

PRINCE ALBERT MODEL FOREST

SUBPROGRAMS

WORK PLAN 2004-05

April, 2004

Prepared By:

**Prince Albert Model Forest
Prince Albert, Saskatchewan**

Prepared For:

**Canadian Forest Service
Edmonton, Alberta**

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PREFACE

The Phase III PAMF annual work plan for 2004-05 was developed from agendas and budgets developed by the steering committees responsible for:

- Section A: Science & Technology (Dr. Mark Johnston)
- Section B: Communications & Outreach (Susan Carr)
- Section C: Beyond Our Boundaries (Todd Olexson)
- Section D: Operations & Strategic Plan (Norm Stolle)

Once again, the work plan includes project specific information for 2004-05, together with broader planning for the balance of Phase III. Some key components such as partnering with other agencies or other model forests with similar interests and common program needs will always remain uncertain to some extent.

In cumulative contributions identified to date will approach \$1,367,300, as is seen below.

CONTRIBUTIONS SUMMARY: 2004-2005				
SUBPROGRAM	Contribution Agreement	Partner Contributions	External Contributions	2004 - 2005 Total Budget
Science & Technology	\$162,000	\$302,500	\$54,800	\$519,300
Communications & Outreach	\$87,500	\$71,000	\$60,000	\$218,500
Beyond Our Boundaries	\$60,000	\$148,000	\$201,000	\$409,000
Operations & Strategic Plan	\$190,500.00	\$32,000.00	\$0	\$220,500.00
TOTALS	\$500,000	\$553,500	\$315,800	\$1,367,300

On behalf of the PAMF partners and staff, may I extend our thanks for the continued support provided by Canadian Model Forest Network. We look forward to another year of working together to achieve sustainable forest management across Canada.

Sincerely,

Gene Kimbley, General Manager

Cc. Board of Directors, PAMF
Chairs, Subprogram Steering Committees

INTRODUCTION

PAMF Vision and Mission Statements

The PAMF Phase III vision statement is as follows:

“We envision the PAMF as a landscape demonstrating the spirit of Sustainable Forest Management through the power of working together.”

The PAMF mission statement is:

“To work towards Sustainable Forest Management through the development and testing of new forest management tools, sharing of our successes, developing linkages, and expanding the PAMF partnership.”

PAMF Phase III Objectives

Natural Resource Canada’s *Sustainable Development Strategy – Now and for the Future* is a framework designed to assist forest managers in their role of responsibly developing and using Canada’s resources. Canada’s Model Forest Program assists in pursuing this mandate through activities relevant to a number of action items highlighted under the Strategy including:

- Development of new tools to advance sustainable development;
- Development of a national consensus on forest issues;
- Development and dissemination of information for community capacity;
- Resource management; and
- Science and technology advancement to reduce environmental impact.

In developing its Phase III objectives, the PAMF focused on adherence to both the Canadian Council of Forestry Ministers’ Sustainable Forest Management Criteria and the Canadian Model Forest Program Objectives.

The Canadian Council of Forestry Ministers’ Sustainable Forest Management Criteria are:

1. Conservation of biological diversity;
2. Maintenance and enhancement of forest ecosystem condition and productivity;
3. Conservation of soil and water resources;

4. Forest ecosystem contributions to global ecological cycles;
5. Multiple benefits to society; and
6. Accepting society's responsibility for sustainable development.

The Canadian Model Forest Program Objectives are:

1. To encourage the development and adoption of innovative forest management systems and tools within and beyond model forest boundaries;
2. To ensure that the results and knowledge gained through Canada's Model Forest Program are disseminated broadly with a focus on the local, regional and national levels;
3. To strengthen model forest networking activities in support of Canada's Sustainable Forest Management priorities; and
4. To facilitate opportunities for local-level participation in Sustainable Forest Management.

The PAMF Phase III objectives, which have been synthesized from the above criteria and objectives, are:

- 1. To increase the development and adoption of Sustainable Forest Management systems and tools, including best practices development, among the partners;**
- 2. To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web;**
- 3. To extend the PAMF program beyond the boundaries through both local and extended mentored partnerships, with a particular emphasis on social policy linkages and capacity building in targeted northern communities;**
- 4. To create long-term opportunities (beyond 2007) for partners, local level participants and northern communities in the continued development and application of SFM systems and tools to improve the social, economic and environmental benefits accrued (our long-term strategic plan); and**
- 5. To strengthen model forest network activities in support of Canada's Sustainable Forest Management priorities.**

SECTION A: SCIENCE & TECHNOLOGY

A. SCIENCE AND TECHNOLOGY					
Ref. No.	Projects	2004-05 Direct \$\$	Partner Contrib.	External Contrib.	2004 - 2005 Total
	DISTURBANCE				
A.1-02	Landscape Fire	\$30,000	\$65,000	\$0	\$95,000
A.1-04	Hydrology	\$50,000	\$19,500	\$26,800	\$96,300
A.1-05a	Riparian Harvesting - Field Research	\$17,000	\$5,000	\$5,000	\$27,000
A.1-05b	Riparian Harvesting - Gap Analysis & VRA	\$10,000	\$3,000	\$3,000	\$16,000
A.1 - SUBTOTAL		\$107,000	\$92,500	\$34,800	\$234,300
	CLIMATE CHANGE SCIENCE				
A.2-01	CC & Wood Supply	\$30,000	\$10,000	\$10,000	\$50,000
A.2-04	National Carbon Modeling	\$5,000	\$10,000	\$0	\$15,000
A.2-05	Caribou Habitat	\$20,000	\$190,000	\$10,000	\$220,000
A.2 - SUBTOTAL		\$55,000	\$210,000	\$20,000	\$285,000
A. SCIENCE & TECH TOTAL		\$162,000	\$302,500	\$54,800	\$519,300

A.1 DISTURBANCE STUDIES

Project Title: **A.1-02 Landscape Fire - Using Fire-Smart Forest Management Strategies to Meet Multiple-Agency Fire Management Objectives**

**Linkage to
PAMF**

Objective(s): **Objective 1:** To increase the development and adoption of Sustainable Forest Management systems and tools, including best practices development, among partners.

Objective 2: To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

Objective 4: To create long-term opportunities (beyond 2007) for partners, local level participants and northern communities in the continued development and application of SFM systems and tools to improve the social, economic and environmental benefits accrued (our long-term strategic plan).

**Linkage to
Program**

Objectives(s):

Objective 1: To encourage the development and adoption of innovative forest management systems and tools within and beyond model forest boundaries.

Objective 2: To ensure that the results and knowledge gained through Canada's Model Forest Program are disseminated broadly with a focus on the local, regional and national levels.

Objective 4: To facilitate opportunities for local-level participation in Sustainable Forest Management.

Description:

The aim of this project is to evaluate the effectiveness Fire Smart Forest Management (FSFM) strategies for both community protection and landscape strategies through a landscape modeling approach. This will provide the information for selecting the optimal forest management techniques at the key strategic locations around the park and communities. The study will be conducted in the Prince Albert Model Forest (PAMF), as area comprising Prince Albert National Park and part of the adjacent provincial land base that corresponds to the Weyerhaeuser Forest Management Agreement. However, the study will be designed in such a way that the results will be relevant for the entire boreal mixed-wood region of western Canada. Furthermore, it will provide new techniques and methods to test the effectiveness of landscape-level strategies to mitigate the negative impacts of wildfire.

**Planned
Outputs:**

- **Technology transfer session:** A graphic user interface (GUI) for the BURN-P3 landscape fire model will be created in parallel to facilitate the analyses of landscape fire risk. This will allow any potential user to evaluate FSFM strategies for the fire environment FSFM strategies may be developed.
- **Journal paper/formal report:** Documentation on the importance of considering fire at the landscape-level for effective community protection strategies.
- **Journal paper/formal report:** A paper on the relevance of FSFM to achieve multiple fire management objectives (i.e., PANP vs. provincial forestland).
- **Technical report on implementation strategy:** An outline of the optimal FSMF strategies (and specific forest management

techniques) to reduce the landscape-level risk from wildfires for: (i) the entire study area, and (ii) around communities participating in the community fuel management project. We will discuss the contribution of our results for the eventual development of guidelines for landscape-level mitigation of fire impacts.

- **Workshop or Conference:** The presentation of the overall results and their potential implications in the boreal mixed wood of western Canada.

Immediate Outcomes:

- Development of new techniques and methods to test the effectiveness of landscape-level strategies to mitigate the impacts of wildfire
- Evaluation of the effectiveness of Fire Smart Forest Management (FSFM) strategies for both community protection and landscape strategies
- Development of optimal forest management techniques at the key strategic locations around the park and communities to reduce the landscape-level risk from wildfires

Intermediate Outcomes:

- Reduced fire risk and losses of values at risk.
- Development of guidelines for landscape-level mitigation of fire impacts.

Performance Measures:

- Publication of journal articles and project reports.
- Implementation of Fire Smart Forest Management (FSFM) strategies.

Duration: 2004 - 2005

Contacts: Jeff Weir, PANP
Paul Maczek, SE

Budget: 2004 –05 \$30,000

ADD contributions:

Partner Contributions: \$65,000
External Contributions: \$ 0

Project Title: A.1-04 Hydrology

Linkage to PAMF

Objective(s): **Objective 1:** To increase the development and adoption of Sustainable Forest Management systems and tools, including best practices development, among partners.

Objective 2: To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

Linkage to Program

Objectives(s): **Objective 2:** To ensure that the results and knowledge gained through Canada's Model Forest Program are disseminated broadly with a focus on the local, regional and national levels.

Description:

This multi-year project involves the integrated study of surface and groundwater conditions in the PAMF, at the watershed and sub-watershed scales. The project brings together scientists from the Saskatchewan Research Council and the National Water Research Institute, and builds on work completed in Phase I of the PAMF. When completed in March of 2006, this project will provide a foundation for an integrated water resource management framework for predicting the effects of various land uses on water resources, as well as assessing sensitivity to climate change.

An interim report was submitted to the PAMF in May, 2003. Progress has been made on all major task areas, including:

- Construction of the 1:250,000 GIS Database;
- Geological and hydro geological framework review;
- Initial instrumentation and sampling of ground and surface waters;
- Surface water sensitivity data review; and
- Initial examination of ground and surface water interaction.

Preparation of the 1:250,000 topographic base and accompanying Digital Elevation Model (DEM) for the study area is now complete. Digitizing of the 1:250,000 surficial geology maps covering the study area is in progress.

Data and records for 590 boreholes have been obtained from the Saskatchewan Watershed Authority (SWA) and SRC files, and 129 boreholes from Saskatchewan Industry and Resources (SIR). Most recently, Indian and Northern Affairs Canada (INAC) provided department-held well data relevant to the study area.

Historical surface and ground water quality and quantity data were obtained from Saskatchewan Environment, the SWA, SRC, and Saskatchewan Institute of Applied Arts and Science (SIASST).

Current groundwater sampling of observation wells in the study area was initiated in March 2003. The planning phase for instrumentation of surface water bodies has been completed. The surface water sensitivity data review is in progress, using existing compiled data. The review will identify gaps in the data and establish the best manner in which to address them.

Initial examination of ground and surface water interactions has resulted in several general observations being made. One of the more noticeable points is that small streams in the study area appear to be largely groundwater fed. Additionally, spring 2003 field observations and sampling along the southern flanks of the Narrow Hills, appears to indicate potential correlation between surficial geology and surface water characteristics.

**Planned
Outputs:**

This study will produce:

- 1:250,000 geological, hydrological, and hydro geological GIS database covering the entire PAMF and its watersheds;
- ground and surface waters monitoring stations for long-term monitoring;
- Reports and Seminars
- Research being Published
- Knowledge transfer both within and external to the partnerships.

**Immediate
Outcomes:**

The study will increase our knowledge interactions between surface and groundwater in the PAMF and the effects of climate change on forest hydrological resources.

**Intermediate
Outcomes:**

Provide a foundation for an integrated water resource management framework for predicting the effects of various land uses on water resources, as well as assessing sensitivity to climate change.

Performance

Measures:

- Development of hydrological baseline.
- Application and use of database as a Sustainable Forest Management tool in the PAMF.

Duration: 2003 – 2007

Contacts: Guy Melville, SRC

Budget: 2004 –05 \$50,000

ADD contributions:

Partner Contributions: \$19,500

External Contributions: \$26,800

Project Title: **A.1–05A Riparian Harvesting – Field Research**

**Linkage to
PAMF**

Objective(s): **Objective 1:** To increase the development and adoption of Sustainable Forest Management systems and tools, including best practices development, among partners.

Objective 2: To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

**Linkage to
Program**

Objectives(s): **Objective 2:** To ensure that the results and knowledge gained through Canada's Model Forest Program are disseminated broadly with a focus on the local, regional and national levels.

Description:

PAMF initiated a major study of the impacts of timber harvesting in riparian areas in 2000. At every stage, the project planning has been done by cooperation among PAMF, Saskatchewan Environment, Weyerhaeuser, Saskatchewan Research Council, and University of Saskatchewan.

Six study areas distributed across the Weyerhaeuser FMA were selected. Saskatchewan Research Council conducted major

fieldwork programs in 2000 and 2001 to establish permanent plots, conduct detailed baseline vegetation surveys, and plan harvest treatments. Ken Van Rees of the University of Saskatchewan initiated monitoring of soil temperature at the plots. PAMF staff conducted bird surveys using the microphone technique.

In 2002-2003, a series of meetings of the project partners were held to make final plans for harvest treatments and to apply to Saskatchewan Environment for approval of the harvests. The next step will be for Weyerhaeuser to carry out the harvests according to the plan. While there have been a number of delays that have required adjustments to the project schedule, we hope that harvesting will begin in the summer or fall of 2004. According to this schedule, post-harvest soil measurements will begin in 2004, while post-harvest surveys of vegetation and birds will begin after a year of vegetation development.

Planned

Outputs:

A report that details whether prescribed riparian harvesting practices, using a number of logging methods on selected ecosites, will cause any immediate impacts on riparian forest ecosystems.

Immediate

Outcomes:

The study will assist in the formation or confirmation of public policy impacting on the harvesting of riparian ecosites within the PAMF.

Intermediate

Outcomes:

The application by Saskatchewan Environment of these policies throughout Saskatchewan.

Performance

Measures:

Application of tools.

Duration:

2002 – 2006

Contacts:

Jeff Thorpe, SRC
Bob Wynes, SE

Budget:

2004 –05 \$17,000

ADD contributions:

Partner Contributions: \$ 5,000

External Contributions: \$ 5,000

Project Title: A.1–05B Riparian Harvesting – Gap Analysis

Linkage to PAMF

Objective(s): **Objective 1:** To increase the development and adoption of Sustainable Forest Management systems and tools, including best practices development, among partners.

Objective 2: To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

Linkage to Program

Objectives(s): **Objective 2:** To ensure that the results and knowledge gained through Canada’s Model Forest Program are disseminated broadly with a focus on the local, regional and national levels.

Description:

Approaches to riparian management in Saskatchewan’s forests have been changing gradually, with different practices followed in different areas. A variety of research and monitoring has been done or is underway, but there has been no process to plan and coordinate the research and monitoring needed to support management decisions. The objectives of this project are to:

- Review the state of knowledge and research/monitoring needs related to riparian management in Saskatchewan.
- Consult with government staff and stakeholders regarding riparian issues and management.
- Develop a more coordinated approach to riparian management in Saskatchewan.

Planned Outputs:

- List of issues related to riparian forest management in Saskatchewan.
- Summary of planning standards for riparian management in other provinces.
- Review of state of knowledge on effects of disturbance (harvesting, fire, flooding) on riparian areas.
- Workshops with forestry community to discuss riparian management issues.

**Immediate
Outcomes:**

- Clearer understanding of riparian issues and the related concerns of stakeholders
- Plan for larger task of developing a riparian management strategy for Saskatchewan, including funding requirements.

**Intermediate
Outcomes:**

- Development of a riparian management strategy for Saskatchewan.

**Performance
Measures:**

- Completion of workshop.
- Production of riparian management document (issues identification and literature review).
- Completed proposal for a riparian management strategy for Saskatchewan.
- Better decision-making regarding riparian management strategies and allocation of funding to research and monitoring.

Duration: 2004 – 2005

Contacts: Jeff Thorpe, SRC
Bob Wynes, SE

Budget: 2004 –05 \$10,000

ADD contributions:

Partner Contributions: \$ 3,000
External Contributions: \$ 3,000

A.2 CLIMATE CHANGE SCIENCE

Project Title: A.2-01 Effects of Climate Change on Wood Supply in the PAMF Area

Linkage to PAMF

Objective(s): **Objective 1:** To increase the development and adoption of Sustainable Forest Management systems and tools, including best practices development, among partners.

Objective 2: To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

Linkage to Program

Objectives(s): **Objective 3:** To strengthen model forest networking activities in support of Canada's Sustainable Forest Management priorities.

Description: The proposed work is innovative in that it ties process-based growth modeling directly into the wood allocation process, therefore leading to a direct evaluation of the socio-economic impact of growth changes because of climate scenarios. Change in climate may impact the forest resources through three pathways: change in growth rates of trees, change in disturbance regimes, and change in regeneration success. This work addresses the first two pathways through the simulation of growth in merchantable volume using a climate-sensitive modeling approach coupled to climate scenario data, the use of these growth estimates in timber supply modeling and the inclusion of landscape-level impacts within modeling systems to be identified.. Other complementary on-going work by one co-investigator assesses how growth under current management practices will be affected by climate change, how this change may propagate through the socio-economic chain, and what adaptation measures are possible. The work is rooted in two forestry regions of Canada in which climate change impacts are expected to be different. While the modeling results will be site specific, the approach developed here will be applicable to all regions of the country.

Planned Outputs:

- A climate sensitive forest productivity model calibrated for selected stand types in Saskatchewan
- An assessment of the impacts of climate change on the wood supply available to the forest industry.

- An economic analysis of the effects of a changing wood supply on the forest industry and on forest-dependant communities
- A package of adaptation options that can be integrated into regional Sustainable Forest Management practices.

**Immediate
Outcomes:**

Knowledge of the effects of climate change on sustainable forest management, specifically on wood supply and AAC. There is a potential for trained staff-capacity building.

**Intermediate
Outcomes:**

Adoption of the reports and practices by model forest partners and other forest managers. Ability to incorporate impacts of climate change into intermediate (5 year) and long-term (20 year) forest management plans, and to develop adaptation options for dealing with potential impacts.

**Performance
Measures:**

- The generation of a landscape model displaying Sustainable Forest Management practices through several time periods as a means of communication within the partnerships and as outreach to the public within the PAMF zone of influence.
- Extent to which impacts and adaptation planning is incorporated into medium and long-term forest management planning
- The number of staff trained.

Duration: 2002 – 2005

Contacts: Dr. Mark Johnston, SRC

Budget: 2004 –05 \$30,000

ADD contributions:

Partner Contributions: \$10,000

External Contributions: \$10,000

Project Title:	A.2-04 National Model Forest Carbon Modeling Project
PAMF Objective(s):	Objective 1: To increase the development and adoption of Sustainable Forest Management systems and tools, including best practices development, among partners. Objective 2: To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.
Linkage to Program Objectives(s):	Objective 2: To ensure that the results and knowledge gained through Canada's Model Forest Program are disseminated broadly with a focus on the local, regional and national levels.
Description:	PAMF is contributing to the Canadian Model Forest Network's National Strategic Initiative on developing the Operational Scale Carbon Budget Model of the Canadian Forest Sector (CBM). This is an effort to use the data and personnel provided by the model forests across Canada to assist the CFS Forest Carbon Accounting Team to further develop the CBM and translate it into a user-friendly tool that will allow forest managers to calculate a carbon budget for their managed landscapes. The model forests are currently testing a beta-version and will have the final version by September 2004.
Planned Outputs:	Outputs include an operational scale carbon budget model, freely available to the forestry community, and training for PAMF partners on how to use the model.
Immediate Outcomes:	Carbon budget model.
Intermediate Outcomes:	Trained model forest personnel and partner's ability to calculate carbon budgets for their managed landscapes.
Performance Measure:	Accuracy and utility of results fro CBM; ease of use of the model, number of partners' staff trained on use of CBM.
Partners:	National MF Network; SRC, Weyerhaeuser, SE

Duration: Complete by March 31, 2005

Contacts : Dr. Mark Johnston, SRC.

Budget: 2004 –05 \$5,000

ADD contributions:

Partner Contributions: \$10,000

External Contributions: \$ 0

Project Title: A.2-05 Caribou Habitat – Landscape Model

**Linkage to
PAMF**

Objective(s): **Objective 1:** To increase the development and adoption of Sustainable Forest Management systems and tools, including best practices development, among partners.

Objective 4: To create long-term opportunities (beyond 2007) for partners, local level participants and northern communities in the continued development and application of SFM systems and tools to improve the social, economic and environmental benefits accrued (our long-term strategic plan).

**Linkage to
Program**

Objectives(s): **Objective 1:** To encourage the development and adoption of innovative forest management systems and tools within and beyond model forest boundaries.

Objective 2: To ensure that the results and knowledge gained through Canada's Model Forest Program are disseminated broadly with a focus on the local, regional and national levels.

Description:

Knowledge of woodland caribou habitat requirements, especially landscape connectivity across the broader landscape is lacking for Saskatchewan, but is a key component to making sound decisions concerning woodland caribou management. This project will provide an assessment of landscape connectivity among a representative sample of woodland caribou habitat patches that will have application across the boreal plain Ecozone of the province (an area subject to considerable pressures and impacts from human activities and developments). The model will greatly assist in the development and implementation of effective woodland caribou management and recovery strategies within the Saskatchewan boreal forest. In addition, other landscape level characteristics of woodland caribou habitat will be derived and contribute to our understanding of what constitutes critical habitat. A second component of the research will gather important baseline information on caribou genetics and test the use of genetic materials for estimating population abundance. This may lead to a more effective, less costly methodology for estimating caribou abundance than traditional winter aerial surveys, and may have application to other species whose populations are difficult to estimate using traditional techniques.

**Planned
Outputs:**

- Develop a woodland caribou landscape connectivity and habitat analysis model [not previously accomplished in provincially-directed research] for the boreal forest of central Saskatchewan (this will follow procedures previously developed and tested in Manitoba);
- Identify critical woodland caribou habitat and movement corridors, and assess connectivity among a representative sample of habitat patches in the Boreal Plain Ecozone;
- Obtain baseline data on population genetic structure, which will be used to explore the use of conservation management units for caribou and for future monitoring and evaluation of woodland caribou management strategies;
- Evaluate the use of genetic material for mark-recapture population estimates, and;
- Communicate and utilize results to help develop options for management and recovery of woodland caribou.

**Immediate
Outcomes:**

- Improved understanding of caribou habitat requirements in north-central Saskatchewan.
- Better understanding of the impacts to caribou associated with human development.

**Intermediate
Outcomes:**

- Application of information to sustainable forest management, decision-making process by Saskatchewan Environment, Prince Albert National Park and the forest industry (i.e., better integrate resource management decisions related to caribou).
- Long-term protection of caribou, a species at risk

**Performance
Measures:**

- Validation of existing Manitoba caribou habitat model for Saskatchewan.
- Identification of critical woodland caribou habitat in the region, including the PAMF.

Duration: 2004 - 2005

Contacts: Dan Frandsen, PANP
Tim Trottier, SE

Budget: 2004 – 05 \$20,000

ADD contributions:

Partner Contributions: \$190,000

External Contributions: \$ 10,000

SECTION B: COMMUNICATIONS AND OUTREACH

B. COMMUNICATIONS & OUTREACH					
Ref. No.	Projects	2004-05 Direct \$\$	Partner Contrib.	External Contrib.	2004 - 2005 Total
PUBLIC AWARENESS					
B.1-01	Website edit/maintenance/digital conversion	\$10,000	\$2,000	\$0	\$12,000
B.1-02	Newsletter	\$8,000	\$3,000	\$1,000	\$12,000
B.1-03	Promotional Items	\$5,000	\$0	\$0	\$5,000
B.1-04B	Advertising	\$4,000	\$3,000	\$5,000	\$12,000
B.1-06	Poster Contest	\$3,000	\$1,000	\$2,000	\$6,000
PA - SUBTOTAL		\$30,000	\$9,000	\$8,000	\$47,000
KNOWLEDGE TRANSFER					
B.2-01A	Annual report	\$3,000	\$10,000	\$0	\$13,000
B.2-01B	Annual Conference	\$10,000	\$10,000	\$10,000	\$30,000
B.2-02	Science Fairs/Science Nights	\$4,500	\$1,000	\$5,000	\$10,500
B.2-08	Waskesiu Fuel Break Interpretive Trail	\$0	\$5,000	\$0	\$5,000
B.2-04A	Aschim Homestead - Working Woodlot	\$10,500	\$10,000	\$10,000	\$30,500
B.2-04B	Aschim Homestead - Peripheral Trail	\$0	\$5,000	\$0	\$5,000
B.2-07	Field Tours	\$1,000	\$5,000	\$5,000	\$11,000
B.2-11	Support to existing teaching materials	\$1,000	\$1,000	\$5,000	\$7,000
KT - SUBTOTAL		\$30,000	\$47,000	\$35,000	\$112,000
CAPACITY BUILDING					
B.2-01B	Conferences, Workshops & Seminars	\$12,500	\$8,000	\$2,000	\$22,500
B.2-09	Community calls for proposals - SFM	\$10,000	\$2,000	\$10,000	\$22,000
B.2-10	Community fuel break plan	\$5,000	\$5,000	\$5,000	\$15,000
CB - SUBTOTAL		\$27,500	\$15,000	\$17,000	\$59,500
B. COMMUNICATIONS & OUTREACH TOTALS		\$87,500	\$71,000	\$60,000	\$218,500

PA – PUBLIC AWARENESS

Project Title: B.1-01 Website edit/maintenance/digital conversion.

**Linkage to
PAMF**

Objective(s): **Objective 2:** To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

Objective 5: To strengthen model forest network activities in support of Canada's Sustainable Forest Management priorities.

Linkage to Program

Objectives(s): **Objective 2:** To ensure that the results and knowledge gained through Canada's Model Forest Program are disseminated broadly with a focus on the local, regional and national levels.

Description: The purpose of this project is to maintain the Prince Albert Model forest website with up to date information and provide a means for interested parties to learn about the work of the PAMF. The PAMF wants to ensure that the needs of target audiences are being met. An interactive component for youth is being planned for this site.

Planned Outputs:

- An updated virtual website displaying current information and linked to allied sites.
- Digitally accessible PAMF report abstracts
- Restored Infolink fax link to 4,000 addresses identified with an interest in Sustainable Forest Management information, technology transfer and PAMF program content and delivery.

Immediate Outcomes:

Increased awareness about the model forest and Sustainable Forest Management

Intermediate Outcomes:

An understanding of SFM by the public. Through this understanding, support for SFM and model forests should be generated.

Performance Measures:

- Number of visitors to site
- Characteristics of messages understood. (Degree with which Sustainable Forest Management is understood/appreciated)
- Number of enquiries generated by Infolink.

Duration: 2002 – 2007

Contacts: Gene Kimbley, PAMF
Irene Roy, PAMF
Susan Carr, PANP

Budget: 2004 –05 \$10,000

ADD contributions:

Partner Contributions:	\$2,000
External Contributions:	\$ 0

Project Title: B.1-02 Newsletter

Linkage to PAMF

Objective(s): **Objective 2:** To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

Objective 5: To strengthen model forest network activities in support of Canada's Sustainable Forest Management priorities.

Linkage to Program

Objectives(s): **Objective 2:** To ensure that the results and knowledge gained through Canada's Model Forest Program are disseminated broadly with a focus on the local, regional and national levels.

Description: Three issues of this newsletter are planned for the 2004 –2005 year. The newsletter will consist of articles relating to the Prince Albert Model Forest and the Canadian Model Forest Network. Model Forest participants will provide the material. Layout, printing and editing will be contracted by local agencies. Distribution will be done using the PAMF mailing list.

Planned

Outputs: Three newsletters per year.

Immediate

Outcomes: Increased awareness about the model forest and sustainable forest management.

Intermediate

Outcomes: An understanding of sustainable forest management by the general public. Through this understanding, support for SFM and model forests should be generated.

Performance

Measures:

- The newsletter publication (1,000 circulation).

- Quality and characteristics of messages sent and received, with special emphasis on Sustainable Forest Management.

Duration: 2002 – 07

Contacts: Gene Kimbley, PAMF
Irene Roy, PAMF
Susan Carr, Chair, C & O Steering Committee

Budget: 2004 –05 \$8,000

ADD contributions:

Partner Contributions: \$3,000

External Contributions: \$1,000

Project Title: B.1-03 Promotional Items

Linkage to PAMF

Objective(s): **Objective 5:** To strengthen model forest network activities in support of Canada’s Sustainable Forest Management priorities.

Linkage to Program

Objectives(s): **Objective 3:** To strengthen model forest networking activities in support of Canada’s Sustainable Forest Management priorities.

Description: Hats, jackets, knives, pens, plaques, logos.

Planned

Outputs: Attention getters and rewards for contributions connected to assistance with the achievement of communications objectives within the publics targeted.

Immediate

Outcomes: Increased awareness about the model forest and sustainable forest management.

Intermediate

Outcomes: An understanding of sustainable forest management by the general public. Through this understanding, support for SFM and model forests should be generated.

Performance

Measures: Tested feedback from target groups denotes that Sustainable Forest Management is the cornerstone of forest harvesting and forestland use.

Duration: 2002 – 07

Contacts: Gene Kimbley, PAMF
Susan Carr, PANP

Budget: 2004 –05 \$5,000

ADD contributions:

Partner Contributions: \$ 0

External Contributions: \$ 0

Project Title: B.1-04B Advertising

Linkage to PAMF

Objective(s): **Objective 2:** To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

Linkage to Program

Objectives(s): **Objective 2:** To ensure that the results and knowledge gained through Canada's Model Forest Program are disseminated broadly with a focus on the local, regional and national levels.

Description: Advertising to increase public awareness about the PAMF, its partners and sustainable forest management.

Planned

Outputs: Advertisements in local newspapers – P.A. Daily Herald (National forest week). – Rural Roots – Aboriginal press – national conference proceedings.

Immediate

Outcomes: Increased awareness about the model forest and sustainable forest management.

Intermediate

Outcomes: An understanding of sustainable forest management by the general public. Through this understanding, support for SFM and model forests should be generated.

Performance

Measures: Recognition and awareness by the public of the PAMF and sustainable forest management.

Duration: Ongoing

Contacts: Gene Kimbley, PAMF
Irene Roy, PAMF
Susan Carr, PANP

Budget: 2004 –05 \$4,000

ADD contributions:

Partner Contributions: \$3,000

External Contributions: \$5,000

Project Title: B.1-06 School Poster Contest

Linkage to PAMF

Objective(s): **Objective 2:** To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

Linkage to Program

Objectives(s): **Objective 2:** To ensure that the results and knowledge gained through Canada's Model Forest Program are disseminated broadly with a focus on the local, regional and national levels.

Description: The PAMF's education program is intended to introduce students to the work of the PAMF and its partners. The three key messages are: sustainable forest management, integrated resource management and partnerships. The PAMF plans to provide judges and prizes to local schools participating in a poster contest.

Planned

Outputs: A presence at local schools through the award of PAMF bursaries to the winners of the poster competition..

Immediate

Outcomes: Increased awareness about the model forest and sustainable forest management. Incorporation of SFM in the curriculum.

Intermediate

Outcomes: An understanding of sustainable forest management by the general public. Through this understanding, support for SFM and model forests should be generated.

Performance

Measures: The number of schools participating.

Duration: 2002 – 2003

Contacts: Bob Sajtos, Village of Candle Lake
Gene Kimbley, PAMF

Budget: 2004 –05 \$3,000

ADD contributions:

Partner Contributions: \$1,000

External Contributions: \$2,000

KT – KNOWLEDGE TRANSFER

Project Title: B.2-01A PAMF Annual Report

**Linkage to
PAMF**

Objective(s): **Objective 2:** To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

**Linkage to
Program**

Objectives(s): **Objective 2:** To ensure that the results and knowledge gained through Canada's Model Forest Program are disseminated broadly with a focus on the local, regional and national levels.

Description: PAMF will complete an Annual Report to highlight its accomplishments made during the year. The report will synthesize key information required to complete an evaluation of the PAMF program, and will include a description of projects that are under way and the milestones that have been achieved, in-kind contribution by partners and external agencies, and the Audit Report.

Planned

Outputs: A well designed format displaying the highlights of the PAMF program operations for public consumption.

Immediate

Outcomes:

- Increased accountability and achievement of objectives.
- Increased awareness about the model forest and sustainable forest management.

Intermediate

Outcomes: An understanding of sustainable forest management by the general public. Through this understanding, support for SFM and model forests should be generated.

Performance

Measures: Recognition and awareness by the public of the PAMF and sustainable forest management.

Duration: Ongoing

Contacts: Gene Kimbley, PAMF
Irene Roy, PAMF
Susan Carr, PANP

Budget: 2004 –05 \$3,000

ADD contributions:

Partner Contributions: \$10,000

External Contributions: \$ 0

Project Title: B.2-01B Annual Conference

**Linkage to
PAMF**

Objective(s): **Objective 2:** To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

Objective 5: To strengthen model forest network activities in support of Canada’s Sustainable Forest Management priorities.

Linkage to Program

Objectives(s): **Objective 2:** To ensure that the results and knowledge gained through Canada's Model Forest Program are disseminated broadly with a focus on the local, regional and national levels;

Objective 3: To strengthen model forest networking activities in support of Canada's Sustainable Forest Management priorities;

Description: The PAMF will sponsor one or more conferences related to model forest projects and/or consistent with PAMF objectives.

Planned Outputs: Conference proceedings, improved networking between model forest communications and adjustments to the PAMF communications/outreach sub programming as required, if any.

Immediate Outcomes: An understanding by all model forests of the goals, objectives and actions items in the Model Forest Network's Communication and Outreach strategy. Further, a sharing of the Communication and Outreach activities across all model forests will take place and will further facilitate transfer of knowledge that will benefit and build a stronger model forest network.

Intermediate Outcomes: Strong support for the Model Forest Network Communication and Outreach strategy across the network, a vitalized connection of purpose between communication and outreach of model forests and a harmonized delivery to the Model Forest Network communication and outreach strategy.

Performance Measures: Increased participation by PAMF in model forest network.

Duration: 2002 - 07

Contacts: Gene Kimbley, PAMF
Susan Carr, PANP

Budget: 2004 -05 \$10,000

ADD contributions:
 Partner Contributions: \$10,000
 External Contributions: \$10,000

Project Title: B.2-02 School Science Fairs/Science Nights

Linkage to PAMF

Objective(s): **Objective 2:** To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

Linkage to Program

Objectives(s): **Objective 2:** To ensure that the results and knowledge gained through Canada's Model Forest Program are disseminated broadly with a focus on the local, regional and national levels;

Description: The PAMF's education program is intended to introduce students to the work of the PAMF and its partners. The three key messages include: Sustainable Forest Management, Integrated Resource Management and partnerships. The PAMF plans to provide judges and prizes at local school science fairs.

Planned Outputs:

A presence at local schools to produce knowledge transfer and public awareness

Immediate Outcomes:

Increased awareness about the model forest and sustainable forest management. Incorporation of SFM in the curriculum.

Intermediate Outcomes:

An understanding of sustainable forest management by the general public. Through this understanding, support for SFM and model forests should be generated.

Performance Measures:

- The number of schools participating.
- Results of on site questionnaires.
- Number of science programs held.

Duration: On-going.

Contacts: Bob Sajtos, Village of Candle Lake
Gene Kimbley, PAMF
Susan Carr, PANP

Budget: 2004 – 05 \$4,500

ADD contributions:

Partner Contributions: \$1,000

External Contributions: \$5,000

Project Title: B.2-08 Waskesiu Fuel Break Interpretive Trail

PAMF

Objective(s): **Objective 2:** To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

Objective 5: To strengthen model forest network activities in support of Canada's Sustainable Forest Management priorities and the Fire Smart communities program in particular.

Linkage to Program

Objectives(s): **Objective 2:** To ensure that the results and knowledge gained through Canada's model forest program are disseminated broadly with a focus on the local, regional, and national levels.

Description: The purpose of this project is to create an interpretive trail around the periphery of the Waskesiu Community Fuel Break which is readily accessible from the town site and provides opportunities to learn about the boreal forest, fire ecology, fuel breaks, and promotes the Prince Albert Model Forest program. The trail and fuel break will provide one model for other communities considering fuel breaks to explore.

Planned Outputs:

An interpretive trail around the periphery of the Waskesiu Community Fuel Break which highlights information regarding boreal forest ecology, fire ecology, how communities in the boreal forest can reduce the risk of forest fire, promotion of the Prince Albert Model Forest program.

Immediate Outcomes:

Increased awareness about the model forest and sustainable forest management, fire smart communities, the importance of fuel breaks in boreal forest communities.

Intermediate

Outcomes: An understanding of sustainable forest management (SFM) and the Fire Smart program by the general public. Through this understanding, support for SFM and Model Forests should be generated.

Performance

Measures: Number of visitors to site.

Duration: 2003 – 2004

Contacts: Susan Carr, Chair, C & O steering committee

Budget: 2004 – 05 \$ 0

ADD contributions:

Partner Contributions: \$5,000

External Contributions: \$ 0

Project Title: B.2-04A Aschim Homestead – Working Woodlot

**Linkage to
PAMF**

Objective(s): **Objective 1:** To increase the development and adoption of Sustainable Forest Management systems and tools, including best practices development, among the partners;

Objective 2: To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

**Linkage to
Program**

Objectives(s): **Objective 4:** To facilitate opportunities for local-level participation in Sustainable Forest Management.

Description: The Aschim homestead covers an area of 160 acres (65 hectares), near the Resort Village of Candle Lake. The Aschim Homestead, has a large variety of trees and vegetation with a large riparian area. A burial ground and artifacts in the area indicate previous habitation by First Nations people. The homestead itself is of Norwegian design, reflecting the ancestry of the Aschim family and there are several trails to walk on and learn about the people who settled this area. Ansgar and Christine Aschim had a deep

respect for nature, and were careful stewards of the area's natural resources and developed a profitable woodlot enterprise. It is fitting that we keep this legacy of the Aschim's and have the heritage forest as a demonstration woodlot

**Planned
Outputs:**

- Management plan for the Aschim Homestead Woodlot.
- Functional working woodlot (demonstration).
- Training and educational programs.

**Immediate
Outcomes:**

- Increased awareness about sustainable forest management at the woodlot level.
- Training of students.

**Intermediate
Outcomes:**

- An understanding of sustainable woodlot management by the general public.
- Relevant changes in management practices of Saskatchewan woodlots

**Performance
Measures:**

- The number of visitors to the site as measured through visitor self-registrations and through an installed traffic counter.
- Surveys of visitors, including Saskatchewan woodlot owners to establish what they have learned and what they will take with them to apply elsewhere.

Duration: 2002 – 2007

Contacts: Bob Sajtos, Village of Candle Lake
Susan Carr, PANP

Budget: 2004 –05 \$10,500

ADD contributions:

Partner Contributions: \$10,000
External Contributions: \$10,000

Project Title: B.2-04B Aschim Homestead – Peripheral Trail

Linkage to PAMF

Objective(s): **Objective 2:** To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

Linkage to Program

Objectives(s): **Objective 4:** To facilitate opportunities for local-level participation in Sustainable Forest Management.

Description: The Aschim homestead covers an area of 160 acres (65 hectares), near the Resort Village of Candle Lake. The Aschim Homestead, has a large variety of trees and vegetation with a large riparian area. A burial ground and artifacts in the area indicate previous habitation by First Nations people. The homestead itself is of Norwegian design, reflecting the ancestry of the Aschim family and there are several trails to walk on and learn about the people who settled this area. Ansgar and Christine Aschim had a deep respect for nature, and were careful stewards of the area's natural resources and developed a profitable woodlot enterprise. It is fitting that we keep this legacy of the Aschim's and have the heritage forest as a demonstration woodlot

Planned Outputs:

- Improvements to the buildings and trails and upgraded signage.
- A pamphlet describing the project and its objectives for use when a guide is unavailable.

Immediate Outcomes:

Increased awareness about sustainable forest management at the woodlot level.

Intermediate Outcomes:

An understanding of sustainable woodlot management by the general public.

Performance Measures:

The number of visitors to the site as measured through visitor self-registrations and through an installed traffic counter.

Duration: 2002 – 2007

Contacts: Bob Sajtos, Village of Candle Lake
Susan Carr, PANP

Budget: 2004 –05 \$ 0

ADD contributions:

Partner Contributions: \$5,000

External Contributions: \$ 0

Project Title: B.2-07 Field Tours

Linkage to PAMF

Objective(s): **Objective 2:** To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

Linkage to Program

Objectives(s): **Objective 2:** To ensure that the results and knowledge gained through Canada's Model Forest Program are disseminated broadly with a focus on the local, regional and national levels.

Description: Guided and self-guided tour packages will be developed to increase awareness of sustainable forest management in the PAMF.

Planned Outputs:

Guided and self-guided tour packages.

Immediate Outcomes:

Increased awareness about the PAMF and sustainable forest management.

Intermediate Outcomes:

An understanding of sustainable forest management by the general public. Through this understanding, support for SFM and model forests should be generated.

Performance Measures:

Number of tours developed and distributed to public.

Duration:

2002 – 2007

Contacts:

Bob Sajtos, Village of Candle Lake
Gene Kimbley, PAMF

Budget:

2004 –05 \$1,000 (more next year)

ADD contributions:

Partner Contributions: \$5,000
External Contributions: \$5,000

Project Title:	B.2-11 Support to Existing Teaching Materials
Linkage to PAMF Objective(s):	Objective 2: To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.
Linkage to Program Objectives(s):	Objective 2: To ensure that the results and knowledge gained through Canada's Model Forest Program are disseminated broadly with a focus on the local, regional and national levels.
Description:	The PAMF's support to existing teaching materials is intended to raise awareness among students about the PAMF and the work of the PAMF and its partners. The PAMF provides support to other agencies developing relevant teaching materials in the area of sustainable forest management, integrated resource management and partnerships.
Planned Outputs:	Teaching materials, which further the message of the PAMF and sustainable forest management.
Immediate Outcomes:	Increased awareness about the model forest and sustainable forest management. Incorporation of SFM in the curriculum.
Intermediate Outcomes:	An understanding of sustainable forest management by the general public. Through this understanding, support for SFM and model forests should be generated.
Performance Measures:	The number of schools adopting the teaching materials for use in their curricula.
Duration:	2004 - 2005
Contacts:	Bob Sajtos, Village of Candle Lake Gene Kimbley, PAMF
Budget:	2004 -05 \$1,000

ADD contributions:

Partner Contributions:	\$1,000
External Contributions:	\$5,000

CB – CAPACITY BUILDING

Project Title: B.2-01B Conferences, Workshops and Seminars

**Linkage to
PAMF**

Objective(s): **Objective 1:** To increase the development and adoption of Sustainable Forest Management systems and tools, including best practices development, among partners.

Objective 2: To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

**Linkage to
Program**

Objectives(s): **Objective 1:** To encourage the development and adoption of innovative forest management systems and tools within and beyond model forest boundaries.

Objective 2: To ensure that the results and knowledge gained through Canada's Model Forest Program are disseminated broadly with a focus on the local, regional and national levels.

Objective 3: To strengthen model forest networking activities in support of Canada's Sustainable Forest Management priorities.

Objective 4: To facilitate opportunities for local-level participation in Sustainable Forest Management.

Description: Conferences, seminars and workshops involving forest practitioners, scientists, trainers, program leaders, and capacity builders.

**Planned
Outputs:** Proceedings, articles, media clips, community and activity action plans.

Immediate

Outcomes: Generation of improved infrastructures designed to deliver programming identified through the networks and resources developed. A source of trained individuals for use in program delivery.

Intermediate

Outcomes: New or modified activity action plans designed to meet or exceed the expectations of the PAMF and Canadian Model Forest Program.

Performance

Measures: Number of conferences, workshops and seminars; numbers of participants; the existence of modified or new action plans generated by steering committees and PAMF management.

Duration: 2002 – 2007

Contacts: Joanne Kowalski, SFC
Gene Kimbley, PAMF

Budget: 2004 –05 \$12,500

ADD contributions:

Partner Contributions: \$ 8,000

External Contributions: \$ 2,000

Project Title: B.2-09 Community Calls for Proposals Targeted at SFM

Linkage to PAMF

Objective(s): **Objective 1:** To increase the development and adoption of Sustainable Forest Management systems and tools, including best practices development, among the partners;

Objective 3: To extend the PAMF program beyond the boundaries through both local and extended mentored partnerships, with a particular emphasis on social policy linkages and capacity building in targeted northern communities;

Linkage to Program

Objectives(s): **Objective 1:** To encourage the development and adoption of innovative forest management systems and tools within and beyond model forest boundaries.

Objective 4: To facilitate opportunities for local level participation in Sustainable Forest Management.

Description: The purpose of this project is to engage communities both within and beyond the boundaries of the Model Forest area in developing local projects related to Sustainable Forest Management. This will be encouraged by offering PAMF funding in combination with the proponent's funding and in-kind contributions

Planned Outputs: Development of innovative sustainable forest management systems and tools, increased research and programs, which will enhance our knowledge of SFM and engage others in learning about and applying SFM principles to their communities.

Immediate Outcomes: Increased awareness about the model forest, sustainable forest management and increased involvement of communities in the application of sustainable forest management practices and tools.

Intermediate Outcomes: An understanding of sustainable forest management. Through this understanding, support for SFM and Model Forests should be enhanced.

Performance Measures: Number and quality of projects successfully completed Degree of interest shown by quantity and quality of applications

Duration: 2003/04 – 2006/07

Contacts: Kim Clark, SE
Gene Kimbley, PAMF

Budget: 2004 –05 \$10,000

ADD contributions:

Partner Contributions: \$ 2,000

External Contributions: \$10,000

Project Title: B.2-10 Community Fuel Break Plan

Linkage to PAMF

Objective(s): **Objective 1:** To increase the development and adoption of Sustainable Forest Management systems and tools, including best practices development, among the partners.

Objective 3: To extend the PAMF program beyond the boundaries through both local and extended mentored partnerships, with a particular emphasis on social policy linkages and capacity building in targeted northern communities.

Linkage to Program

Objectives(s): **Objective 1:** To encourage the development and adoption of innovative forest management systems and tools within and beyond model forest boundaries.

Objective 4: To facilitate opportunities for local level participation in Sustainable Forest Management.

Description: The purpose of this project is to build expertise both within and beyond the boundaries of the Model Forest in developing and implementing a community Fuel Break Model.

Planned Outputs:

Development of a sustainable fuel break model, which can be implemented or modified as, required in various boreal forest communities. Will be implemented in another community in future.

Immediate Outcomes:

- Increased awareness and knowledge of fire hazards to participating community and completed Fire Smart plan.
- Increased expertise in fuel break development, which will enhance our knowledge of SFM and engage others in learning about and implementing SFM principles to their communities.

Intermediate Outcomes:

Reduction in fire hazard.

Performance

Measures: Completed Fuel Break Model, which can be modified to implement in various communities

Duration: 2003/04 – 2004/05

Contacts: Bob Sajtos, Village of Candle Lake
Jeff Weir, PANP
Curtis Lee, SE

Budget: 2004 –05 \$5,000

ADD contributions:

Partner Contributions: \$5,000

External Contributions: \$5,000

SECTION C: BEYOND OUR BOUNDARIES

C. BEYOND OUR BOUNDARIES					
Ref. No.	Projects	2004-05 Direct \$\$	Partner Contrib.	External Contrib.	2004 - 2005 Total
C.1-04	Moose Management, Cumberland Delta	\$10,000	\$72,000	\$0	\$82,000
C.1-05	Athabasca Land Use Planning	\$10,000	\$30,000	\$50,000	\$90,000
C.1-06	Tourism Diversification Opportunities	\$15,000	\$30,000	\$15,000	\$60,000
C.1-07	Community Relationship Building	\$13,000	\$5,000	\$50,000	\$68,000
C.1-08	Deschambault Lake Traditional Land Use	\$2,000	\$6,000	\$6,000	\$14,000
C.1-09	Traditional Resource Use Curriculum	\$10,000	\$5,000	\$80,000	\$95,000
C.1 BEYOND OUR BOUNDARIES TOTALS		\$60,000	\$148,000	\$201,000	\$409,000

Project Title: C.1- 04 Moose Management Project

**Linkage to
PAMF**

Objective(s): **Objective 3:** To extend the PAMF program beyond the boundaries through both local and extended mentored partnerships, with a particular emphasis on social policy linkages and capacity building in targeted northern zones.

Objective 4: To create long-term opportunities (beyond 2007) for partners, local level participants and northern communities in the continued development and application of Sustainable Forest Management systems and tools to improve the social, economic and environmental benefits accrued (our long-term strategic plan).

**Linkage to
Program**

Objectives(s): **Objective 1:** To encourage the development and adoption of innovative forest management systems and tools within and beyond model forest boundaries.

Description: A moose management project is underway in the Cumberland Delta. The Cumberland Delta Moose Management Committee has been formed consisting of interest groups, community members and Aboriginal people that use the area. Community workshops have been held with each interest group and community in the area. This year, work will focus on implementing on-the-ground projects that have been developed through consultation with the Cumberland Delta Moose Management Committee and confirmed by the community and interest group workshops.

Project scope includes:

- Prescribed burning as a management tool
- Education on moose management to community members
- Collecting harvest information from local people
- Aerial survey in 3-4 years

**Planned
Outputs:**

- Moose management strategies developed in cooperation between provincial government and interests including local residents, First Nations and Metis.
- A report documenting moose management strategies developed.
- Development of management guidelines for moose, including habitat assessment in designated sites within the Cumberland delta.
- Establishment of new partnerships (possibility).
- Meeting minutes.

**Immediate
Outcomes:**

Better understanding of moose management issues.

**Intermediate
Outcomes:**

- Increase capacity in the communities to participate in cooperative management initiatives (to date there has been correspondence and between the CDMMC and Pasquia Porcupine Forest Management Advisory Committee (FMAC) on issues relating to moose management and an invitations extended to attend CDMMC meeting to FMAC members).
- Increased skill development and capacity building at the local community level in the management of moose. It should also enhance community based sustainable forest management and bring communities closer together.

**Performance
Measures:**

An increase in the moose population for the designated sites.

Duration:

2003 to 2006

Contacts:

Ed Kowal, SE

Gene Kimbley, PAMF

Budget: 2004-05: \$10,000

ADD contributions:

Partner Contributions: \$72,000

External Contributions: \$ 0

Project Title: C.1-05 Athabasca Land Use Planning – Management Structure Development

Linkage to PAMF

Objective(s): **Objective 3:** To extend the PAMF program beyond the boundaries through both local and extended mentored partnerships, with a particular emphasis on social policy linkages and capacity building in targeted northern zones.

Objective 4: To create long-term opportunities (beyond 2007) for partners, local level participants and northern communities in the continued development and application of Sustainable Forest Management systems and tools to improve the social, economic and environmental benefits accrued (our long-term strategic plan).

Linkage to Program

Objectives(s): **Objective 1:** To encourage the development and adoption of innovative forest management systems and tools within and beyond model forest boundaries.

Description: The project is to establish an Athabasca *community-based resource management structure*, beginning August 2003. Its role will be management of Stage 1 area & land use planning for Stage 2. Coming from an Agreement that commits to explore options for delegated decision-making, this management structure may be a first for Saskatchewan. Emphasis will be on capacity building in decision-support systems, sustainable forest management, governance, and integrating management paradigms based on different worldviews.

Planned Outputs:

Working toward establishment of an Athabasca management structure, is the targeted area for PAMF involvement, particularly in the role of capacity building. The management structure will be

a forum for shared resource-management decisions in the Stage 1 planning area.

Field trips to other boards, training workshops, & experience-based methods aimed at increasing capacity in sustainable forest management, governance and decision-making about resources in a complex social and political environment may be part of this project.

Immediate Outcomes:

- Better understanding of moose management issues.
- Increased involvement of communities in resource management

Intermediate Outcomes:

- Increased resource management decision-making capacity in the communities.
- Increased local input and control over resource management decisions for the area.

Performance Measures:

- Development of a document outlining a successful management structure for the Athabasca area
- Number of meeting/attendants at workshops to develop the management strategy
- Successful implementation of the management structure

Duration: 2003 – 2005

Contacts: Diane McDonald, PAGC
Todd Olexson, SE

Agency: Prince Albert Grand Council
Athabasca Land Use Project

Budget: 2004-05: \$10,000

ADD contributions:

Partner Contributions: \$30,000
External Contributions: \$50,000

Project Title: C.1-06 Tourism Diversification Opportunities – Heritage Tourism Development

Linkage to PAMF

Objectives: **Objective 3:** To extend the PAMF program beyond the boundaries through both local and extended mentored partnerships, with a particular emphasis on social policy linkages and capacity building in targeted northern communities;

Objective 4: To create long-term opportunities (beyond 2007) for partners, local level participants and northern communities in the continued development and application of SFM systems and tools to improve the social, economic and environmental benefits accrued (our long-term strategic plan); and

Objective 5: To strengthen model forest network activities in support of Canada's Sustainable Forest Management priorities.

Linkage to Program

Objectives: **Objective 2:** To encourage the development and adoption of innovative forest management systems and tools within and beyond model forest boundaries;

Description: To develop with the involvement of Aboriginal people and communities that have historically used the southern portion of PANP, a cultural area within the national park boundaries (formerly the old buffalo paddock area). This involves modifying the current park management plan, and an environmental assessment. Through consultation, development of a process to develop and organize cultural and tourism uses that will be permitted. A working group consisting of First Nations has been formed and is actively working to develop events, activities and guidelines for this area.

Planned Outputs:

- Partnership between government and Aboriginal people.
- A cultural site for Aboriginal people to educate the public about their culture and history within the PANP.
- New market for Aboriginal products.

Immediate

Outcomes:

- Additional tourism opportunities for Aboriginal people.
- Better working relationship between government and Aboriginal people and an enhanced visitor experience.

Intermediate

Outcomes:

- Increased involvement of Aboriginal people in management of PANP;
- Better working relationship between PANP and Aboriginal people;
- Additional tourism opportunities for Aboriginal people
- New revenue sources through development of additional tourism opportunities by Aboriginal people; and
- Better understanding of Aboriginal culture by Park visitors.

Performance

Measures:

- Numbers of involved communities.
- Numbers of involved Aboriginal residents.

Duration: 2003 - 04 +

Contacts: Henry Fremont, PANP
Gene Kimbley, PAMF

Budget: 2004 - 05: \$15,000

ADD contributions:

Partner Contributions: \$30,000

External Contributions: \$15,000

Project Title: C.1-07 Community Relationship Building

**Linkage to
PAMF**

Objective(s):

Objective 3: To extend the PAMF program beyond the boundaries through both local and extended mentored partnerships,

with a particular emphasis on social policy linkages and capacity building in targeted northern communities;

Objective 4: To create long-term opportunities (beyond 2007) for partners, local level participants and northern communities in the continued development and application of SFM systems and tools to improve the social, economic and environmental benefits accrued (our long-term strategic plan); and

Objective 5: To strengthen model forest network activities in support of Canada's Sustainable Forest Management priorities.

**Linkage to
Program
Objectives(s):**

Objective 3: To ensure that the results and knowledge gained through Canada's Model Forest Program are disseminated broadly with a focus on the local, regional and national levels;

Objective 4: To strengthen model forest networking activities in support of Canada's Sustainable Forest Management priorities; and

Objective 5: To facilitate opportunities for local-level participation in Sustainable Forest Management.

Description:

This project will focus on contacting Aboriginal communities with regard to PAMF program functions, project opportunities, other opportunities for involvement. It includes assistance with the development of working relationships with external groups, agencies and other bodies that impact on their societal infrastructure.

**Planned
Outputs:**

Community workshops and meetings.

**Immediate
Outcomes:**

- Increased knowledge of the Model Forest program.
- Increased understanding of Sustainable Forest Management.
- Improved community-government relations.
- Development of additional networks among northern communities.

**Intermediate
Outcomes:**

- Communities develop Sustainable Forest Management projects.

- Partnerships and better working relationships between northern communities, governments and industry.

Performance

Measures: Numbers of communities involved in the project.

Duration: 2003 – 04 +

Contacts: Todd Olexson, SE
Gene Kimbley, PAMF

Budget: 2004 - 05: \$8,000

ADD contributions:

Partner Contributions: \$ 5,000

External Contributions: \$50,000

Project Title: C.1-08 Deschambault Lake Traditional Land Use Changes Over the Past 50 years

Linkage to PAMF

Objective(s): **Objective 2:** To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

Objective 3: To extend the PAMF program beyond the boundaries through both local and extended mentored partnerships, with a particular emphasis on social policy linkages and capacity building in targeted northern communities;

Objective 4: To create long-term opportunities (beyond 2007) for partners, local level participants and northern communities in the continued development and application of SFM systems and tools to improve the social, economic and environmental benefits accrued (our long-term strategic plan); and

Linkage to Program

Objectives(s): **Objective 2:** To ensure that the results and knowledge gained through Canada's Model Forest Program are disseminated broadly with a focus on the local, regional and national levels;

Objective 4: To facilitate opportunities for local-level participation in Sustainable Forest Management.

Description:

At the Climate Change meeting in Prince Albert on Feb 3, 2004 an elder Oscar Beatty attended. During the discussion period he indicated that he has seen a number of changes in the community and the wildlife surrounding the community, that he felt that could be attributed to climate change. He was interested in recording his recollections of the history of the area. This information could also be used in additional climate change workshops that we are planning in the area, Deschambault, Lac La Ronge, Montreal Lake and Sturgeon Lake. The project would be a combination project, similar to the Montreal Lake Region its history and geography that would form the background information, and a Traditional Land Use study similar to the ones completed for the Athabasca Basin Land Use study (i.e., small scale).

Basic physical, geographical, and historical data would be collected on area surrounding the town site and the families traditional areas. Information will be gathered on trapping areas, kill sites for big and small game animals, furbearer's, and birds areas for berry, egg, plant wood gathers as well as difference types of overnight sites, (cabin, tent, open air). The basic information on the interviews will be transferred to 12,000 forest cover maps.

**Planned
Outputs:**

- Taped interview of Oscar Beatty and his family on their traditional use.
- Transcripts of the interviews
- Forest cover maps with traditional use documented on them.
- Information loaded into a GIS system.
- Map outputs would included: Big and small game harvest sites, Fish harvest sites, Bird harvest sites, Food gathering sites, Special plants, rock and soil gathering sites, Fur bearing animals harvest sites,. Trapping areas, cultural sites, overnight sites, commercial activities, commercial guiding activities commercial wood harvesting sites, commercial fishing activities.
- Activities would be separated in season of year and if possible early and late history.

**Immediate
Outcomes:**

- Completion of a GIS database on traditional use patterns and Community support for the project.
- Better understanding of Aboriginal observations of changes in the natural environment.

**Intermediate
Outcomes:**

- Potential linkages between Traditional Knowledge and scientific knowledge of environmental change.
- Incorporation of findings into land management decision-making in the area, including forest management.

**Performance
Measures:**

- Number of projects information is used for.
- Number of reports provided to decision-makers.

Duration: 2004 –06

Contacts: Mike Newman, CFS

Budget: 2004 –05 \$2,000

ADD contributions:

Partner Contributions: \$6,000

External Contributions: \$6,000

Project Title: C.1-09 Uskiy – Ne Traditional Resource Use Curriculum
Development

**Linkage to
PAMF**

Objective(s): **Objective 2:** To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

Objective 3: To extend the PAMF program beyond the boundaries through both local and extended mentored partnerships,

with a particular emphasis on social policy linkages and capacity building in targeted northern communities.

Objective 4: To create long-term opportunities (beyond 2007) for partners, local level participants and northern communities in the continued development and application of SFM systems and tools to improve the social, economic and environmental benefits accrued (our long-term strategic plan).

**Linkage to
Program**

Objectives(s):

Objective 2: To ensure that the results and knowledge gained through Canada's Model Forest Program are disseminated broadly with a focus on the local, regional and national levels;

Objective 4: To facilitate opportunities for local-level participation in Sustainable Forest Management.

Description:

This project is a pilot to develop a curriculum to stimulate and support the development of innovative responses and culturally affirm Aboriginal education programs, curriculum resources, language instruction and extra curricular activities. In addition, it is hoped that this curriculum development will help to improve the students academic and cultural identity as well as increase community involvement in schools. This program will provide students with a flexible ongoing curriculum that encompasses local Aboriginal knowledge and may include the following areas:

- Aboriginal languages
- Traditional Ecological Knowledge
- Traditional Medicines
- Physical and Mental Health
- Life Skills
- Entrepreneurial Skills

To complete the project in each community the local school will work in conjunction with the NLSD (Northern Lights School Division) #113 Program Coordinator, Curriculum Writer and a local project committee comprised of fishers, trappers, wild rice harvesters, community elders and resource management agencies.

The communities involved in this project include: Beauval, La Loche, La Ronge, Pinehouse and Weyakwin. Once this 3-year project it complete other communities will be brought into the project.

**Planned
Outputs:**

- Traditional resource use curriculum developed and operating in several communities.
- Curriculum that helps Aboriginal people develop/maintain traditional skills.

**Immediate
Outcomes:**

Increased Aboriginal participation in the development of school curriculum.

**Intermediate
Outcomes:**

- Increased involvement of Aboriginal people in the school and its programs
- Maintenance of Traditional culture through the internal promotion among students

**Performance
Measures:**

- Successful implementation of curriculum in one community (PAMF is only funding one community)
- Number of communities in which the curriculum is implemented

Duration: 2004 to 2006 (possibility of participating in future projects in other communities)

Contacts: Jeff McKay, SE

Budget: 2004 –05 \$10,000

ADD contributions:

Partner Contributions: \$ 5,000

External Contributions: \$80,000

Note: Funding associated with the project staff is being provided by the Northern Lights School Division #113 and Saskatchewan Learning.

SECTION D: OPERATIONS AND STRATEGIC PLAN.

D. OPERATIONS AND STRATEGIC PLAN				
Projects	2004-05 Direct \$\$	Partner Contrib.	External Contrib.	2004 - 2005 Total
Salaries & Benefits	\$40,500.00			\$40,500.00
Management Services	\$132,000.00			\$162,000.00
Travel	\$3,000.00			\$3,000.00
Accounting	\$4,200.00			\$4,200.00
Communications	\$2,000.00			\$2,000.00
Supplies	\$500.00			\$500.00
Insurance	\$2,000.00			\$2,000.00
Legal	\$300.00			\$300.00
Director Meetings/Expenses	\$6,000.00	\$32,000.00		\$6,000.00
D. TOTAL ADMINISTRATION	\$190,500.00	\$32,000.00		\$220,500.00

DESCRIPTION OF THE OPERATIONS FUNCTION

The 'Operations' function is described within the PAMF Phase III plan, 2002-2007 (Section 4: Governance) and again within the PAMF Policy Guidelines manual (Section 8) produced and circulated in June 2002. Both the general manager and administrator report to the PAMF executive committee. The former is acquired through outsourced operations and associated support services. The latter is funded from within PAMF directly.

Operational decisions are made by a 'planning and operations committee', consisting of the executive committee, the chairs of the steering committees, the General Manager and the Administrator.

The 'Strategic Plan' is a deliverable to be completed by the end of this Phase III period. Ultimately, its function is to formulate the long-term strategies, associated programs, connected activities, schedules and financial plan for the partners within PAMF or its successor.

Project Title: D.1-01 IRM PLAN REVIEW

Linkage to PAMF

Objective(s): **Objective 1:** To increase the development and adoption of Sustainable Forest Management systems and tools, including best practices development, among partners.

Objective 4: To create long-term opportunities (beyond 2007) for partners, local level participants and northern communities in the continued development and application of Sustainable Forest

Management systems and tools to improve the social, economic and environmental benefits accrued (our long-term strategic plan).

Linkage to Program

Objectives(s): **Objective 1:** To encourage the development and adoption of innovative forest management systems and tools within and beyond model forest boundaries.

Description: PAMF will complete a review of the Integrated Resource Management Plan, completed in the spring of 2000, to determine the progress that has been made on the actions identified in the plan. Once the review has been completed, the PAMF will work with its partners to determine if the issues have been addressed and if there are new issues that need to be addressed. This will set the basis for developing a new integrated resource management plan.

Planned Outputs: Revisions/updates to IRM plan.

Immediate Outcomes: Identification of new IRM issues and update requirements.

Intermediate Outcomes: Updated strategic plan for IRM planning area, with longer-term view and updated vision.

Performance Measures: Implementation of updated IRM plan.

Duration: 2004 – 2005+

Contacts: Gene Kimbley, PAMF

Budget: Covered under outsourced management services.

ADD contributions:

Partner Contributions:	\$20,000
External Contributions:	\$ 0

Project Title: D.1-02 The Long-Term Strategic Plan for PAMF

Linkage to PAMF

Objective(s): **Objective 1:** To increase the development and adoption of Sustainable Forest Management systems and tools, including best practices development, among partners.

Objective 2: To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

Objective 3: To extend the PAMF program beyond the boundaries through both local and extended mentored partnerships, with a particular emphasis on social policy linkages and capacity building in targeted northern zones.

Objective 4: To create long-term opportunities (beyond 2007) for partners, local level participants and northern communities in the continued development and application of Sustainable Forest Management systems and tools to improve the social, economic and environmental benefits accrued (our long-term strategic plan).

Objective 5: To strengthen model forest network activities in support of Canada's Sustainable Forest Management priorities.

Linkage to Program

Objectives(s): **Objective 1:** To encourage the development and adoption of innovative forest management systems and tools within and beyond model forest boundaries.

Description: By 2006, an extension of Phase III PAMF plan into the longer term (draft for consideration). By March 2007, a final draft.

Planned

Outputs: A vehicle for the achievement of PAMF inherited program objectives, together with a delivery structure and associated funding. This will include a financial plan also.

Immediate Outcomes:

Comfort amongst the partners that the programming initiated in 1992, and continued for 15 years, will continue to uphold the spirit

of working together, with mutual support and the sharing of common goals. New partners will also be included.

**Intermediate
Outcomes:**

Continued growth in public awareness and involvement with Sustainable Forest Management at the local, regional and national levels; continued growth in Aboriginal capacity building and Compliance with Contribution Agreement.

**Performance
Measures:**

An extended PAMF base, although, the program itself may change.

Duration:

2002 – 2007

Contacts:

Norm Stolle, president, PAMF.

Budget:

Covered under outsourced management services.

Project Title:

D.1-03 The General Manager's Function

**Linkage to
PAMF**

Objective(s):

Objective 1: To increase the development and adoption of Sustainable Forest Management systems and tools, including best practices development, among partners.

Objective 2: To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

Objective 3: To extend the PAMF program beyond the boundaries through both local and extended mentored partnerships, with a particular emphasis on social policy linkages and capacity building in targeted northern zones.

Objective 4: To create long-term opportunities (beyond 2007) for partners, local level participants and northern communities in the continued development and application of Sustainable Forest Management systems and tools to improve the social, economic and environmental benefits accrued (our long-term strategic plan).

Objective 5: To strengthen model forest network activities in support of Canada's Sustainable Forest Management priorities.

Linkage to Program

Objectives(s): **Objective 1:** To encourage the development and adoption of innovative forest management systems and tools within and beyond model forest boundaries.

Description: a) Program delivery is documented through monthly, annual and fifth-year reports.
b) Work plans specified by the directors.

Planned Outputs: a) Monthly report to the board and exec. committee.
b) Annual report to the board and CFS proponent.
c) Annual work plans likewise.
d) Meeting minutes and supporting financials.
e) Implementation of steering committee work plans, including support services.

Immediate Outcomes: Compliance with all scheduled deadlines and payment of accounts rendered.

Intermediate Outcomes: Compliance with Contribution Agreement.

Performance Measures: Achievement of outcomes defined within the work plan.

Duration: 2002 – 2007

Contacts: Norm Stolle, president, PAMF.

Budget: Covered under outsourced management services.

ADD contributions:

Partner Contributions:	\$20,000
External Contributions:	\$ 0

Project Title: D.1-04 The Administrator's Function.

Linkage to PAMF

Objective(s): **Objective 1:** To increase the development and adoption of Sustainable Forest Management systems and tools, including best practices development, among partners.

Objective 2: To increase public awareness and knowledge transfer of the results and information gained through the practice of Sustainable Forest Management, with some emphasis on the connection with youth through the virtual PAMF web site.

Objective 3: To extend the PAMF program beyond the boundaries through both local and extended mentored partnerships, with a particular emphasis on social policy linkages and capacity building in targeted northern zones.

Objective 4: To create long-term opportunities (beyond 2007) for partners, local level participants and northern communities in the continued development and application of Sustainable Forest Management systems and tools to improve the social, economic and environmental benefits accrued (our long-term strategic plan).

Objective 5: To strengthen model forest network activities in support of Canada's Sustainable Forest Management priorities.

Linkage to Program

Objectives(s): **Objective 1:** To encourage the development and adoption of innovative forest management systems and tools within and beyond model forest boundaries.

Description:

- a) Maintenance of files, records, minutes, and correspondence as directed by the exec. committee.
- b) Support to the general manager's function as required.
- c) Preparation and circulation of all financial reports.
- d) Completion of annual audit in compliance with the contribution Agreement.
- e) Support to steering committees as needed.

Planned Outputs:

- a) Monthly report to the board and exec. committee.
- b) Annual report to the board and CFS proponent.
- c) Annual work plans likewise.
- d) Meeting minutes and supporting financials.

- e) Implementation of steering committee work plans.
- f) Maintenance and updating of PAMF Policy & Guideline manual.

**Immediate
Outcomes:**

Compliance with all scheduled deadlines.

**Intermediate
Outcomes:**

Compliance with Contribution Agreement.

**Performance
Measures:**

Performance as measured by the satisfactory completion of duties defined within the PAMF Governance Manual.

Duration:

2002 – 2007

Contacts:

Norm Stolle, president, PAMF.

Budget:

\$40,500