

**CSA - TFL30****Public Advisory Group Meeting**

April 22, 2006, 9:00 pm – 3:00 pm  
Coast Inn of the North – Hedrick Room

**Minutes**

## Attendance:

<p><i>Public Advisory Group:</i> Betty Abbs – Local Community Doug Beckett – Public Interest Jo Graber – Historical/Cultural Dave Kim – Forestry Contractor - General Dave King – Recreation (non-commercial) Anne Migvar - Agriculture/Ranching Adrien Voyer – Hunting, fishing (recreational)</p>	<p><i>CSA Advisors:</i> Kerry Deschamps – Canfor Len Stratton – BCTS Antti Makitalo – Forest Ecosystem Solutions</p>
<p><i>Facilitator &amp; Scribe:</i> Roxanne Yanishewski (R. Yanishewski &amp; Associates)</p>	<p><i>Observers:</i></p>

**A. Welcome & Introduction**

1. Members signed in.
2. Introductions
3. Meeting evaluation results for March 25, 2006 meeting reviewed.
4. Confirmed agenda.
5. Minutes of the March 25, 2006 meeting accepted with one correction – “Len Shankel - BCTS” corrected to read “Len Stratton - BCTS.”

**B. Presentation on SFM Indicator Forecasting for TFL30 (Antti Makitalo)**

1. NSR” refers to “Not sufficiently restocked.” This refers to areas that have just been cut and not yet planted or there is natural re-growth but it is not meeting the required proportions of tree species.
2. The TFL30 consists mainly of old forest and very young forest (less than 20 years old).

3. Parts of the non-contributing landbase can become part of the harvesting land base and vice versa. Some areas of the non-contributing landbase cannot become part of the harvesting land base because they are parks, ecological reserves, etc.
4. When finding area to apply various values, e.g., rare species habitat, planners usually go to the non-contributing landbase before drawing from the harvesting land base.
5. Most of the harvesting in TFL30 has occurred in the south-western areas which are closer to town, have better timber quality, and are easier to build roads within.
6. Canfor has assessed the rate of growth (site index study) and types of tree species on the TFL30 and shown that trees on the TFL are growing faster than originally estimated. The province's Chief Forester has revised its Allowable Annual Cut to reflect this and the Mountain Pine Beetle epidemic in other areas. (Because the TFL30 is mainly populated with spruce, it is minimally affected by the Mountain Pine Beetle infestation.) As a result, Canfor is reducing its cut on the TFL30 in the near future, but will increase it in the future to levels above what it was before. BCTS' cut will not be reduced.
7. Nine scenarios were forecasted:
  - a. Scenario 1: Base Case 1 – Current management.
  - b. Scenario 2: Base Case 2 – Late seral by merged BEC. (Relies on Craig Delong's definitions of Old Forest, i.e., more forest required to meet Old Forest targets.)
  - c. Scenario 3: Enhanced Biodiversity 1 – Double base case 1 mature plus old growth targets, 7% WTP.
  - d. Scenario 4: Enhanced Biodiversity 2 – Use minimum NRV as target for late seral, 7% WTP.
  - e. Scenario 5: Enhanced Biodiversity 3 – Use mid point of NRV as target for late seral, 7% WTP.
  - f. Scenario 6: No Harvest – no harvest, natural disturbance on NHLB and THLB.
  - g. Scenario 7: Low Resilience of Ecosystems – reduce volume growth by 20%, higher old age (20%).
  - h. Scenario 8: Maximize Timber Production – No Visual Quality Objectives (VQO) or old growth constraints, 10% increase in yield.
  - i. Scenario 9: Increased Other Non-Timber values – VQO objectives higher, double riparian reserves.
8. Discussion on forecasting scenarios:

- a. Visual Quality Objectives are often set to meet recreational and human needs, for example, avoiding putting cut blocks along highways and communities, and hillsides near highways and communities.
- b. None of the scenarios consider climate shifts as too little is known about climate change generally or how it affects each ecosystem.
- c. Scenario 2 uses Craig DeLong’s classifications. It results in a lower level of cut than the Enhanced Biodiversity 1 scenario.
- d. Forests tend to be of a consistent age or seral stage. However, society has decided to harvest steadily for socio-economic decisions, rather than moving in to harvest for 50 years and then leaving again for 100 to 150 years again until the forests are mature. However, foresters are still learning how to mimic nature’s natural disturbance patterns.
- e. Changes in the high wet old forests tend to happen gradually rather than suddenly, that is, not all the trees in a stand are of the same seral stage. Some old trees are always falling apart and younger ones growing up in their place.
- f. In the scenario, “Reduced Ecosystem Resilience,” the losses to Mountain Pine Beetle were very large (compared to the Base Case 1) if the MPB were not harvested.
- g. To assure that Old Forest targets are met, foresters are identifying areas that meet Mature and Old Forest targets now and that will meet these targets in the future.
- h. If Biodiversity is enhanced, there will be fewer jobs in forestry (direct employment) and its supporting industries and businesses (indirect employment); however, the possible increase in non-forestry related jobs, for example, eco-tourism, is unknown.

9. The PAG would like to see a “Summary of Trends” by each of the 17 elements.

**C. PAG Decision on Forecasting Scenarios**

	Base Case 1	Base Case 2	Enhanced Biodiversity 1	Enhanced Biodiversity 2	Enhanced Biodiversity 3
# of PAG members	1	2	1	3	

1. Comments:

- a. Move towards Enhanced Biodiversity 2 and 3, or towards Enhanced Biodiversity 3, over the long term.
- b. Increase the amount of Old Growth Forest.

**D. Meeting Feedback (PAG questionnaire):** TFL 30 PAG questionnaire distributed, completed, and collected.

### E. Next meeting

1. Agenda:

- a. Provide comments on draft of TFL30 SFMP
- b. Review results of BCTS and Canfor's CSA registration audits

2. Time: 5:30 PM – 9:00 PM

3. Date: Thursday, June 15, 2006

4. Place: Prince George Civic Centre, Room 208

### F. Actions

ID#	ACTION	WHO	DEADLINE	STATUS
Jan 21 – 01	Respond to PAG recommendation C.1.a.	Kerry Deschamps	February 2, 2006	Completed. Addressed in the predictive modelling.
Jan 21 – 04	Follow up and report back on stand-level best practices standards.	Kerry Deschamps	February 2, 2006	Ongoing
Feb 4 – 03	Develop a value, objective, and/or indicator around the use of natural succession.	Kerry Deschamps	Spring 2006	Completed. Moved to CII Matrix – "Identify and document the rate of natural succession without interference by humans."
Feb 13 – 03	Review the current indicators to ensure they fall within the natural range of variance.	Kerry Deschamps	Spring 2006	
Feb 13 – 08	Investigate the possibility of an indicator that indicates the number of products and services related to various processing facilities.	Kerry Deschamps	Spring 2006	

Feb 13 – 09	Develop an indicator regarding minimal harvest level within the DFA.	Kerry Deschamps	Spring 2006	
Feb 13 – 10	Investigate the possibility of an indicator regarding the ratio of money Canfor pays directly to employees versus government.	Kerry Deschamps	Spring 2006	Ongoing
Mar 4 – 04	Develop an indicator addressing stream, non-classified drainage (NCD), and sub-surface water flow diversion.	Steering Committee	Spring 2006	Completed. Moved to CII Matrix.
Mar 4 – 05	Develop an indicator addressing stream drainage patterns.	Steering Committee	Spring 2006	Completed. Moved to CII Matrix.
Mar 25 – 01	Send Dave S. preferred research paper to Brad Sealy at UBC regarding Kimmons' carbon cycling modeling research.	Steering Committee	Spring 2006	
Mar 25 – 02	Provide more information on the UBC carbon cycling modeling research.	Steering Committee	Spring 2006	
Mar 25 – 03	Provide more information on how the UBC carbon cycling modeling research influences the timber supply model.	Steering Committee	Spring 2006	
Mar 25 – 04	Add to the Questionnaire under "Public Process:" Your satisfaction with progress on the CII Matrix.	Roxanne Yanishewski	April 22, 2006	Completed.
Mar 25 – 05	Review the timber forest product opportunities on the TFL and look at opportunities to encourage other timber products.	Kerry Deschamps	June 2006	
April 22 - 01	Determine why "Reduced Ecosystem Resilience" losses to Mountain Pine Beetle were very large (compared to the Base Case 1) if the MPB were not harvested.	Kerry Deschamps	June 2006	

April 22 - 02	Provide the multiplier figure used to determine the number of indirect jobs per direct employment in the forest industry.	Kerry Deschamps	June 2006	
April 22 - 03	Distribute Forecasting presentation and "Summary of Trends" listing all of the SFMP's elements.	Steering Committee	May 2006	