



*SLAVE LAKE PULP*

## **Goals and Objectives**

For the development of the

### **Detailed Forest Management Plan**

For

**Forest Management Agreement 9000028**

Prepared by:  
The woodlands staff  
Alberta Plywood Ltd.  
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*Acknowledgements:*

Slave Lake Pulp acknowledges the following individuals for their dedication and commitment to the preparation of these Goals and Objectives:

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C #	GOALS	OBJECTIVES
<b>1</b>	<b>Conservation of biological diversity</b>	
1.1	<b>Ecosystem Diversity - <i>Plants, animals and micro organisms interacting with their physical and climatic environment in a given area</i></b>	
	Mitigate the impacts of forestry practices on biological diversity	Complete a landscape assessment for the determination of an acceptable range of forest conditions.
		Develop an understanding of the natural range of forest conditions by completing a natural disturbance study by November 2005.
		Develop landscape and stand level management strategies
		Develop and maintain a government approved forest inventory of the FMA.
		Evaluate and make provisions for the maintenance of understorey characteristics on a landscape basis.
		Develop and implement forestry practices based on sound forest management principles.
		Mitigate the impacts of timber harvesting on forest fragmentation.
1.2	<b>Species Diversity – <i>variety of plants and animals in a particular area</i></b>	
	Mitigate the impacts of forestry practices on species and species guilds	Identify known animal and plant species and species guilds on the FMA by 2005.
		Develop strategies to mitigate the impacts of forest practices on animal and plant species and species guilds.
		Identify the known forest dependent animal and plant species classified as threatened, rare or endangered by 2005.
		Develop strategies to mitigate the impacts of forestry activities on animal and plant species classified as threatened, rare or endangered.
		Monitor and reduce the introduction and spread of noxious weeds from timber operations.
1.3	<b>Genetic Diversity – <i>maintain native tree species gene pool</i></b>	
	Maintain an acceptable range of native commercial tree species and genetic diversity on the FMA	Replace harvested forest stands with trees that most closely resemble the natural gene pool.
2	<b>Maintenance and enhancement of ecosystem condition and productivity</b>	
2.1	<b>Incidence of Disturbance and Stress – <i>Minimize the incidence of disturbance and stress</i></b>	
	Reduce significant loss of productive forest from forest fire	Reduce the susceptibility for forest fires on the FMA.
		Complete a natural disturbance study, by 2005, to develop and understanding of the historic incidence of fire on the FMA
		Develop proactive strategies to minimize the potential for significant loss as a result of forest fire.



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		Develop strategies to minimize the potential for the occurrence of human caused fires as a result of Slave lake Pulp's timber harvest operations.
	Reduce significant loss of productive forest from insect and disease	Complete a natural disturbance study, by 2005, to develop an understanding of the historic incidence of insect and disease on the FMA.
		Work collaboratively with other forest resource users and research organizations to develop an integrated, proactive strategy for timely identification and mitigation of insect and disease infestations by 2005.
		Develop a strategy to monitor the occurrence of insect and disease on the FMA.
		Develop proactive strategies to decrease the risk of insect attacks.
2.2	<b>Ecosystem resilience – capacity for recovery from disturbance</b>	
	Mitigate the impacts of forestry practices on site productivity	Develop a strategy for the mitigation of forestry practices on site productivity.
		Develop a process for understanding the impacts of forestry practices on site productivity.
		Develop a strategy for the inclusion of site productivity in the FMA ground rules.
		To meet and/or exceed government regulated regeneration standards.
	<b>Conservation of soil and water resources</b>	
3.1	<b>Physical environmental factors – characteristics of soil, water and biota</b>	
	Mitigate the impacts of forestry practices on forest soils	Operate in full compliance with all applicable soil conservation guidelines.
		Develop collaborative FMA Ground Rules within one year of the approval of this plan; and, make allowances for the inclusion of measures to mitigate the impacts of forestry practices on forest soils.
		Develop a process to increase understanding of the impacts of forestry practices on forest soils with the intent to apply knowledge gained.
	Mitigate the impacts of forestry practices on water quality and water quantity.	Identify watersheds on an FMA basis within the term of this plan.
		Work cooperatively with Alberta Environment and other interested industry partners to develop an understanding of the impacts of forestry practices on water quality and quantity.
		Continuously and consistently meet or exceed government requirements for road construction, maintenance and abandonment by ensuring that all Slave Lake Pulp's operations are within Government guidelines.
		Work collaboratively with other resource users to minimize the amount of roads, stream crossings and general site disturbance
		Develop strategies to mitigate the impacts of forestry practices on riparian areas.
3.2	<b>Policy and protection forest factors</b>	
	Protect sensitive sites	Develop a process for the identification and incorporation of sensitive sites into forest management planning and operations within one year following the approval of this plan.

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		In collaboration with Alberta Environment, develop site specific plans for identified sensitive sites as required.
4	<b>Forest ecosystem contribution to ecological cycles</b>	
4.2	<b>Forest land conversion</b>	
	Maintain or increase the productive forest landbase	On an ongoing basis, minimize the amount of productive forested lands converted to non-forested land use.
		Continuously explore opportunities to increase the productive forest landbase.
4.4	<b>Forest sector policy factors</b>	
	Influence forest policy decision making	On an ongoing basis, work closely with the government to influence policy and regulations that contribute to forest sustainability and profitability.
		Ensure that company personnel are aware and current with all applicable laws, policies and regulations affecting forest practices.
		Continuously and consistently ensure that all operations are in full compliance, or exceeds the requirements of, all applicable laws, policies and regulations
4.5	<b>Contribution to hydrological cycles</b>	
	Mitigate the impacts of forestry practices on hydrological cycles.	Develop a process for increasing understanding of the impacts of forestry practices on hydrological cycles.
		Mitigate the impacts of forestry practices on water flows.
		Mitigate the impacts of forestry practices on surface area of water
		Develop a process for the identification of sensitive sites and key watersheds
5	<b>Multiple benefits to society – provide a flow of benefits to society</b>	
5.1	<b>Productive Capacity</b>	
	Maintain or enhance sustainable fibre benefits	Determine the net landbase available for timber production.
		Mitigate the loss of productive forest landbase
		Develop a process for understanding natural and managed stand dynamics.
		Maintain or increase sustainable harvest levels for both coniferous and deciduous species.
		Maintain relative proportions of coniferous and deciduous species within an acceptable range
	Mitigate the impacts of forestry practices on fish and wildlife.	Develop a process for the assessment of fisheries and wildlife use on the FMA
		Develop strategies for the mitigation of forest practices on fisheries and wildlife
		During the term of this plan, participate with Alberta Environment to developing a strategy for the maintenance of an acceptable range of forest conditions necessary for fisheries and wildlife habitat needs
		Work cooperatively with Alberta Environment to minimize the quality, quantity and duration of access.

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5.2	<b>Competitiveness of the forest industry</b>	
	Maintain or enhance the long-term competitiveness of Slave Lake Pulp.	Be efficient and effective at all phases of operations.
		Continually improve operations by adopting philosophy of continuous improvement.
		Effectively collaborate with other forest resource users and Alberta Environment.
		Ensure that forest practices are environmentally sound and economically viable
		Ensure that our commitment to sustainable forest management is recognized and accepted.
5.4	<b>Non-timber values</b>	
	Mitigate the impacts of forestry practices on commercial and non-commercial, non-timber values	Identify, and develop an understanding of, commercial and non-commercial non-timber values and use on the FMA.
		Develop strategies for mitigating the impacts of timber harvesting on commercial and non-commercial, non-timber values
		Evaluate historic human use on the FMA within five years of the approval of this DFMP.
		Develop strategies for the identification and protection of unique social, cultural or spiritual areas.
<b>6</b>	<b>Society's expectations for sustainable development</b>	
6.1	<b>Recognition of aboriginal and Metis organizations.</b>	
	Develop and maintain long-term relationships with local aboriginal and Metis organizations.	Develop a process for meaningful communication with local aboriginal and Metis organizations.
		On an ongoing basis, work with aboriginal groups towards the development of economic opportunities.
		Ensure that forest management planning takes into account the protection of identified unique or significant aboriginal social, cultural or spiritual sites
		Mitigate the impacts of forestry practices on existing opportunities for subsistence purposes.
	<b>Sustainability of forest communities</b>	
	Contribute to the economic stability of local communities	On an ongoing basis, provide economic opportunities to local communities
		Develop and maintain a stable employee and contractor base in local communities
	<b>Fair, effective and informed decision making</b>	
	Encourage and support fair, effective and informed public participation and provide the opportunity for effective decision making	Develop a public involvement process that ensures fair, effective and informed decision making.
		Increase public knowledge and awareness of forestry
		Ensure that public views are considered in forest management planning and operations.
		On an ongoing basis, develop an understanding of varying societal views by actively participating in the public involvement process.

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	Manage the FMA based on sound scientific principles	On an ongoing basis, improve our understanding of the impacts of forest practices on the forest ecosystem
		Develop a research and development strategy
		Develop and maintain a staff of competent professionals dedicated to the practice of forestry.