-	\$500	\$500
Manitoba Conservation – Forestry Branch	-	\$500	\$500
Total	\$3,200	\$6,800	\$10,000
Outputs:			
<ul style="list-style-type: none"> ▪ Regional workshops, bus tours and field/forest days involving local woodlot owners/farmers/landowners ▪ Handout information on BMP’s, woodlot management, sustainable harvesting, tree planting, tree diseases, tree maintenance, biodiversity, wildlife benefits, soil and water conservation. ▪ Media coverage in local newspapers. ▪ Landowners will learn about, and participate in both of the Manitoba Forestry Association and Trees for Tomorrow planting programs. ▪ Landowners will learn about other organizations involved sustainable forestry practices such the Woodlot Association of Manitoba, Manitoba Christmas Tree Growers Association, Manitoba Forestry Association, and the Manitoba Model Forest. ▪ 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 			
Other Project Partners: None			

Project Title: Climate Change Project Number: 11-4-15 Theme Area: Education Project Leader: Stan Kaczanowski, MBMF Past President Project Status: On-going, Year 4 of 4	2008-09
<p>Purpose: To provide forest-based communities with information regarding the potential risks and opportunities related to climate change, to assess community vulnerability to climate change and to provide adaptation strategies to communities.</p>	
<p>Description: During Phase III of the Model Forest program, the MBMF hosted a number of workshops on climate change in communities throughout the MBMF area. The workshops brought in experts from across the country to share information on a variety of topics related to climate change, including the potential impacts on forests, water, wildlife and rural communities, and predictive models (e.g., global circulation models). The workshops were designed to engage and educate communities about the potential threats and possible opportunities due to climate change. In addition, workshops were also held regarding community vulnerability and methods to manage and reduce risks from wildfires. The community of Victoria Beach (in the MBMF area) participated in a pilot project on vulnerability assessment with the Canadian Forest Service. As part of this, the community undertook a risk assessment of the area and utilized Red Zone software. Red Zone (www.redzonesoftware.com) is a software information system that provides for the storage of information critical for community planning in wildfire risk reduction and to enable first responders to more efficiently respond to emergency situations. In 2008/09, a number of workshops were held by the MBMF in communities in the MBMF area, and to the south that focused on protecting communities from wildfire. The manual “Fire Smart: Protecting Your Community From Wildfire”, developed by Partners in Protection (an Alberta-based coalition of professionals involved in emergency services, land-use planning and park management – www.partnersinprotection.ab.ca) was used as a basis for discussions with these communities.</p>  <p>In 2009, the MBMF facilitated a partnership between Manitoba Conservation (Fire Management), the Office of the Fire Commissioner and the Whiteshell Cottager’s Association, to begin the development of a protection plan for the Whiteshell Provincial Park. In 2010, the MBMF helped the RM of Victoria Beach develop a Community Wildfire Protection Plan.</p> <p>Specific activities for 2011-12 include:</p> <ul style="list-style-type: none"> ▪ Continuation on the development of a protection plan in the Whiteshell Provincial Park ▪ As part of a Canadian Model Forest Network Strategic Initiative, initiate a project with one or more MBMF communities, to assess and pilot the recently-developed CMFN guidebook “Pathways to Climate Change Resilience: A Guidebook for Canadian Forest-based Communities” 	

Budget:			
Funding Partner	Cash	In-kind	Total
NRCan-CFS (Core Funding)	\$8,000	-	\$5,000
Manitoba Conservation	-	\$10,000	\$10,000
Office of the Fire Commissioner	-	\$5,000	\$5,000
Whiteshell Cottager's Association	-	\$2,500	\$2,500
RM of Victoria Beach	-	\$2,000	\$2,000
Total	\$8,000	\$19,500	\$27,500
Outputs:			
<ul style="list-style-type: none"> ▪ Draft Whiteshell Provincial Park protection plan ▪ Piloting of the CMFN climate change resilience guidebook 			
Other Project Partners: None			

Project Title: Education for Sustainable Development Project Number: 11-4-13 Theme Area: Education Project Leader: Bob Austman, Education Coordinator Consultant Project Status: On-going, Year 5 of 5	2007-08
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Purpose: To provide opportunities for students, teachers and stakeholders to learn about the boreal forest and its management.

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, forest tours, 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. The United Nations has declared 2011 as the International Year of Forests. We will use this theme to continue to engage youth and students in activities that reconnect them to the forest, and to give them a greater appreciation of our forest resources



Specific activities for 2011-12 will include:

- Screening of the movie “**Play Again**” in schools and communities in the MBMF area. The film highlights the need for, and benefits of reconnecting our youth to nature and our forests
- Celebration and activities with schools during **National Forestry Week**
- Participating in the planning of, and implementing the **2011 Provincial Envirothon** (coordinated by the Manitoba Forestry Association). The MBMF Education Coordinator is on the planning committee and several MBMF Board members will participate in the judging.
- Hosting one of the regional Envirothon competitions in May 2011
- In collaboration with the Manitoba Forestry Association, continuation of the **Young Masters Program**, with schools in the MBMF area
- Delivering a **Summer Institute for Teachers** on Sustainable Forest Ecosystems, which consists of training on MBMF curriculum and experiential learning for teachers on boreal forest ecology in Nopiming Provincial Park
- **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)
- Expansion and development of interpretive programs at the **MBMF Demonstration Trail**
- 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 natural resource

management issues at the province-wide Special Area Group conference (a series of one-day workshops facilitated by MB Education, Citizenship, and Youth for all teachers in the province)

- Presentations on the MBMF program at various conferences and workshops
- Conducting forest tours
- Assisting in the delivery of workshops for landowners on a variety of private forest management topics, such as tree planting, woodlot management plans, and skill development such as the use of small sawmills

Note: In addition to the cash funding identified below, and additional estimated \$1,200 in cash funding will be provided to the project from non-CFS carry-forward funding from the previous fiscal year.

Budget:

Funding Partner	Cash	In-kind	Total
NRCan-CFS (Core Funding)	\$8,300	-	\$8,300
Manitoba Hydro	\$10,000	\$1,500	\$11,500
Manitoba Forestry Association	-	\$2,000	\$2,000
MB Conservation	-	\$2,500	\$2,500
Louisiana Pacific	\$10,000	\$2,000	\$2,000
Woodlot Association of MB	-	\$2,000	\$2,000
Manitoba Education, Citizenship, and Youth (MECY)	-	\$1,000	\$1,000
Total	\$28,300	\$11,000	\$39,300

Outputs:

- Greater awareness of our youth with respect to the importance of our forests, through screenings of the movie “Play Again” and other activities during National Forestry Week
- 2011 Envirothon Program, including hosting one of the regional competitions in the MBMF area
- Continuation of Young Masters Program
- Expansion and development of interpretive programs at the MBMF Demonstration Trail
- 2011 Forest Ed for Teachers
- 2011 Summer Institute for Teachers
- Presentations on MBMF projects and initiatives to MBMF region schools
- Natural Resource management workshop at provincial Special Area Groups (SAG) teacher conference
- Presentation of the MBMF program at various conferences and workshops
- Forest tours for schools and other groups such as First Nations Science Fair Participants, St. James SD Science Enrichment Team, Green Teams, Envirothon Teams, etc.
- Capacity building workshops for private woodlot owners

Other Project Partners: None

<p>Project Title: Development of Indigenous Ethno-tourism enterprises in Costa Rica Project Number: 11-6-01 Theme Area: International Programs Project Leader: Brian Kotak, General Manager of MBMF Project Status: On-going, Year 5 of 5</p>	<p>2007-08</p>
<p>Purpose: To initiate an ethno-tourism project with the Nairi Awari communities of Costa Rica which focuses on providing eco-tourism and cultural education opportunities</p> <p>Description: In 2007, Brokenhead Ojibway Nation (BON) and the MBMF initiated a project with the Reventazon Model Forest, the Ibero-American Regional Model Forest Network and Centro Agronomico Tropical de Investigacion y Ensenanza (CATIE) on ethno-cultural tourism with the Nairi Awari (Indigenous) peoples of Costa Rica. The project has been funded by our Model Forest, Canadian International Development Agency and the United Nations Small Grants Program.</p> <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 Cabécar 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 BON and the MBMF that includes learning from each other, technology transfer and indigenous youth exchanges.</p> <p>To date, almost all infrastructure has been completed at the river camp (including a 2 story rancho building for cooking, dining and cultural activities, washroom facilities with flush toilets and showers, tenting platforms, mirador-look out platform, and hiking trails), as well as the construction of a septic field, drinking water treatment, solar power, 2 solar/propane fridges and the purchase of a raft and associated safety equipment. Only a few remaining steps need to be completed for the Jameikari river camp to be fully functional.</p> <p>Activities to occur in 2011-12 will include:</p> <ul style="list-style-type: none"> ▪ Completion of infrastructure (building of 2 cabins in the Jameikari community (about a 1 hour hike from the river camp), to allow tourists to stay right in the community ▪ Completion of training that was not accomplished yet ▪ Hiring of a part-time English teacher, that will teach in the community ▪ Promotion of the new eco-tourism business ▪ Travel to the Nairi Awari communities to discuss future community development projects, and to identify funding sources 	



Budget:			
Funding Partner	Cash	In-kind	Total
NRCan-CFS (core funding)	\$5,000	-	\$5,000
MBMF	-	\$5,000	\$5,000
Brokenhead Ojibway Nation	-	\$5,000	\$5,000
Community of Jameikari	-	\$5,000	\$5,000
Reventazon Model Forest	-	\$2,000	\$2,000
CATIE	-	\$1,000	\$1,000
Total	\$5,000	\$18,000	\$23,000
Planned Outputs:			
<ul style="list-style-type: none"> ▪ 2 houses for tourists in the Jameikari community ▪ Training of community members in eco-tourism business management ▪ Improved capacity of Jameikari community members to communicate in English ▪ Various promotional materials (brochures, website) ▪ Long-term plan for community development in 8 Nairi Awari communities 			
<p>Other Project Partners: Asociación de Turismo Cultural Indígena Cabécar Jameikári (ATCICJ), Ministry of Environment and Energy (MINAE), National Commission on Indigenous Affairs (CONAI), National Institute of Apprenticeship (INA), Ibero-American Regional Model Forest Network, communities of Nairi Awari.</p>			

Project Title: Communicatons Strategy Implementation
Project Number: 11-7-01
Theme Area: Communications and Outreach
Project Leader: Brian Kotak, General Manager of MBMF
Project Status: On-going, Year 5 of 5

2007-08

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 are responsible for developing and maintaining several of our communications tools including our website (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 2010-11 work plan period include:

- Completion and publication of a 15 Year Achievements report, highlighting important milestones, achievements and the history of the Manitoba Model Forest from 1992 to 2007
- Production of the MBMF annual report
- Publication of a “FCP- The First Five Years Achievements” report, summarizing the successes of the MBMF during the FCP
- Production of two issues of the MBMF Newsletter “For All Our Relations”
- Continuation of updating of the MBMF website. Posting of new MBMF reports in pdf format to the website

Budget:

Funding Partner	Cash	In-kind	Total
NRCan-CFS (core funding)	\$10,000	-	\$10,000
Total	\$10,000	-	\$10,000

Planned Outputs:

- MBMF 15 Year Achievements report
- MBMF annual report
- MBMF FCP Achievements report
- For All Our Relations newsletters
- Updated website

Other Project Partners: None

Project Title: Communicatons Support Project Number: 11-7-02 Theme Area: Communications and Outreach Project Leader: Brian Kotak, General Manager of MBMF Project Status: On-going, Year 5 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 2011-12 work plan period include:

- Meetings with politicians, government departments and funding agencies to highlight the successes of the MBMF and FCP program, and to seek core and project funding into the future. Publications developed in the Communications Strategy Implementation project will be highlighted in these meetings.
- Promoting educational activities related to the United Nations International Year of Forests
- Hosting tours of the MBMF to visiting dignitaries
- Periodic financial support of project members (e.g., Board members, project members) to attend conferences and workshops on behalf of the organization.
- Financial support of relevant workshops highlighting Model Forest projects
- Additional copies of existing communication tools such as MBMF DVDs and curriculum packages
- Support for communication activities with the Canadian Model Forest Network and the International Model Forest Network
- Membership fee in the CMFN
- Creation of promotional materials for hand-out at various venues (schools, workshops, conferences, etc)
- Creation of a 18 month MBMF calendar that describes locations and projects in the MBMF area

Budget:

Funding Partner	Cash	In-kind	Total
NRCan-CFS (core funding)	\$10,000	-	\$10,000
Total	\$10,000	-	\$10,000

Planned Outputs:

- Meetings with funders and decision-makers and secured funding for the next 5 years of the MBMF
- Hosting of forest tours
- Presence/attendance of MBMF partners at conferences and workshops
- MBMF DVDs and curriculum materials provided to schools and teachers
- Involvement in Canadian Model Forest Network and International Model Forest Network communications
- Various promotional materials
- MBMF calendar highlighting MBMF areas and projects

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 MBMF partners. Table 4.2 provides a five year budget forecast of proposed NRCan-CFS funding expenditures by Theme Area only. Finally, Table 4.3 shows a quarterly cash-flow projection for NRCan-CFS funding and Table 4.4 shows the monthly cash-flow projection.

Table 4.1 Program expenditures and in-kind estimates during the period of April 1, 2011 to March 31, 2012 by Theme Area and projects. Note: cash funding below does not include any carry-forward funding from the previous MBMF fiscal year.

Theme Area and Project	NRCan-CFS (FCP Funds)	Partner/Other		Total
		Cash	In-kind	
Administration	Cash	Cash	In-kind	Total
Salaries and Associated Deductions	\$90,000	\$510	-	\$90,510
Supplies and Services	\$20,000	\$8,000	-	\$28,000
Staff Travel	\$9,000	-	-	\$9,000
Board Travel and Support	\$10,000	\$2,000	\$109,900	\$121,900
Subtotal	\$129,000	\$10,510	\$109,900	\$249,410
Forest Community Engagement				
Working Group Support	-	-	\$16,800	\$16,800
Moose Management	\$13,900	\$10,000	\$77,800	\$101,700
Traditional Area Advisory Committees	\$21,000	\$25,000	\$96,700	\$142,700
Brokenhead Wetlands	\$8,100	-	\$32,000	\$40,100
Trapper Involvement	\$9,000	-	\$17,400	\$26,400
Alternative Economic Opportunities from the Forest	\$35,000	\$45,000	\$13,500	\$93,500
First Nations Local Involvement	\$500	-	\$4,000	\$4,500
Subtotal	\$87,500	\$80,000	\$258,200	\$425,700

Table 4.1 (continued)

Theme Area and Project	NRCan-CFS (FCP Funds)	Partner/Other		Total
		Cash	In-kind	
Integrated Landscape Management	Cash	Cash	In-kind	Total
Working Group Support	-	-	\$12,600	\$12,600
Caribou Management	\$10,000	\$206,500	\$123,100	\$339,600
Stakeholder-based Watershed Management in Western MB	-	\$5,000	\$45,500	\$50,500
Terrestrial Bio-monitoring	\$7,600	-	-	\$7,600
Landscape Design	-	-	\$7,500	\$7,500
Scenario Planning	-	-	\$4,000	\$4,000
Subtotal	\$17,600	\$211,500	\$192,700	\$421,800
Education				
Working Group Support	\$1,000	-	\$18,000	\$19,000
Winnipeg River Learning Centre	\$5,000	\$25,000	\$469,500	\$499,500
Junior Rangers	\$25,400	\$20,000	\$65,600	\$111,000
Curriculum	\$15,000	\$15,000	\$41,500	\$71,500
Woodlot Education	\$3,200	-	\$6,800	\$10,000
Climate Change	\$8,000	-	\$19,500	\$27,500
Education for Sustainable Development	\$8,300	\$20,000	\$11,000	\$39,300
Subtotal	\$65,900	\$80,000	\$631,900	\$777,800
International Programs				
Costa Rica-Reventazon MF	\$5,000	-	\$18,000	\$23,000
Subtotal	\$5,000	-	\$18,000	\$23,000
Communications and Networking				
Communications Strategy Implementation	\$10,000	-	-	\$10,000
Communications Support	\$10,000	-	-	\$10,000
Subtotal	\$20,000	-	-	\$20,000
Grand Total	\$325,000	\$382,010	\$1,210,700	\$1,917,710

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

Theme Area and Project	2007/08 (Actual)	2008/09 (Actual)	2009/10 (Actual)	2010/11 (Projected)	2011/12 (Projected)	Total
Administration	\$82,582	\$168,585	\$160,403	\$160,400	\$129,000	\$700,970
Forest Community Engagement	\$15,692	\$51,340	\$62,694	\$46,100	\$87,500	\$263,326
Integrated Landscape Management	\$12,454	\$9,000	\$7,460	\$29,500	\$17,600	\$76,014
Education	\$16,439	\$51,529	\$45,551	\$49,000	\$65,900	\$228,419
International Programs	\$15,093	\$15,000	\$14,955	\$15,000	\$5,000	\$65,048
Communications and Networking	\$29,986	\$30,241	\$33,921	\$25,000	\$20,000	\$139,148
Total	\$172,246	\$325,695	\$324,984	\$325,000	\$325,000	\$1,472,925

Table 4.3 Quarterly Cash Flow Projection for Forest Community Program funding during Fiscal 2011-12.

Theme Area	Q1 Apr -June	Q2 July-Sept	Q3 Oct-Dec	Q4 Jan-Mar	Total
Administration	\$29,750	\$37,750	\$30,250	\$31,250	\$129,000
Forest Community Engagement	\$23,125	\$28,225	\$22,125	\$14,025	\$87,500
Integrated Landscape Management	\$8,500	\$4,100	\$2,500	\$2,500	\$17,600
Education	\$19,000	\$23,000	\$13,700	\$10,200	\$65,900
International Programs	\$0	\$0	\$0	\$5,000	\$5,000
Communications and Networking	\$8,500	\$3,500	\$4,500	\$3,500	\$20,000
Total	\$88,875	\$96,575	\$73,075	\$66,475	\$325,000

Table 4.4 Monthly Cash Flow Projection for Forest Community Program funding during Fiscal 2011-12.

Theme Area	April 2011	May 2011	June 2011	July 2011	Aug 2011	Sept 2011	Oct 2011	Nov 2011	Dec 2011	Jan 2012	Feb 2012	Mar 2012	Total
Administration	\$9,916	\$9,916	\$9,918	\$12,583	\$12,583	\$12,584	\$10,083	\$10,083	\$10,084	\$10,416	\$10,416	\$10,418	\$129,000
Forest Community Engagement	\$7,708	\$7,708	\$7,709	\$9,408	\$9,408	\$9,409	\$7,375	\$7,375	\$7,375	\$4,675	\$4,675	\$4,675	\$87,500
Integrated Landscape Management	\$2,833	\$2,833	\$2,834	\$1,366	\$1,366	\$1,368	\$833	\$833	\$834	\$833	\$833	\$834	\$17,600
Education	\$6,333	\$6,333	\$6,334	\$7,666	\$7,666	\$7,668	\$4,566	\$4,566	\$4,568	\$3,400	\$3,400	\$3,400	\$65,900
International Programs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	\$0	\$0	\$5,000
Communications and Networking	\$2,833	\$2,833	\$2,834	\$1,166	\$1,166	\$1,168	\$1,500	\$1,500	\$1,500	\$1,166	\$1,166	\$1,168	\$20,000
Total	\$29,623	\$29,623	\$29,629	\$32,189	\$32,189	\$32,197	\$24,357	\$24,357	\$24,361	\$25,490	\$20,490	\$20,495	\$325,000

5.0 Other

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List of Manitoba Model Forest Board of Directors

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