

Sustainable Forest Management

Annual Review of Performance to
Indicators and Targets
2006-2007 reporting period

Public Advisory Committee
February 5, 2008

Outline

- 32 Commitments which the companies are measured against, plus others.
 - Approved DFMP
 - Sustainable Forest Management Plan
- In this presentation 17 commitments will be covered.
- Remaining 15 (and other items) will be covered at the March meeting.

Outline (cont'd)

- Commitment #
- Objective, Indicator and Target
- Discussion, chart, table
- Plan for go forward if target was not achieved



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#3: Area of Ecological Significance

- **Objectives:** Maintain areas of ecological significance.
- **Indicators:** Area (ha) removed from the productive landbase to incorporate areas of ecological significance.
- **Targets:** Peace River Islands & Ponton River Corridor removed from the productive landbase during the calculation of the Annual Allowable Cut (AAC). No variance is acceptable.
- No activities within these areas
- VOIT will be revisited for the 2008 amendments to the SFM Plan
- Provide opportunity for improvement



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#8: Wildlife Zones

- **Objective:** To incorporate the needs of wildlife into operational planning to minimize the effects of operations on wildlife populations.
- **Indicator (of 4): 4.** ASRD approved operational plans in critical wildlife zones.
- **Target (of 6): 6.** 100% compliance with operational plans.
- **Caribou Protection Area:** BT4, BO2, RW5, SN2/3/4
- **Ungulate Winter Range:** BT4, RW5, SN4, WA6 and WN5
- **Companies:** Tolko, FFP, LaCrete and PLP.



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#9: Orchard Stock

- **Objective:** To ensure that cutblocks are reforested with genetically diverse seedlings.
- **Indicator (of 2): 1.** The amount of area (ha) planted with seedlings from orchard stock.
- **Target (of 2): 1.** <25%(+/-5%) of the area harvested in the DFA will be planted with seedlings from orchard seed.
- **No orchard stock was used during the 2006 planting season.**



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#11: Areas of Biological Significance

- **Objective:** To identify and protect areas of biological significance.
- **Indicator:** Final Harvest Plans (FHP) which identify protection mechanisms for areas of biological significance.
- **Target:** 100% compliance with strategies outlined in FHPs to protect areas of biological significance.
- During the 2006-2007 harvest season, no activities occurred in proximity to areas of biological significance that would have required special protection strategies.



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#12: Watt Mountain Natural Area

- **Objective:** To protect the unique features within the area identified as the Watt Mountain Natural Area (WMNA).
- **Indicator:** Annual Operating Plans which outline operational strategies to mitigate impacts to the WMNA.
- **Target:** 100% compliance with strategies outlined in AOP's for the WMNA to protect areas of biological significance.
- During the 2006-2007 harvest season, there were no harvesting and/silvicultural operations near the Watt Mountain Natural Area.



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#16: Rutting Disturbance

- **Objective:** To minimize the effects of timber harvesting and/or silvicultural operations on soil productivity.
- **Indicator: (of 3)** 2. Rutting Disturbance
- **Target: (of 3)** 2. Rutting should not exceed 2% of the total area harvested.
- 1 occurrence of rutting along seismic line used as access to block
- Reclamation occurred
- Handled within EMS system as EIR.
- Overall, the target was achieved.



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#17: Soil Productivity

- **Objective:** To minimize the effects of timber harvesting and/or silvicultural operations on soil productivity.
- **Indicator: (of 3)** 3. Soil Productivity
- **Target: (of 3)** 3. Timber productivity in managed stands is equal to or greater than unmanaged stands.
- Growth and Yield program established:
 - 35 Permanent Sample Plots (natural)
 - 28 Plantation Permanent Sample Plots (managed)
- 1st year of establishing permanent plots



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#19: Buffer Zone Compliance

- **Objective:** To minimize the effects of timber harvesting and/or silvicultural operations on water quantity and/or quality.
- **Indicator (of 3):** 2. Amount of area and forest cover in riparian zones and along watercourses.
- **Target (of 3):** 2. 100% compliance with approved riparian buffers as outlined in an approved AOP.



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Buffer Infractions

Company	Number of Harvest Areas	Occurrences of Buffer Infractions
Tolko Industries Ltd.	264	1
Footner Forest Products Ltd.	65	1
LaCrete Sawmills Ltd.	28	1
Precision Lumber Inc.	2	0
Ridgeview Mills Ltd.	-	-
Che K'Li Enterprises Ltd.	-	-
Dasihowa-Marubeni International Ltd.	-	-
Netaskinan Development Corp.	16	0
Totals	375	3



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Corrective Action Plan

- Development of Field Expectations Booklet
- Improve boundary layout
- Further instruction



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#24: Cut Control

- **Objective:** To provide a continuous supply of timber while balancing log profile and distance to mill at or below the approved Annual Allowable Cut (AAC).
- **Indicator:** Volume (m³) harvested during the 5-year cut control period.
- **Target:** Harvest the approved AAC (+/-10%) over the 5-year cut control period.



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Periodic Cut Control - FMA Holders

		2003/04	2004/05	2005/06	2006/07	2007/08	2003-2007
Coniferous	Quadrant Target Tolko	1,117,484	1,117,484	1,117,485	1,367,485	1,367,485	4,719,938
	Production to Date	853,037	1,083,142	1,091,618	1,264,406	TBD	4,292,203
Deciduous	Quadrant Target FFP	701,357	701,357	701,357	701,357	701,357	2,805,428
	Production to Date	370,667	492,869	651,913	506,977	TBD	2,022,426



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Periodic Cut Control – Quota Holders

		2003 / 04	2004 / 05	2005 / 06	2006 / 07	2007 / 08	2003 / 07
DTAF260006	Quadrant Target DMI **	235,438	235,438	235,439	133,898	133,898	840,213
	Production to Date	0	34,155	0	76,111	TBD	110,266
DTAF260002	Quadrant Target Ridgeview	26,416	26,416	26,416	26,416	26,416	105,664
	Production to Date	0	0	79,248	18,288	TBD	97,536
DTAF260003	Quadrant Target Netaskinan	33,838	33,838	33,838	30,000	30,000	131,514
	Production to Date	85,562	7,375	8,577	0	TBD	101,514
DTAF260004	Quadrant Target Netaskinan	50,503	50,503	50,504	50,000	50,000	201,510
	Production to Date	3,867	37,569	110,074	35,478	TBD	186,988
DTAF260001	Quadrant Target Precision	26,416	26,416	26,416	26,416	26,416	105,664
	Production to Date	0	28,218	0	16,369	TBD	44,587
DTAF260005	Quadrant Target Che K'Li	3,716	3,717	3,717	2,230	2,230	13,380
	Production to Date	10,302	0	0	0	TBD	10,302



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#25: Historical Resources

- **Objective:** To conduct operations while minimizing impacts on historical, recreational, unique ecological, aesthetic, or other land uses of significance.
- **Indicator (of 3):** 1. Compliance with the Historical Resources Act
- **Target (of 3):** 1. 100% compliance with the Historical Resources Act
- Historical resources screening by Alberta Western Heritage.
 - Identify potential conflicts with existing or predicted historical resource site locations
- Fieldwork started July 6th, 2006.
- All operations in compliance with Historical Resources Act



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#26: Landbase to incorporate aesthetics

- **Objective:** To conduct operations while minimizing impacts on historical, recreational, unique ecological, aesthetic, or other land uses of significance.
- **Indicator (of 3):** 2. Area (ha) removed from productive landbase to incorporate aesthetics.
- **Target (of 3):** 2. Ponton River Corridor and Peace River Islands removed from the productive landbase during the calculation of the AAC.
- Removed from land base in previous DFMP
- No activities within this area in 2006-2007



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#27: Stakeholder Input

- **Objective:** To conduct operations while minimizing impacts on historical, recreational, unique ecological, aesthetic, or other land uses of significance.
- **Indicator (of 3):** 3. Forest Management Plans (FMP) which incorporated the needs of other stakeholders.
- **Target (of 3):** 3. Reasonable efforts have been made to incorporate the needs of other stakeholders in FMPs.
- Communication module on the companies Environmental Management System website has records of all communications with stakeholders including: O&G, trappers, First Nations, Recreational groups, general public, and Loggers
- Depending on nature of communication, notifications were provided to staff to act on item



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#28: Opportunities

- **Objective:** To support local and Aboriginal businesses where economically feasible.
- **Indicator:** The number (%) of business and employment opportunities given to local employers and/or citizens.
- **Target:** The target is to have >80% of the contracts administered by the companies on the DFA completed by local businesses.



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#28: Opportunities

Disposition Holder	Employment Category	Number of Contracts Administered	Number Administered Locally	% Local
Tolko Industries Ltd.	Harvesting / Load & Haul	30	30	100%
	Field Services	5	4	80%
	Silviculture*	14	7	50%
	Administration	9	7	78%
Totals		58	48	82.8%
Footner Forest Products Ltd.	Harvesting / Load & Haul	63	63	100%
	Field Services	16	13	81.2%
	Silviculture	2	2	100%
	Administration	0	0	N/A
Totals		81	78	96.3%



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#29: Agreements

- **Objective:** To schedule harvest activities to meet contractual obligations.
- **Indicator:** The number of Business and Wood Supply Agreements (WSA's) with local tenure holders and processing facilities.
- **Target:** 100% adherence to contractual obligations and agreements.



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Agreements 2006-2007

- Tolko
 - La Crete Sawmills Ltd.
 - Precision Lumber Products Inc.
 - Little Red River Cree Nation
 - Dene Tha First Nation (Zama Mills Ltd.)
 - Netaskanin Development Corporation
 - Crestview Sawmills Ltd.
- FFP
 - LaCrete Sawmills Ltd.
 - Little Red River Cree Nation
 - Dene Tha First Nation
 - Paddle Prairie Metis Settlement
 - Netaskanin Development Corporation
 - Ridgeview Mills Ltd.
 - Precision Lumber Products Inc.



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#30: Aboriginal Consultation

- **Objective:** To incorporate and continue a public involvement plan.
- **Indicator:** Percentage of aboriginal communities that are consulted annually regarding operations.
- **Target:** The Companies will seek input and/or representation from each of the Aboriginal communities affiliated with the North Peace Tribal Council and Paddle Prairie Metis settlement regarding operational planning and/or participation in advisory groups. No variance is acceptable.
- Open Houses, (attendance):
 - Assumption (3)
 - North Tall Cree (2)
 - South Tall Cree (0)
 - Paddle Prairie (0)
 - John D'Or Prairie (2)
 - Fox Lake (3)
 - Bushe River (11)
 - Boyer River (4)
 - Meander River (10)



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#31: Public Participation

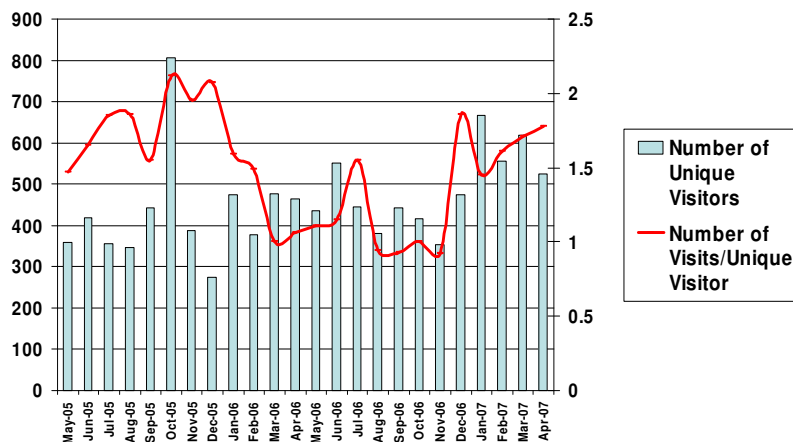
- **Objective:** To develop and implement a public participation process that meets the needs of the public and stakeholders while meeting the CSA requirements.
- **Indicator:** The number of different opportunities and mechanisms for public input and the level of participation in each component.
- **Target:** The Companies will implement a number of mechanisms for public participation according to the CSA Z809-02 guidelines.
- Public Advisory Committee
 - Special Speakers
- Open Houses
- Website
- Newspaper articles / Ads



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Website Statistics



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#32: Forestry Awareness

- **Objective:** To increase knowledge and awareness of forest management planning and operations.
- **Indicator:** The number of different opportunities and mechanisms used to increase awareness of forestry.
- **Target:** Continual improvement in the number of mechanisms used.



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#32: Forestry Awareness

Categories	Timber Year			
	2003/04	2004/05	2005/06	2006/07
NLFES	1	1	1	1
Forestry Week	1	1	1	1
Presentations	3	10	5	9
Tours	1	5	6	10
Surveys	0	1	0	1
Audits	0	1	1	1
Did you Know? Articles	0	1	1	0
Career Fair Attendance	0	0	1	4
Forest Education Materials	0	0	1	1
SUM	6	20	17	28



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Next meeting to review

- #1: Adherence to Spatial Harvest Sequence
- #2: Covertypes
- #4: Age Class Distribution
- #5: Habitat Availability
- #6: Vertical and Horizontal Retention
- #7: Coarse Woody Debris
- #10: Compliance with Seed Zones
- #13: Volume from Budworm areas
- #14: Salvage from natural disturbance
- #15: Road Disturbance
- #18: Water Resources – Adherence to SHS
- #20: Watercourse Crossings
- #21: Reforestation Activities
- #22: Area identified as being SR
- #23: Forested area on DFA



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Questions?



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