

APPENDIX B

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JOINT DETAILED FOREST MANAGEMENT PLAN

TOLKO HIGH LEVEL LUMBER DIVISION & FOOTNER FOREST PRODUCTS LTD.

Public Involvement Plan

The companies believe that public involvement will benefit all levels of planning and operations. This section describes the process of how the companies will seek public involvement; how the companies will identify issues; how the issues are actioned/resolved, and the process for conflict resolution.

The companies are committed to ensuring public involvement is an open, meaningful component of all levels of planning and operations. The companies' believe that:

- public input needs to be economically, ecologically, and socially balanced
- the public involvement process should be flexible and open to change as values change,
- the longer the term of a project, the more effort that will be required to seek and resolve public input.

Goals

Continue an open consultative environment for the resolution of significant issues.

Objectives

Encourage stakeholder involvement in:

- the development of a Detailed Forest Management Plan for both companies on a dissolved landbase,
- the development of General Development Plans and Annual Operating Plans,
- the operational aspects of the companies' woodlands.

Stakeholders

The following categories are specific stakeholders who have been involved in some aspect of our planning, operations, and the creation of the Detailed Forest Management Plan. These groups are contacted through the following public involvement mechanisms.

1. General Public

The companies have made opportunities for the general public to be involved with planning and operations via:

- DFMP working groups (Ecological, Social, and Timber Supply Working Group),
- Public Advisory Committee members and/or meetings,
- Annually held open houses,
- "1-800" Forestry Hotline,
- Newsletters associated with the above DFMP working groups
- Newspaper announcements for events and/or the Forestry Hotline.

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2. Trappers

The companies recognize trapping and trappers are an established industry with direct interest in the planning and operations of our companies. Registered trap line holders are contacted when the companies are commencing a preliminary Annual Operating Plan. Prior to harvesting, we seek face-to-face meetings with the trappers to review and resolve any concerns identified. Since large portions of the trapping community are aboriginal elders, there is a language barrier. In this case the companies will seek someone in the community to overcome this barrier.

3. Other Tenure Holders

- a. Daishowa-Marubeni International Ltd.
- b. La Crete Sawmills
- c. Little Red River First Nation / Askee
- d. Netaskinan Development Corporation
- e. Zama Mills Ltd. / Dene Tha First Nations
- f. Small Aspen Mills in La Crete Area: Precision Lumber and Ridgeview Sawmills.
- g. Small Conifer Mills in La Crete Area: Precision Lumber, Crestview Sawmills, and Evergreen Lumber.

With other forestry companies, integration is not only a goal it is a requirement. The companies above are contacted on an ongoing basis, and in many instances share open houses and Public Advisory Committee meetings when seeking input from the general public.

4. Aboriginal Groups

- a. Little Red River Cree Nation
- b. Tall Cree First Nation
- c. Dene Tha First Nation
- d. Beaver First Nation
- e. Paddle Prairie Metis Settlement
- f. Metis Nation of Alberta Association (MNAA) Zone 6 and a portion of Zone 5 (primarily local 74)

The companies maintain ongoing contact with aboriginal groups to identify their interests and concerns, whenever or wherever possible. For a detailed explanation of our commitment see section 2.1 of the Detailed Forest Management Plan.

5. Oil and Gas

The oil and gas industry is a very large proportion of the community to the North and West of High Level. Although oil and gas activities are year round, field

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operations are substantially increased during the winter months. During GDP and AOP development, possibilities of integrating operations and/or concerns are being incorporated into the plans and operations.

The companies have formed the Northwest Oil and Gas Committee, which meets annually to discuss input into five year plans, operating plans, road use agreements, infrastructure developments, and land use processes.

6. Local Government

Local and municipal governments are contacted annually and periodically throughout the year to discuss concerns.

7. Special Interest Groups

Special interest groups are identified by any of the mechanisms mentioned below in 'Public Involvement Programs'. These groups are involved as plans are developed and move towards implementation.

8. Other Commercial Stakeholder such as guide outfitters.

Commercial stakeholders are identified by any of the mechanisms mentioned below in 'Public Involvement Programs'. These stakeholders are involved as plans are developed and move towards implementation. Depending on the scale of the stakeholders, attempts to seek input may come earlier in the planning process. For example, seeking input from the Alberta Professional Outfitters Society may occur at the General Development Plan stage, versus input from a gravel pit holder (who has interest in one, relatively small area of the FMA) may come at the Annual Operating Plan stage.

The grouping of stakeholders above is not conclusive, and will be adapted as new stakeholders appear on the landscape.

Public Involvement Programs

The companies will seek public input and identify issues of concern by using the following programs. As well the companies will also use these programs to report on performance and where public input has been incorporated.

1. Public Advisory Committee (PAC)

The PAC was initially formed in 1997 and has representation from:

- Teachers from the Fort Vermillion School Division
- North Peace Tribal Council
- Alberta Trappers Association

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- High Level Outdoors Club
- Boreal Naturalists Club
- Fish and Game Association
- Mackenzie Economic Development Corporation
- The logging community
- District Agricultural office
- Municipal District of Mackenzie #23
- Husky Oil & Imperial Oil
- La Crete Sawmills
- Sustainable Resources Division – regional office's Land and Forests & Fish and Wildlife Division
- Tolko High Level Lumber Division and Footner Forest Products Ltd.

The PAC meets once per month. Its mandate is to bring issues to the forestry companies, and distribute information to the public about forestry and the PAC's role in forestry planning and operations.

2. DFMP Working Groups

For the construction of this DFMP, three working groups were established. They are the Social/Communication, Timber Supply Analysis/Economic, and the Ecological/Environmental working groups. The purpose of the groups is to focus participants in these areas of sustainable forest management. The public was and is encouraged to participate.

These groups identified values in each respective area mentioned above, communicated work and feedback to the other groups and the planning team, and received direction of what needed to be done for the DFMP from the Planning Team.

3. Open Houses

- a. GDP Traveling Public Presentations
- b. Trade Fairs
- c. Special meetings / Information Sessions

The companies annually host open houses and attend trade fairs and special meetings throughout the region. Locations may vary due to the level of plan being developed and/or the area it will affect. For example, the DFMP held open houses throughout the entire FMA, however the open houses held for GDP and AOP input were only in those communities adjacent to our forestry operations.

Some of the special meeting attended while developing the DFMP were local boards of trade, board of commerce, and community groups.

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The companies will continue these open house events as they have proven to be very effective.

4. Local Government meetings.

In the development of the DFMP, meetings were held with the Municipal District of Mackenzie #23, and the town councils of High Level and Rainbow Lake. At these meetings we informed them of the DFMP and requested input. From the initial meetings, local governments requested a follow-up meeting when the preferred management strategy is selected.

The companies will continue periodic meetings with local governments to allow an exchange of each other's concerns and operations.

5. "1 – 800" number

The companies, with assistance from the Mackenzie Economic Development Corporation, have set up a "1-800" number. The phone number is to give another avenue to the public to input into all levels of planning and operations, at any time and at no cost.

6. Advertisements and Newsletters

The companies will continue to advertise all the programs listed above in hopes to encourage public involvement. The companies will continue to use the local paper, town billboard, local TV station (Rainbow Lake), radio advertisements, handouts and newsletter to communicate information and seek input.

Issue Identification and Resolution

Input from the public involvement programs will continue to be documented and concerns will be identified for resolution. Concerns, once identified, will be given to the companies for resolution and closure. Before reaching closure on a concern, a follow-up loop will be incorporated in to the process. This will allow some feedback to the possible resolution.

The companies will continue to reach closure on concerns through facilitation, mediation, education, and consensus. Issues not resolved by the companies will be forwarded to upper management and government for resolution. Issues not having closure will be documented.

Summary of Inputs

A summary of inputs incorporated into the DFMP is in section 1.4. Each "Issue/Concern" is addressed in a corresponding resource management goal in chapter 3 (see table 1. section 1.4). The summary was a result of the public

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involvement programs mentioned above and DFMP planning team meetings where Alberta Environment listed concerns.

A summary of input and issues received and addressed from all the public input programs will be reported on annually in the General Development Plan.

Monitoring Performance

An annual report will summarize the plans where public input has been employed. Success will be measured by the number of concerns resolved in our forest management plans, general development plans, annual operating plans, and forestry operations that stakeholder have brought forward.

The companies will allow for an annual review of the input and resolutions to:

- Determine ways to improve involvement in forestry planning and operations,
- Set up monitoring programs to determine the effectiveness of changes in management programs due to public input,
- Communicate the effectiveness of incorporated public input,
- Help identify gaps in knowledge where further information is needed to help come to a resolution.

DFMP	Summary of Input/Issue/Concern
4.1.1	Will an "A" Density harvested stand return to an "A" Density stand?
4.1.1 / 4.1.2 / 4.1.3 / 8.5 / 9.1.2	Will biodiversity be maintained?
4.1 / 7.0 / 8.0 / 9.0	What is being done to protect the environment?
4.1 / 7.0 / 8.0 / 9.0	How does harvesting change the ecosystem as a whole?
4.1 / 7.0 / 8.0 / 9.0	What are the effects on the environment (whole ecosystem) of human intervention and harvesting?
4.1 / 8.2 / 8.3	Vision of the desired forest: are we going to have a forest as nature intended it to be? What will the size be? What will the soil be like?
4.1.4	Concern about nutrient recycling and the soil nutrient management in the harvest cycle.
4.1.4 / 5.4	Concern about soil depletion.
4.1.9	How will the Companies address weed management?
4.1.1	There needs to be 10% of mature/over mature timber maintained.
5.9 / 5.4 / 5.5	What precautions are in place to prevent natural disruptions from occurring as a result of clear cutting?
4.1.1 / 6.2 / 8.2	Concern that old growth is being maintained only in the riparian areas.
1.4 / 4.1.6	Is there a joint effort to produce a mixed wood management plan within the DFMP?
6.2	Want to see a map with all information regarding protected areas, cultural/historical/ecological sites identified.
7.0	Concern that the government punishes industry for undercutting quadrants, while people are demanding more protected areas.
6.2 / 5.2 / 4.1.2	How will the Companies ensure natural areas are recognized and protected?
This issue was not incorporated into the document, as it was not considered within the scope of the plan.	Concern about the lack of protected areas within the FMA.
Although this issue was not incorporated into the document, any knowledge gained through the Companies' participation in a variety of committees and research projects will be incorporated into future management plans through adaptive management (5.11 / 5.13 / 5.14 / 5.15 / 5.17 / 5.18 / 5.20)	What are the long-term effects of harvesting, and the establishment of monocultures on the soil?
4.1.9 / 5.9	What are the Companies doing about fire protection?
This issue was not incorporated, as it was not considered within the scope of the plan.	Are the Companies doing anything about global climate change and the catastrophes that may arise?
This issue was not incorporated, as it was not considered within the scope of the plan.	Why isn't climate change included as one of the monitoring variables in the TSA process?

DFMP	Summary of Input/Issue/Concern
4.1.9 / 8.4 / 9.1.1	How will impacts from insect and disease be addressed?
4.1.9 / 8.4 / 9.1.1	Insect and diseases are a natural process; suggest Companies should let nature run its course.
4.1.9 / 8.4 / 9.1.1	How will the DFMP link to a decision support system for spruce budworm management strategies?
4.1.9 / 8.4 / 9.1.1 / 6.2	How are the Companies dealing with poor productive sites, subjective deletions, and insect and disease?
4.1.1 / 4.1.2 / 4.1.3 / 6.2 / 8.5 / 9.1.2 / 3.2.5 / Appendix H	What are the effects of loss of habitat for animals?
4.1.1 / 4.1.2 / 4.1.3 / 6.2 / 8.5 / 9.1.2 / 3.2.5 / Appendix H	How will the Companies preserve habitat suitable for wildlife (caribou)?
4.1.1 / 4.1.2 / 4.1.3 / 6.2 / 8.5 / 9.1.2 / 3.2.5 / Appendix H	How will the Companies manage timber and wildlife species?
4.1.3	Snag management and patch retention strategies should also be included as strategies for habitat management.
4.1.2 / 4.1.3	What are the debris disposal objectives, and is there research showing relationship between wildlife species and debris piles?
4.1.2 / 4.3.2 / 5.2	Will there be access constraints during critical wildlife periods?
4.1.1 / 4.1.2 / 4.1.3 / 6.2 / 8.5 / 9.1.2 / 3.2.5 / Appendix H	How are fine filter approaches used to ensure that threatened and endangered species populations are maintained?
4.1.2 / 8.4 / 9.1.2 / 9.1.3	How will indicator species be monitored to ensure that ecological processes are maintained in the goals and strategies developed in the DFMP?
6.0 / 7.0 / 8.0	Will there be a perpetual sustained yield of timber resources?
6.2 / 5.21 / 2.2.3 / Appendix A / 9.1.3 / 9.2	Traditional use areas should be accounted for in the timber supply process.
6.4.1.2	Will the Timber Supply Analysis be optimized or simulated?
6.4.1.2 / Table 6.13	What species is the lead species in determining an even flow?
Table 6-18	What are the planning horizons and rotation ages?
1.7	Will local mills receive wood supply? What occurs with the volume allocations made available to the small mill as these small mills come and go?
This concept was not incorporated into the DFMP as fires will be addressed as they occur. The Companies will follow the provincial guidelines to deal with its impacts.	Will there be a 2% reduction in the Annual Allowable Cut calculation for fire loss?
Forest Management Planning Manual	When is it necessary to redo the Annual Allowable Cut calculation after a fire/cumulative effects?
6.2	Should the Annual Allowable Cut be based on post harvest re-growth or on the original timber present?
6.0 / 7.0	Concern with combining Annual Allowable Cuts from separate FMUs in the FMA to form one larger FMU with one larger Annual Allowable Cut.

DFMP	Summary of Input/Issue/Concern
The Executive Summary indicates that the next plan will be completed in 5 years. Forest Management Plans must be prepared <i>no later</i> than 10 years from the previous submission.	The FMA requires a recalculation of the Annual Allowable Cut in 10-year periods; is this appropriate length of time between recalculations?
Joint FMA O.C. 281/2002 Section 6 "Withdrawals"	How can land be removed from the FMA area? How is compensation awarded and under what circumstances?
6.0 / 7.0	Want to see the Companies' preferred management strategy match the land base classification in the timber supply analysis.
6.1.1 / 6.2.2 / 6.2.3	Would like to see the yield curves that fires are to be on, and the reforestation lag that will be used for fires (with and without reforestation).
6.2 / 6.4.2 / 6.4.3.5 / Table 6-18	What are the policies on subjective deletions, green up, rotation ages, adjacency concerns, block sizes, buffers, and type cuts?
As per the Alberta Timber Harvest Planning & Operating Ground Rules and the utilization standards adopted by the Companies in the Timber Supply Analysis (6.4.2.4)	What stump heights will be used (utilization standard)?
This issue was not incorporated as it was not considered within the scope of the plan.	Is there a better utilization of wood than a beehive burner?
4.1.7 / 5.5 / 7.0 / 8.6	What strategy or objective deals with ecological processes, hydrologic response, and effects of erosion and sediment?
Although this issue was not incorporated into the document, any knowledge gained through our participation in a variety of committees and research projects will be incorporated into future management plans through adaptive management.	What are the effects of harvesting on erosion and water table?
4.1.7 / 5.5 / 7.0 / 8.6	From the strategies indicated, water management needs to be addressed. Should watershed management objectives be used in the DFMP?
4.1.7 / 6.2 / 5.5	What are the Companies going to do about riparian management along the Peace River Valley?
4.1.7	Does the percentage of watershed cut incorporate additional industrial users?
7.0 / 8.0 / 9.0 / 8.6	Who determines whether or not the percentage watershed cut is adequate?
4.1.7 / 7.0 / 8.0 / 9.0 / 8.6	How do the goals and objectives deal with maintaining ecological processes in regards to riparian areas and their functions, water quality, natural filters, and fish populations?
4.1.7 / 6.2	Should harvesting be allowed, to a varying degree, inside watercourse buffers (as per the ground rules)?
5.10	Do the understorey management and protection guidelines only include commercial species?

DFMP	Summary of Input/Issue/Concern
5.20 / 4.1.2 / 5.2 / 9.2	Is there a need to address 3-pass harvest system in operations? What are the Companies doing to increase utilization of fibre and reduce waste?
5.1 / 5.2 / 4.1.3 / 4.3.1 / Appendix A	Should roadside buffers be looked at in much the same way as watercourse buffers?
Although the scope of this plan is limited to the FMA only, the Companies ensure that their Contractors are consistent in their operating practices while following the appropriate provincial and federal rules and regulations.	Do the Companies have the same harvesting policies on reserve land as compared to Crown land?
5.20 / 4.3.2 / 4.1.3 / 4.5.1	What are the Companies doing about access management and line-of-sight issues?
Following the completion of operations, access routes are de-activated through reclamation activities while recognizing the interests and needs of other stakeholders in the area. (5.1 / 5.2 / 5.5)	The Companies should decommission roads so they do not become traditional access roads.
5.20 / 4.3.2	Does roadside harvesting create higher access to wildlife for hunters?
5.20 / 4.3.2 / 4.3 / Appendix A	Access roads should be hidden from main roads and reclaimed well sites.
6.2	What will be done about operational concerns such as slopes and isolated stands?
4.3.2 / 5.13.3	Safety on log haul. Concerns regarding speeding, driving across the center line, stopping on the side of the road, wrapper checks, dropped logs.
4.3.2 / 5.13.3	Placard # needs to be situated in the same place on all trucks.
4.1.1 / 6.2	Concern over the success rate of reforestation efforts in the region, and what will be done with areas that have not been successfully regenerated.
5.8	Concern over the rate of forest removal and the rate of renewal.
5.8	What are the Companies reforestation obligations?
5.6.3	Will the Companies use seed orchards and genetically improved seedlings?
Although this issue was not incorporated into the document, any knowledge gained through our participation in a variety of committees and research projects will be incorporated into future management plans through adaptive management.	Spraying of herbicides in the forest—how does this impact other plant species, insects, food sources for animals, and other silvicultural standards in the forest?
5.6.1 / 5.7	How are site preparation methods and determinations made?

DFMP	Summary of Input/Issue/Concern
Although this issue was not incorporated into the document, any knowledge gained through our participation in a variety of committees and research projects will be incorporated into future management plans through adaptive management.	How will we bring cumulative impacts on the land base to the forefront for resolution?
6.1.1	On land use dispositions brought back into the productive land base, what yield curves will these areas be put on?
5.12	Do the Companies salvage from all seismic lines, and are these areas reclaimed with trees?
2.1 / 2.2.2 / 4.2 / Appendix A	Are traditional values incorporated into planning?
2.1.3 / 4.2.3	What is being done about First Nations' employment and economic opportunities?
2.1	Phrase "Traditional Use" is used very loosely, and that term needs to be examined and defined.
5.1 / 2.1 / 4.2.1	Concern that it is too difficult to obtain information on traditional use areas because of the possible financial benefits that may be obtained through the knowledge of knowing where medicinal plants may be in these areas.
2.1 / 4.3.1 / Appendix A	How will public inputs be addressed in the Special Management Area?
2.1 / 2.2	Relationship with First Nations. Are there special agreements or special procedures for harvesting on reserve land?
2.1 / 2.2.3 / 4.2	Concern about lack of input from the Aboriginal communities.
5.21 / 4.2.1	How will the Companies address archaeological sites?
2.6.2 / 4.3.1 / 5.1 / 5.2 / Appendix A	How will the Companies deal with trappers and their trap lines? Will there be notifications, consultation, and reimbursements?
4.1.2 / 8.5 / 9.1.2 / 9.2 / Appendix H/E	Do the Companies know the effect of harvesting on trapping areas and loss of wildlife habitat?
4.3 / 5.1 / 5.2 / Appendix A	How do the Companies recognize local events, politics and legislation and their need to guide strategies and objectives (James Creek budworm)?
4.3.1 / 4.1.2 / Appendix A	What are the current policies that the Companies have with regard to public input and the opportunity people have to share the locations of areas of interest?
1.4 / 1.5 / 4.3.1 / 7.0 / 9.2 / Figure 9-1 / Appendix A	What information will go into the DFMP? What role will the Public Advisory Committee play in developing this plan?
This issue was not incorporated as it was not considered within the scope of the plan.	Was there any thought given to the social impact studies completed and the impact of the new mill on lower income people?

DFMP	Summary of Input/Issue/Concern
Although the Companies recognize Society, issues regarding the Hungry Bend Sandhills were not incorporated as it was considered out of the scope of this plan.	Are the Companies aware of the issues with regards to the Hungry Bend Sand hills Wilderness Society?
Appendix A	Sticker needs to be developed with the Forestry Hotline phone number on it for easier access.
1.4 / 4.3.1 / Appendix A	There is a concern that the working groups will make uninformed decisions. These groups may lose sight of some important issues because they are unaware of them.
7.0 /8.0 /9.0	Explain in layman's terms, the DFMP and its influence on this resource.
4.2.3	There is a need for educational opportunities to learn about mills and potential job opportunities.
4.2.3 / 4.4 / 4.5	Would like to see further employment and economic development.
5.11 / 5.13 / 5.15 / 5.20 / 4.1.2 / 4.1.7 / 4.1.9/ 9.4	Concern about the lack of research in our region.
4.5.1 / 4.2.2	Will the Companies be doing anything such as maintenance and/or generating tourism in the region (for example, sponsorship of ski trails, campgrounds and trails)?
4.3.3 / 5.19 / 4.2.3	Are the Companies doing anything with regards to career opportunities in the industry and/or northern training programs?
This issue was not incorporated as it was not considered within the scope of the plan.	Why can't the landowner harvest their private land?