

Manitoba Model Forest Inc.

2009-10 Annual Work Plan

For The Forest Communities Program



**Approved by the MBMF Board of Directors
February 25, 2009**

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1.0 Introduction

This is the third work plan of the Manitoba Model Forest (MBMF) under the Forest Communities Program (FCP) of the Canadian Forest Service. The work plan covers the period from April 1, 2009 to March 31, 2010. This work plan was approved by resolution of the MBMF Board of Directors on February 25, 2009.

The FCP, the MBMF 5 Year Strategic Plan and our annual work plan address the significant challenges faced by rural, forest-based communities and forest-based industries which support such communities. 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, and, under the FCP, also includes parts of the Prairie and Boreal Plains Ecoregions of western Manitoba. The 2009-10 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.

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. Projects that have been added since the 2008-09 work plan are highlighted in yellow.

Administration

- Salaries
- Supplies and Services
- Travel
- Board Support

Forest Community Engagement and Capacity Building

- Provision of funding for community-based economic development, environmental and education projects, with an emphasis on alternative economic opportunities from the forest
- Community involvement in moose management, including exploration of co-management approaches
- Involvement of First Nation communities of western Manitoba in the MBMF program
- Support of First Nation Traditional Area Advisory Committees
- Exploration of linkages to First Nation land use planning
- Production of a trappers “best management practices” manual and provision of trapper education and related courses to First Nation youth
- 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. Participating in the Canadian Model Forest Network (CMFN) Strategic Initiative on NTFPs.
- Development of a First Nations Local Involvement Committee, to facilitate increased participating by First Nation communities in the MBMF programs and projects (New)

Integrated Landscape Management

- Woodland caribou research, management, mitigation planning and development of conservation strategies
- Identification and modeling the occurrence of plant species important to First Nation communities
- Improving forest inventories by conducting surveys for provincially and regionally-rare plant species
- Water quality monitoring and development of watershed management tools
- Establishment of watershed monitoring projects in western Manitoba
- Terrestrial bio-monitoring and assessments of the fate of forested riparian buffers
- Development of a provincial landscape design guidebook for forest management planning
- Refinement of a computer visualization tools and 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
- Assessment of the distribution of golden-winged warblers in western Manitoba (New)
- Assessment of the use by wildlife of forest harvest areas (New)
- Assessment of the nesting requirements of the Barred Owl in Manitoba (New)

Education

- Support for and implementation of training programs of the Winnipeg River Learning Centre
- Hosting a Junior Rangers program. Participation in the CMFN Strategic Initiative on Aboriginal Youth Training
- Development of provincially-accredited natural resource-based curricula
- Education of private woodlot owners
- Participation in the CMFN Strategic Initiative on woodlot ecological goods and services
- Community vulnerability assessments for climate change and development of community fire protection plans
- School programs and educational outreach

International Programs

- Implementation of an ethno-tourism project in collaboration with the Reventazon Model Forest (Costa Rica)

Communications and Outreach

- Development of communication tools to enhance the MBMF floor-standing display
- Production of newsletters and annual report
- Production of a “15 year achievements” report
- Production of project fact sheets
- 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 (New)
- Production of a book that highlights, in part, natural scenic areas in the MBMF area (New)

The projects and activities are described in detail in Section 3, and represent a combination of on-going MBMF projects as well as new projects being initiated under the FCP.

The 2009-10 work plan is consistent with our 5 Year Strategic Plan, with one exception. We are proposing to utilize more of the FCP funding to pay for community-based projects (in the Forest Community Engagement and Capacity Building Theme area) and education projects (in the Education Theme area) and less FCP funding on science-based projects (in the Integrated Landscape Management Theme area). While we are proposing to change the use of FCP funds in these “non-administrative” projects, this does not change the original proportion of funds that are used for administration. The NRCan-CFS requirement to allocate less than 50% of FCP funds in 2009-10 for administrative expenses has been met.

2.0 Linkages Between Activities/Projects and Outputs/Outcomes

Each project identified in the 2009-10 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 2009-10 annual work plan based on the Performance Measurement Strategy.

Table 2.1 Summary of Outcomes and Outputs for Projects Contained in the 2008-09 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 ▪ 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 |
| | | Community Opportunities Program | <ul style="list-style-type: none"> ▪ Local, community-driven projects ▪ Newspaper articles highlighting projects ▪ MBMF Annual report which highlights the projects |

| Intermediate Outcome | Immediate Outcome | Project | Outputs |
|--|--|--|--|
| Increased opportunities for communities to diversify economies (continued) | Increased engagement of communities in MBMF decision-making, projects and activities (continued) | First Nation Engagement in Western MB | <ul style="list-style-type: none"> ▪ Meetings and meeting minutes with First Nation communities in western Manitoba, regarding future MBMF programming in western Manitoba ▪ Presentations and field trips for First Nation schools in western MB to explore issues related to natural resource management |
| | | First Nations Local Involvement Committee | <ul style="list-style-type: none"> ▪ Meetings and meeting minute 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"> ▪ Revision of curriculum materials for an intensive NTFP training course ▪ Offering one or more of the above training courses ▪ Assessment of what NTFP are being produced in the MBMF area |

| Intermediate Outcome | Immediate Outcome | Project | Outputs |
|--|---|--------------------|---|
| 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 ▪ Synthesis and QA/QC of data ▪ Database on distribution and population status of various woodland caribou ranges in eastern Manitoba ▪ 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 ▪ Calving site and nursery habitat report for Owl Lake range ▪ Recommendations for caribou calving/nursery habitat protection ▪ Development of summer habitat strategy for Owl Lake range ▪ Report on the identification of winter and fall rutting habitat for Atiko range ▪ 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) | Species of Special Interest | <ul style="list-style-type: none"> ▪ Field verification of initial suite of selected plants ▪ Refinement of predicted models ▪ Meetings with First Nation communities |
| | | Rare Species | <ul style="list-style-type: none"> ▪ New partnerships with NGOs ▪ Database on rare plant species |
| | | Watershed Management Tools | <ul style="list-style-type: none"> ▪ Water quality data and a report summarizing baseline water quality on a suite of important rivers in eastern Manitoba ▪ Planning documents for watershed harvesting experiment |
| | | Western Manitoba Golden-winged Warbler Monitoring Project | <ul style="list-style-type: none"> ▪ Meetings and meeting minutes of the GW Warbler Working Group ▪ Data on GW Warbler in western Manitoba ▪ Range map for GW Warbler for Manitoba ▪ Interim project report |
| | | Wildlife Use of Forest Harvest Areas | <ul style="list-style-type: none"> ▪ Data on wildlife (of interest to trappers and outfitters) use of forest harvest areas ▪ Interim project report ▪ Collaboration between forest industry, trappers and outfitters |

| 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) | Stakeholder-based Watershed Management in Western Manitoba | <ul style="list-style-type: none"> ▪ Planning meetings and meeting minutes ▪ Water quality research program framework document ▪ Funding proposals |
| | | Terrestrial Bio-Monitoring | <ul style="list-style-type: none"> ▪ Involvement of schools in forest bio-monitoring |
| | | Landscape Design | <ul style="list-style-type: none"> ▪ Forest Practices Committee meeting minutes ▪ White paper on landscape design |
| | | Scenario Planning | <ul style="list-style-type: none"> ▪ Refinement of computer-generated DVD depicting forest depletion caused by a windstorm, a salvage harvest operation and forest regeneration over time in a 2007 windstorm area within Whiteshell Provincial Park. ▪ Educational DVD of the above ▪ Interpretive program for the model and DVD |
| | | Nesting Requirements of Barred Owl in Manitoba | <ul style="list-style-type: none"> ▪ Database of Barred Owl nest sites in Manitoba ▪ Habitat analysis of nest sites 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) | Committee for Cooperative Moose Management | <ul style="list-style-type: none"> ▪ CMM meeting minutes ▪ Planning documents re: moose co-management concept ▪ Moose population survey report |
| | | 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 ▪ Meetings and discussions with Sagkeeng First Nation regarding establishment of TAACs ▪ Provision of a venue for discussions between First Nation communities and resource industries with respect to resource extraction activities in each of the community's traditional areas. |
| | | First Nation Land Use Plans | <ul style="list-style-type: none"> ▪ Meetings and meeting minutes with First Nation communities to discuss the development of a land use project by the MBMF |
| | | Trapper Involvement | <ul style="list-style-type: none"> ▪ Trapper BMP manual ▪ Awareness in communities about the BMP manual |

| 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 Achievements report ▪ For All Our Relations newsletter ▪ Updated website ▪ Project fact sheets |
| | | Communications Support | <ul style="list-style-type: none"> ▪ Hosting of forest tours ▪ Presence/attendance of MBMF partners at conferences and workshops ▪ Shadows for the Forest DVD ▪ Brokenhead Wetlands DVD ▪ Involvement in Canadian Model Forest Network and International Model Forest Network communications ▪ Various promotional materials ▪ MBMF 18 month calendar ▪ Manitoba Naturally book, highlighting natural areas of the MBMF |

| 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"> ▪ 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 ▪ Establishment of WRLC Board Executive ▪ An active Winnipeg River Learning Centre Advisory Board ▪ Delivery of RRC Electrician, Book Keeping and Small Business, Human Resource Management, Health Care Aid, Land and Water Stewardship programs ▪ Pre-employment training workshops ▪ Draft long-term program plan – including potential programs unique to WRLC ▪ Participate in Eastern Manitoba Career Fair |
| | | Junior Rangers | <ul style="list-style-type: none"> ▪ Junior Rangers program ▪ Training of 30 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 | Enhanced & diversified opportunities for education and training (continued) | First Nation Engagement in Western Manitoba | <ul style="list-style-type: none"> ▪ Presentations and field trips with First Nation students to explore natural resource management issues |
| | | Trapper Involvement | <ul style="list-style-type: none"> ▪ Trapper Education, Canadian Firearm Safety and Hunter Safety courses offered in First Nation communities |

| 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"> ▪ Draft curriculum supplement for Senior 2 Social Studies ▪ 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 ▪ Educational resource package to highlight innovative, science based research projects within the Manitoba Model Forest which contribute to better forest management (i.e. bio-monitoring, stream monitoring, Woodland Caribou Research) ▪ Downloadable mini-lesson plans on MBMF website ▪ Curriculum workshops with divisional Science Consultants |

| 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 ▪ Site(s) for Manitoba for the CMFN EG&S Strategic Initiative |
| | | Climate Change | <ul style="list-style-type: none"> ▪ Community-based fire protection plan in one MBMF community ▪ Piloting of new CFS community vulnerability assessment workbook |

| 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"> ▪ 2009 Envirothon, ▪ Forest Ed and Forest Youth Symposium initiatives ▪ 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 such as First Nations Science Fair Participants, St. James SD Science Enrichment Team, Green Teams, Envirothon Teams, etc. ▪ Province-wide poster competition |
| 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 ▪ Work plan document ▪ Monitoring plan document ▪ Implementation of community infrastructure upgrades, including riverside cabins and cultural centre, upgrades to hiking trails, installation of solar power, waste water treatment, drinking water treatment, cell phone and internet service ▪ Initiation of community training program ▪ Cultural exchange program for BON and Cabecar youth |

| 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 NTFP Strategic Initiative ▪ Participate in CMFN Woodlot EG&S Strategic Initiative ▪ Participate in CMFN Aboriginal Youth Strategic Initiative |

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 2009-10 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, conducting a pilot project on First Nations co-management of moose, 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, riparian management, 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 trade school termed 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.

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: 09-1-01 Theme Area: Management and Administration Project Leader: Beverly Dube, MBMF Project Status: On-going, Year 3 of 5 | 2009-10 |
|---|---------|

Purpose: To ensure the proper and timely management of the administrative affairs of the MBMF by supporting the salaries/contracts of the Executive Assistant and General Manager.

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

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

Budget:

| Funding Partner | Cash | In-kind | Total |
|------------------|------------------|----------|------------------|
| NRCan-CFS (core) | \$117,010 | - | \$117,010 |
| Total | \$117,010 | - | \$117,010 |

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: 09-1-02 Theme Area: Management and Administration Project Leader: Beverly Dube, MBMF Project Status: On-going, Year 3 of 5 | 2009-10 |
|--|---------|

Purpose: To provide for the proper functioning of the MBMF office, coverage for liability and the financial accountability of the MBMF

Description: Funding is used to pay for all office supplies and services, as well as accounting services for the financial audit and various insurances. Key activities and components include:

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

Budget:

| Funding Partner | Cash | In-kind | Total |
|------------------|-----------------|-----------------|-----------------|
| NRCan-CFS (core) | \$29,000 | - | \$29,000 |
| Tembec | - | \$23,000 | \$23,000 |
| Total | \$29,000 | \$23,000 | \$52,000 |

Planned Outputs:

- Properly functioning MBMF office
- Insurance policies
- Financial audit

Other Project Partners: None

| | | | |
|---|----------------|----------------|----------------|
| Project Title: Travel Project Number: 09-1-04 Theme Area: Management and Administration Project Leader: Beverly Dube, MBMF Project Status: On-going, Year 3 of 5 | | | 2009-10 |
| 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: 09-1-06 Theme Area: Management and Administration Project Leader: Beverly Dube, MBMF Project Status: On-going, Year 3 of 5 | 2009-10 |
|---|---------|

Purpose: To provide for travel and support for Board meetings

Description: The MBMF Board of Directors is made up of a large diversity of organizations and communities and provides support and direction to the MBMF programs. On average, the Board meets approximately 7 times per year to review progress on programs and projects, review and approve strategic and annual work plans and budgets. Funding in this “project” is used to pay for costs associated with Board meetings. This includes:

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

Budget:

| Funding Partner | Cash | In-kind | Total |
|---|-----------------|------------------|------------------|
| NRCan-CFS (core) | \$4,990 | - | \$4,990 |
| Tembec | \$3,000 | \$4,200 | \$7,200 |
| RM Lac du Bonnet | \$1,000 | \$4,200 | \$5,200 |
| LDG of Pinawa | \$1,000 | \$4,200 | \$5,200 |
| MBMF | \$6,010 | - | \$6,010 |
| Board members (25 additional organizations) | - | \$102,900 | \$115,500 |
| Total | \$16,000 | \$115,500 | \$131,500 |

Planned Outputs:

- Board meeting minutes
- Approved Annual Work Plan that is consistent with Strategic Plan
- Approved Annual Budget
- MBMF Policies and Procedures
- Program/Project Planning Documents

Other Project Partners: Board members, representing 28 organizations

| | | | |
|---|----------------|-----------------|-----------------|
| Project Title: Forest Community Engagement and Capacity Building Working Group Support Project Number: 09-5-01 Theme Area: Forest Community Engagement and Capacity Building Project Leader: Brian Kotak, Manitoba Model Forest Project Status: On-going, Year 3 of 5 | | | 2009-10 |
| 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. | | | |
| Budget: | | | |
| Funding Partner | Cash | In-kind | Total |
| NRCan-CFS (core) | \$2,500 | - | \$2,500 |
| Working Group members (15 organizations) | - | \$20,400 | \$20,400 |
| Total | \$2,500 | \$20,400 | \$22,900 |
| 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 15 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, Northeast Sustainable Development Association, Sagkeeng First Nation, Shining Waters Heritage Region, Tembec, Winnipeg River Learning Centre, and Woodlot Association of Manitoba. | | | |

| | | | |
|---|-----------------|------------------------|-----------------|
| Project Title: Community Opportunities Program Project Number: 09-5-02 Theme Area: Forest Community Engagement and Capacity Building Project Leader: Bev Dube, Manitoba Model Forest Project Status: On-going, Year 2 of 4 | | | 2009-10 |
| 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. The MBMF may chose to focus project proposals on a particular theme (e.g., non-timber forest products, education) in any one year. When necessary, Model Forest staff assist communities and local organizations in completing the application form. The proposals are reviewed and judged based on predetermined criteria, by a subcommittee of the MBMF Board of Directors. | | | |
| <p>In 2009-10, the Community Opportunities Program will prioritize proposals that focus on alternative economic opportunities from the forest, although other economic, environmental and education proposals will be considered.</p> <p>Activities for 2009-10 include:</p> <ul style="list-style-type: none"> ▪ Advertising for the Community Opportunities Program ▪ Assisting communities and local organizations in preparing funding applications ▪ Review and recommending projects for approval by the MBMF Board of Directors ▪ Project communication and promotion | | | |
| Budget: | | | |
| Funding Partner | Cash | In-kind | Total |
| NRCan-CFS (core) | \$25,000 | - | \$25,000 |
| Community Opportunities Subcommittee (various organizations) | - | \$10,000 | \$10,000 |
| MBMF communities and local organizations with successful applications | - | \$50,000 ^{*1} | \$50,000 |
| Total | \$25,000 | \$60,000 | \$85,000 |
| ^{*1} estimated in-kind provided by successful communities and local organizations | | | |
| Planned Outputs: <ul style="list-style-type: none"> ▪ Local, community-driven projects, some of which will focus on alternative economic opportunities from the forest ▪ Newspaper articles highlighting projects ▪ MBMF Annual report which highlights the projects | | | |
| Other Project Partners: Successful community and local organization applicants (TBD) | | | |

| | |
|---|---------|
| Project Title: Committee for Cooperative Moose Management Project Number: 09-5-13 Theme Area: Forest Community Engagement and Capacity Building Project Leader: Kelly Leavesley, Manitoba Conservation Project Status: On-going, Year 3 of 5 | 2009-10 |
| <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, as well as to further discussions with local First Nation communities regarding a proposed moose co-management model.</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 to address moose management issues, undertake research, address operational issues and develop/direct recommendations to the forest industry and the Manitoba government based on these activities. The Committee for Moose Management participates in the monitoring of moose populations, the collecting of harvest data and populations, educating people about the spiritual value of moose (TEK), and condition of the moose habitat in the MBMF area. The CMM plays a major role in the establishment and development of road and access management plans, and in recommending prescriptions and/or actions that will contribute to healthy moose populations.</p> <p>By the early 2000's, the CMM had begun to conceptualize a co-management initiative referred to as the "Managed Moose Hunting Concept". In 2003/04, the "concept" had been roughly defined and the CMM started to talk to/get input from local First Nations, other communities and stakeholder groups on the possibility of developing a Pilot Project for a specified area within GHA (Game Hunting Area) 26 and/or GHA 17A. Initial discussions with Black River and Hollow Water FNs were positive and these communities subsequently acquired \$75,000 in INAC funding to continue discussions within their communities to determine if there were support for the "managed moose hunting concept", and if so, ideas for developing a Pilot Project. The CMM, the Manitoba Model Forest and Manitoba Conservation helped secure the INAC funding by contributing in-kind services and cash commitments for aerial surveys which would provide current population estimates for the GHA 26 and 17A moose populations. Major (GHA-wide) surveys were conducted in 2006 (for GHA 26) and 2007 (for GHA 17A), with a smaller survey (of the Happy Lake Study Area) occurring in 2008.</p> <p>The 2009/10 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; including the "managed moose hunting concept"; ▪ Synthesis and analysis of historical and current moose survey data to determine population trends and the current status of the GHA 26 and 17A moose populations; ▪ Presentation of the moose survey results 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 a key management area (e.g. Happy Lake Study Area) and subsequent tracking of these individuals

Budget:

| Funding Partner | Cash | In-kind | Total |
|----------------------------------|-----------------|-----------------|-----------------|
| NRCan-CFS (core) | \$7,500 | - | \$7,500 |
| Tembec Enterprises Inc | \$5,000 | \$3,000 | \$8,000 |
| Manitoba Conservation | | \$15,000 | \$15,000 |
| Brokenhead Ojibway First Nation | | \$1,200 | \$1,200 |
| Sagkeeng First Nation | | \$1,200 | \$1,200 |
| Black River First Nation | | \$3,600 | \$3,600 |
| Hollow Water First Nation | | \$3,600 | \$3,600 |
| Manitoba Metis Federation | | \$1,200 | \$1,200 |
| Manitoba Trapper's Association | | \$1,200 | \$1,200 |
| Pinawa Fish & Game Association | | \$1,200 | \$1,200 |
| Brokenhead R. Fish & Game Assoc | | \$1,200 | \$1,200 |
| Manitoba Archers and Bow Hunters | | \$1,200 | \$1,200 |
| Manitoba Model Forest | | \$1,200 | \$1,200 |
| Total | \$12,500 | \$34,800 | \$47,300 |

Planned Outputs:

- CMM meeting minutes
- Planning documents re: moose co-management concept
- Moose population survey report

Other Project Partners: None

| | |
|---|---------|
| Project Title: First Nation Engagement in Western Manitoba Project Number: 09-5-14 Theme Area: Forest Community Engagement and Capacity Building Project Leader: Brian Kotak, MBMF and Wade Cable, Louisiana Pacific Project Status: On-going, Year 3 of 5 | 2009-10 |
|---|---------|

Purpose: To provide support to the engagement of First Nation communities in western Manitoba into the MBMF program

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

Specific activities for 2009/10 will include:

- Continued meetings (that started in 2007-08) with LP to identify their research and partnership-building priorities
- MBMF presentations to First Nation schools and field trips for students to learn about natural resource management
- Promotion of the MBMF Junior Rangers program in First Nation communities
- Meetings with western Manitoba First Nation communities to assess their priorities and interest
- Continuing to work with West Regional Tribal Council to identify opportunities

Note: no new cash funding will be directed to this project in 2009/10. \$10,000 in 2008/09 carry-forward funding (non-NRCan-CFS funding) will be used for this project.

Budget:

| Funding Partner | Cash | In-kind | Total |
|-------------------------------------|------|-----------------|-----------------|
| Louisiana Pacific | - | \$2,000 | \$2,000 |
| MBMF | - | \$5,000 | \$5,000 |
| West Region Tribal Council | - | \$2,500 | \$2,500 |
| Western MB First Nation communities | - | \$5,000 | \$5,000 |
| Total | - | \$14,500 | \$14,500 |

Planned Outputs:

- Meetings and meeting minutes with Louisiana Pacific to identify their program needs in western Manitoba
- Meetings and meeting minutes with First Nation communities in western Manitoba, regarding future MBMF programming in western Manitoba
- School presentations and field trips for students
- Meetings and meeting minutes with West Region Tribal Council

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

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|---|---------|
| Project Title: Traditional Area Advisory Committees (TAACs) Project Number: 09-5-03 Theme Area: Forest Community Engagement and Capacity Building Project Leader: Rene Barker, MBMF Community Involvement Consultant Project Status: On-going, Year 3 of 5 | 2009-10 |
|---|---------|

Purpose: To support the establishment and functioning of Traditional Area Advisory Committees (TAACs) in each of the 4 MBMF area First Nation communities, as a mechanism to facilitate discussion between communities and resource industries.

Description: With the assistance of the MBMF, over the last 5 years two First Nation communities in the MBMF area have established Traditional Area Advisory Committees (TAACs). These community-based committees provide advice and information to their Chief and Councils on matters relating to resource development within their community's traditional areas. TAACs operated at arms-length from Chief and Council. Resource industries interact directly with the TAACs, discussing future or planned resource development activities (e.g., forestry, road building, mining exploration, etc). The TAACs are made up of a diverse cross section of community members, including trappers, fishermen, traditional plant harvesters, hunters, etc. TAACs also plan and hold field trips with local industries to view resource industry activities. The existence of TACCs has been seen as a great benefit both to the communities and the industries that wish to communicate with them. The TAACs provide an effective conduit of communication for resource industries and First Nation communities. At present, TAACs are well established in Hollow Water First Nation and at Black River First Nation, and a TAAC is being established in Brokenhead Ojibway Nation. Meetings will be held with Chief and Council of Sagkeeng First Nation to explore the desire for such a committee in their community.

Specific activities for the 2009/10 work plan include:

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

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

Budget:

| Funding Partner | Cash | In-kind | Total |
|---------------------------------|-----------------|------------------|------------------|
| NRCan-CFS (core) | \$5,000 | - | \$5,000 |
| Tembec Enterprises Inc | \$10,000 | \$9,000 | \$19,000 |
| MB Hydro | \$10,000 | - | \$10,000 |
| Hollow Water First Nation | - | \$30,000 | \$30,000 |
| Black River First Nation | - | \$30,000 | \$30,000 |
| Sagkeeng First Nation | - | \$3,000 | \$3,000 |
| Brokenhead Ojibway First Nation | - | \$30,000 | \$30,000 |
| MB Conservation | \$10,000 | \$6,000 | \$16,000 |
| Total | \$35,000 | \$108,000 | \$143,000 |

Planned Outputs:

- Meetings and meeting minutes associated with the Hollow Water FN, Black River FN and Brokenhead Ojibway Nation TAACs
- Meetings and discussions with Sagkeeng First Nation regarding establishment of TAACs
- Provision of a venue for discussions between First Nation communities and resource industries with respect to resource extraction activities in each of the community's traditional areas.

Other Project Partners: None

| | | | |
|---|-------------|-----------------|-----------------|
| Project Title: First Nation Land Use Planning Project Number: 09-5-15 Theme Area: Forest Community Engagement and Capacity Building Project Leader: None at present Project Status: On-going, Year 3 of 5 | | | 2009-10 |
| Purpose: To support the development and continual improvement to MBMF area First Nation land use plans | | | |
| Description: First Nations values and land use information is a critical component of any integrated landscape management plan. In Phase II of the Canadian Model Forest program, the MBMF provided support to two First Nation communities in the MBMF area to develop land use plans. These plans provide each community with a written and GIS-based record of locations of spiritual, cultural and economic importance in their traditional areas and provide information necessary for future land use decisions. The use of such land use information however, has not been consistent between the communities. Also, there are other First Nation communities in the MBMF area that do not have traditional land use plans. The MBMF will provide assistance to First Nation communities to develop traditional land use plans or to implement and use existing plans. This work plan will focus on planning: meeting with communities to identify their land use planning needs. <ul style="list-style-type: none"> ▪ This project has not yet been initiated. Currently, there are land use plans being developed within some First Nation communities under the WNO process (formerly called the Lake Winnipeg East Side Land Use Planning Process). It is unclear what role the MBMF may play in this. In 2009/10, discussions will be held with First Nations communities in the MBMF area to identify potential components for a MBMF project. | | | |
| Budget: | | | |
| Funding Partner | Cash | In-kind | Total |
| MBMF | - | \$5,400 | \$5,400 |
| Hollow Water First Nation | - | \$6,000 | \$6,000 |
| Black River First Nation | - | \$6,000 | \$6,000 |
| Brokenhead Ojibway First Nation | - | \$6,000 | \$6,000 |
| Total | - | \$23,400 | \$23,400 |
| Planned Outputs: | | | |
| <ul style="list-style-type: none"> ▪ Meetings and meeting minutes associated with Hollow Water First Nation, Black River First Nation and Brokenhead First Nation regarding potential projects under a land use plan project | | | |
| Other Project Partners: None | | | |

| | |
|--|---------|
| Project Title: Trapper Involvement Project Number: 09-5-10 Theme Area: Forest Community Engagement and Capacity Building Project Leader: Bob Yatkowsky, Tembec Enterprises Inc. Project Status: On-going, Year 3 of 5 | 2009-10 |
|--|---------|

Purpose: To involve the trapping community in MBMF projects and build capacity for their involvement in natural resource management decision-making.

Description: In Phase II of the Model Forest Program, the MBMF worked with the trapping community to develop a GIS-based database of trapper’s values (location of trails, cabins, high value habitat) in each registered trap line. This product has been used effectively to help plan forest harvesting areas in trap lines and to develop associated mitigation plans. In addition, the MBMF, with the assistance of the Manitoba Trappers Association, has recently completed a Best Management Practices (BMP) manual entitled “Integrating Furbearer Habitat Requirements and Trapper Concerns in Forestry Development”. The manual is written from a trappers perspective. The objectives of the manual are: 1) to create effective communications amongst industry, government and the trapping community, 2) promote respectful relationships in resource-based planning and development, 3) minimize negative impacts that forestry activities may have on trapping activities, 4) enhance stewardship initiatives in forestry and trapping, and 5) increase knowledge and understanding for resource users. The BMP manual will be “rolled out” in the First Nation communities in 2009/10.

Within some of the First Nation communities in the MBMF area, there has been a desire to provide trapper education training to their youth (with the assistance of community Elders), as well as training on firearm safety (i.e., Canadian Firearm Safety Course) and hunter safety. In addition, there has been a desire by some communities to re-develop local fur councils, which historically existed in the area.

Specific activities for the 2009/10 work plan include:

- Meetings in local communities to “roll out” the Best Management Practices manual
- Trapper education and training courses for youth in First Nation communities, including instruction by community Elders
- Canadian Firearm Safety Course and Hunter Safety Course offered in First Nation communities
- Meetings to facilitate the establishment of Local Fur Councils in interested First Nation communities
- Purchase of certified trap sets for use in First Nation communities (i.e., establishment of a “trap bank” that could be utilized by community trappers)
- Presentation by Manitoba Conservation on the status of Pine Martin and other furbearers in the MBMF area, to the First Nation communities

In addition to the cash funding indicated below, it is anticipated that additional cash funding resources will be available from carry-over funds from 2008/09 in this project (non-CFS funding). Part of the funding from this project will help pay for the contracted services of a First Nation Community Engagement Consultant.

| | | | |
|------------------------|-------------|----------------|--------------|
| Budget: | | | |
| Funding Partner | Cash | In-kind | Total |

| | | | |
|--|----------------|-----------------|-----------------|
| NRCan-CFS (core) | \$5,500 | - | \$5,500 |
| Tembec Enterprises Inc | \$4,000 | \$1,800 | \$5,800 |
| Hollow Water First Nation | - | \$13,500 | \$13,500 |
| Black River First Nation | - | \$13,500 | \$13,500 |
| Brokenhead Ojibway First Nation | - | \$13,500 | \$13,500 |
| Manitoba Trapper's Association | - | \$900 | \$900 |
| Manitoba Conservation | - | \$1,800 | \$1,800 |
| MBMF | - | \$3,600 | \$3,600 |
| Total | \$9,500 | \$48,600 | \$58,100 |
| Planned Outputs: | | | |
| <ul style="list-style-type: none"> ▪ Awareness in communities about the BMP manual ▪ Trapper Education training program for youth in 3 First Nation communities ▪ Involvement of First Nation Elders and trappers in the training program ▪ Firearms training courses in each First Nation community ▪ Establishment of Local Fur Councils ▪ Trap set bank in 3 communities ▪ Presentation on the population status of furbearers in the MBMF to each community | | | |
| Other Project Partners: None | | | |

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|--|---------|
| Project Title: Alternative Economic Opportunities from the Forest Project Number: 09-5-18 Theme Area: Forest Community Engagement and Capacity Building Project Leader: Bob Austman, MBMF Education Coordinator Consultant Project Status: On-going, Year 3 of 5 | 2009-10 |
| Purpose: To explore opportunities for alternative economic development in the MBMF area based on timber and non-timber forest products | |
| <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. Over the course of the 5 year FCP, the MBMF will conduct an initial exploratory survey of what NTFPs are being produced in Canada by reviewing information from the Northern Forest Diversification Centre (The Pas, Manitoba), the Centre for Non-Timber Resources and the associated Canadian Non-Timber Forest Products Network, based out of Royal Roads University (Victoria, BC) and other Canadian Model Forest Network sites which have historically worked on NTFPs. We will also explore opportunities with local communities in areas of tourism and eco-tourism, and guiding and outfitting.</p> <p>The MBMF will host workshops in communities and with woodlot owners within the MBMF area to highlight key areas of NTFP opportunities as well as value-added forest products. An inventory of what NTFPs are found in the MBMF will be developed, along with a community-based skills assessment. Courses and/or workshops will be developed and implemented through the new Winnipeg River Learning Centre. The MBMF will also assist communities in developing NTFP feasibility studies, conducting research on the distribution of certain NTFPs of interest, understanding the sustainable harvest levels of certain NTFPs and integrating NTFP harvesting with other forest-dependent industries (e.g., working with the forest industry to provide access to newly logged sites, adjacent old growth sites, etc). Special emphasis will be placed on bringing together Elders and youth from First Nation communities. Based on interest from communities, our Community Opportunities Program may be structured around NTFP proposals for one or more years. In addition to work on NTFPs in the MBMF area, we will also work with our international Model Forest partners (Reventazon Model Forest in Costa Rica) on development of NTFP opportunities and opportunities for cross marketing.</p> <p>In 2008/09, the MBMF, in partnership with Royal Roads University, Manitoba Forestry Association, Woodlot Association of Manitoba and Mr. David Buck, held a series of successful workshops in 5 communities (3 First Nation and 2 non-Aboriginal) in the MBMF. The workshops introduced participants to a variety of aspects of NTFPs including what are NTFPs, marketing, demonstrations and local enterprises. The intent of the workshops was to garner interest in establishing local NTFP-based enterprises in the MBMF area.</p> <p>Activities specific to the 2009/10 work plan include:</p> <ul style="list-style-type: none"> ▪ In cooperation with Royal Roads, support the revision of curriculum materials for an intensive training course on NTFPs ▪ In cooperation with Royal Roads, Manitoba Forestry Association, and the Woodlot Association of Manitoba, provide one or more offerings of the above course on NTFPs | |

through the Winnipeg River Learning Centre

- Initiate an assessment of what NTFPs are being produced in the MBMF area
- Working with local communities, plan for hosting a series of NTFP markets in 2010
- Participate in the CMFN Strategic Initiative on NTFPs

Budget:

| Funding Partner | Cash | In-kind | Total |
|--------------------------------|-----------------|-----------------|-----------------|
| NRCan-CFS (core funding) | \$15,000 | - | \$15,000 |
| Royal Roads University | - | \$9,000 | \$9,000 |
| Manitoba Forestry Assoc | - | \$900 | \$900 |
| Woodlot Assoc of MB | - | \$900 | \$900 |
| MBMF | - | \$3,000 | \$3,000 |
| Winnipeg River Learning Centre | - | \$2,400 | \$2,400 |
| Total | \$15,000 | \$16,200 | \$31,200 |

Planned Outputs:

- Revised NTFP curriculum
- Training of interested individuals using the revised curriculum in the MBMF area
- Survey of current NTFP businesses in the MBMF area
- Involvement in the CMFN Strategic Initiative on NTFPs

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

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|---|---------|
| Project Title: First Nations Local Involvement Committee Project Number: 09-5-19 Theme Area: Forest Community Engagement and Capacity Building Project Leader: Rene Barker, MBMF Community Involvement Consultant Project Status: New Project, Year 1 of 3 | 2009-10 |
|---|---------|

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) | \$2,500 | - | \$2,500 |
| Hollow Water First Nation | - | \$6,000 | \$6,000 |
| Black River First Nation | - | \$6,000 | \$6,000 |
| Brokenhead Ojibway First Nation | - | \$6,000 | \$6,000 |
| MBMF | | \$3,600 | \$3,600 |
| Total | \$2,500 | \$20,400 | \$22,900 |

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: 09-2-23 Theme Area: Integrated Landscape Management Project Leader: Vince Keenan, Tembec Enterprises Inc. Project Status: On-going, Year 3 of 5 | | | 2009-10 |
| 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: <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. | | | |
| Budget: | | | |
| Funding Partner | Cash | In-kind | Total |
| NRCan-CFS (core) | \$3,000 | - | \$3,000 |
| Working Group members (11 organizations) | - | \$12,600 | \$12,600 |
| Total | \$3,000 | \$12,600 | \$15,600 |
| 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 ▪ Presentations at workshops and conferences | | | |
| Other Project Partners: Working Group members, representing 11 organizations. These include Brokenhead Ojibway Nation, MB Conservation, Tembec, 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: 09-2-33 Theme Area: Integrated Landscape Management Project Leader: Dennis Brannen, Manitoba Conservation Project Status: On-going, Year 3 of 5 | 2009-10 |
| <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 and management plans 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 First Nation communities, forest industry, government and local and provincial stakeholder organizations. 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; • 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; • Conduct research that will improve the understanding of caribou ecology on the east side of Lake Winnipeg. <p>Activities specific to the 2009/10 work plan include:</p> <ul style="list-style-type: none"> ▪ Activities specific to the Owl Lake Range <ul style="list-style-type: none"> ○ Completion of experimental harvest and begin discussions of road retirement ○ Continue monitoring of caribou and habitat response to experimental harvest prescriptions and begin preliminary analysis (Telemetry, permanent sample plots) ○ Multi-species (moose, caribou, wolves, deer, etc.) track survey as part of monitoring changes in species distributions resulting from the experimental harvest ○ Monthly aerial telemetry flights to collect location data of collared caribou (in Experimental Harvest Area and in broader region) to better understand | |

- landscape/habitat use and distribution
 - Identification and quantification of calving sites and nursery habitat
 - Continuation of 5 year adult female survival study of Owl Lake range
 - Recruitment survey of woodland caribou in the Owl Lake range
 - Population viability analysis for the Owl Lake range in partnership with outside agencies
 - Continuation of habitat analysis and updating the core use analysis
- Activities specific to the Atiko/Bloodvein sub-ranges
 - Implementation of the Atiko/Bloodvein Conservation Plan
 - Begin data analysis that will enable the identification of critical habitats for the Atiko/Bloodvein sub-ranges
 - Monthly aerial telemetry flights to collect location data of collared caribou to better understand landscape/habitat use and distribution
 - Begin recruitment surveys for the two sub-ranges
 - Continue habitat use/availability analysis
- Activities specific for the Round and Berens sub-ranges
 - Develop a research plan for these ranges that will allow for an increase in our knowledge of distribution and important areas. Part of the research project will be to collar additional caribou.
 - Continue monitoring existing collared caribou using aerial telemetry.
- Winter and summer caribou capture and collaring events in multiple ranges
 - Attempt to collar additional wolves in the Owl Lake caribou range
 - Hold regular (usually monthly) meetings of the EMWCAC and its sub-committees (Science & Technology, Education)
 - Investigate ways to study the prevalence of the brain worm parasite (*P. tenuis*) within caribou range
 - Attempt to conduct an aerial wolf survey to monitor wolf densities on the east side of Lake Winnipeg
 - Broaden our TEK knowledge for woodland caribou by talking with First Nation communities.
 - Continue to develop communication documents for the public
 - Continue public stewardship activities to educate the public about woodland caribou.

Budget:

| Funding Partner | Cash | In-kind | Total |
|--------------------------|-----------------|------------------|------------------|
| Manitoba Model Forest | - | \$9,000 | \$9,000 |
| MB Conservation | \$30,000 | \$100,000 | \$130,000 |
| MB Hydro | \$30,000 | \$2,400 | \$32,400 |
| U of W (C-FIR) | - | \$5,000 | \$5,000 |
| Tembec | - | \$10,200 | \$10,200 |
| First Nation communities | - | \$1,200 | \$1,200 |
| Manitoba Trappers Assoc | - | \$2,000 | \$6,000 |
| MB Highways | | \$2,000 | |
| TREE | | \$2,000 | |
| Total | \$60,000 | \$133,800 | \$193,800 |

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 timber harvest in Experimental Harvest Area.
- Continued data synthesis of multi-species survey
- 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
- A report on the identification of calving/nursery habitat for the Owl Lake range
- Recommendations for calving/nursery habitat protections
- Development of a summer habitat strategy for the Owl Lake range
- A report on the identification of winter and fall rutting habitat for the Atiko range.
- A research proposal outlining the research to be undertaken in the Round and Berens sub-ranges
- Public presentations
- Develop new issue of Atik News (newsletter)

Other Project Partners: None

| | |
|--|---------|
| Project Title: Species of Special Interest Project Number: 09-2-26 Theme Area: Integrated Landscape Management Project Leader: Tim Swanson, Manitoba Conservation Project Status: On-going, Year 3 of 5 | 2009-10 |
|--|---------|

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.

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.

In 2008/09, a proof of concept predictive model was developed in consultation with Brokenhead Ojibway First Nation. Elders from BON identified several important plant species. Using existing habitat preference data, a GIS student from Red River Community College in Winnipeg, developed predictive models. Continuation of this project will be required in 2009/2010 to complete the model development and conduct field assessments to verify and improve the model. The model will be available to assist community members in identifying new potential sites for the collection of plants of interest and will be used during forest management planning meetings between Tembec and local communities.

Activities specific to the 2009/10 project year will include:

- Field verification for the initial suite of selected plants
- Refinement of the predictive model
- Meetings in First Nation communities and with the forest industry to assess the utility of the models for forest management planning and to solicit input on the future direction of the project.

Note: no new cash funding will be directed to this project in 2009/10. \$5,000 in 2008/09 carry-forward funding (non-NRCan-CFS funding) will be used for this project.

Budget:

| Funding Partner | Cash | In-kind | Total |
|---------------------------------|-------------|-----------------|-----------------|
| Tembec Enterprises Inc. | - | \$1,800 | \$1,800 |
| Manitoba Conservation | - | \$1,800 | \$1,800 |
| Brokenhead Ojibway First Nation | - | \$4,500 | \$4,500 |
| Hollow Water First Nation | - | \$4,500 | \$4,500 |
| Black River First Nation | - | \$4,500 | \$4,500 |
| Total | - | \$17,100 | \$17,100 |

Outputs:

- Filed validation of initial predictive models
- Refinement of predictive models

- Meetings in local First Nation communities

Other Project Partners: Red River Community College

| | |
|---|---------|
| Project Title: Integration of Rare Species into Landscape Management Planning Project Number: 09-2-24 Theme Area: Integrated Landscape Management Project Leader: Brian Kotak, Manitoba Model Forest Project Status: On-going, Year 2 of 4 | 2009-10 |
|---|---------|

Purpose: To incorporate rare plants species into landscape management planning by undertaking surveys on the occurrence and locations of rare plant species in eastern and western Manitoba

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

In 2008, Initial surveys were conducted in the Tembec Integrated Wood Supply Area (IWSA) West and in FML01. Several rare orchid species were found and their locations documented. A report for those species observed in Nopiming Provincial Park (in FML01) was prepared.

Activities specific to the 2009/10 project year will include:

- Continuation of field surveys in eastern and western Manitoba conducted by interested NGOs
- Training of Manitoba Conservation, Tembec and Louisiana Pacific staff on rare orchid identification
- Updating of the CDC database

Note: no new cash funding will be directed to this project in 2009/10. \$5,000 in 2008/09 carry-forward funding (non-NRCan-CFS funding) will be used for this project.

Budget:

| Funding Partner | Cash | In-kind | Total |
|--------------------------------|-------------|----------------|----------------|
| Manitoba Conservation | - | \$1,000 | \$1,000 |
| Tembec Enterprises Inc. | - | \$1,000 | \$1,000 |
| Louisiana-Pacific | - | \$1,000 | \$1,000 |
| Native Orchid Conservation Inc | - | \$1,000 | \$1,000 |
| Manitoba Naturalist Society | - | \$1,000 | \$1,000 |
| Total | - | \$5,000 | \$5,000 |

Outputs:

- New partnerships with NGOs
- Database on rare plant species

Other Project Partners: None

| | | | |
|---|-----------------|-----------------|-----------------|
| Project Title: Watershed Management Tools Project Number: 09-2-66 Theme Area: Integrated Landscape Management Project Leader: Brian Kotak, Miette Environmental Project Status: On-going, Year 3 of 5 | | | 2009-10 |
| 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) is collecting a baseline of information on stream hydrology (flow) and water quality in the Model Forest, information that is currently lacking. Based on this information, watershed planning tools are currently being developed for Tembec. The assumptions and predictions of the planning tools will be tested through a watershed-scale harvesting experiment. Planning for this experiment began in 2008/09. | | | |
| Specific activities for 2009/10 include: <ul style="list-style-type: none"> ▪ Continue to collect baseline water quality and hydrology data once per month from May to September on the O’Hanly, Black, Manigotagan and Wanipigow rivers ▪ Compile and combine water quality and hydrology data from the above rivers for 2004-2009 ▪ Based on preliminary water quality data collected in 2008, and working with Tembec, select a series of watersheds for the implementation of a new experimental watershed harvesting experiment ▪ Develop a technical report summarizing results of baseline water quality (2004-2009) and a planning document for the watershed harvesting experiment | | | |
| Budget: | | | |
| Funding Partner | Cash | In-kind | Total |
| Manitoba Conservation | \$10,000 | \$2,000 | \$12,000 |
| Tembec | \$4,000 | \$5,000 | \$9,000 |
| Miette Environmental | - | \$11,000 | \$11,000 |
| Total | \$14,000 | \$18,000 | \$32,000 |
| Planned Outputs: <ul style="list-style-type: none"> ▪ Water quality data and a report summarizing baseline water quality on a suite of important rivers in eastern Manitoba ▪ Planning documents for watershed harvesting experiment | | | |
| Other Project Partners: None | | | |

| | |
|---|---------|
| Project Title: Stakeholder-based Watershed Management in Western Manitoba Project Number: 09-2-63 Theme Area: Integrated Landscape Management Project Leader: Donna Kopecky, Louisiana Pacific Project Status: On-going, Year 2 of 4 | 2009-10 |
|---|---------|

Purpose: To develop collaborative approaches to water quality and watershed management in western Manitoba

Description: Watershed management and the protection of water quality are receiving more attention in Manitoba due to the recent implementation of a new Water Protection Act. In particular, the requirement to develop watershed management plans has created the need for diverse stakeholders to work together to examine water quality issues and to collaboratively develop watershed management plans that address such issues. Since the proclamation of the Water Protection Act, the development of watershed plans has been focused on agriculturally-dominated watersheds in southern Manitoba. To date, the important aspect of forestry has not been included.

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 will initiate a research program to examine the effects of land use practices on water quality in the Duck Mountains and surrounding region of western Manitoba.

In March 2009, a workshop was held that engaged a diverse cross-section of stakeholders, including the forest industry, conservation districts, Ducks Unlimited, First Nations and Manitoba Water Stewardship. The workshop resulted in several recommendations for research on water quality and quantity in the Duck Mountain area. Ultimately, the project will help provide the basis for a more complete understanding of the effects of various land use practices on water quality, the development of watershed management plans, and the implementation of pilot projects to improve water quality in western Manitoba

Specific activities for 2009/10 include:

- Development of a water quality research program framework based on the outcomes and recommendations arising from the first watershed conference
- Development of funding proposals to various agencies in order to prepare for the implementation of aquatic research projects in 2010

Budget:

| Funding Partner | Cash | In-kind | Total |
|--|---------|---------|----------|
| Louisiana Pacific | \$7,000 | \$5,000 | \$12,000 |
| Manitoba Model Forest | - | \$5,000 | \$5,000 |
| Manitoba Conservation | - | \$1,000 | \$1,000 |
| Manitoba Water Stewardship | - | \$1,000 | \$1,000 |
| Ducks Unlimited | - | \$1,000 | \$1,000 |
| Intermountain Conservation District | - | \$2,000 | \$2,000 |
| Lake of the Prairies Conservation District | - | \$2,000 | \$2,000 |
| Swan Lake Conservation | - | \$2,000 | \$2,000 |

| | | | |
|---|----------------|-----------------|-----------------|
| District | | | |
| Total | \$7,000 | \$19,000 | \$26,000 |
| Planned Outputs: | | | |
| <ul style="list-style-type: none"> ▪ Planning meetings to develop a western MB water quality/quantity research framework ▪ Water quality research program framework document ▪ Funding proposals to other agencies | | | |
| Other Project Partners: First Nation communities in western MB, West Region Tribal Council | | | |

| | |
|--|---------|
| Project Title: Terrestrial Bio-monitoring Project Number: 09-2-06 Theme Area: Integrated Landscape Management Project Leader: Brian Kotak, Miette Environmental Project Status: On-going, Year 3 of 5 | 2009-10 |
|--|---------|

Purpose: To establish long-term forest monitoring plots in the MBMF area and in urban forests in order to track changes in forest health, data which contributes to a national database through the Ecological Monitoring and Assessment Network. Additionally, to involve high school students in environmental monitoring.

Description: Since 2004, a regional terrestrial bio-monitoring program was implemented to examine the potential impact of climate change on forest ecosystem parameters in the boreal forest and also in urban forests in the City of Winnipeg. Since 2005, study plots have been established using Environment Canada’s Ecological Monitoring and Assessment Network (EMAN) national monitoring protocols. The program forged partnerships with 3 high schools in the MBMF region (Wanipigow, Powerview and Lac du Bonnet) and one school in Winnipeg. With the aid of researchers and the Model Forest Education Coordinator, the science classes from the schools participated in the collection of environmental data in forests of different ages and origin (e.g., logged, fire). Field trips to locations in the Model Forest area and in Winnipeg allowed students to gain hands on experience in collecting data on climate (air temperature, relative humidity), soils (temperature, pH), vegetation (species composition and abundance of tree, shrub and herb layer, tree growth rates, tree health), and small mammal diversity and abundance. Field trips occurred in May/June and September/October of each year. The participating school divisions provided all necessary bus transportation as an in-kind donation. In 2007 partners discussed the possibility of adding a monitoring component on rare frog species and rare plant species.

In 2008, late spring and early summer work focused on surveys for rare plant and frog species in the MBMF area. In the summer, study plots were established in the Bois des Esprit (in the City of Winnipeg), and in selected riparian areas in the MBMF area (to examine the long-term ecological consequences of establishing treed riparian buffer strips following timber harvesting operations). Permanent sample plots were also established at the Pine Creek Trail near Pine Falls, to be used as easily-accessed sites for educational purposes.

There is no need to establish further plots in 2009. The first re-measurement of some of the existing plots will occur during the summer of 2010.

Specific activities that will occur in 2009/10 include;

- Field trips for high school students in MBMF area schools (Powerview, Lac du Bonnet, Wanipigow) and in Winnipeg (Scolare Leo Remillard). These field trips will focus on teaching the students about environmental monitoring, forest ecology and the students will collect their own data.

Note: no cash funding will be allocated to this project in 2009/10

| | | | |
|------------------------|-------------|----------------|--------------|
| Budget: | | | |
| Funding Partner | Cash | In-kind | Total |

| | | | |
|---|---|-----------------|-----------------|
| Sunrise School Division | - | \$1,000 | \$1,000 |
| Scolare Leo Remillard | - | \$500 | \$500 |
| Frontier School Division | - | \$500 | \$500 |
| Miette Environmental | - | \$9,000 | \$9,000 |
| Total | - | \$11,000 | \$11,000 |
| Planned Outputs: | | | |
| <ul style="list-style-type: none"> ▪ Involvement of schools in forest bio-monitoring | | | |
| Other Project Partners: Lac du Bonnet Senior School, Wanipigow School, Powerview School | | | |

| | | | |
|--|----------------|-----------------|-----------------|
| Project Title: Landscape Design Project Number: 09-2-27 Theme Area: Integrated Landscape Management Project Leader: Brian Kotak, Manitoba Model Forest Project Status: On-going, Year 2 of 3 | | | 2009-10 |
| 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. Specific activities for 2009/10 include: <ul style="list-style-type: none"> ▪ Holding meetings with the landscape design sub-committee of the Forest Practices Committee ▪ Identification of criteria to be included in a landscape design guidebook ▪ Creation of a white paper on landscape design, which will be presented to Manitoba Conservation | | | |
| Budget: | | | |
| Funding Partner | Cash | In-kind | Total |
| Louisiana Pacific | \$2,500 | \$5,000 | \$7,500 |
| Tembec Enterprises Inc | \$2,500 | \$5,000 | \$7,500 |
| Manitoba Model Forest | - | \$5,000 | \$5,000 |
| Manitoba Conservation | - | \$5,000 | \$5,000 |
| Forest Practices Committee | - | \$20,000 | \$20,000 |
| Total | \$5,000 | \$40,000 | \$45,000 |
| Planned Outputs: | | | |
| <ul style="list-style-type: none"> ▪ Forest Practices Committee meeting minutes ▪ White paper on landscape design | | | |
| Other Project Partners: None | | | |

| | |
|--|---------|
| Project Title: Scenario Planning Project Number: 09-2-25 Theme Area: Integrated Landscape Management Project Leader: Vince Keenan, Tembec, Tim Swanson, Manitoba Conservation Project Status: On-going, Year 2 of 4 | 2009-10 |
|--|---------|

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 2009/10, the computer visualization will be incorporated 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 2009/10 project year will include:

- Refinement of a computer-generated visualization tool using 3DNature’s Nature Visual Studio and creation of an educational DVDs that realistically and accurately depict the forest in parts of Whiteshell Provincial Park prior to a major blow down event, viewsapes of the area during and after the blow dow event, after timber (salvage) harvesting and a various time periods throughout the next 100 years of forest growth and succession. Video and still photos will also be included in the product.
- Delivery of the product through park interpretation programs, to cottage associations and in schools

Budget:

| Funding Partner | Cash | In-kind | Total |
|-----------------------|------|-----------------|-----------------|
| Manitoba Conservation | - | \$10,000 | \$10,000 |
| Total | - | \$10,000 | \$10,000 |

Outputs:

- Computer-generated DVD depicting forest depletion caused by a windstorm, a salvage harvest operation and forest regeneration over time in a 2007 windstorm area within Whiteshell Provincial Park.
- Educational DVD of the above
- Interpretive program for the model and DVD

Other Project Partners: None

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|---|---------|
| Project Title: Western MB Golden-winged Warbler Monitoring Project Project Number: 09-2-28 Theme Area: Integrated Landscape Management Project Leader: Donna Kopecky, Louisiana Pacific Project Status: New, Year 1 of 3 | 2009-10 |
| <p>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.</p> | |
| <p>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:</p> <ol style="list-style-type: none"> 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) <p>Activities specific to the 2009/10 project year will include:</p> <ul style="list-style-type: none"> ▪ Site selection of sample locations within the Duck Mountain Provincial Forest (DMPF) and the Porcupine Mountain Provincial Forest (PMPF) in April 2009. ▪ Listening station establishment within the DMPF and PMPF in May 2009 (target 100-150 samples) ▪ Bird surveys conducted with the use of CVX microphones and Marantz digital recorders (target 100 -150 samples) ▪ Transcription of digital recordings of bird calls in October 2009. | |

- Meeting of MB Golden-winged Warbler Working Group in November of 2009 to discuss results of 2009 field activities and next steps.

Budget:

| Funding Partner | Cash | In-kind | Total |
|--------------------------|----------------|----------------|----------------|
| Louisiana Pacific | \$5,000 | \$15000 | \$20000 |
| Bird Studies Canada | | \$10000 | \$10000 |
| Manitoba Conservation | | \$2000 | \$2000 |
| Environment Canada (CWS) | | \$10000 | \$10000 |
| | | | |
| Total | \$5,000 | \$15000 | \$20000 |

Outputs:

- GWWA location data and habitat data that can be used by local, regional, national and international conservation and government agencies in support of migratory bird protection/conservation.
- An official and accurate GWWA range map for Manitoba
- Development of forest practice guidelines that support the conservation of GWWA in Manitoba

Other Project Partners: None

| | |
|---|---------|
| Project Title: Wildlife Use of Forest Harvest Areas Project Number: 09-2-29 Theme Area: Integrated Landscape Management Project Leader: Doug Schindler, University of Winnipeg (CFIR) Project Status: New, Year 1 of 3 | 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. A total of 5 trail cameras will be purchased and deployed. Site descriptions will be made and habitat information assessed using, in part, the Forest Resource Inventory. An analysis of the data will be conducted.

Activities specific to the 2009/10 project year will include:

- Workshop with trapper, outfitters and others to identify sites for the deployment of trail cameras
- Purchase and deployment of trail cameras
- Habitat assessments of each site and areas surrounding each site
- Data analysis of camera information and habitat use
- Final report

Budget:

| Funding Partner | Cash | In-kind | Total |
|-------------------------------|----------------|----------------|-----------------|
| NRCan-CFS (core) | \$4,000 | - | \$4,000 |
| Tembec | \$1,000 | \$1,000 | \$2,000 |
| MB Lodges & Outfitters Assoc | - | \$2,000 | \$2,000 |
| MB Trappers Assoc | - | \$2,000 | \$2,000 |
| Hollow Water First Nation | - | \$1,000 | \$1,000 |
| Black River First Nation | - | \$1,000 | \$1,000 |
| Manitoba Conservation | - | \$1,000 | \$1,000 |
| University of Winnipeg (CFIR) | - | \$1,000 | \$1,000 |
| Total | \$5,000 | \$9,000 | \$14,000 |

Outputs:

- Data on wildlife use of forest harvest areas
- Interim project report
- Collaboration between Tembec, trappers and outfitters

Other Project Partners: (None)

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|--|----------------|-----------------|-----------------|
| Project Title: Nesting Requirements of the Barred Owl in Manitoba Project Number: 09-2-30 Theme Area: Integrated Landscape Management Project Leader: Jim Duncan, Manitoba Conservation Project Status: New, Year 1 of 2 | | | 2009-10 |
| 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. | | | |
| <p>Activities specific to the 2009/10 project year will include:</p> <ul style="list-style-type: none"> ▪ Conduct field surveys and locate breeding pairs of Barred Owls using audio playback surveys ▪ Document nesting sites, including associated habitat metrics ▪ Document prey use through the dissection and analysis of owl pellets at roost and nest sites ▪ Document productivity, longevity, nest site fidelity and molt by live capture and banding of adults ▪ Produce an interim project report | | | |
| Budget: | | | |
| Funding Partner | Cash | In-kind | Total |
| NRCan-CFS (core) | \$500 | - | \$500 |
| Tembec | \$500 | \$500 | \$1,000 |
| Louisiana Pacific | \$1,000 | \$500 | \$1,500 |
| Sustainable Development Innovations Fund | - | \$25,000 | \$25,000 |
| MB Wildlife Federation | - | \$2,500 | \$2,500 |
| Manitoba Conservation | - | \$2,700 | \$2,700 |
| Total | \$2,000 | \$31,200 | \$33,200 |
| Outputs: | | | |
| <ul style="list-style-type: none"> ▪ Database of active Barred Owl nest sites in Manitoba ▪ Habitat analysis of nest sites in natural and managed forests ▪ Thesis (in year 2 of project) | | | |
| Other Project Partners: (None) | | | |

| | | | |
|---|----------------|-----------------|-----------------|
| Project Title: Education Working Group Support Project Number: 09-4-10 Theme Area: Education Project Leader: Mike James (Chair), Woodlot Association of Manitoba Project Status: On-going, Year 3 of 5 | | | 2009-10 |
| 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: <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. ▪ In 2009, the MBMF Education Coordinator will attend the 5th International Congress of Environmental Educators in Montreal | | | |
| Budget: | | | |
| Funding Partner | Cash | In-kind | Total |
| NRCan-CFS (core) | \$2,500 | - | \$2,500 |
| Working Group members (15 organizations) | - | \$20,400 | \$20,400 |
| Total | \$2,500 | \$20,400 | \$22,900 |
| 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 15 organizations. These include Brokenhead Ojibway Nation, MB Conservation, Tembec, Woodlot Association of Manitoba, Manitoba Forestry Association, Northeast Sustainable Development Association, RM of Victoria Beach, Manitoba Trapper's Association, Black River First Nation, Hollow Water First Nation, Sagkeeng First Nation, Winnipeg River Learning Centre, MB Hydro, Manitoba Metis Association, and Louisiana Pacific. | | | |

| | |
|---|---------|
| Project Title: Winnipeg River Learning Centre Project Number: 09-4-07 Theme Area: Education Project Leader: Garry Enns, Manager of Winnipeg River Learning Centre. Project Status: On-going, Year 3 of 5 | 2009-10 |
| Purpose: To support the program implementation and on-going development of training and post-secondary education initiatives of the Winnipeg River Learning Centre | |
| <p>Description: The Winnipeg River Learning Centre is a project of the Winnipeg River Regional Round Table (WRRRT). The Manitoba Model Forrest (MBMF) is a member of the WRRRT, and has provided the initial seed funding that has made it possible to hire a WRLC Manager. The Winnipeg River Learning Centre (WRLC) Trades School idea grew out of a 2004 priority setting exercise of the WRRRT, and from a regional training needs assessment underwritten by Little Black River First Nation in 2005. The WRRRT also completed a comprehensive feasibility study in June of 2007, building on the regional interest identified by the surveys in 2005. In addition to funding from the MBMF, the WRLC is benefiting from significant funding from the Whiteshell Communities Adjustment Fund. This fund invests in economic development initiatives in communities that have been impacted by the closure of Atomic Energy of Canada’s Whiteshell Laboratory near Pinawa.</p> <p>The Sunrise School Division is providing use of its recently decommissioned Pine Falls Public School as home to the WRLC. As of August 2007, the WRLC has the use of three fully furnished classrooms, an office and a staff room. The first full-time program at the WRLC was the RRC Health Care Aide Certificate program. It ran for six months, starting February 4, 2008. The full-time RRC Bookkeeping and Small Business Management Certificate program got underway in May, 2008 and wrapped up its workplace experience components just before Christmas.</p> <p>The WRLC also delivered several workshops and short courses in 2008, ranging from Quickbooks accounting to Firearms Safety to Forestry to digital photography courses. More than 30 students enrolled full-time in RRC programs at the WRLC and almost 100 participants enrolled in the WRLC programs and workshops in 2008.</p> <p>Working closely with the Regional Manager of Red River Programs for the Winnipeg River region, the WRLC Manager has promoted and helped coordinate RRC programs. This will result in a second offering of the Health Care Aide in winter/spring of 2009 and will also bring new business programming options to the WRLC. Details of the Electrician Certificate program are being worked out between WRLC and RRC – Gimli Campus. The WRLC hopes to put this trades training program in place by the fall of 2009.</p> <p>The WRLC also has begun work on developing its Land and Water Stewardship (LAWS) Certificate program in partnership with the University of Manitoba and with Assiniboine Community College. Plans call for an articulation of credits from the LAWS Certificate to programs at both ACC and the University of Manitoba. Plans call for start-up of this program in fall of 2009. Involving the U of M in this program will help focus the program to the First Nations communities in the region. Interest in this program has already been expressed by Sagkeeng First Nation Education Authority.</p> <p>All program initiatives are developed by the WRLC Manager in consultation with the WRLC Advisory Board, and with its programming partners.</p> | |

Specific activities for 2009/10 include:

- 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, etc.)
- Continue to develop fund-raising proposals and presentations – ongoing – most recent proposal submitted to Manitoba Competitiveness Training and Trade
- Public relations, promotions, consultations, and presentations - ongoing
- Establish WRLC Board Executive and continue to grow board membership
- Co-ordinate and administer the Winnipeg River Learning Centre Advisory Board
- Co-ordinate and manage programming in collaboration with Red River College and other training agencies. RRC Health Care Aide Program, Human Resource Management certificate, and Bookkeeping and Small Business programs are planned for 2009.
- The unique Land and Water Stewardship Certificate Program , in partnership with Assiniboine Community College and the University of Manitoba planned to start in fall of 2009
- Identify, plan, and deliver pre-employment training workshops in collaboration with RRC and with Manitoba Hydro - ongoing
- Continue to develop marketing and promotional strategies and materials to recruit students, and to raise the profile of the Winnipeg River Learning Centre
- Development of short and long-term plans - e.g. planning for an Electrician Certificate Program and LAWS Certificate – also introducing a WRLC Certificate in Business Computing to start in Winter/spring of 2009
- Information sessions are an ongoing component of the promotion and marketing of the WRLC and its programs. WRLC also participated in 2008 Career Fair for Eastern Manitoba and will participate again in 2009
- Develop and deliver 2009-2010 programming, as needs, interest, and opportunities are identified
- Contract management and administration staff of WRLC to develop and implement all WRLC initiatives in 2009 – 2010

2009 – 2010 Budget:

| Funding Partner | Cash | In-kind | Total |
|---|-----------------|------------------|------------------|
| NRCan-CFS (Core funding) | \$5,000 | - | \$5,000 |
| MB Hydro | \$25,000 | \$2,500 | \$27,500 |
| Sunrise School Division | - | \$20,000 | \$20,000 |
| Whiteshell Communities Adjustment Fund | - | \$85,000 | \$85,000 |
| Powerview- Pine Falls | - | \$1,000 | \$1,000 |
| Red River Community College – admin & rental fees | - | \$3,500 | \$3,500 |
| Total | \$30,000 | \$112,000 | \$142,000 |

Outputs:

- 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 – Community Futures Winnipeg River and Manitoba Competitiveness

Training and Trade in 2008; also Town of Powerview – Pine Falls

- 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
- A WRLC statement of Vision, Mission, and Goals including terms of reference for the Advisory Board
- Delivery of RRC Electrician, Bookkeeping and Small Business Management, Health Care Aide Certificate program as core to WRLC programs in 2009 - 2010
- Pre-employment training workshops – build partnerships with Manitoba Apprenticeship Branch
- Draft long-term program plan – including potential programs unique to WRLC – was started in 2008 and will continue to evolve in 2009

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.

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|---|---------|
| Project Title: Junior Rangers Project Number: 09-4-08 Theme Area: Education Project Leader: Bob Austman, MBMF Education Coordinator Consultant Project Status: On-going, Year 3 of 5 | 2009-10 |
| 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: Prior to the FCP, a Junior Ranger program has been offered only twice in the MBMF area over the last decade. The program offered training opportunities for students in many facets of natural resource management. However, no central agency was responsible for the program, and as a result, there has been several years in which the program has not been offered. The MBMF will now act as the manager for this important training program and implemented the Junior Ranger program in 2008 in eastern Manitoba. Thirty students (both First Nation and non-Aboriginal) from MBMF communities and from western Manitoba and northwestern Ontario, participated. | |
| <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. We will be running two-3 week field programs in the summer of 2009 (with 16 students in each program) at the Manitoba Conservation Fire Fighting Training Facility at Shoe Lake, in the heart of the MBMF area. 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 2009 include:</p> | |
| <ul style="list-style-type: none"> ▪ Identification of training delivery groups/individuals and establishing the exact program schedule ▪ Meetings with MBMF area First Nation schools and communities regarding the upcoming program. Meeting with MBMF non-First Nation schools and communities ▪ Advertisement of the program in the communities ▪ Working with the communities to identify candidate students ▪ Hiring for camp positions (camp foreman, cooks, etc) ▪ Implementation of the 3 week Junior Rangers Program in two time periods (July and August) ▪ Program evaluation from trainers and students to assess success of the 2009 program ▪ Evaluation of the possibility of creating a “Senior Ranger” program for students who graduated from the previous Junior Ranger program. This may involve “ride-alongs” with Natural Resource Officers or Conservation Officers, mentoring new Junior Ranger students, or workplace placements with Manitoba Conservation ▪ Participation of the MBMF in the CMFN Aboriginal Youth Training Strategic Initiative | |

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.

Budget:

| Funding Partner | Cash | In-kind | Total |
|-------------------------------|------------------|-----------------|------------------|
| NRCan-CFS (Core Funding) | \$20,000 | - | \$20,000 |
| Louisiana Pacific | \$20,000 | \$3,200 | \$23,200 |
| Manitoba Hydro | \$10,000 | \$2,000 | \$12,000 |
| Tembec | \$20,000 | \$1,500 | \$21,500 |
| MB Conservation | \$40,000 | \$55,000 | \$95,000 |
| Pineland Nursery | - | \$300 | \$300 |
| Manitoba Forestry Association | - | \$1,800 | \$1,800 |
| Manitoba Model Forest | - | \$2,000 | \$2,000 |
| Manitoba Trappers Assoc | - | \$600 | \$600 |
| Zirk Enterprises | - | \$600 | \$600 |
| MB Water Stewardship | - | \$300 | \$300 |
| Total | \$110,000 | \$67,300 | \$177,300 |

Outputs:

- Junior Rangers program
- Training of 30 students
- Training certificates
- Program planning meetings and meeting minutes, including meetings with individual communities
- Program evaluation document
- Participation in the CMFN Aboriginal Youth Training Strategic Initiative

Other Project Partners: None

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|--|---------|
| Project Title: Provincial Natural Resource Management Curricula Project Number: 09-4-14 Theme Area: Education Project Leader: Bob Austman, MBMF Education Coordinator Consultant Project Status: On-going, Year 3 of 5 | 2009-10 |
| Purpose: To develop provincially-accredited curricula on subjects related to boreal forest ecosystems and natural resource management | |
| Description: In Phase III of the Model Forest Program, the MBMF developed two provincially-accredited textbook supplements on Sustainable Forest Ecosystems, one for Grade 7 Science Curriculum and one for Grade 10 Science Curriculum. The curriculum meets all the teaching outcomes mandated by the Province of Manitoba. Printed copies are provided to all teachers in Manitoba free of charge, and the documents are one of the most frequently downloaded MBMF publications. Also in Phase III, the MBMF developed a curriculum on Woodland Caribou designed to enhance Grade 12 Biology . In 2008, training to assist the implementation of these curricula was delivered to 40 Manitoba teachers through the Province’s annual Special Area Groups (SAG) conferences. In 2009, we will begin to work on the development of natural resource-based curricula targeted at the Grade 10 Social Studies level. We will 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 2009 will include: | |
| <ul style="list-style-type: none"> ▪ Development of a curriculum document to support existing textbooks used in the delivery of the Senior 2 Social Studies Curriculum (Strand 2: Natural Resources) ▪ Develop age appropriate educational materials which teach students about forest health, forest management, and forest renewal ▪ Working with future Science Teachers within Faculties of Education in our two largest Universities to develop an awareness of the sustainability of our forest resources, as well the role of science in their management (GIS technology, improved pest control, monitoring programs, etc) ▪ Undertaking a field tour for urban based teachers with little or no experience in Forest Management to demonstrate forest operations in harvest, renewal, and forest protection (Fire Management, Pest Management) ▪ Creation an educational package for teachers (e.g., teachers kit) which will highlight the success of forest research programs and projects across the Model Forest Network, and the importance of a multi-stakeholder approach in resource management ▪ 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 ▪ Develop a series of mini-lessons in forestry in a “one-pager” format for as a resource for teachers in science and social studies. These lessons will serve as a “primer” or discussion starter on topics such as “Fire and the Boreal Forest”, “Insects and Diseases of | |

the Boreal Forest”, Forests and Carbon Uptake,” etc.

- Explore the creation of a new curriculum document in 2010 under the “Current Topics in Science” format, currently offered by MECY (Manitoba Education, Citizenship, and Youth). Exploratory discussions have been started with the St.James-Assiniboia School Division to partner in this project. The suggested topic is “Forestry, Silviculture, and Forest Management.”

Budget:

| Funding Partner | Cash | In-kind | Total |
|--------------------------------|-----------------|----------------|-----------------|
| NRCan-CFS (Core Funding) | \$10,500 | - | \$10,500 |
| Manitoba Hydro | \$15,000 | \$500 | \$15,500 |
| Louisiana Pacific | \$4,500 | \$500 | \$5,000 |
| Tembec | - | \$1,000 | \$1,000 |
| U of M | - | \$1,000 | \$1,000 |
| U of W | - | \$1,000 | \$1,000 |
| Manitoba Forestry Assoc. | - | \$1,000 | \$1,000 |
| St. James-Assiniboia S. D. | - | \$500 | \$500 |
| Science Teacher’s Assoc of Mb. | - | \$500 | \$500 |
| Total | \$30,000 | \$6,000 | \$36,000 |

Outputs:

- Draft curriculum supplement for Senior 2 Social Studies (Strand 2 – Natural Resources)
- Workshop presentations to students in Faculty of Education from both major Universities
- Draft field tour for beginning teachers to create awareness of the role of science in forest management
- Educational resource package to highlight innovative, science based research projects within the Manitoba Model Forest which contribute to better forest management (i.e. bio-monitoring, stream monitoring, Woodland Caribou Research)
- Downloadable mini-lessons for posting on MbMF website
- Curriculum workshops with divisional Science Consultants to assist in implementation of curriculum materials in classrooms

Other Project Partners: None

| | |
|--|---------|
| Project Title: Woodlot Education Project Number: 09-4-09 Theme Area: Education Project Leader: Ken Fosty, Manitoba Forestry Association – Woodlot Program Project Status: On-going, Year 3 of 5 | 2009-10 |
| 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 2009/10 will include: | |
| <ul style="list-style-type: none"> ▪ Organizing and implementing 6 indoor/outdoor hands-on ‘Let’s Get Planting - Proper Tree Planting’ workshops around the Province - in Souris, Swan River, Gimli, The Pas, Winnipeg and Grandview. (These workshops will teach landowners and woodlot owners proper planting techniques, seedling sources, common planting errors, proper transplanting/timing, site preparation, and vegetation management. These workshops will focus on planting techniques both in natural woodlots or forested areas as well as yardsite/landscape settings. Planting strategies will address riparian zones, shelterbelts, livestock (agroforestry), farmyard, wildlife, and landscape planting. Participants will learn proper handling, transportation, and storage of seedlings. Participants will learn how to properly plant containerized stock, bare root stock, cuttings, and transplants. These workshops will have an indoor/outdoor component and also bring special attention the provincial Trees for Tomorrow planting program. ▪ Organizing and implementing 2 indoor/outdoor workshops on ‘Proper Tree Pruning’ in Gimli and Powerview-Pine Falls. Participants will receive a variety of handout information including proper tree pruning techniques in the woodlot. Outdoor hands-on pruning demonstrations will follow the PowerPoint presentation. ▪ Organizing and implementing 2 indoor/outdoor workshops on ‘Insect and Diseases Affecting Your Trees’ in Arborg and Selkirk. Participants will receive a variety of handout information including identification and control measures of the common insects/diseases affecting a variety of trees in the woodlot. ▪ Organizing and implementing 4 workshops on ‘Woodlot Management for Landowners’ in Beausejour, Southport, Peguis First Nations and Powerview-Pine Falls, 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 **3** ‘Manitoba Maple Syrup’ seminars in Powerview-Pine Falls, Steinbach and Beausejour. 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 **2** educational charter bus tours for woodlot owners and landowners interested in sustainable woodlot practices. The tours will take place in July and August of 2008. One bus tour entitled ‘Law & Seedling Order’ will travel to the PFRA Shelterbelt Centre tree nursery and RCMP Training Academy near Regina, SK. The other tour entitled ‘Gold Mines & Timber Pines’ will tour the Bissett goldmine and local sawmill. 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 **1** outdoor woodlot field day in the Mars Hills area. Topics will include tree planting, low impact logging and a variety of sustainable woodlot management activities.
- Pending approval by the CMFN, participation of the MBMF in the CMFN Ecological Goods and Services (EG&S) woodlot Strategic Initiative

Budget:

| Funding Partner | Cash | In-kind | Total |
|---|-----------------|----------------|-----------------|
| NRCan-CFS (core) | \$5,000 | - | \$5,000 |
| Louisiana Pacific | \$5,000 | - | \$5,000 |
| Manitoba Forestry Association –Woodlot Program | - | \$3,000 | \$3,000 |
| Manitoba Christmas Tree Grower’s Association | - | \$300 | \$300 |
| Manitoba Model Forest | - | \$750 | \$750 |
| Woodlot Association of Manitoba | - | \$500 | \$500 |
| Assiniboine Hills Conservation District | - | \$600 | \$600 |
| Beausejour Recreational Centre | - | \$300 | \$300 |
| Intermountain Conservation District | - | \$600 | \$600 |
| Swan Lake Watershed Conservation District | - | \$600 | \$600 |
| Kelsey Conservation District | - | \$600 | \$600 |
| Red River College - Gimli, Steinbach, Arborg & Selkirk Campuses | - | \$900 | \$900 |
| Winnipeg River Learning Centre | - | \$500 | \$500 |
| Manitoba Conservation – Forestry Branch | - | \$500 | \$500 |
| Total | \$10,000 | \$9,150 | \$19,150 |

Outputs:

- 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
- Site(s) in Manitoba for the CMFN EG&S Strategic Initiative

Other Project Partners: None

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|--|---------|
| Project Title: Climate Change Project Number: 09-4-15 Theme Area: Education Project Leader: Stan Kaczanowski, MBMF Past President Project Status: On-going, Year 2 of 4 | 2009-10 |
|--|---------|

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.

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.

Specific activities for 2009/10 include:

- Working with one community, through their Emergency Measures Organization, in the MBMF area to develop and implement a fire protection plan
- Piloting the new CFS climate change vulnerability assessment community workbook in Victoria Beach (which participated in the CFS vulnerability assessment)

Budget:

| Funding Partner | Cash | In-kind | Total |
|--------------------------|----------------|----------------|----------------|
| NRCan-CFS (Core Funding) | \$2,500 | - | \$2,500 |
| NRCan-CFS (Edmonton) | - | 2,000 | \$2,000 |
| Victoria Beach | - | \$2,000 | \$2,000 |
| Total | \$2,500 | \$4,000 | \$6,500 |

Outputs:

- Community-based fire protection plan in one MBMF community
- Piloting of the new CFS vulnerability assessment workbook in Victoria Beach

Other Project Partners: None

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| Project Title: Education for Sustainable Development Project Number: 09-4-13 Theme Area: Education Project Leader: Bob Austman, Education Coordinator Consultant Project Status: On-going, Year 3 of 5 | 2009-10 |
| 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. | |
| <p>Specific activities for 2009/10 will include:</p> | |
| <ul style="list-style-type: none"> ▪ Planning for and implementing the 2009 Envirothon program (coordinated by the Manitoba Forestry Association) to be held at the International Peace Gardens. The MBMF Education Coordinator is on the planning committee. ▪ Delivering a Summer Institute for Teachers on Sustainable Forest Management which consists of tours of forest operations, harvesting, and regenerating sites as well as an overview on sustainable forest practices. ▪ Forest Ed Program (a field training session for high school teachers which provides teachers with hands-on experience in boreal forest ecology and management. Ideas learned from the training session can then be taken back to the school and used in the classroom) ▪ Planning for and hosting the 2009 Youth Symposium (field day in which 100-150 students from the region explore aspects of the boreal forest with skilled guides provided from our partnering organizations) ▪ Presentations to schools, universities and the general public about the MBMF, its programs and sustainable development ▪ Conducting a one-day training workshop for high school teachers on 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 ▪ Participating in the delivery of a province-wide poster competition with Green Manitoba (a special agency of the Gov't of Manitoba) for Manitoba students to promote the concept of sustainable resource use. ▪ 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 ▪ Attending the Water Ed West conference in Banff, 2009 | |

| Budget: | | | |
|---|-----------------|-----------------|-----------------|
| Funding Partner | Cash | In-kind | Total |
| Manitoba Hydro | \$10,000 | \$1,500 | \$11,500 |
| Manitoba Forestry Association | - | \$2,000 | \$2,000 |
| Tembec | - | \$2,000 | \$2,000 |
| MB Conservation | \$10,000 | \$2,500 | \$12,500 |
| Louisiana Pacific | \$5,000 | - | \$5,000 |
| Manitoba Education, Citizenship, and Youth (MECY) | - | \$1,000 | \$1,000 |
| Green Manitoba | - | \$2,500 | \$2,500 |
| Sunrise School Division | - | \$1,000 | \$1,000 |
| Total | \$25,000 | \$12,500 | \$37,500 |
| Outputs: | | | |
| <ul style="list-style-type: none"> ▪ 2009 Envirothon Program ▪ 2009 Youth Symposium ▪ 2009 Forest Ed for Teachers ▪ 2009 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. ▪ Province wide poster competition ▪ Capacity building workshops for private woodlot owners | | | |
| Other Project Partners: None | | | |

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|---|----------------|
| <p>Project Title: Development of Indigenous Ethno-tourism enterprises in Costa Rica Project Number: 09-6-01 Theme Area: International Programs Project Leader: Brian Kotak, General Manager of MBMF Project Status: On-going, Year 3 of 5</p> | <p>2009-10</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. To this end, a Concept Paper to the Indigenous Peoples Partnership Program of CIDA was submitted and approved for funding earlier in 2007. A delegation from the MBMF and BON traveled to Costa Rica in March, 2007 to meet with the project partners and Cabecares communities. During this initial phase of the project, a feasibility study was completed, as well as a gender equity assessment and environmental impact assessment. Subsequently, a full proposal was submitted to CIDA for funding of a two year project that will focus on eco-tourism, non-timber forest products, land use planning and management of the Cabecares Reserve lands which abuts up against La Amistad International Park (a World Heritage Site based on its exceptional biodiversity values), environmental education and monitoring. The CIDA proposal was successful. The Indigenous community is also located along the Pacuare River, one of the most acclaimed white water rafting rivers in the world. It is the desire of the community to establish an eco-tourism/ethno-tourism enterprise in which the community can provide tourism opportunities that highlight the natural tropical environment of their reserve, and the community's traditions and culture. The project will also provide opportunities for collaboration and exchange of ideas between the Nairi Awari peoples and BON (who have experience in eco-tourism, NTFPs, indigenous land use planning and cultural exchange).</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>In March, 2008 a delegation from the MBMF went to Costa Rica to initiate the project. Meetings were held with project partners to create a project steering committee, develop an annual work plan, develop a monitoring plan to track progress, and begin implementation of infrastructure development. From March/08 to January/09 the following activities were undertaken by the community: construction of a river-side structure (for accommodations and cooking), installation of a new septic system and toilet/shower facility, creation of walking paths to the river, and creation of a new hiking trail connecting the river-side site to the community of Jameikari higher in the mountains. A delegation from the MBMF again met the project partners in Costa Rica in Jan/Feb 2009 to track progress of the project, hold community meetings and participate in construction activities.</p> <p>Activities to occur in 2009/10 will include:</p> | |

- Cultural exchange between Cabecar youth and youth from BON. Three Cabecar youth and one chaperone will visit the MBMF area, BON and other First Nation communities in July/August 2009. In March, 2010, youth and a chaperone from BON will travel to the Nairi Awari communities in Costa Rica. Youth will learn about each other's indigenous cultures, aspirations and discuss opportunities for eco-tourism
- Site visit of MBMF personnel and BON representatives to the Nairi Awari communities in Costa Rica.
- Continue to assist in the purchase of supplies for, and the construction of, riverside cabins and a cultural centre, miradors (scenic look out platforms), upgrades to hiking trails, solar power, drinking water purification, satellite internet tower
- Initiation of a process to develop a Eco-tourism management plan for the entire Nairi Awari community reserve area
- Initiation of the eco-tourism training programs for the Nairi Awari community members (training will include tourism/hospitality, first aid, nature guiding, small business administration, gender equity, handicraft production, and basic English).

Budget:

| Funding Partner | Cash | In-kind | Total |
|--|------------------|-----------------|------------------|
| NRCan-CFS (core funding) | \$15,000 | - | \$15,000 |
| CIDA | \$100,000 | - | \$95,000 |
| UNDP Small Grants Program (for Cabecar training) | - | \$24,000 | \$24,000 |
| MBMF | - | \$5,000 | \$5,000 |
| Brokenhead Ojibway Nation | - | \$10,000 | \$10,000 |
| Costa Rican partners (see list below) | - | \$50,000 | \$50,000 |
| Total | \$115,000 | \$89,000 | \$204,000 |

Planned Outputs:

- Community and project partner meetings in Costa Rica
- Work plan document
- Monitoring plan document
- Implementation of community infrastructure upgrades, including riverside cabins and cultural centre, mirador, upgrades to hiking trails, installation of solar power, drinking water treatment, internet service
- Initiation of community training program
- Cultural exchange for BON and Cabecar youth

Other Project Partners: Asociación de Turismo Cultural Indígena Cabécar Jameikári (ATCICJ), Reventazon Model Forest, Tropical Agriculture Research and Higher Education Center (CATIE), 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.

| | |
|---|---------|
| Project Title: Communicatons Strategy Implementation Project Number: 09-7-01 Theme Area: Communications and Outreach Project Leader: Brian Kotak, General Manager of MBMF Project Status: On-going, Year 3 of 5 | 2009-10 |
| <p>Purpose: To provide support for the implementation of the MBMF communications strategy</p> <p>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.</p> <p>The objectives of our communications, outreach and networking strategy are:</p> <ul style="list-style-type: none"> ▪ 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 <p>Activities specific to the 2009/10 work plan period include:</p> <ul style="list-style-type: none"> ▪ Development of communication tools to complement our floor standing display (e.g., tree stump brochure holder, samples of NTFPs, etc) ▪ Production of the MBMF annual report ▪ Completion of the production of an “Achievements” report, summarizing the successes of the MBMF over the last 15 years ▪ Production of two issues of the MBMF Newsletter “For All Our Relations” | |

- Development of project fact sheets
- 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) | \$20,000 | - | \$20,000 |
| Total | \$20,000 | - | \$20,000 |

Planned Outputs:

- Updated display materials
- MBMF annual report
- MBMF Achievements report
- For All Our Relations newsletters
- Updated website
- Project fact sheets

Other Project Partners: None

| | |
|--|---------|
| Project Title: Communicatons Support Project Number: 09-7-02 Theme Area: Communications and Outreach Project Leader: Brian Kotak, General Manager of MBMF Project Status: On-going, Year 3 of 5 | 2009-10 |
|--|---------|

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 2008/09 work plan period include:

- 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 “Shadows of the Forest” DVD (MBMF video on woodland caribou) and the Brokenhead Wetlands DVD (newly created protected area in MBMF area, supported by Brokenhead Ojibway Nation, a MBMF partner)
- Support for communication activities with the Canadian Model Forest Network and the International Model Forest Network
- Creation of promotional materials for hand-out at various venues (schools, workshops, conferences, etc)
- Creation of a 18 month MBMF calendar that describes locations and projects in the MBMF area
- Support for the publication of a book that highlights scenic areas/project areas in the MBMF. This book will be authored by Bill Stilwell, who has authored a previous (and highly successful) book on scenic locations in Manitoba

Budget:

| Funding Partner | Cash | In-kind | Total |
|--------------------------|-----------------|---------|-----------------|
| NRCan-CFS (core funding) | \$14,000 | - | \$14,000 |
| Total | \$14,000 | - | \$14,000 |

Planned Outputs:

- Hosting of forest tours
- Presence/attendance of MBMF partners at conferences and workshops
- Shadows for the Forest DVD
- Brokenhead Wetlands DVD
- Involvement in Canadian Model Forest Network and International Model Forest Network communications
- Various promotional materials
- MBMF calendar highlighting MBMF areas and projects
- Publication of a book 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 MNMF 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, 2009 to March 31, 2010 by Theme Area and projects.

| Theme Area and Project | NRCan-CFS (FCP Funds) | Partner/Other | | Total |
|--|--------------------------|-----------------|------------------|------------------|
| | | Cash | In-kind | |
| Administration | Cash | Cash | In-kind | Total |
| Salaries and Associated Deductions | \$117,010 | - | - | \$117,010 |
| Supplies and Services | \$29,000 | - | \$23,000 | \$52,000 |
| Staff Travel | \$9,000 | - | - | \$9,000 |
| Board Travel and Support | \$4,990 | \$11,010 | \$115,500 | \$131,500 |
| Subtotal | \$160,000 | \$11,010 | \$138,500 | \$309,510 |
| Forest Community Engagement | Cash | Cash | In-kind | Total |
| Working Group Support | \$2,500 | - | \$20,400 | \$22,900 |
| Community Opportunities Program | \$25,000 | - | \$60,000 | \$85,000 |
| Moose Management | \$7,500 | \$5,000 | \$34,800 | \$47,300 |
| First Nation Engagement in Western Manitoba | - | - | \$14,500 | \$14,500 |
| Traditional Area Advisory Committees | \$5,000 | \$30,000 | \$108,000 | \$143,000 |
| First Nation Land Use Planning | - | - | \$23,400 | \$23,400 |
| Trapper Involvement | \$5,500 | \$4,000 | \$48,600 | \$58,100 |
| Alternative Economic Opportunities from the Forest | \$15,000 | - | \$16,200 | \$31,200 |
| First Nations Local Involvement | \$2,500 | - | \$20,400 | \$22,900 |
| Subtotal | \$63,000 | \$39,000 | \$346,300 | \$448,300 |

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 | \$3,000 | - | \$12,600 | \$15,600 |
| Caribou Management | - | \$60,000 | \$133,800 | \$193,800 |
| Species of Special Interest | - | - | \$17,100 | \$17,100 |
| Rare Species | - | - | \$5,000 | \$5,000 |
| Watershed Management Tools | - | \$14,000 | \$18,000 | \$32,000 |
| Stakeholder-based Watershed Management in Western MB | - | \$7,000 | \$19,000 | \$26,000 |
| Terrestrial Bio-monitoring | - | - | \$11,000 | \$11,000 |
| Landscape Design | - | \$5,000 | \$40,000 | \$45,000 |
| Scenario Planning | - | - | \$10,000 | \$10,000 |
| Golden Winged Warbler | - | \$5,000 | \$15,000 | \$20,000 |
| Wildlife Use of Harvest Areas | \$4,000 | \$1,000 | \$9,000 | \$14,000 |
| Barred Owl | \$500 | \$1,500 | \$31,200 | \$33,200 |
| Subtotal | \$7,500 | \$93,500 | \$321,700 | \$422,700 |
| Education | Cash | Cash | In-kind | Total |
| Working Group Support | \$2,500 | - | \$20,400 | \$22,900 |
| Winnipeg River Learning Centre | \$5,000 | \$25,000 | \$112,000 | \$142,000 |
| Junior Rangers | \$20,000 | \$90,000 | \$67,300 | \$177,300 |
| Curriculum | \$10,500 | \$19,500 | \$6,000 | \$36,000 |
| Woodlot Education | \$5,000 | \$5,000 | \$9,150 | \$19,150 |
| Climate Change | \$2,500 | - | \$4,000 | \$6,500 |
| Education for Sustainable Development | - | \$25,000 | \$12,500 | \$37,500 |
| Subtotal | \$45,500 | \$164,500 | \$231,350 | \$441,350 |
| International Programs | | | | |
| Costa Rica-Reventazon MF | \$15,000 | \$100,000 | \$89,000 | \$204,000 |
| Subtotal | \$15,000 | \$100,000 | \$89,000 | \$204,000 |
| Communications and Networking | | | | |
| Communications Strategy Implementation | \$20,000 | - | - | \$20,000 |
| Communications Support | \$14,000 | - | - | \$14,000 |
| Subtotal | \$34,000 | - | - | \$34,000 |
| Grand Total | \$325,000 | \$408,010 | \$1,127,000 | \$1,860,010 |

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

| Theme Area and Project | 2007/08 (Actual) | 2008/09 | 2009/10 | 2010/11 | 2011/12 | Total |
|---------------------------------|-----------------------------|------------------|------------------|------------------|------------------|--------------------|
| Administration | \$82,582 | \$168,160 | \$160,000 | \$155,000 | \$129,000 | \$702,350 |
| Forest Community Engagement | \$15,692 | \$51,340 | \$63,000 | \$31,250 | \$37,750 | \$137,770 |
| Integrated Landscape Management | \$12,454 | \$9,000 | \$7,500 | \$62,500 | \$75,500 | \$266,420 |
| Education | \$16,439 | \$51,500 | \$45,500 | \$31,250 | \$37,750 | \$143,460 |
| International Programs | \$15,093 | \$15,000 | \$15,000 | \$15,000 | \$15,000 | \$75,000 |
| Communications and Networking | \$29,986 | \$30,000 | \$34,000 | \$30,000 | \$30,000 | \$150,000 |
| Total | \$172,246 | \$325,000 | \$325,000 | \$325,000 | \$325,000 | \$1,472,246 |

Table 4.3 Quarterly Cash Flow Projection for Forest Community Program funding during Fiscal 2009-10.

| Theme Area | Q1 Apr -June | Q2 July-Sept | Q3 Oct-Dec | Q4 Jan-Mar | Total |
|---------------------------------|-------------------------|-------------------------|-----------------------|-----------------------|------------------|
| Administration | \$37,749 | \$46,749 | \$37,749 | \$37,753 | \$160,000 |
| Forest Community Engagement | \$26,250 | \$11,250 | \$17,250 | \$8,250 | \$63,000 |
| Integrated Landscape Management | \$5,250 | \$750 | \$750 | \$750 | \$7,500 |
| Education | \$20,250 | \$13,750 | \$8,250 | \$3,250 | \$45,500 |
| International Programs | \$15,000 | \$0 | \$0 | \$0 | \$15,000 |
| Communications and Networking | \$13,500 | \$6,000 | \$6,000 | \$8,500 | \$34,000 |
| Total | \$117,999 | \$78,499 | \$69,999 | \$58,503 | \$325,000 |

Table 4.4 Monthly Cash Flow Projection for Forest Community Program funding during Fiscal 2009-10.

| Theme Area | April 2009 | May 2009 | June 2009 | July 2009 | Aug 2009 | Sept 2009 | Oct 2009 | Nov 2009 | Dec 2009 | Jan 2010 | Feb 2010 | Mar 2010 | Total |
|---------------------------------|-------------------|-----------------|------------------|------------------|-----------------|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|------------------|
| Administration | \$12,583 | \$12,583 | \$12,583 | \$12,583 | \$21,583 | \$12,583 | \$12,583 | \$12,583 | \$12,583 | \$12,584 | \$12,584 | \$12,585 | \$160,000 |
| Forest Community Engagement | \$8,750 | \$8,750 | \$23,750 | \$3,750 | \$3,750 | \$3,750 | \$5,750 | \$5,750 | \$5,750 | \$2,750 | \$2,750 | \$2,750 | \$63,000 |
| Integrated Landscape Management | \$425 | \$425 | \$4,400 | \$250 | \$250 | \$250 | \$250 | \$250 | \$250 | \$250 | \$250 | \$250 | \$7,500 |
| Education | \$1,750 | \$1,750 | \$16,750 | \$4,583 | \$4,583 | \$4,584 | \$2,750 | \$2,750 | \$2,750 | \$1,083 | \$1,083 | \$1,084 | \$45,500 |
| International Programs | \$0 | \$0 | \$15,000 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$15,000 |
| Communications and Networking | \$1,166 | \$1,166 | \$11,167 | \$2,000 | \$2,000 | \$2,000 | \$2,000 | \$2,000 | \$2,000 | \$2,833 | \$2,833 | \$2,834 | \$34,000 |
| Total | \$19,674 | \$19,674 | \$78,651 | \$23,166 | \$32,166 | \$23,167 | \$23,333 | \$23,333 | \$23,333 | \$19,500 | \$19,500 | \$19,503 | \$325,000 |

5.0 Other

Manitoba Model Forest Office

P.O. Box 6500

Pine Falls, MB R0E 1M0

(204) 367-5232 (tel)

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www.manitobamodelforest.net

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Community Involvement Consultant

Rene Barker

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pogg@mts.net

List of Project Contacts

| Project Contact | Project Name | Contact Information |
|---------------------------------------|--|---|
| Beverly Dube, MBMF | <ul style="list-style-type: none"> ▪ Salaries ▪ Supplies and Services ▪ Travel ▪ Board Support ▪ Community Opportunities Program | (204) 367-5232 (tel) bdube@mts.net |
| Brian Kotak, MBMF | <ul style="list-style-type: none"> ▪ Forest Community Engagement Working Group ▪ Rare Species ▪ Watershed Management Tools ▪ Terrestrial Bio-monitoring ▪ Landscape Design ▪ First Nation Engagement in Western Manitoba ▪ Ethno-tourism (Costa Rica) ▪ Communications Strategy Implementation ▪ Communications Support | (204) 367-5232 (tel) (204) 345-4835 (cellular) miette@xplornet.com |
| Bob Austman, Education Consultant | <ul style="list-style-type: none"> ▪ Alternative Economic Opportunities from the Forest ▪ Junior Rangers ▪ Curriculum ▪ Education for Sustainable Development | (204) 268-1140 (tel) (204) 268-0648 (cellular) baustman@granite.mb.ca |
| Rene Barker, Community Consultant | <ul style="list-style-type: none"> ▪ Traditional Area Advisory Committees ▪ First Nation Local Involvement Committee | (204) 333-5136 (cellular) pogg@mts.net |
| Vince Keenan, Tembec | <ul style="list-style-type: none"> ▪ Integrated Landscape Management Working Group Support ▪ Scenario Planning | (204) 367-5224 (tel) vince.keenan@tembec.com |
| Tim Swanson | <ul style="list-style-type: none"> ▪ Species of Special Interest | (204) 345-6116 (tel) tim.swanson@gov.mb.ca |
| Dennis Brannen, Manitoba Conservation | <ul style="list-style-type: none"> ▪ Caribou Management | (204) 345-1429 (tel) dennis.brannen@gov.mb.ca |
| Mike James, Woodlot Assoc of Manitoba | <ul style="list-style-type: none"> ▪ Education Working Group Support | (204) 754-3575 (tel) mjames@prairie.ca |

| Project Contact | Project Name | Contact Information |
|---|---|--|
| Gary Enns, Winnipeg River Learning Centre | <ul style="list-style-type: none"> ▪ Winnipeg River Learning Centre | (204) 882-2236 (tel) garryenns@genesisnetworks.ca |
| Bob Yatkowsky, Tembec | <ul style="list-style-type: none"> ▪ Trapper Involvement | (204) 367-5225 (tel) bob.yatkowsky@tembec.com |
| Kelly Leavesley, Manitoba Conservation | <ul style="list-style-type: none"> ▪ Committee for Moose Management | (204) 345-1427 (tel) kelly.leavesley@gov.mb.ca |
| Ken Fosty, Manitoba Forestry Association | <ul style="list-style-type: none"> ▪ Woodlot Education | (204) 453-3182 (tel) kfosty@mts.net |
| Wade Cable, Louisiana Pacific | <ul style="list-style-type: none"> ▪ First Nation Engagement in Western Manitoba | (204) 734-4102 (tel) Wade.cable@lpcorp.com |
| Donna Kopecky, Louisiana Pacific | <ul style="list-style-type: none"> ▪ Stakeholder –based Watershed Management in Western Manitoba ▪ Western Manitoba Golden-winged Warbler | (204) 734-4102 (tel) Donna.kopecky@lpcorp.com |
| Doug Schindler, University of Winnipeg | <ul style="list-style-type: none"> ▪ Wildlife Use of Forest Harvest Areas | (204) 786-9015 (tel) d.schindler@uwinnipeg.ca |
| Jim Duncan, Manitoba Conservation | <ul style="list-style-type: none"> ▪ Nesting Requirements of Barred Owl | (204) 945-7465 james.duncan@gov.mb.ca |
| Stan Kaczanowski, MBMF Past President | <ul style="list-style-type: none"> ▪ Climate Change | (204) 753-8496 (tel) stankacz@mts.net |

List of Manitoba Model Forest Board of Directors

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