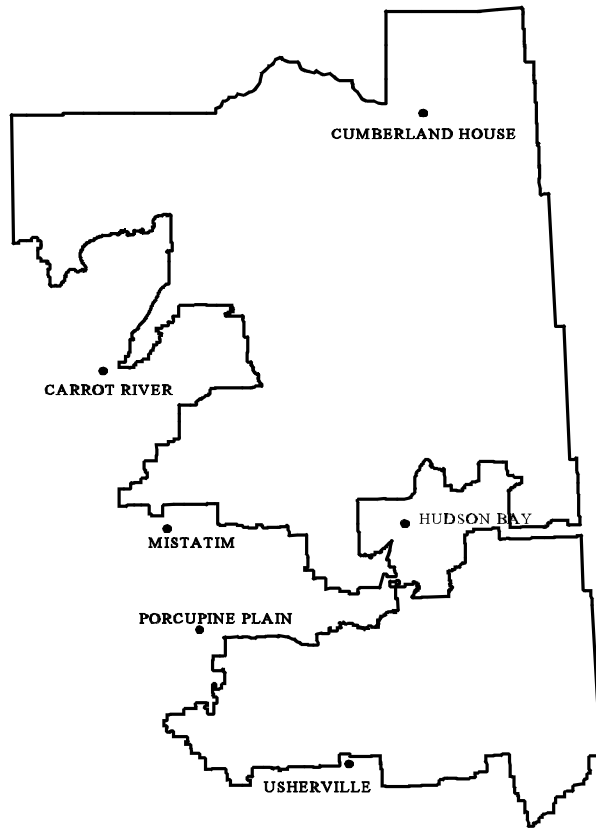


Pasquia/Porcupine Integrated Forest Land Use Plan



Annual Review - 2000

June 14, 2000

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Summary

The Pasquia/Porcupine Integrated Forest Land Use Plan (IFLUP) provides the provincial government with direction on how to manage all land uses and resources on Provincial Crown Land in the area. To insure that this plan is implemented in accordance with the intent of the of the plan it is important to monitor the progress of implementation.

Within the Pasquia/Porcupine IFLUP there are actions regarding the review and monitoring of the plan. The land use plan was intended to be an adaptive document so that it may continually provide the best direction possible for resource management. As such, several of the actions in Chapter 5 section 5.1, Plan Monitoring and Evaluation Strategy, speak to this intent.

- A) Prepare an annual progress report on plan implementation for public review and comment.
- B) Prepare, with public involvement, an annual review of the plan implementation, monitoring and evaluation results, including any recommendations for change, and the rational for such change.
- C) A comprehensive plan review and update will be done ten years after the start of plan implementation, and every ten years thereafter, to re-examine the plan's appropriateness and success at meeting ecological and social needs.

This document is intended to address action items A) and B) listed above. This document will:

- provided the status of each action listed in the Pasquia/Porcupine IFLUP;
- provide information on how the plan is being implemented and the people involved;
- provide summary information regarding the overall status of the implementation; and,
- identify any difficulties experienced with plan implementation, the changes made, and why the changes were required.

This document will be presented to the public for their review/evaluation and recommendations.

The document contains the following sections:

1. Introduction
2. Plan Implementation
3. Guidelines
4. Summary of Plan Review
5. Detailed List of Specific Actions and Implementation Status

1.0 Introduction

In April of 1995 the Pasquia/Porcupine Integrated Forest Land Use Planning process began. The plan was approved by the Government of Saskatchewan in the Fall of 1998.

The Pasquia/Porcupine Integrated Forest Land Use Plan covers approximately 20,000 square kilometers, and includes the Porcupine Hills, Pasquia Hills and a portion of the Cumberland Delta area. The plan provides direction for resource use and management in the area.

The plan was based upon the principles of Integrated Resource Management (IRM). This means that decisions made considered the health of the whole ecosystem, including soil, water, plants, animals and people. Further, IRM includes all uses and users of the resources, and provides the opportunities for all interested and affected people to be informed of, and involved in the decision making process.

The land use plan was intended to be an adaptive document so that it may continually provide the best direction possible for resource management. As such, several of the actions in Chapter 5 section 5.1 Plan Monitoring and Evaluation Strategy speak to this intent.

- A) Prepare an annual progress report on plan implementation for public review and comment.
- B) Prepare, with public involvement, an annual review of the plan implementation, monitoring and evaluation results, including any recommendations for change, and the rationale for such change.
- C) A comprehensive plan review and update will be done ten years after the start of plan implementation, and every ten years thereafter, to re-examine the plan's appropriateness and success at meeting ecological and social needs.

The Purpose of this document is to address actions A and B listed above, by providing a progress report and review of the implementation of all actions listed in the Pasquia/Porcupine Integrated Forest land Use Plan. This document will be provided to the Forest Management Advisory Committee (FMAC) and the public.

2.0 Plan Implementation

Saskatchewan Environment and Resource Management (SERM) has formed a Strategic Implementation Team to facilitate the implementation of the Pasquia/Porcupine Integrated Forest Land Use Plan. The team consists of SERM staff from East Boreal Eco-region and Sustainable Land Management Branch. These individuals and their contact information are:

- Doug Cowie - Lead Regional Contact
East Boreal Eco-Region Prince Albert Tel: (306) 953-2466
- Lily Peters
East Boreal Eco-Region Hudson Bay Tel: (306) 865-4410
- Todd Olexson
Sustainable Land Management Branch Prince Albert Tel: (306) 953-2586
- Jack Keel
East Boreal Eco-Region Prince Albert Tel: (306) 953-2891

A regional advisory board continues to provide advise on resource management as recommended in the plan. The Pasquia/Porcupine Forest Management Advisory Committee (FMAC) meets quarterly and is actively involved in the implementation of the IFLUP. This committee provides resource management advice to Saskatchewan Environment and Resource Management (SERM) and Saskfor MacMillian a Weyerhaeuser Company on an ongoing basis. Current membership in the committee includes:

Mo Alain	Nature Saskatchewan
Alvin Alyea	Saskatchewan Trappers Association
Willard Antonichuk	Saskatchewan Trappers Association
Denis Bonville	International Woodworker's Association
Joanne Buhler	Hudson Bay Forestry Committee
Bill Burbidge	Manitoba Saskatchewan Prospectors and Developers Association
Roman Charko	Town of Carrot River/R.M. of Moose Range
Walter Charko	Saskatchewan Outfitters Association
Gerald Coates	Saskatchewan Wildlife Federation
Clarence Grant	Saskatchewan Independent Forest Industries
Paul Hallen	International Woodworker's Association
James Hendron	Saskatchewan Independent Forest Industries
Dwayne Hiebert	Prince Albert Grand Council
Joe Homenuk	Saskatchewan Eco-Network
Corrina Kapeller	East Central Tourism Region
Ian McKay	Red Earth / Shoal Lake First Nations
Francis Nippi	H25 Trapping Block
Don Ross	Hudson Bay Forestry Committee
Garth Sanderson	James Smith Cree Nation
Gerald Smokeyday	Kinistin First Nation
Edward Suwinski	Saskatchewan Wildlife Federation
Vacant	Porcupine Grazers Association
John Woulfe	Saskatchewan Outfitters Association

John Daisley	Weyerhaeuser, Saskatchewan Timberlands
John Doucette	Weyerhaeuser, Saskatchewan Timberlands
Stan Holmes	Weyerhaeuser, Saskatchewan Timberlands
Tom Mord	Weyerhaeuser, Saskatchewan Timberlands
Diane Roddy	Weyerhaeuser, Saskatchewan Timberlands

Thank you to all of the FMAC members that have volunteered their time and made great efforts in continuing to work for the sustainable management of the Pasquia/Porcupine area.

3.0 Guidelines

The guidelines in the Pasquia/Porcupine Integrated Forest Land Use Plan require a significant amount of work to be implemented. The work being carried on to implement guidelines has focused to date on Section 4.5 Recreational Cabins: Issue 1 Recreational Cabin Development. The action for this section includes:

- Allow recreational cabin development in designated areas shown in Figures 4-2. Cabin development could consist of a subdivision or loosely spaced cabins.

To date, Saskatchewan Environment and Resource Management has been working with the FMAC, and other interests on developing the plans for recreational cabin developments within the designated areas.

For more detailed information regarding this project contact:

Doug Cowie (306) 953-2466

4.0 Summary of Plan Review

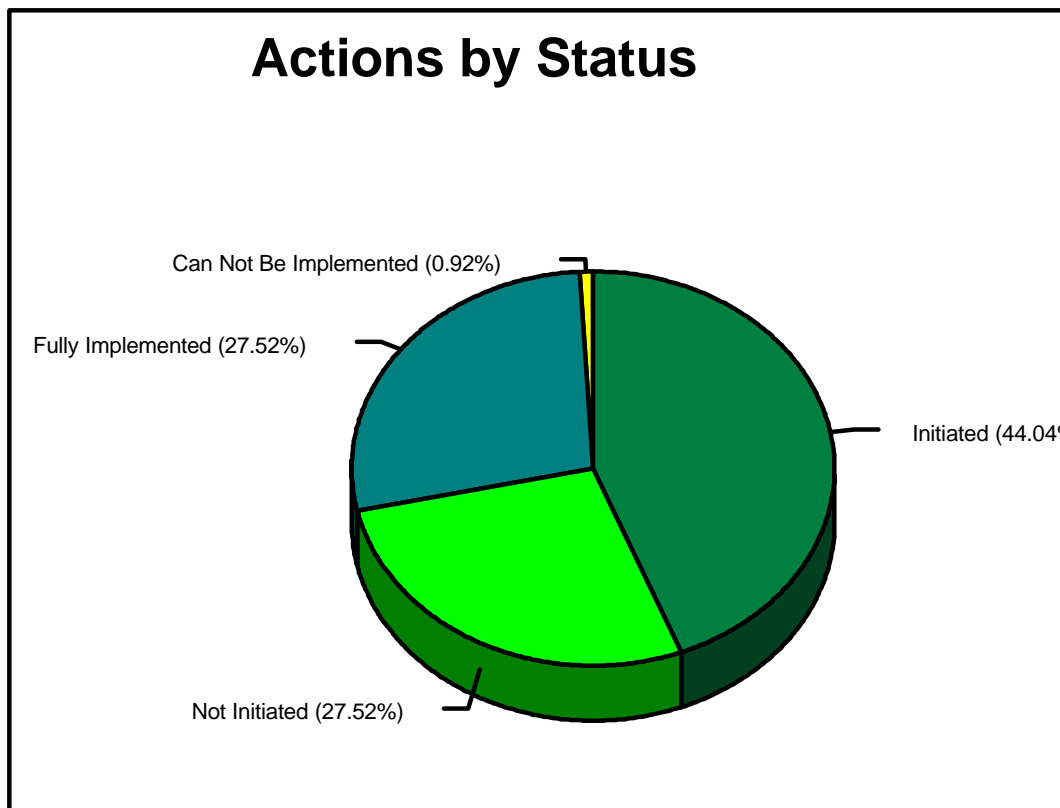
This section provides a summary and highlights of the review of the actions listed in the Pasquia/Porcupine Integrated Forest land Use Plan. If more information about a specific action is required see section 5.0.

Table 4.1

	Total Number of Actions	Actions Initiated (but not fully implemented)	Actions Not Initiated	Actions Fully Implemented (some will be ongoing e.g. training of staff)	Action That Can Not Be Implemented
	109	48	30	30	1
% of Total	100%	44%	27.5%	27.5%	0.9%

*Note: the % listed in the above table have been rounded to one decimal place. As such, the total sum of the percentages may be slightly greater than or less than 100.

Figure 4.1



4.1 Total Number of Actions in the Pasquia/Porcupine Integrated Forest Land Use Plan

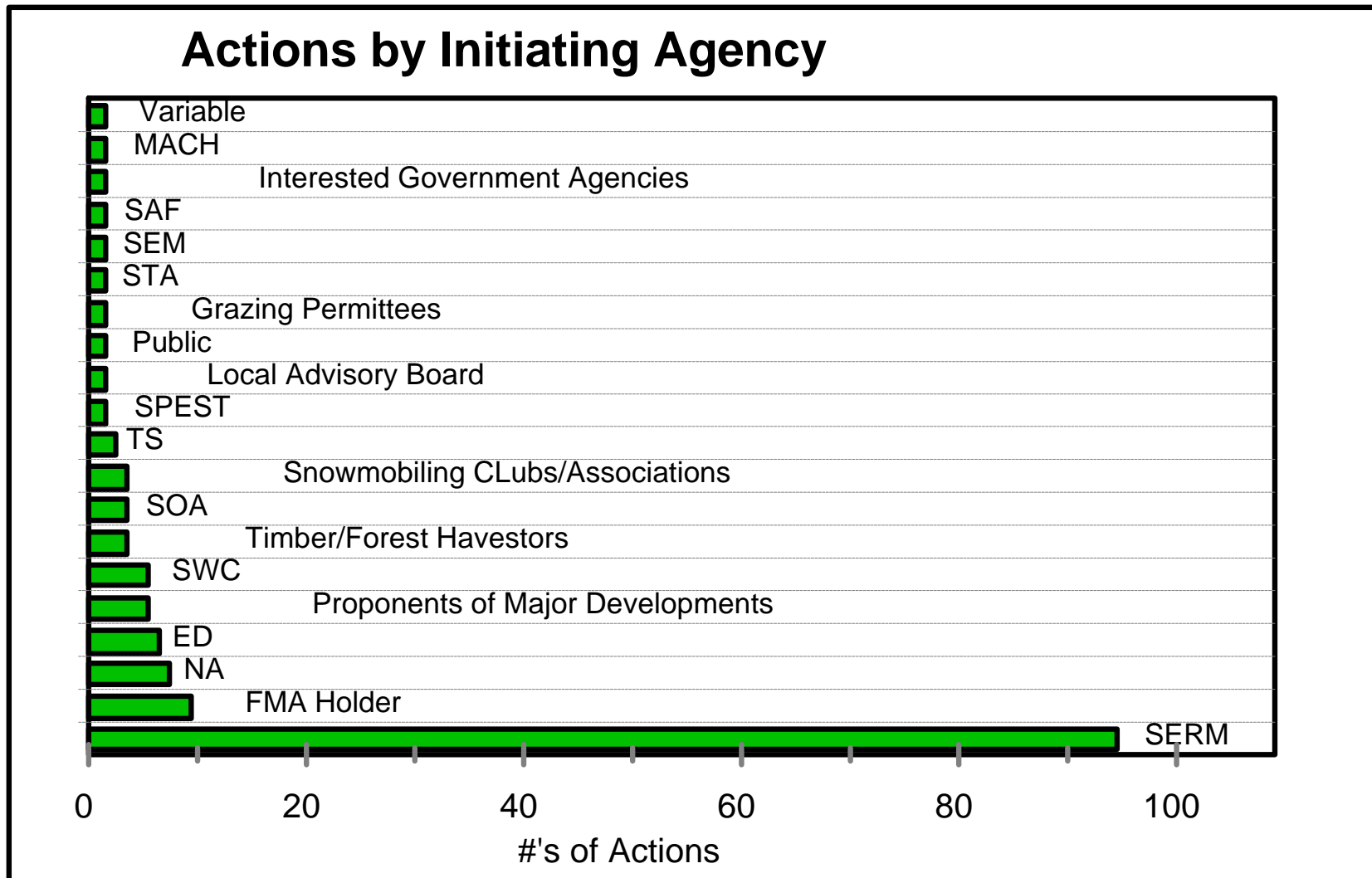
There are a total of 109 actions. The major initiating agencies include:

- Saskatchewan Environment and Resource Management
- Saskatchewan Trappers Association
- Saskatchewan Municipal Affairs Culture and Housing
- FMA Holder (i.e. Weyerhaeuser, Saskatchewan)
- SaskWater Corporation
- Saskatchewan Economic and Corporate Development
- Saskatchewan Northern Affairs
- Saskatchewan Agriculture and Food
- Saskatchewan Outfitter Association
- Saskatchewan Energy and Mines
- for a complete list see Table 4.11

Table 4.11

<u>Initiating Agency</u>	<u>Number of Actions</u> <u>(% of Total Number of Action in)</u>	<u>Initiating Agency</u>	<u>Number of Actions</u> <u>(% of Total Number of Action in)</u>
SERM	94 (86.2%)	Saskatchewan Post-Secondary Education and Skills Training	1 (0.9%)
FMA Holder	9 (8.3%)	Local Advisory Board	1 (0.9%)
Northern Affairs	7 (6.4%)	Public	1 (0.9%)
Economic Development	6 (5.5%)	Grazing Permittees	1 (0.9%)
Proponents of Major Developments	5 (4.6%)	Saskatchewan Trappers Association	1 (0.9%)
Saskatchewan Water Corporation	5 (4.6%)	Saskatchewan Energy and Mines	1 (0.9%)
Timber Harvesters/ Forest Harvesters	3 (2.8%)	Saskatchewan Agriculture and Food	1 (0.9%)
Saskatchewan Outfitters Association	3 (2.8%)	Interested Government Agencies	1 (0.9%)
Local Snowmobiling Clubs/Snowmobiling Associations/Snowmobiling Clubs	3 (2.8%)	Municipal Affairs, Culture and Housing	1 (0.9%)
Tourism Saskatchewan	2 (1.8%)	Variable	1 (0.9%)

Figure 4.11



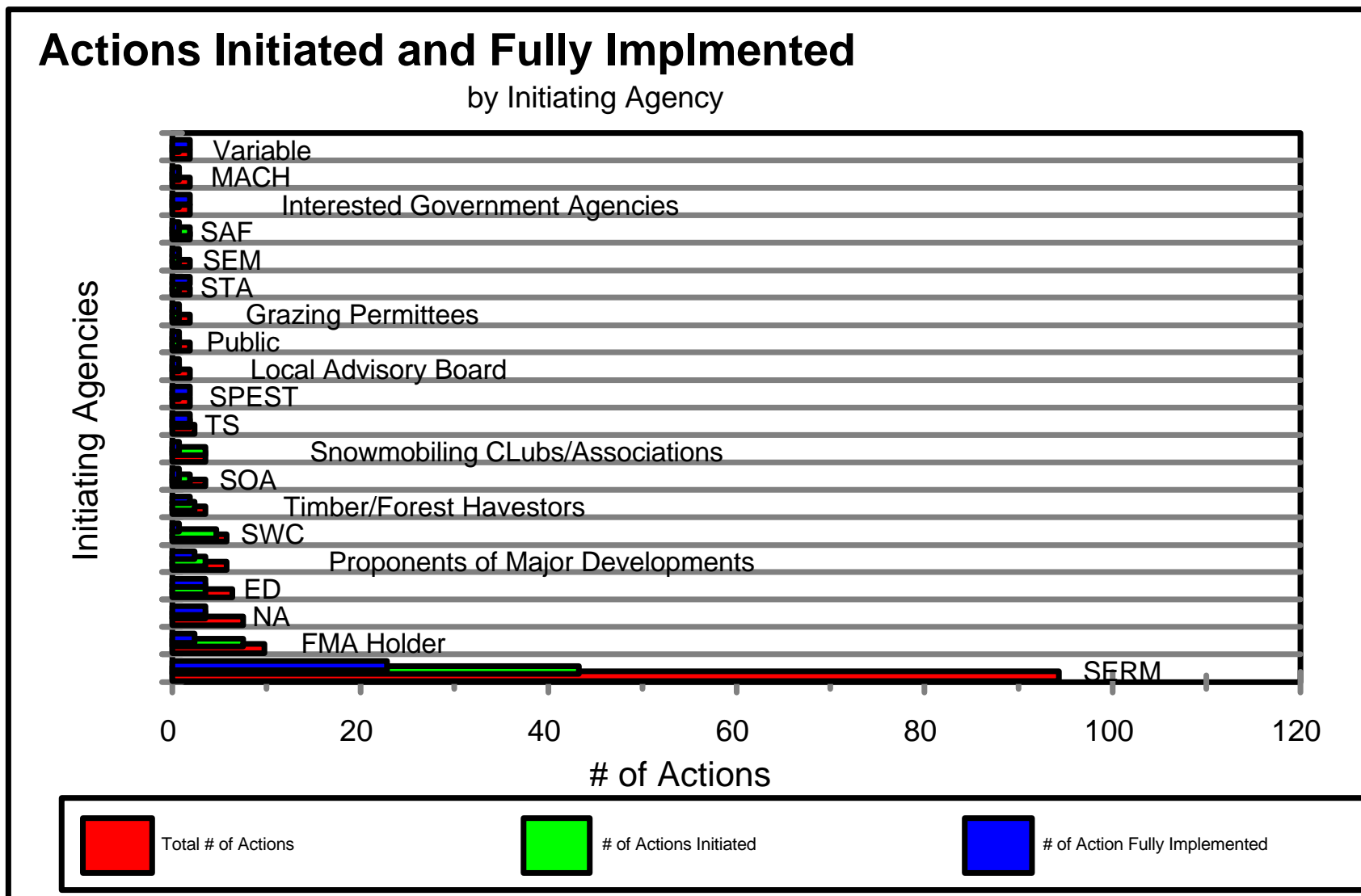
4.2 Actions by Initiating Agencies

Each action in the Pasquia/Porcupine Integrated Forest Land Use Plan lists one or more initiating agency as the lead on implementing that particular action. Because of this, the total number of initiating actions for each of the various implementing agencies is greater than the total number of actions.

Table 4.21

Initiating Agency	Total Number of Actions (% of Total Number of Actions)	# of Actions Initiated (% Initiated)	# of Actions Not Initiated (% Not Initiated)	# of Actions Fully Implemented (% Fully Implemented)
SERM	94 (86.2%)	43 (45.7%)	29 (30.9%)	22 (23.4%)
FMA Holder	9 (8.3%)	7 (77.8%)	0 (0%)	2 (22.2%)
Northern Affairs	7 (6.4%)	3 (42.9%)	1 (14.3%)	3 (42.9%)
Economic Development	6 (5.5%)	3 (50%)	0 (0%)	3 (50%)
Proponents of Major Developments	5 (4.6%)	3 (60%)	0 (0%)	2 (40%)
Saskatchewan Water Corporation	5 (4.6%)	4 (80%)	1 (20%)	0 (0%)
Timber Harvesters/ Forest Harvesters	3 (2.8%)	2 (66.7%)	0 (0%)	1 (33.3%)
Saskatchewan Outfitters Association	3 (2.8%)	1 (33.3%)	2 (66.6%)	0 (0%)
Local Snowmobiling Clubs/Snowmobiling Associations/Snowmobiling Clubs	3 (2.8%)	3 (100%)	0 (0%)	0 (0%)
Tourism Saskatchewan	2 (1.8%)	1 (50.0%)	0 (0%)	1 (50.0%)
SPEST	1 (0.9%)	0 (0%)	0 (0%)	1 (100%)
Local Advisory Board	1 (0.9%)	0 (0%)	1 (100%)	0 (0%)
Public	1 (0.9%)	0 (0%)	1 (100%)	0 (0%)
Grazing Permittees	1 (0.9%)	0 (0%)	1 (100%)	0 (0%)
Saskatchewan Trappers Association	1 (0.9%)	0 (0%)	0 (0%)	1 (100%)
Saskatchewan Energy and Mines	1 (0.9%)	0 (0%)	1 (100%)	0 (0%)
Saskatchewan Agriculture and Food	1 (0.9%)	1 (100%)	0 (0%)	0 (0%)
Interested Government Agencies	1 (0.9%)	0 (0%)	0 (0%)	1 (100%)
MACH	1 (0.9%)	0 (0%)	1 (100%)	0 (0%)
Variable	1 (0.9%)	0 (0%)	0 (0%)	1 (100%)

Figure 4.21



4.3 Number Of Actions Which Could Not be Implemented 1

During the implementation of the Pasquia/Porcupine Integrated Forest Land Use Plan one action has been found which can not be implemented. In chapter 4 Land Use Strategies Section 4.6 Trapping Cabins; Issue 1: Trapping Cabins Used For Other Purposes; Action Number 2.

Establish an annual permit to allow recreation use of trapping cabins.

- one recreational use permit per trapping licence,
- permit fee will be \$250.00/year,
- no legal survey required,
- non-transferable.

This recommendation will require a change to provincial legislation, and consultation with stakeholders from other areas.

Saskatchewan Environment and Resource Management (SERM) found that the implementation of this action was not administratively possible. SERM has been actively working with the Forest Management Advisory Committee and its members to pursue other options in dealing with this issue.

On March 21st, 2000 a meeting was held with a subcommittee of the FMAC to discuss other options to deal with this concern. The recommendations of this subcommittee were brought back to the FMAC for discussion at the April 12th, 2000 meeting.

At the April 12th, 2000 FMAC meeting the options and recommendations of the subcommittee were reviewed. The following consensus recommendation by the FMAC was made to address the issue of “Trapping Cabins Used For Other Purposes”, in place of the above action:

Status Quo - Current policy on TRU use

- use to be administered by the trapping blocks (no conversion of TRUs to recreational)
- any misuse of TRU cabins referred to SERM; SERM staff will forward to trapping block chairman
- President (STA) to send a letter to all block chairman regarding the use of TRUs

4.4 Number of Actions Fully Implemented 30

A total of 30 actions have been fully implemented. Though completed, some of these action may occur on an ongoing basis such as the training of staff.

4.5 Number of Actions Initiated 48

Currently there are 48 actions that have been initiated. These actions are not yet complete, but are actively being worked on.

4.6 Number of Actions Not Initiated 30

A total of 30 actions have yet to be initiated. No work to date has occurred on these specific actions. There have not been sufficient resources available to date to initiate these actions

5.0 Detailed List of Specific Actions and Implementation Status

This section lists each action from the Pasquia/Porcupine Integrated Forest Land Use Plan and the details regarding the implementation for each action. For a listing of each issue and the page on which it can be found, see the table of contents of this document.

5.1 LAND USE MANAGEMENT AREAS

Action	Initiating Agency	Action Status	Current Status
<p>1. Establish operating procedures and guidelines to clearly indicate how activities or developments will occur in each of the three management areas.</p> <ul style="list-style-type: none"> -Take inventory of existing applicable guidelines, identify gaps and inadequacies, and develop new guidelines where required. -Involve the public, FMAC, and affected users. 	SERM	Not Initiated	<p>No action to date</p> <p>Contact Doug Cowie (953-2466) Contact Todd Olexson (953-2586)</p>
<p>2. Develop and distribute a condensed version of land use guidelines in clear language for public use.</p>	SERM	Not Initiated	<p>No action to date</p> <p>Contact Doug Cowie (953-2466) Contact Todd Olexson (953-2586)</p>

5.2 LAND USE STRATEGIES

Protection and Sustainable Management of Forest Ecosystems: Issue 1

Action	Initiating Agency	Action Status	Current Status
1. Develop and implement a process to monitor all forest industries and ensure compliance with applicable legislation, the land use plan, and the twenty year plan.	SERM	Fully Implemented (Ongoing)	Process is in place with greater involvement of Conservation Officers in compliance monitoring. Regional involvement is to monitor annual operating plan the integration with the 20 year plan and Land Use Plan. Contact Lily Peters (865-4400)
2. Establish and protect a network of areas representative of all types of forest ecosystems.	SERM	Initiated	Sites have been identified, and designated as parkland reserves. Need to finalize boundaries and management. Contact Fred Beek (787-3019)
3. Develop a program to acquire, share and update knowledge on global research and understandings on forest ecosystem management.	SERM	Fully Implemented (Ongoing)	Forest Science Advisory Committee formed. The committee has had its first meeting, and are planning on having another sometime this spring. Contact Dwayne Dye (953-2339)

Action	Initiating Agency	Action Status	Current Status
<p>4. As part of the forest management planning process :</p> <ul style="list-style-type: none"> • use an ecological classification system and a comprehensive inventory program for multiple forest values • identify data gaps and develop programs to fill gaps. • develop and use a variety of harvesting systems to accommodate other resource uses in the area. • ensure that representative stages of forest succession are present in the FMA area. 	<p>FMA Holder/ SERM</p>	<p>Initiated</p>	<p>A project charter has been developed. Staff have been recruited for delivery of the field program, from within SERM. The data collection protocols have undergone development and field-testing. Collection of field data from four eco-regions has taken place. The ecosite was established as the primary attribute of qualitative description in the new provincial forest vegetation inventory. Existing data sets were obtained from previous similar work in the province. Contact Mike McLaughlin (953-2436)</p> <p>SERM and other agencies have developed the standards for the new inventory of forest resources. Publication of these standards is expected in 2000. The FMA holder is responsible for development/ maintenance of an inventory to these standards. Contact Mike McLaughlin (953-2436) Doug Campbell (953-2442)</p> <p>Over the next few years SERM will be developing provincial management guidelines, in conjunction with the expertise of professionals in the forest industry. These guidelines will be based on site-level conditions. The FMA holder will document planned approaches for harvesting in company guidelines and applicable plans; annual plans, 5 year plans, and 20 year plans. Contact Rod Thompson (953-2454) Earl Bourlon (953-2439)</p> <p>SERM reviews the outputs of the forest modeling software, and determines if the predicted areas of forest condition are adequately represented in the 5/20 year plan reviews. The FMA holder produces the outputs of present/ future forest condition under a variety of regimes or options. Contact Lily Peters (for AOPs 865-4400) Tom Gates (for 20 year plan review 953-2214)</p>

Action	Initiating Agency	Action Status	Current Status
5. Develop a forest ecosystem inventory, monitoring and research program to increase forest ecosystem knowledge.	SERM/ Proponents of Major Developments	Initiated	Ecosite inventory work initiated in 1999. An initial draft is expected soon, and final implementation will take several more years. Contact Dwayne Dye (953-2339) Contact Mike McLaughlin (for ecosite classification 953-2436)
6. Develop a program to conduct additional land and resource management planning for the Cumberland Delta.	SERM	Initiated	Routine contacts are occurring and discussions on moose and sturgeon management are occurring. Additional planning will be required for the Cumberland Delta area. 4 year sturgeon study in the Cumberland Delta ended 1998-1999, produced 2 technical reports. The Saskatchewan River Sturgeon Management Board initiated 1999. Contact Chris Dunn (953-2675) Contact John Durbin (953-2875 fisheries) Contact Todd Olexson (953-2586)
7. Ensure open communications and co-operation with Manitoba Natural Resources and Manitoba Environment about resource management activities whose effects cross provincial boundaries.	SERM	Fully Implemented (Ongoing)	Routine contact with Manitoba Natural Resources and Manitoba Environment. Ongoing consultation as part of the moose management strategy. The Saskatchewan River Surgeon Board includes members from both SERM and Manitoba Conservation. Contact Ed Kowal (953-2695 wildlife) Contact John Durbin (953-2875 fisheries)

PROTECTION AND SUSTAINABLE MANAGEMENT: ISSUE 2 REPRESENTATIVE AREAS NETWORK (RAN) CONSTRAINTS

Action	Initiating Agency	Action Status	Current Status
1. Evaluate other potential uses in RANs, as they are identified.	SERM	Not Initiated	Implementation of Representative Area Network action plans will be implemented towards the end of the next year and a half. When implementation does proceed, matters will be handled by both SERM and the FMAC. Contact Fred Beek (787-3019)
2. Designate RAN areas as Park Land Reserves.	SERM	Fully Implemented	RAN areas have been designated as Park land reserves. Contact Fred Beek (787-3019)
3. Because RAN areas and boundaries may require further review and may be subject to change, deal with outstanding issues during land use plan implementation, involving affected forest users, the FMAC, and the public.	SERM	Initiated	Has been discussed with FMAC-Preliminary work with Saskfor to fine tune boundaries. Contact Fred Beek (787-3019)
4. After review of proposed RA boundaries, finalize through legislative SERM designation.	SERM	Not Initiated	Implementation of Representative Area Network action plans will take the next year and a half to implement. When implementation does proceed, matters will be handled by both SERM and the FMAC. Contact Fred Beek (787-3019)
5. Create long-term management plans for each RAN area, including provisions for public education, review and comment, and guidelines for development in RANs.	SERM	Not Initiated	Implementation of Representative Area Network action plans will take roughly the next year and a half. When implementation does proceed, matters will be handled by both SERM and the FMAC. Contact Fred Beek (787-3019)
6. Develop monitoring programs to determine the sustainability of specific land uses (e.g.: grazing) within the RAN areas.	SERM	Not Initiated	Implementation of Representative Area Network action plans will take the next year and a half to be implemented. When implementation does proceed, matters will be handled by both SERM and the FMAC. Contact Fred Beek (787-3019)

**Protection and sustainable management: Issue 3
Impacts of Roads and Other Linear Developments**

Action	Initiating Agency	Action Status	Current Status
1. Develop a long-term plan and guidelines for new and existing roads and other linear development(s) for the planning area.	SERM	Initiated	A five year road plan was submitted along with the five year operating plan which was taken out to the public meetings for review. SERM is currently reviewing the plan. Contact Lily Peters (865-4400)
2. As part of the forest management plan, the FMA holder will prepare an access management plan with a well-defined public involvement process.	FMA Holder	Initiated	A five year management plan has been developed. Saskfor has developed and submitted a forest key map to identify roads being built in the next five years. This key map will identify where and how long these roads will be in service. An access management plan has not yet been prepared. Contact Lily Peters (865-4400)

**Forest Resource Use and Protection: Issue 1
Imbalances Between Forest Depletion and Renewal**

Action	Initiating Agency	Action Status	Current Status
1. Develop allowable timber harvest calculations that include such factors as impacts of new harvesting guidelines and use of alternative harvesting methods to accommodate other resource uses and values.	SERM	Initiated	No new harvesting guidelines have been developed as of yet. A time frame of five years for the new guidelines is in place. In the FMA agreement the time frame is set at five years. Work initiated by Saskfor on harvesting guidelines. Contact Lily Peters (865-4400)
2. Amend regeneration standards and requirements, where necessary, to ensure complete forest renewal and routine measurement of regeneration success on all cutovers.	SERM	Initiated	Saskfor Macmillan is developing guidelines now. Saskfor Macmillan and SERM will be working together on guideline development. Contact Lily Peters (865-4400)
3. Develop management systems for controlling and coordinating harvests of special forest products, such as mushrooms, berries, moss and lichens, at sustainable levels.	SERM	Initiated	Policy developed on special products but there is no management system presently in place. Because this is a new area, what is being harvested or taken must be determined first. Contact Lily Peters (865-4400) Contact Del Phillips (953-2876)

**FOREST RESOURCE USE AND PROTECTION: ISSUE 2
ALLOCATION OF TIMBER RESOURCES**

Action	Initiating Agency	Action Status	Current Status
<p>1. Determine the volume of timber by species, size, age and site that may be harvested without affecting ecosystem sustainability for the planning area.</p>	<p>SERM</p>	<p>Fully Implemented (Ongoing)</p>	<p>AAC calculated in 20 year plan; Saskfor required to redo over next 5 years. Using a 250 year planning horizon and a 7.5% loss factor for fire, insects and disease, the long term harvest from the 841,000 ha of land available to harvest has been calculated for both hardwood and softwood sawtimber. Softwood sawtimber: 1-60 years: 416,000 m³; 61-70 years: 399,000 m³; 71-250 years: 436,000 m³. Hardwoods: 1-5 years: 779,000 m³; 6-10 years: 889,000 m³; 11-15 years: 775,000 m³; 16-20 years: 745,000 m³; 21-250 years: 714,000 m³. The first 20 years of hardwood harvest will be about 12% higher than the 714,000 m³/year long term harvest volume schedule because lack of hardwood harvesting in the past has resulted in an excess over mature hardwood component. The 7.5% loss factor for fire has since been removed and will result in increased volumes being harvested.</p> <p>Contact Lily Peters (865-4400)</p>
<p>2. Develop a policy for allocating surplus timber resources to encourage economic diversification and community stability.</p>	<p>SERM/NA/ Local Advisory Board</p>	<p>Not Initiated</p>	<p>The FMA makes the following wood available to independents: SERM yet to develop process for allocating unused timber volumes. For softwoods, 25,700 m³/year and for hardwoods, 50,000 m³/year. For softwoods, roughly 18,000 m³ has already been allocated.</p> <p>Contact Lily Peters (865-4400) Contact Peter Mizanski (425-4266 NA)</p>

Forest Resource Use and Protection: Issue 3
Forest Harvesting: Conflicts with other Users

Action	Initiating Agency	Action Status	Current Status
1. Develop effective communication processes to ensure that other forest users are part of the planning process.	Proponent of Major Developments	Fully Implemented (Ongoing)	Developing effective communication processes to ensure that other forest users are part of the planning process is ongoing. Saskfor takes all annual operating plans to the public and the FMAC for review. It is important to ensure that all interested parties are included and contacted. Contact Lily Peters (865-4400)

**Forest Resource Use and Protection: Issue 4
Impacts of Timber Harvesting Practices**

Action	Initiating Agency	Action Status	Current Status
<p>1. Develop operational guidelines for forest harvesting, based on sound ecological science, and with input from interest groups. These guidelines will:</p> <ul style="list-style-type: none"> • ensure that the integrity of the forest ecosystem is maintained. • consider seasonal requirements for all plants and animals. Include conditions for harvesting in areas that have been identified as important for wildlife habitat or other values. • include specific guidelines for forest site operations and access, considering riparian zones, existing proportions of forest habitat, habitat fragmentation, special areas (e.g. calving areas, salt licks, nesting areas), conservation of habitat and animal corridors. • ensure protection of riparian and other sensitive areas. • be open to adaptation as new information and knowledge becomes available. 	SERM/ FMA Holder	Initiated	<p>Standard Operating Guidelines have been developed by Saskfor MacMillan and are now under review. Copies of the Guidelines were provided at the January 11, 2000 FMAC meeting.</p> <p>Contact Lily Peters (865-4400)</p>
<p>2. Conduct ongoing research and monitoring on effects of forest management practices, and use new information to adapt practices when appropriate.</p>	SERM/ FMA Holder	Initiated	<p>Forest monitoring working group comprised of government, industry and academic representatives developing monitoring protocols. On the regional level monitoring is taking place.</p> <p>Contact Dwayne Dye (953-2339)</p>
<p>3. Develop indicators to determine the effects of forest management practices on the integrity of the ecosystem, and measure these indicators regularly. Results of monitoring will be used to revise forest management practices as required, and will be available to the public.</p>	SERM/ FMA Holder	Initiated	<p>Monitoring protocols, are being worked on by the concurrent Forest monitoring group.</p> <p>Contact Dwayne Dye (953-2339)</p>

**Forest Resource Use and Protection: Issue 5
Renewal Problems from Past Timber Depletions**

Action	Initiating Agency		Current Status
1. Develop a plan for reducing and eliminating reforestation backlog. The plan should include actions to completely assess backlog, and options for renewing areas, with priority given to areas with highest productivity potential.	SERM/ FMA Holder	Initiated	SERM/FMA holder working on a plan, likely to be completed over the next few months (2000). The Forest Ecosystem Branch presently has a five year silviculture (planting) plan. SERM is still discussing outstanding issues regarding standards and renewable resources available. Contact Lily Peters (865-4400) Contact Jim B. Smith (953-2434)

**Forest Resource Use and Protection: Issue 6
Fire Suppression Priorities**

Action	Initiating Agency	Action Status	Current Status
1. When the provincial Forest Protection Policy is complete, develop a fire priority map and fire suppression plans, with input from the Forest Management Advisory Committee and forest industry.	SERM	Initiated	SERM is developing a values at risk map for the Pasquia/Porcupine IFLUP area. Input from the forest industry, FMAC and public will be used. A draft map will be presented to the FMAC in the Fall of 2000. A draft forest protection policy has been drafted and will be taken for public review in the spring (2000). The FMAC was presented with copies of the draft policy and asked for input April, 2000. Contact Paul Maczek (953-2428) Contact Daryl Jessop (953-3473)

**Forest Resource Use and Protection: Issue 7
Fuel Management Planning**

Action	Initiating Agency	Action Status	Current Status
1. Include fuel management proposals in timber harvesting plans.	Timber Harvesters	Initiated	Saskfor MacMillan has included fuel management in their 20 year plan, but not as of yet in their operating plan Contact Paul Maczek (953-2428)

**Forest Resource Use and Protection: Issue 8
Insect and Disease Outbreaks**

Action	Initiating Agency	Action Status	Current Status
1. Develop a monitoring program to assess insect and disease risks and infestations on an ongoing basis.	SERM	Fully Implemented (Ongoing)	Regular aerial defoliation and larval surveys. This is an ongoing process. Contact Lily Peters (865-4400) Contact John Thompson (953-2343)
2. Develop a research program to determine the ecological role of insects and disease in the forest, and to assess impacts of control programs on non-target species.	FMA Holder/SERM	Initiated	Some work has been done on assessing impacts to non-target organisms. The Saskatchewan Forest Ecosystem Branch and SERM have begun a spraying program(BtK) to control spruce budworm over large areas of the Boreal plain. A study was carried out to determine whether or not the spraying had any negative effects on the breeding success of forest song birds. Overall, reproduction success of chipping sparrows, which was the song bird this study focused on, was not affected. A study will be conducted next year regarding the affects of Btk on the chipping sparrows as well as the non target species lepidoptera. Contact John Thompson (953-2343)

Action	Initiating Agency	Action Status	Current Status
3. Develop appropriate strategies for dealing with insect and disease outbreaks.	SERM/ FMA Holder	Fully Implemented (Ongoing)	A strategy is in place to deal with insect and disease outbreaks. A forest insect and disease specialist will take note of any outbreaks, and inform SERM of such occurrences. Contact John Thompson (provincial) (953-2343) Contact Lily Peters (regional) (865-4400)

**Forest Resource Use and Protection: Issue 9
Timber Salvage Operations**

Action	Initiating Agency	Action Status	Current Status
1. Develop guidelines for managing burned forests.	SERM/ Forest Harvesters	Initiated	Very early draft of a new fire salvage/burned forest policy. Discussions have been held with the industry and SERM, however meetings with the public still need to occur. Contact Gigi Pittoello (953-2450)

Fish and Wildlife: Issue 1
Need for Sustainable Allocations of Fish and Wildlife

Action	Initiating Agency	Action Status	Current Status
<p>1. Prepare more comprehensive inventories of all plant and animals species. Attach time frames for initiating inventory programs.</p>	<p>SERM</p>	<p>Initiated</p>	<p>Ecosite inventory-soils and plants started in 1999, it is still an ongoing process. As of now the forest industry is responsible for its own inventory. On average 20% of the FMAs have been completed. It will be in approximately 2004 when the new inventories are initiated.</p> <p>Fisheries test netting 1999 occurred in Greenbush River and Pasquia River. Test netting is scheduled for Hudson Bay Burrow Pit, McBride Lake, Parr Hill Lake, Sands Lake, Eldridge Lake, and Art White Lake in 2000.</p> <p>Sturgeon index fishing in Saskatchewan and Manitoba to catch, tag and release sturgeon to provide a catch-per-effort index to determine a population estimate.</p> <p>Moose survey carried out in 1999-2000.</p> <p>Contact Mike McLaughlin (953-2436 ecosite classification) Contact Ed Kowal (953-2695 Wildlife) Contact Lyle Wallin (953-2889 Fisheries)</p>

Action	Initiating Agency	Action Status	Current Status
2. Develop fish and wildlife management plans (e.g. <i>Wildlife Habitat Management in the Stove Creek Area</i> , 1996), with input from stakeholders.	SERM	Initiated	<p>Currently developing a Provincial Moose Management Strategy. Completed Provincial Elk Management Strategy.</p> <p>Saskatchewan River Sturgeon Management Board (stakeholders involved) formed 1999, after a 4 year study of the sturgeon in the Cumberland Delta area. In 1999 33,000 sturgeon fry were stocked in the Saskatchewan River at Cumberland House and 8,000 sturgeon fingerlings were stocked at the Pas. This stocking effort was carried out by SERM and Manitoba Conservation.</p> <p>Planning meetings for the Stove Creek involving the stakeholders are ongoing.</p> <p>Contact Ed Kowal (953-2695 Wildlife) Contact John Durbin (953-2875 Fisheries) Contact Lyle Wallin (953-2889)</p>
3. Using information from resource inventories and management plans, finalize and use the SERM resource allocation policy.	SERM	Not Initiated	<p>No progress on an overall resource allocation policy.</p> <p>Contact Chris Dunn (953-2675)</p>
4. Examine the ecological role of riparian areas. Develop and implement suitable management strategies to address areas of concern. Monitor the effectiveness of protection strategies for riparian areas.	SERM	Initiated	<p>Initiating riparian zone harvesting trials on Weyerhaeuser FMA area in 2000 as part of Prince Albert Model Forest research.</p> <p>Examined 52 lakes by air during the winter to determine fisheries potential regarding forestry harvesting reserves.</p> <p>Contact Lily Peters (865-4400) Contact John Durbin (953-2875) Contact Ed Kowal (953-2695) Contact Todd Olexson (953-2586)</p>

Action	Initiating Agency	Action Status	Current Status
5. Develop strategies that include monitoring, allocating and managing fish and wildlife resources, in consultation with the local advisory committee, forest industry, and other user groups.	SERM	Initiated	<p>Ongoing discussions with Cumberland co-management committee and others concerning moose and sturgeon management.</p> <p>Saskatchewan River Management Board initiated 1999.</p> <p>Provincial elk management strategy has been completed. Moose management strategy is in progress.</p> <p>Contact Ed Kowal (953-2695 Wildlife) Contact John Durbin (953-2875 Fisheries) Contact Chris Dunn (953-2675) Contact Lyle Wallin (953-2889)</p>

Fish and Wildlife: Issue 2**Loss or Alteration of Wildlife Habitat due to Industrial Developments**

Action	Initiating Agency	Action Status	Current Status
1. Develop comprehensive guidelines to assess impacts and determine appropriate mitigation for developments and commercial activities which may have significant impacts on forest plant and animal populations.	SERM	Initiated	<p>Considerable guidelines available at present, need to review.</p> <p>Developing operation guidelines for roads with Weyerhaeuser (central and eastern FMAs)</p> <p>Contact Ed Kowal (953-2695)</p>

Fish and Wildlife: Issue 3**Impacts of the E.B. Campbell Dam on Fish and Wildlife Habitat**

Action	Initiating Agency	Action Status	Current Status
1. Develop a water management plan that will ensure acceptable sturgeon spawning and rearing habitat below the E.B. Campbell Dam. This plan should also consider impacts of the dam and its operations on the overall ecology of the Cumberland Delta.	SERM/SWC	Initiated	<p>SERM is working cooperatively with Cumberland, The Pas fishermen and SaskPower to study sturgeon populations and habitats as a first step.</p> <p>Contact John Durbin (953-2875)</p>

Fish and Wildlife: Issue 4
Outfitting Practices: Effects of Baiting on Ecosystem Health

Action	Initiating Agency	Action Status	Current Status
1. Conduct research to determine effects of baiting on the ecological integrity of the ecosystem. Use results to develop recommendations for baiting in revisions to the Land Use Plan.	SERM/ SOA	Initiated	SOA is working to initiate a study that will address the implications of baiting in northern forests. Contact Brian Hoffart (832-2084 SOA) Contact Chris Dunn (953-2675)
2. Develop guidelines to address outfitter needs and concerns of other users (see Issue #5, Action #1).	SERM/ SOA	Not Initiated	Action has not yet been initiated. Contact Ryan Mulligan (953-2518)

Fish and Wildlife: Issue 5
Outfitting Practices: Tree Stands

Action	Initiating Agency	Action Status	Current Status
1. Develop detailed guidelines for tree stands that satisfy both outfitter needs and the concerns of other users.	SERM/ SOA/ Public	Not Initiated	Action plan has not yet been initiated. Contact Ryan Mulligan (953-2518)

Grazing: Issue 1
Conflicts between Grazing and Other Forest Users

Action	Initiating Agency	Action Status	Current Status
1. Identify areas of conflict between grazing and other uses.	SERM	Initiated	There is currently an assessment taken place concerning a conflict between a grazer and a trapper. There are three assessments on established grazers being done this year and there will be more assessments to follow in coming years. Contact Lily Peters (865-4400)
2. Arrange meetings of affected stakeholders to resolve conflicts.	SERM	Not Initiated	No action initiated to date. Contact Lily Peters (865-4400)

Grazing: Issue 2
Grazing: Impacts on the Forest Ecosystem

Action	Initiating Agency	Action Status	Current Status
1. Develop a grazing condition resource inventory for existing grazing permit areas.	SERM	Initiated	This is an ongoing process and is part of monitoring. Contact Lily Peters (865-4400)
2. For each grazing permit, develop a forest grazing management plan, that maintains acceptable levels of species diversities. Involve the FMA holder and other forest users.	Grazing permittees/ SERM	Not Initiated	There have been no grazing management plans developed yet. Contact Lily Peters (865-4400)
3. Develop an ongoing site monitoring and communications plan with grazing permittees to educate, modify and enforce grazing plans.	SERM	Not Initiated	No action to date. Contact Lily Peters (865-4400)

Grazing: Issue 3
Limited Grazing Opportunities in the Provincial Forest

Action	Initiating Agency	Action Status	Current Status
1. Re-evaluate carrying capacity limitations of the grazing policy applied to new grazing applications, with input from SAF, livestock producers and other forest users, and based upon the following factors: <ul style="list-style-type: none"> • ecosystem impacts and sustainability, • compatibility and impacts on other users, • requirements of livestock producers, • costs and benefits to producers and resource management agencies, • effectiveness of management controls. 	SERM	Not Initiated	No action to date. Contact Lily Peters (865-4400)
2. Revise carrying capacity limitations if/as warranted by the results of Action 1. Monitor the impacts of grazing, and where appropriate, revise the minimum allowable carrying capacity.	SERM	Not Initiated	No action to date. Contact Lily Peters (865-4400)

Recreation Cabins: Issue 1
Recreation Cabin Development in the Forest

Action	Initiating Agency	Action Status	Current Status
No actions			

**Recreation Cabins: Issue 2
Cabins built without Permits**

Action	Initiating Agency	Action Status	Current Status
1. Add an educational message about temporary camps to hunting guides.	SERM	Initiated	An educational message pertaining to temporary camps will be included in the 2001-2002 hunting guides. Contact Ed Kowal (953-2695)

**Recreation Cabins: Issue 3
Buffer Zones around Cabins**

Action	Initiating Agency	Action Status	Current Status
1. Develop a policy to implement a formal 90 meter buffer zone around cabins.	SERM	Fully Implemented	Done in practice. Saskfor MacMillan Limited Partnership will provide disposition holders with the opportunity to participate in the planning process and will leave 90 meter buffers around registered cabin sites. Saskfor MacMillan will work with disposition holders to minimize the impact of logging operations on dispositions. Contact Lily Peters (865-4400)

Trapper's Cabins: Issue 1
Trapping cabins used for other Purposes

Action	Initiating Agency	Action Status	Current Status
<p>1. Determine conditions that will allow a trapper to have more than one trapping cabin.</p>	<p>SERM/ Trappers Association</p>	<p>Fully Implemented</p>	<p>A sub-committee meeting was held in March 2000. The recommendation of this committee were presented to the FMAC in April. The FMAC made the following consensus recommendation:</p> <p>One (1) traditional use cabin per licenced Trapper will be allowed.</p> <ul style="list-style-type: none"> • Annual fee - \$15/year <p>Contact Doug Cowie (953-2466)</p>
<p>2. Establish an annual permit to allow recreational use of trapping cabins.</p> <ul style="list-style-type: none"> • one recreational use permit per trapping licence, • permit fee will be \$250.00/year, • no legal survey required, • non-transferrable. <p>This recommendation will require a change to provincial legislation, and consultation with stakeholders from other areas.</p>	<p>SERM</p>	<p>Can Not Be Implemented</p>	<p>This action cannot be implemented by SERM. See section 4.3 Actions Which Could Not be Implemented in this document.</p> <p>Contact Todd Olexson (953-2586) Contact Doug Cowie (953-2466)</p>
<p>3. Develop standards and guidelines for different types of cabins (i.e: trapping cabin, recreational trapping cabin, remote recreational). (e.g.: Define the maximum size of a recreational trapping cabin, define "recreational use" of a trapping cabin, etc.)</p>	<p>SERM/ Municipal Government</p>	<p>Not Initiated</p>	<p>No action to date</p> <p>Contact Doug Cowie (953-2466)</p>

Commercial Developments: Issue 1
Increasing Commercial Development within the Provincial Forest

Action	Initiating Agency	Action Status	Current Status
<p>1. Determine, with involvement from the FMAC and other users, if the forest is at its carrying capacity for cabins. In the interim, no commercial cabins will be allowed, other than in proposed designated areas. Note: carrying capacity determines the number of cabins that the planning area can support while maintaining the ecological integrity of the forest, and considering all uses of the forest.</p>	SERM	Initiated	<p>During implementation discussions with FMAC, SERM and others, it was found that carrying capacity for cabins was not an efficient management tool. The following consensus recommendation was made by the FMAC.</p> <p>Commercial cabins can occur under strict criteria (e.g. SERM review, Meet the intent of guidelines in the Pasquia Porcupine IFLUP, RANs, density, access, First nations, Fisheries, other users, environmental, FMA Holder)</p> <p>Applications will be brought to the FMAC for review and recommendation. SERM will be the final approving agency.</p> <p>Contact Doug Cowie (953-2466)</p>

Commercial Development: Issue 2
Sale of Commercial Leases on Crown Land

Action	Initiating Agency	Action Status	Current Status
<p>1. Change SERM policy on sale of crown leases within the planning area, so that there are no further land sales, with the exception of waste disposal sites and existing legally surveyed subdivisions.</p>	SERM	Fully Implemented	<p>Requests for sale are being handled accordingly. (i.e. denying sale).</p> <p>Contact Doug Cowie (953-2466)</p>

Waste Disposal Sites: Issue 1
Impacts of More Waste Disposal Sites

Action	Initiating Agency	Action Status	Current Status
1. Prepare educational information about waste disposal sites and encourage multi-community or municipal landfill sites.	SERM	Fully Implemented	Multi-community or municipal landfill sites are being encouraged. There is some information presently available concerning why and how to start a regional waste management system in Saskatchewan. Contact Len Sinclair (953-2662)

Sawmill Sites: Issue 1
Environmental Impacts of Sawmill Sites

Action	Initiating Agency	Action Status	Current Status
1. Change Lands policy to require leasing of sawmill sites on an Industrial Lease with conditions attached concerning site cleanliness, reclamation, and required financial guarantees. Since Industrial Lease rates are area based, site size will be limited.	SERM	Fully Implemented	Now required in the forest regulations. The provincial government has commenced instruction to the sawmills to follow environmental association guidelines. A deposit has been put in place to insure clean up of sawmill sites, before leaving a site for good. Further guidelines and restrictions may be put in place in the future to address environmental concerns. Contact Doug Cowie (953-2466)

Mining and Quarrying: Issue 1
Access to Minerals

Action	Initiating Agency	Action Status	Current Status
No Actions			

Mining and Quarrying: Issue 2
Mining: Compensation

Action	Initiating Agency	Action Status	Current Status
1. Develop a compensation process, involving the mineral industry and other affected stakeholders.	SERM/ SEM	Not Initiated	<p>The compensation issue is important to the mining industry but only needs to be addressed in detail if the rights to mineral dispositions or the access to those dispositions are adversely affected by conflicting land use activities. If this can be avoided, which has been the case to date, compensation does not need to be addressed. It may however be useful at this stage to work out some general principles regarding the issue.</p> <p>Contact Murray Rogers (787-1932)</p>

Mining and Quarrying: Issue 3
Sand and Gravel Quarries: Insufficient Environmental Guidelines

Action	Initiating Agency	Action Status	Current Status
1. Review existing controls and guidelines to ensure that they are adequate. Revise if necessary.	SERM	Initiated	<p>A new provincial sand and gravel policy is being prepared.</p> <p>Contact Doug Cowie (953-2466)</p>

Mining and Quarrying: Issue 4
Sand and Gravel Quarries: Rehabilitation of Quarry Sites

Action	Initiating Agency	Action Status	Current Status
1. Ensure leases/dispositions are in place for all quarries and establish reclamation standards that will return sand and gravel quarrying sites to predisturbance condition.	SERM	Fully Implemented (Ongoing)	Dispositions required for sand and gravel. Quarry developer needs a reclamation plan, but it is impossible to return quarry to pre-disturbed conditions. A new quarry reclamation policy is being developed. Contact Doug Cowie (953-2466)
2. Change legislation to allow for a portion of quarry lease fees to be directed toward reclamation of old quarry sites.	SERM	Not Initiated	Action not initiated to date. Contact Doug Cowie (953-2466)

Mining and Quarrying: Issue 5
Sand and Gravel Quarries: Conflicts with other Users

Action	Initiating Agency	Action Status	Current Status
1. Identify areas where sand and gravel quarries will not be allowed.	SERM	Not Initiated	No action to date. Contact Doug Cowie (953-2466)
2. Identify areas where quarry developments must follow special guidelines.	SERM	Not Initiated	No action to date. Contact Doug Cowie (953-2466)

**Snowmobiles and Other All-Terrain Vehicles: Issue 1
Environmental Impacts from ATVs**

Action	Initiating Agency	Action Status	Current Status
1. Develop plans for snowmobile trail expansion, in consultation with other user groups, taking environmental considerations and other values into account. Potential impacts will be considered on a site specific basis.	Local snowmobiling clubs	Initiated	Needs more provincial direction, as far as new trail agreements. Provincial guidelines are all ready in place. Contact Doug Cowie (953-2466) Contact Jack Keel (953-2891)
2. Assess the environmental impacts of existing trails in Representative Areas.	SERM	Not Initiated	No action to date. Contact Fred Beek (787-1932)
3. Educate ATV users and others (general public, hunters, trail planners, high school students, snowmobile clubs) on impacts of ATVs on the environment, and encourage use of existing trails.	SERM/ Snowmobiling associations	Initiated	Some preliminary meetings between snowmobile clubs and trappers. Contact Doug Cowie (953-2466)
4. Monitor impacts of ATVs, restricting use where it causes long term ecosystem damage.	SERM	Not Initiated	No formal monitoring program developed. Contact Doug Cowie (953-2466) Contact Jack Keel (953-2891)
5. Explore options for research on effects of ATVs, including research from other jurisdictions. Use results to adapt recommendations in Land Use Plan revisions.	SERM	Not Initiated	No action to date. Contact Chris Dunn (953-2675) Contact Jack Keel (953-2891)

**Snowmobiles and Other All Terrain Vehicles: Issue 2
Conflicts on Trails**

Action	Initiating Agency	Action Status	Current Status
1. Inform trappers of signs available from snowmobile clubs to indicate traplines, and encourage use.	Snowmobile clubs/ SERM	Initiated	Have initiated discussions amongst trappers and snowmobile clubs in areas where problems are most acute (e.g. Porcupine Forest) Contact Doug Cowie (953-2466)
2. For safety reasons, current logging roads must be clearly signed. Invite snowmobile clubs to timber harvesting plan review meetings, to inform them of roads that will be used by logging trucks.	FMA Holder	Fully Implemented	Snowmobile clubs are invited to annual operating plan meetings and steps are being taken to ensure that signs are posted. Contact Lily Peters (865-4400)
3. Develop information and education programs, and present to ATV users, related to responsible trail use and trapline concerns.	SERM	Not Initiated	No formal actions initiated. Contact Doug Cowie (953-2466)
4. Determine the scope of the problem and compatibility of concurrent uses.	SERM	Not Initiated	No formal action initiated. Contact Doug Cowie (953-2466)

**Snowmobiles and Other All Terrain Vehicles: Issue 3
Effects of Timber Harvesting along Snowmobile Trails**

Action	Initiating Agency	Action Status	Current Status
No Actions			

Traditional Aboriginal Uses: Issue 1
Communications during Development and Implementation of the Land Use Plan

Action	Initiating Agency	Action Status	Current Status
1. Use Aboriginal cultural sensitivity training to help communication and understanding between Aboriginal and non-Aboriginal peoples.	SERM	Fully Implemented (Ongoing)	Training of SERM staff in the Ecoregion was initiated in 2000. Contact Chris Dunn (953-2675)

Traditional Aboriginal Uses: Issue 2
The Effects of Economic Development on the Environment

Action	Initiating Agency	Action Status	Current Status
1. Gather information from Aboriginal peoples on their knowledge and understandings about the ecosystem. Use this to enhance SERM's current management practices.	SERM	Initiated	Traditional Information being gathered as part of Moose and Sturgeon management in the Cumberland Delta. Contact Chris Dunn (953-2675)
2. Update and maintain records of heritage sites in the planning area in the Hudson Bay SERM office.	SERM	Fully Implemented (Ongoing)	Updating and maintaining records of heritage sites in the planning area is occurring on an ongoing basis with the Hudson Bay SERM office, and Saskfor MacMillan. Contact Doug Cowie (953-2466)

**Traditional Aboriginal Uses: Issue 3
Permits for Trapping Cabins**

Action	Initiating Agency	Action Status	Current Status
1. Review the annual \$15 trapping cabin fee. In the interim, cabin owners must continue to register their cabins	SERM	Fully Implemented	This is mandatory in this province. Contact Doug Cowie (953-2466)

**Traditional Aboriginal Uses: Issue 4
Trapline Access**

Action	Initiating Agency	Action Status	Current Status
1. Contact trappers when road closures are being planned.	SERM/Forest Harvesters	Fully Implemented (Ongoing)	Saskfor contacts the affected parties when the five year road plan is developed. Contact Lily Peters (865-4400)

**Water Management and Protection: Issue 1
Protection of Streams and Groundwater Supplies**

Action	Initiating Agency	Action Status	Current Status
1. Identify areas at risk to erosion and siltation.	SERM/SWC	Initiated	<p>The proposed activities of Saskfor MacMillan Limited Partnership were assessed for their probable effects and associated impacts. Where potentially negative impacts were identified, preventative or mitigative measures have been built into the plan. Preventative or mitigative measures which have been built into the plan include erosion risk assessment by soil landscape unit and during pre harvest assessment and avoidance of steep slopes, wetlands, susceptible river valleys and other protected areas.</p> <p>Contact John Durbin (953-2875) Contact Lyle Wallin (953-2889)</p>
2. Develop guidelines that may allow extractive uses, without causing erosion or siltation, or further aggravating current conditions.	SERM/ Proponent of Major Developments/ SWC	Initiated	<p>Make use of existing guidelines. No action to date on developing guidelines specific to steep slopes.</p> <p>Contact John Durbin (953-2875) Contact Lyle Wallin (953-2889)</p>
3. Develop comprehensive watershed management plans to ensure high water quality for domestic use, downstream users, and other users. Address cumulative impacts of new and existing developments.	SWC/SERM	Not Initiated	<p>No action initiated to date.</p> <p>Contact Len Sinclair (953-2662) Contact Chris Dunn (953-2675)</p>

Water Management and Protection: Issue 2

Protection of the Saskatchewan River Delta and other Delta Areas within the Planning Area

Action	Initiating Agency	Action Status	Current Status
1. With the input of SERM, local residents and stakeholders, develop guidelines for resource use development that will ensure protection of delta ecosystems.	SERM/ Proponents of Major Developments/ SWC	Initiated	Saskatchewan River Management Board formed 1999 (members include SERM, Manitoba Conservation, Cumberland House Cree Nation, Opaskwayak Cree nation, Cumberland House Fishermen's Cooperative, Saskatchewan River Fishermen's Association, SaskPower, Manitoba Hydro, and Saskatchewan Northern Affairs. A four year study ended 1998-1999 of Sturgeon in the Cumberland Delta, producing 2 technical reports. Contact Chris Dunn (953-2675)

Economic and Community Health: Issue 1

Sustainable Economic Diversification

Action	Initiating Agency	Action Status	Current Status
1. Meet with economic development corporations to explain the Land Use Plan.	SERM	Not Initiated	No action to date Contact Todd Olexson (953-2586) Contact Doug Cowie (953-2466)
2. Include economic development corporations as part of the public involvement program.	SERM	Not Initiated	No action to date Contact Todd Olexson (953-2586) Contact Doug Cowie (953-2466)

Action	Initiating Agency	Action Status	Current Status
3. Work with Saskfor MacMillan's economic development staff to ensure that recommendations in the Business and Employment Development Plan are co-ordinated with recommendations from the Land Use Plan.	ED/NA	Initiated	Saskfor MacMillan hosted a meeting on economic development. The meeting presented what an FMA is all about and how it relates to the Land Use Plan. Contact Lily Peters (865-4400 SERM) Contact Lorne Bryden (787-2227 ECD) Contact Peter Mizanski (425-4266 NA)
4. Investigate and promote use of different products of the forest.	SAF	Initiated	A book has been published which outlines other value added products which can be taken or harvested from the forest. Contact Lily Peters (865-4400)
5. Investigate and promote non-consumptive uses of the forest, such as ecotourism.	TS/NA	Fully Implemented (Ongoing)	Tourism Saskatchewan is promoting ecotourism in the province in general. Several people in Saskatchewan are setting up ecotourism activities, and businesses are looking into investing in ecotourism. Northern Affairs actively promotes non-consumptive business opportunities, including other forest products and ecotourism. Northern Affairs is involved in the Northern Tourism Task Team and the completion of phase 1 of the Northern Tourism study. Contact Jack Keel (953-2891) Contact Peter Mizanski (425-4266 NA)
6. Initiate a government-wide and multi-stakeholder review of the Guidelines and Proposal Outline for Ecotourism Operations in the Pasquia/Porcupine Planning Area (see Appendix 7). Following the review, determine which agency should be responsible for administering ecotourism. 6a. SERM and Tourism Sask. are to follow up on the tourism review process and report back to the FMAC.	SERM/ TS	Initiated	Committee within SERM reviewing regulation of all commercial tourism activities. A commercial outdoor recreation board has been established. A draft proposal is being developed and will be taken around for approval and input regarding it's contents. The proposal will not be complete until a province wide approach has been agreed upon. Saskatchewan ecotourism's involvement is based on the business perspective. Contact Jack Keel (953-2891)

Action	Initiating Agency	Action Status	Current Status
7. Identify training and education needs for current and future area industries, to help prepare residents for long-term employment opportunities.	Post Secondary Education and Skills Training/ED/ Proponent of Major Developments	Fully Implemented	<p>Forestry Sector Study - Final Report. This report looks at training needs and employment opportunities (current and future) for the forest industry. The report makes recommendations for future training. Study carried out by Trimension Training & Consulting Group Inc. and funded/facilitated by Saskatchewan Post Secondary Education and Skills Training</p> <p>Kitsaki Development Corporation (La Ronge) is lead a multi party training program</p> <p>Contact Todd Olexson (953-2586 SERM) Contact Lorne Bryden (787-2227 ECD)</p>

**Economic and Community Health: Issue 2
Aboriginal Economic Development**

Action	Initiating Agency	Action Status	Current Status
1. Encourage and facilitate communication with Aboriginal communities through groups such as local advisory committees and co-management boards.	SERM	Fully Implemented (Ongoing)	Ongoing work with the Cumberland co-management committee and the FMAC Contact Chris Dunn (953-2675)
2. Encourage and support business development proposals from Aboriginal people, through: - regular meetings with communities and band councils; - providing information and direction about potential business opportunities.	ED/NA	Fully Implemented (ongoing)	Economic and Cooperative Development staff person assigned to facilitate and encourage business development opportunities in forestry related value added products. Northern Affairs (NA) encourages and supports northern business opportunities. Information and assistance is provided to people interested in initiated a business. Meetings are held with communities and groups upon request. NA also co-chairs the Northern Labor Market Committee. Contact Peter Mizanski (425-4266 NA) Contact Lorne Bryden (787-2227 ECD)
3. Encourage the development of training programs that better accommodate the northern Aboriginal lifestyle and traditional economy.	ED/NA	Initiated	Kitsaki Development Corporation is leading a multi party training program. Post Secondary Education and Skills Training is also involved. Training Programs are supported by Northern Affairs. Training programs are carried out by Northern Affairs staff, or more often funded by Northern Affairs Contact Peter Mizanski (425-4266 NA) Contact Lorne Bryden (787-2227 ECD)

Action	Initiating Agency	Action Status	Current Status
4. Investigate economic incentives to provide business and employment opportunities.	ED/NA	Initiated	<p>Federal Provincial Committee initiated (first meeting June 2000) to clearly understand existing programs and to seek possible new programs to facilitate small business development related to forest sector development.</p> <p>Northern Affairs provides economic incentives (e.g. Northern Development Fund, loans up to 250,000 and grants up to 25,000). Information is also provided on all available economic incentives, from other programs and agencies to provide business and employment opportunities to northerners.</p> <p>Contact Lorne Bryden (787-2227 ECD) Contact Peter Mizanski (425-4266 NA)</p>
5. Protect traditional cultural areas by: - meeting with communities and bands to discuss resource management plans, - requiring other resource users to meet with communities and bands to discuss resource use plans.	SERM	Initiated	<p>SERM is initiating a consultation process with First Nations on forestry operating plans in co-operation with the forest industry</p> <p>Contact Chris Dunn (953-2675)</p>
6. Encourage joint ventures between Aboriginal and non-Aboriginal communities.	ED/NA	Fully Implemented (Ongoing)	<p>Joint ventures are encouraged between communities and others ongoing basis.</p> <p>Contact Peter Mizanski (425-4266 NA) Contact Lorne Bryden (787-2227 ECD)</p>
7. Meet with Aboriginal Peoples to explore the intent, use and location of Indian Parks.	SERM	Not Initiated	<p>No action initiated to date.</p> <p>Contact Jack Keel (953-2891)</p>

5.3 Implementation Strategies

Plan Monitoring and Evaluation Strategy

Action	Initiating Agency	Action Status	Current Status
1. Assign one person to assume responsibility to see that the Land Use Plan is implemented and monitored.	SERM	Fully Implemented	Several SERM staff identified. Contact Todd Olexson (953-2586) Contact Doug Cowie (953-2466)
2. Develop a government technical committee to provide advice and to help implement the Land Use Plan.	Interested Government Agencies	Fully Implemented (Ongoing)	Other government agencies polled for their views on continuing involvement. A committee of SERM staff has been created. Contact Todd Olexson (953-2586) Contact Doug Cowie (953-2466)
3. Prepare an annual progress report on plan implementation for public review and comment.	SERM	Fully Implemented (Ongoing)	Progress being monitored by SERM. An annual progress report is being drafted, this began in March 2000. Contact Todd Olexson (953-2586)
4. Prepare, with public involvement, an annual review of plan implementation, monitoring and evaluation results, including any recommendations for change, and the rationale for such change.	SERM	Initiated	First review to be done in 2000. Contact Todd Olexson (953-2586)
5. Design a process for monitoring the ecological integrity of the forest.	SERM	Initiated	Forest monitoring working group working on protocols for monitoring impacts of forest management activities. Contact Dwayne Dye (953-2339)
6. Ensure that this monitoring process is followed.	SERM	Initiated	Contact Dwayne Dye (953-2339)
7. Maintain an overall master inventory of ecosystem information, including land uses, ecological attributes, information about individual resources, and pertinent research results. Information for this master inventory will be provided by a variety of agencies.	SERM	Initiated	A master inventory will be gathered and kept in Hudson Bay and Prince Albert. Work has been initiated. Contact Lily Peters (865-4400)

Action	Initiating Agency	Action Status	Current Status
8. A comprehensive plan review and update will be done ten years after the start of plan implementation, and every ten years thereafter, to re-examine the plan's appropriateness and success at meeting ecological and social needs.	SERM	Initiated	Will be completed every 10 years as recommended. Contact Todd Olexson (953-2586)

Public Involvement: Issue 1
Effective Ongoing Public Involvement In Plan Implementation

Action	Initiating Agency	Action Status	Current Status
1. Hold regular public meetings to provide opportunities to raise issues, answer questions and present plans.	SERM	Not Initiated	No action to date Contact Todd Olexson (953-2586) Contact Doug Cowie (953-2466)
2. Establish a regional advisory board, to assist with the implementation of the Land Use Plan and Saskfor MacMillan's forest management activities. <ul style="list-style-type: none"> - Continue with the FMAC as the advisory board, adapting its membership and structure to ensure appropriate representation of users and communities. - Re-examine the role of the board, and its terms of reference. - Develop mechanisms to enhance the board's public accountability. 	SERM	Fully Implemented	A regional advisory board has been established to assist with the implementation of the Land Use Plan and Saskfor MacMillan's forest management activities. Contact Todd Olexson (953-2586) Contact Doug Cowie (953-2466) Contact Lily Peters (865-4400)
3. Hold one-on-one meetings when necessary for specific issues (e.g. between trappers, outfitters, and the FMA holder).	Variable	Fully Implemented (Ongoing)	This is ongoing for SERM. Contact Todd Olexson (953-2586) Contact Doug Cowie (953-2466) Contact Lily Peters (865-4400)

Action	Initiating Agency	Action Status	Current Status
4. Convene a special planning meeting to explore enhanced aboriginal involvement.	SERM	Initiated	Some preliminary follow up work initiated. Contact Chris Dunn (953-2675)

**Dispute Resolution: Issue 1
Need For Dispute Resolution Mechanisms**

Action	Initiating Agency	Action Status	Current Status
No Actions			

6.0 New FMAC Consensus Recommendations

Three issues have been discussed which resulted in new consensus recommendation. Discussion of these issues and options to deal with them occurred during the FMAC Subcommittee meeting March 23rd, 2000 and at the following FMAC meeting April 12th, 2000.

See **Appendix I** for the pages required to update existing copies of the Pasquia/Porcupine Integrated Forest Land Use Plan with the up-to-date guidelines and actions as of June 14th, 2000. Each year when the annual review is performed, a similar update of the plan will be provided.

**A) New Consensus Recommendation for:
Trappers Cabins: Issue 1
Trappers Cabins Used For Other Purposes
Page 47 of the Pasquia/Porcupine Integrated Forest Land Use Plan**

Action Number 2 (Past Recommendation)

Establish an annual permit to allow recreation use of trapping cabins.

- *one recreational use permit per trapping licence,*
- *permit fee will be \$250.00/year,*
- *no legal survey required,*
- *non-transferable.*

This recommendation will require a change to provincial legislation, and consultation with stakeholders from other areas.

Saskatchewan Environment and Resource Management (SERM) found that the implementation of this action was not administratively possible. SERM has been actively working with the Forest Management Advisory Committee and its members to pursue other options in dealing with this issue.

The following consensus recommendation by the FMAC was made to address the issue of “Trapping Cabins Used For Other Purposes”, in place of the above action:

New Consensus Recommendation of the FMAC

Status Quo - Current policy on TRU use

- use to be administered by the trapping blocks (no conversion of TRUs to recreational)
- any misuse of TRU cabins referred to SERM; SERM staff will forward to trapping block chairman
- President (STA) to send a letter to all block chairman regarding the use of TRUs

**B) New Consensus Recommendation for:
Commercial Developments: Issue 1
Increasing Commercial Development Within The Provincial Forest
Page 48 of the Pasquia/Porcupine Integrated Forest Land Use Plan**

Action Number 1 (Past Recommendation)

Determine, with involvement from the FMAC and other users, if the forest is at its carrying capacity for cabins. In the interim, no commercial cabins will be allowed, other than in proposed designated areas.

Note: carrying capacity determines the number of cabins that the planning area can support while maintaining the ecological integrity of the forest, and considering all uses of the forest.

After discussing this action with the Forest Management Advisory Committee (FMAC) subcommittee and then the FMAC it was felt that determining a carrying capacity for cabins was not the best option. Options for dealing with this issue were reevaluated and the following new consensus recommendation of the FMAC was made. This recommendation will replace the above noted Action Number 1.

New Consensus Recommendation of the FMAC

Commercial cabins can occur under strict criteria (e.g., SERM review, Meet the intent of guidelines in the Pasquia Porcupine IFLUP, RANs, density, access, First Nations, fisheries, other users, environmental, FMA Holder)

Applications will be brought to the FMAC for review and recommendation. SERM will be the final approving agency.

**C) New Consensus Recommendation for:
Trappers Cabins: Issue 1
Trapping Cabins Used For Other Purposes
Page 47 of the Pasquia/Porcupine Integrated Forest Land Use Plan**

Action Number 1 (Past Recommendation)

Determine conditions that will allow a trapper to have more than one trapping cabin.

After discussing this action and under what criteria a trapper should have more than one cabin with the FMAC subcommittee and the FMAC, the following consensus recommendation was made by the FMAC.

New Consensus Recommendation of the FMAC

One (1) traditional use cabin per licenced Trapper will be allowed.

- *Annual fee - \$15/year*

This consensus recommendation will replace the above noted Action Number 1.

Appendix I

This appendix contains the pages necessary to update the Pasquia/Porcupine Integrated Forest Land Use Plan *Management Plan* **June 1998**. This update will make the plan current as of June 2000.

4.6 Trapping Cabins

Trapping cabins are intended to be used for traditional trapping, hunting or commercial fishing activities. These cabins are tied to licenced trapline operations. There are 140 trapping cabins located throughout the planning area.

Issues and Recommendations

TRAPPER'S CABINS: ISSUE 1 TRAPPING CABINS USED FOR OTHER PURPOSES

Trappers are allowed to have more than one trapping cabin for their operation. Some of these cabins are being used for recreational purposes by non-trappers. Trapping and recreational cabins have different legal obligations. A trapping cabin permit costs \$15 per year; a recreational cabin permits costs \$250 per year. A recreational cabin requires a legal survey costing \$1-2 thousand; no legal survey is required for a trapping cabin.

The recreational use of trapping cabins may reduce the demand for commercial operations that provide lodging in the area. As well, using trapping cabins for recreation is a way of getting around the current freeze on recreational cabin development in the Porcupine Forest.

Recommendations:

Guidelines

- Additional trapping cabins will be allowed only when necessary for the trapping operation.
- Allowed use of trapping cabins includes occupation by the licenced trapper and members of his or her immediate family (spouse, son, daughter).

Action	Initiating Agency	Priority
1. <i>One (1) traditional use cabin per licenced Trapper will be allowed.</i> <ul style="list-style-type: none">• <i>Annual fee - \$15</i>	SERM/Trappers Association	1

Action	Initiating Agency	Priority
2. Status Quo - Current policy on TRU use <ul style="list-style-type: none"> • use to be administered by the trapping blocks (no conversion of TRUs to recreational) • any misuse of TRU cabins referred to SERM; SERM staff will forward to trapping block chairman • President (STA) to send a letter to all block chairman regarding the use of TRUs 	SERM	2
3. Develop standards and guidelines for different types of cabins (ie: trapping cabin, recreational trapping cabin, remote recreational). (eg: Define the maximum size of a recreational trapping cabin, define “recreational use” of a trapping cabin, etc.)	SERM/Municipal Government	1

4.7 Commercial Developments

Commercial developments in the planning area include outfitters, gas stations, stores, restaurants, accommodations and ecotourism operators. Most commercial leases in the planning area are for outfitters; there are 90 outfitters. Four commercial operations, located along provincial highways, provide other services to the public.

Outfitting cabins are used for commercial operations that provide guiding services for fishing and hunting activities. Ecotourism cabins are used by ecotour operations that provide guiding services for nature-centered, non-consumptive tourist activities. Significant growth is expected in the ecotourism industry.

Issues and Recommendations

COMMERCIAL DEVELOPMENTS: ISSUE 1

INCREASING COMMERCIAL DEVELOPMENT WITHIN THE PROVINCIAL FOREST

Present policy allows outfitters to build one permanent structure, on a commercial lease, and up to two temporary structures on their assigned operating area (AOA). Many new cabins could be built throughout the planning area. More cabins will mean more roads, further fragmentation of the forest, increased impacts on the forest ecosystem and increased conflicts with other forest users.

However, limiting new cabins may restrict new development.

Action	Initiating Agency	Priority
Commercial cabins can occur under strict criteria (e.g., SERM review, Meet the intent of guidelines in the Pasquia Porcupine IFLUP, RANs, density, access, First Nations, fisheries, other users, environmental, FMA Holder) Applications will be brought to the FMAC for review and recommendation. SERM will be the final approving agency.	SERM	1

**COMMERCIAL DEVELOPMENT: ISSUE 2
SALE OF COMMERCIAL LEASES ON CROWN LAND**

Current SERM policy states that commercially leased lands are eligible for private purchase. Such purchases increase management difficulties, increase conflicts between users and fragment the Provincial Forest. Prior to sale, a site and a registered road must be surveyed which presents servicing implications and potential difficulty for municipalities.

Recommendations:

Guideline

- Ownership of leased lands within the Provincial Forest should remain with the Province, except for situations determined in the policy referred to in the following action. Allocation of resource use does not imply ownership.

Action	Initiating Agency	Priority
1. Change SERM policy on sale of crown leases within the planning area, so that there are no further land sales, with the exception of waste disposal sites and existing legally surveyed subdivisions.	SERM	1

4.8 Waste Disposal Sites

There are eight waste disposal leases located within the Pasquia/Porcupine Planning Area: six are leased to communities and Rural Municipalities; two are operated by SERM. Existing leases have a 10-year term. As leases expire, SERM's policy has been to sell sites to the community or RM for the cost of a legal survey. These sites are sold because of concerns about liability, and the unsuitability of the site for other uses.

Any proposed waste disposal site must undergo an engineering and environmental study by the