

Sustainable Forest Management

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

Public Advisory Committee
June 2, 2009

Outline

- 32 Commitments which the companies are measured against, plus others.
 - Approved DFMP
 - Sustainable Forest Management Plan
- In this presentation 5 commitments will be covered.
- 22 Commitments were reviewed at Nov/Dec 2008 meetings. Remaining 5 Commitments to be covered in final report.

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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#4: Age Class Distribution

- **Objective:** Provide an age class distribution that maintains older age classes.
- **Indicator:** Percentage (%) of the forested landbase represented in older age classes.
- **Target:** The target indicates that >10% of the forested landbase to be maintained in older age classes. In addition, the Companies will determine the Natural Range of Variability (NRV) before the next Detailed Forest Management Plan (DFMP).



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#4: Age Class Distribution

- **Gross Landbase:** *2,733,002 hectares*
 - 334,056 hectares, >120 years
 - 12.05%
- **Net Landbase:** *1,756,522 hectares*
 - 177,109 hectares, >120 years
 - 10.08%



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#5: Habitat Availability

- **Objective:** To incorporate the needs of wildlife into operational planning to minimize the effects of operations on wildlife populations.
- **Indicator:** Habitat availability for representative and unique species.
- **Target:** 1) Complete an analysis on habitat availability for selected species on the DFA. 2) Involve the public in identifying additional species to be included in future analyses.
- Analysis for habitat availability completed with current DFMP
 - Adherence to SHS within acceptable thresholds meant operations meeting habitat availability requirements
 - Variance Report is delayed due to staffing changeover
 - New habitat availability analysis will be completed with new DFMP
- Upon review of the Species at Risk Act the Wolverine (western populations) is a species of special concern on the DFA. This species will be added to the Expectations Booklets for the 2009-2010 season.



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#6: Vertical and Horizontal Retention

- **Objective:** To incorporate the needs of wildlife into operational planning to minimize the effects of operations on wildlife populations.
- **Indicator:** Amount of vertical and horizontal diversity retained in cutblocks.
- **Target:** 1) A minimum of 1% of the merchantable coniferous and deciduous volume will be retained during harvest operations. 2) A minimum of 5% of the harvested area to be retained as residual material.

Company	% Patch Area Retained	% Conifer Volume Retained	% Deciduous Volume Retained
Tolko	5.18	1.51	8.44
FFP	0.00	0.00	0.00
LaCrete	8.19	1.73	20.83
Netaskanin	0.00	0.00	0.00
Precision	0.00	0.00	0.00
Total	5.56	1.54	10.22



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#13: Volume from Budworm areas

- **Objective:** To minimize the impacts of insects and disease on the DFA.
 - Total block area harvested:
 - 5479 hectares
- **Indicator:** Annual harvest (%) from areas identified as being infested by spruce budworm or other insects and disease.
 - Spruce Budworm affected area harvested:
 - 3544 hectares
 - Total % of area cut within SBW area:
 - 64.7%
- **Target:** A minimum of 15% of the coniferous volume harvested during the first 5-year period will come from areas infested by spruce budworm.
 - (Volume to be made available in report.)



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#21: Reforestation Activities

- **Objective:** To ensure that harvested areas are promptly reforested to maintain carbon recycling.
- **Indicator:** Reforestation activities.
- **Target:** Where the Companies have maintained silviculture liability, reforestation activities will be completed within 2 years of the harvest date.



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#21: Reforestation Activities

2006/07 Harvest Areas May 1, 2006 to April 30, 2007				2007 Planting Summary May 1, 2007 to October 1, 2007				2008 Planting Forecast May 1, 2008 to October 1, 2008			
Operator	Licence	# Blocks	Area	Licence	# Blocks	Area Planted	Tree Planted	Licence	# Blocks	Area Planted	Tree Planted
Tolko	Zama 1	67	1,222.5	Zama 1	67	1222.5	2,193,356	Zama 1			Complete
Tolko	Watt 6	2	78.6	Watt 6	0	0	-	Watt 6	2	78.6	145,530
Tolko	Bassett 4	39	713.2	Bassett 4	36	696.5	1,111,629	Bassett 4	3	16.7	29,160
Tolko	Bistcho 2	51	912.7	Bistcho 2	54	928.6	1,614,798	Bistcho 2			Complete
Tolko	Negus 5	15	289.1	Negus 5	15	289.1	468,438	Negus 5			Complete
Tolko	Rainbow 5	31	554.2	Rainbow 5	19	322.7	529,872	Rainbow 5	12	231.5	418,635
Tolko	Steen 2	26	662.7	Steen 2	25	661.2	1,128,776	Steen 2	1	1.5	
Tolko	Steen 3	8	137.8	Steen 3	8	137.8	245,421	Steen 3			Complete
Tolko	Steen 4	3	21.4	Steen 4	3	21.4	32,940	Steen 4			Complete
Precision	Wabasca 6	10	183.1	Wabasca 6	9	153.1	209,036	Wabasca 6	1	30	54,070
LCSM	Wadlin 5	28	654.2	Wadlin 5	33	690	1,010,307	Wadlin 5			Complete
Tolko	Watt 4	47	811.6	Watt 4	47	611.6	1,022,872	Watt 4			Complete
Total		327	6,041.1	Bassett 3	1	11.6	21,867	Total	19	358.3	647,395
Total				Total	317	5746.1	9,589,110.0				



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#21: Reforestation Activities

Two Year Treatment Summary											
2007/08 Harvest Areas May 1,2007 to April 30, 2008				2008 Planting Summary May 1,2008 to October 1,2008				2009 Planting Forecast May 1,2009 to October 1,2009			
Operator	License	# Blocks	Area	License	# Blocks	Area Planted	Tree Planted	License	# Blocks	Area Planted	Tree Planted
Tolko	Bischo 2	29	993.7	Bischo 2	26	914.1	1,605,590	Bischo 2	3	79.6	
Tolko	Hay 4	34	264.6	Hay 4	34	264.6	462,628	Hay 4		Complete	
Tolko	Ponton 3	1	24.3	Ponton 3	1	24.3	40,230	Ponton 3		Complete	
Tolko	Negus 3	11	485.5	Negus 3	11	485.6	720,902	Negus 3		Complete	
Tolko	Steen 1	5	72.0	Steen 1	5	72	110,019	Steen 1		Complete	
Tolko	Steen 2	23	755.5	Steen 2	24	757	1,259,331	Steen 2		Complete	
Tolko	Watt 2	1	23.3	Watt 2	1	23.3	35,775	Watt 2		Complete	
Tolko	Watt 1	30	428.1	Watt 1	26	388.5	749,088	Watt 1	4	39.6	
Tolko	Zama 4	40	751.3	Zama 4	40	751.3	1,207,172	Zama 4		Complete	
Tolko	Zama 7	42	829.8	Zama 7	42	829.8	1,409,796	Zama 7		Complete	
Tolko	Wadlin 5	1	10.0	Wadlin 5	0	0	0	Wadlin 5	1	10	
LCSM	Wadlin 5	5	56.6	Wadlin 5	2	56.6	76,245	Wadlin 5		Complete	
LCSM	Wabasca 6	46	676.3	Wabasca 6	46	676.3	1,081,435	Wabasca 6		Complete	
	Total	268	5,370.0	Total	1	30	54,070	Total	8	129.2	
				Rainbow 5	12	231.5	418,635				
				Bassett 4	3	16.7	29,160				
				Watt 6	2	78.6	145,530				
				Zama 1	1	111.7	205,314				
				Steen 6	2	9.6	17,010				
				Total	279	6720.5	9,629,330.0				



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Questions?



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