

Sustainable Forest Management

Annual Review of Performance to
Indicators and Targets
2007-2008 reporting period
Part 2/3

Public Advisory Committee
December 2, 2008

Outline

- 32 Commitments which the companies are measured against, plus others.
 - Approved DFMP
 - Sustainable Forest Management Plan
- In this presentation 6 commitments will be covered.
- 16 Commitments were reviewed at the November PAC meeting. Remaining 10 Commitments to be covered when data is available.

Outline (cont'd)

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



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#10: Compliance with Seed Zones

- **Objective:** To ensure that cutblocks are reforested with genetically diverse seedlings.
- **Indicator:** Native seed used in operational reforestation will be best suited to the area being reforested.
- **Target:** Seed deployment will comply with ASRD guidelines for seed movement.
- 6 seedling requests made
- 5 approvals granted
- Was not able to move seedlings: another solution found



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#14: Salvage from natural disturbance

- **Objective:** To minimize the effects of fire and other natural disturbances on forest health and productivity on the DFA.
- **Indicator:** Productive landbase that is harvested and reforested following natural disturbance.
- **Target:** >50% of the salvageable area will be harvested and reforested over a 5-year period.
- During 2007 fire season:
 - 154 fire recordings
 - Range in size from <0.001 ha to 18.8 ha
 - Average: 2.7 ha
 - Median: 1.02 ha
 - Mode: <0.001 ha
 - Total: 415 ha's
- 167 ha (40%) on productive landbase
- 2007-2008 layout program included <20ha for future harvesting
- Since 2003, 6082.1 ha burned (1693.3ha productive) with no salvaging to date



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#20: Watercourse Crossings

- **Objective:** To minimize the effects of timber harvesting and/or silvicultural operations on water quantity and/or quality.
- **Indicator:** Satisfactory installation and removal of watercourse crossings.
- **Target:** 0% (<=5%) of the Companies watercourse crossings will require reclamation work following removal.
- No reclamation work was required for any watercourse crossings



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#22: Area identified as being SR

- **Objective:** To ensure that harvested areas are promptly reforested to maintain carbon recycling.
- **Indicator:** Area identified as being Satisfactorily Restocked (SR).
- **Target:** 100% of the harvested area will meet the applicable regeneration standard with an acceptable variance of <=5% of the area harvested over a 5-year period.



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#22: Area identified as being SR

2007 Survey Program							SR: 89.6%	NSR: 10.4%
Licence	# Blocks	Area	Area SR		Area NSR		Future Plans	
			# Blocks	Area	# Blocks	Area		
CA402	26	379.7	25	373.1	1	6.6	Re-survey 2009	
CA502	16	125.1	12	64.7	4	60.4	Re-survey 2009	
FMA120001	26	893.7	26	893.7	0	0		
FMA120003	100	1643.9	96	1553.4	4	90.5	Re-survey 2009	
FMA150002	13	311.2	9	156.7	4	154.5	Re-survey 2008	
FMA150003	23	244	22	234.6	1	9.4	Re-survey 2008	
FMA150004	13	316.4	12	311.9	1	4.5	Re-survey 2008	
CTLF020015	6	67.4	5	59.1	1	8.3	Re-survey 2009	
FMA9600031	5	63.4	5	63.4	0	0		
FMA210002	64	1227.3	59	1120.7	5	106.6	2 Blocks burned will fill plant in 2008. 3 NSR blocks will be re-surveyed 2009.	
CTLF140018	39	613.4	37	603.4	2	10	Re-survey 2008	
CTLF140020	23	367.9	22	364.7	1	3.2	In 2008 will seek area reduction due to non productive conditions.	
F11	9	305.60	9	305.60	0	0		
CTLF070009	1	4.20	1	4.20	0	0.00		
CTLF090012	2	11.5	1	1.2	1	10.3	In 2008 will seek area reduction due to non productive conditions.	
CTLF100009	1	2.3	1	2.3	0	0		
FMAF020003	12	399.4	12	399.4	0	0		
CTLF010001	5	46.6	4	31.7	1	14.9	LCSM will re-survey in 2009.	
CTLF030014	2	16.8	2	16.8	0	0		
CTLF010023	43	620.5	23	301	20	319.5	LCSM Performance blocks NSR blocks will have re-survey in 2010.	
	429	7,660.3	383	6,861.6	46	798.7		



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#22: Area identified as being SR

History of SR since start of commitment:

- 2003-2004: 99.08%
- 2004-2005: 98.97%
- 2005-2006: 97.2%
- 2006-2007: 86.6%*
- 2007-2008: 89.6%* (Tolko only)

- * resurveys planned or activities to rectify



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#23: Forested area on DFA

- **Objective:** To maintain or increase the amount of forested land on the DFA.
- **Indicator:** Amount of non-forested area (ha) on the DFA.
- **Target:** Decrease the total area currently identified as non-forested.
- 3 wellsites planted with a total of 5,400 seedlings.
 - 3 ha's
- Continue to reforest in-block seismic lines as part of annual planting program
- Meetings with O&G to attempt to mitigate impacts to landbase



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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	23	21	91%
	Field Services	14	12	86%
	Silviculture*	12	6	50%
	Administration	11	9	82%
Totals		60	48	80%
Footner Forest Products Ltd.	Harvesting / Load & Haul	79	79	100%
	Field Services	2	0	0%
	Silviculture	0	0	N/A
	Administration	0	0	N/A
Totals		81	79	97.5%



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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
- #13: Volume from Budworm areas
- #15: Road Disturbance
- #18: Water Resources – Adherence to SHS
- #21: Reforestation Activities
- & other commitments



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Questions?



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