

**Tolko Industries / Gorman Bros. Lumber/  
BC. Timber Sales / Westbank First Nation  
Okanagan Operations**  
Sustainable Forest Management Plan

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**Annual Monitoring Report  
April 1, 2010 to March 31st, 2011**

*Released May, 2011*



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## 1.0 Background

Between May 2000 and March 2001, Weyerhaeuser, within the Okanagan and Boundary Timber Supply Areas (TSA's), worked with a dedicated group of public stakeholders to develop a Sustainable Forest Management (SFM) Plan. Members of the SFM Advisory Group reflected a cross-section of local interests including recreation, ranching, forestry, conservation, water, and community.

In late 2003 Tolko Industries committed to meeting the Plan on its operating area. The licensees and the SFM Advisory Group started implementing this new approach at the December, 2003 meeting. In January 2004 Tolko was an active participant and together with Weyerhaeuser embarked on a reallocation of harvest volumes and operating areas between the two companies. In the 2004 Monitoring Report the combined performance of Weyerhaeuser and Tolko was summarized on their revised operating areas within the Defined Forest Area (DFA). Further change occurred in 2006 with the addition of the Riverside Forest Products (now Tolko) legacy operating areas.

Gorman Bros. joined the Okanagan SFM process during the latter part of 2006, while British Columbia Timber Sales (BCTS- Okanagan/Columbia Business Area), became a full participant in the SFM process in 2008. In late 2009, Weyerhaeuser announced that it was withdrawing from the CSA-SFM process. In 2010 the Westbank First Nation (WFN) through its forest management company, Heartland Economics LP, became a full participating member of the SFM process. This 2010-2011 monitoring report includes information from the WFN for the first time.

The SFM Plan serves as a “roadmap” to current and long-term management in portions of the Okanagan, Boundary and Arrow TSA's; setting performance objectives and management strategies that reflect the ecological and social values of the DFA. It is consistent with the Okanagan-Shuswap Land and Resource Management Plan (LRMP) and the Kootenay Boundary Land Use Plan (LUP).

It is important to note that some of the collective results achieved cannot be meaningfully compared between the 2010 results and previous years due to of the significant changes to the DFA area and volumes harvested brought about by the withdrawal Weyerhaeuser and the addition of the Westbank First Nation. In addition, the Okanagan SFM Plan was completely re-written in the first half of 2010 to meet the new CSA Z809-08 SFM standards; some previous indicators have been completely removed while many new ones have been added.

## 2.0 Continual Improvement

The newly revised SFM Plan now contains 43 indicators of sustainable forest management (as compared to 35 in the previous version of the plan). Targets for these indicators are monitored annually by each participating licensee. The Annual Monitoring Report, prepared each spring, indicates whether performance measures for each of the indicators have been met. These reports are made available to the public via the Okanagan SFM Website [www.thompsonokanagansustainableforestry.ca](http://www.thompsonokanagansustainableforestry.ca) or via the specific licensee web sites:

- Heartland Economics LP <http://www.wfn.ca/heartlandec.asp>
- Tolko <http://www.tolko.com/index.php/sustainability/forest-certification/okanagan-woodlands>
- Gorman Bros. <http://www.gormanbros.com>
- BCTS (OK/Col unit) [http://www.for.gov.bc/areas/TOC certification.htm](http://www.for.gov.bc/areas/TOC_certification.htm)

The effectiveness of the SFM Plan is continually improved by reviewing the annual monitoring results. This review provides both licensees and the public with an opportunity to bring forward new information and to provide input concerning new or changing public values that can be considered for incorporation into future updates of the SFM Plan. Performance measures (indicators and targets) may also change as additional information becomes available.

## 3.0 Opportunities for Involvement

More information about Westbank First Nation, Tolko, Gorman Bros. and BCTS's sustainable forest management practices in the Okanagan, Boundary and Arrow TSA's (including a copy of the SFM Plan) is available to the public. If you would like more information, wish to be further involved, or desire to know more about the annual performance results, please contact any of the following:

|                              |                                      |                |
|------------------------------|--------------------------------------|----------------|
| <b>Westbank First Nation</b> | Grant Thompson, RPF                  | (250) 768-5617 |
| <b>Tolko</b>                 | Rob Kennett, RPF or Paul Ross, RPF   | (250) 547-2111 |
| <b>Gorman Bros.</b>          | Kerry Rouck, RPF or Randy Hardy, RPF | (250) 768-5131 |
| <b>BCTS (OK/Col. BA)</b>     | Dave Gill, RPF                       | (250) 558-1700 |

Additionally, a Sustainable Forest Management Website for the Okanagan Plan was established in 2008. This website contains considerable supplemental information about

the CSA-SFM process as well as downloadable versions of current and historic plans and reports. See link at the bottom of this page.

#### 4.0 Scope

The results included in this Monitoring Report represent operations on all tenures held by the four, full-participation, licencees within the Okanagan Timber Supply Area (TSA) as well as some voluntary results supplied by other Non-replaceable and Replaceable Forest Licence holders within the TSA. Results received from partial participants are identified as such within the detailed results section for each of the specific Indicators. A summary of all tenures where voluntary results were received in 2010 is supplied below.

**Table 4.1 - Reporting Tenures Not Directly Held by Participating Companies or BCTS.**

| Licence   | Held By<br>(Harvest Volumes Detailed in Indicator 15 Table)              |
|---|--|
| A79888  | Balcaen Consolidated Contracting   |
| A75423  | L.A. Stein Forestry Consulting Inc.                                      |
| A80628  | Yucwmenlocwu   |
| A84051  | Managed by Gorman Bros. on behalf of Osoyoos Indian Band (tenure holder) |
| FL A80260   | Managed by Tolko on behalf of West Bank First Nation (tenure holder)     |
| FL A80627   | Managed by Tolko on behalf of Upper Nicola Indian Band (tenure holder)   |
| FL A61108   | Monte Lake Forest Products   |
| <i>* The above tenures have not committed to achieving SFM targets (other than A80260, A80627, A84051), and report for information purposes only.</i> |  |

#### 5.0 Performance 2010 -2011

Environmental, social and economic performance is assessed according to the six criteria in the Canadian Standards Association (CSA) Sustainable Forest Management (SFM) Z809-08 Standard, and the Elements, Indicators and Targets which are derived from them. The following table (5.1) summarizes the relationship between the various components of the SFM Plan and this Monitoring Report:

**Table 5.1 - CSA SFM Criteria, Elements, Indicators and Targets**

| <b>SFM Criterion</b>   | <b>Elements</b> |  | <b>Indicators</b>                      | <b>Targets</b>                    |
|--|-----------------|--|--|-----------------------------------|
| <b>1. Conservation of Biological Diversity</b>                                       | 1.1             | Ecosystem Diversity  | 1.1.1, 1.1.2<br>1.1.3, 1.1.4<br>1.1.5  | 1, 2, 3, 4,<br>5, 6, 43           |
|  | 1.2             | Species Diversity  | 1.2.1, 1.2.2<br>1.2.3                  | 7, 8, 9, 10                       |
|  | 1.3             | Genetic Diversity  | 1.3.1, 1.3.2<br>1.3.3                  | 3, 7, 4                           |
|  | 1.4             | Protected Areas and sites of Special Biological significance | 1.4.1, 1.4.2                           | 7, 3, 11                          |
| <b>2. Maintenance and Enhancement of Forest Ecosystem Condition and Productivity</b> | 2.1             | Forest ecosystem Resilience                                  | 2.1.1                                  | 4, 12,13                          |
|  | 2.2             | Forest Ecosystem Productivity                                | 2.2.1, 2.2.2                           | 14, 15                            |
| <b>3. Conservation of Soil and Water Resources</b>                                   | 3.1             | Soil Quality and Quantity                                    | 3.1.1, 3.1.2                           | 14, 16, 17,<br>18, 19             |
|  | 3.2             | Water Quality and Quantity                                   | 3.2.1, 3.2.2<br>3.2.3, 3.2.4,<br>3.2.5 | 20, 21, 22,<br>23, 24             |
| <b>4. Forest Ecosystem Contribution to Global Ecological Cycles</b>                  | 4.1             | Carbon Uptake and Storage                                    | 4.1.1, 2.1.1                           | 5, 12, 14,<br>4, 13               |
|  | 4.2             | Forest Lands Conversion                                      | 2.2.1                                  | 14                                |
| <b>5. Multiple Benefits to Society</b>   | 5.1             | Timber and Non Timber Benefits                               | 5.1.1                                  | 15, 26, 11, 24,<br>27, 28, 29, 30 |
|  | 5.2             | Communities and Sustainability                               | 5.2.1, 5.2.2<br>5.2.3, 5.2.4           | 15, 26, 31,<br>32, 33             |
| <b>6. Accepting Society's Responsibility for Sustainable Development</b>             | 6.1             | Aboriginal and Treaty Rights                                 | 6.1.1, 6.1.2<br>6.1.3                  | 36, 37,<br>11, 37                 |
|  | 6.2             | Respect for Aboriginal Forest Values, Knowledge, and Uses    | 6.2.1                                  | 11, 36, 37                        |
|  | 6.3             | Forest Community Well-being and Resilience                   | 6.3.1, 6.3.2<br>6.3.3                  | 15, 24, 26, 27,<br>28, 30, 38, 39 |
|  | 6.4             | Fair and Effective Decision-Making                           | 6.4.1, 6.4.2<br>6.4.3                  | 34, 35, 40, 41,<br>42, 32, 37     |
|  | 6.5             | Information and Decision Making                              | 6.5.1, 6.5.2                           | 29, 41, 42                        |

## **5.0 Performance 2010 -2011 (cont.)**

Annual performance related to the implementation of the SFM plan is assessed by determining the extent to which targets for individual indicators have been met. The overall achievement of sustainable forest management is assessed by reviewing progress toward the objectives identified for each of the criteria in the SFM plan. Since objectives have been established for each criterion, and indicators and targets have been set for each objective, an assessment of progress towards sustainable forest management can be made by review of the collective achievement of the indicator results for each of the criteria.

Progress towards a number of indicators is difficult to assess in 2010 as this is the first year of reporting to the newly revised SFM Plan and the related Indicators and targets. Where indicators/targets have remained unchanged from the 2009 Monitoring Report, the results from previous reporting years has been carried forward.

A summary of the performance results for the objectives relating to each of the CSA criteria is provided in the tables which follow, specific details on all performance indicators and objectives is provided in Section 5.3

**Table 5.2 - Monitoring Report Results by Individual Target**

(Monitoring results outside the range of allowed variance are highlighted in **yellow**)

| No. | Target   | Target (% or #) | Achieved (% or #) | Page |
|-----|--|-----------------|-------------------|------|
| 1   | Biogeoclimatic Sub-Zones within the Plan Area                  | n/a             | n/a               | 11   |
| 2   | Old Growth Management Areas                                    | 100%            | >100%             | 13   |
| 3   | Rare Ecosystems Within Old Growth Management Areas             | 100%            | 99.98             | 14   |
| 4   | Tree Species Diversity in Reforestation                        | 70%             | 83.9              | 15   |
| 5   | Progress Towards Stable Forest Age Class Distribution          | n/a             | n/a               | 16   |
| 6   | Wildlife Tree and Stub Retention in Harvest Areas              | 100/70          | 94/84.4           | 17   |
| 7   | Conformance to Site Plans for Identified Wildlife Species      | 100             | 100               | 18   |
| 8   | Wildlife Habitat Conservation                                  | n/a             | n/a               | 20   |
| 9   | Mountain Caribou Habitat                                       | 100             | 100               | 21   |
| 10  | Reforestation With Species Appropriate to the Site             | 100             | 99.58             | 22   |
| 11  | Protection of Culturally Important, Sacred and Spiritual Sites | 100             | 100               | 23   |
| 12  | Reforestation - Regeneration Delay                             | 70/100          | 94/96.5           | 24   |
| 13  | Reforestation – Free-Growing Success                           | 100             | 99.5              | 25   |
| 14  | Percentage of Permanent Roads and Landings in Harvest Areas    | <6%             | 2.3%              | 27   |
| 15  | Annual Allowable Cut   | n/a             | n/a               | 28   |
| 16  | Soil Disturbance Limits  | 100             | 100               | 30   |
| 17  | Landslides   | 0               | 0                 | 31   |
| 18  | Coarse Woody Debris Retention                                  | 100             | 100               | 32   |

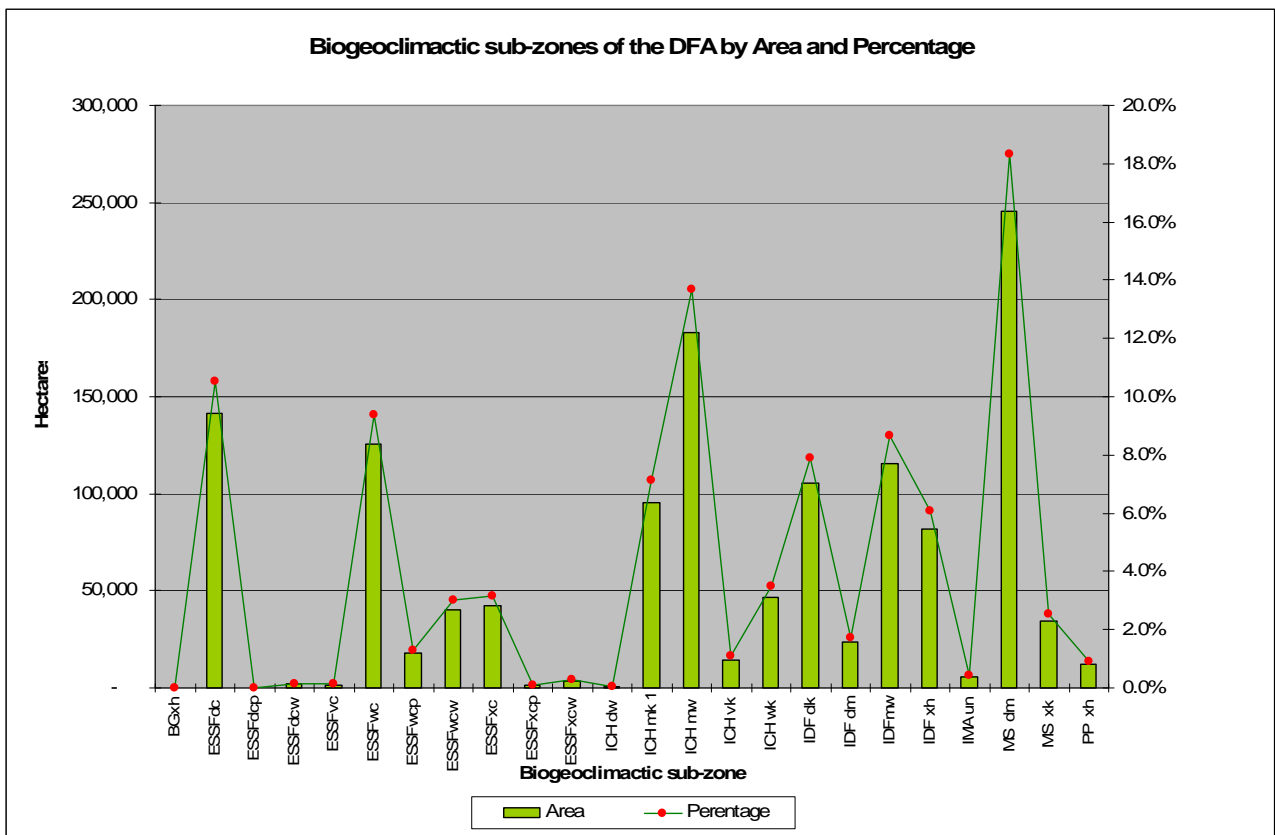
|    |   |              |               |    |
|----|---|--------------|---------------|----|
| 19 | Retention of Piles and Windrows                           | 90           | 96            | 33 |
| 20 | Harvesting Within Community Watersheds                    | 100          | 100           | 34 |
| 21 | Stream Crossings in Community Watersheds                  | 75           | 100           | 36 |
| 22 | Permanent Road Inspections                                | 100          | 88            | 37 |
| 23 | Temporary Road Inspections                                | 100          | 80.4          | 39 |
| 24 | Revegetation of Roads and Landings                        | 95/95/100    | 55/34/100     | 40 |
| 25 | Environmental Incidents Within Riparian Areas             | 0            | 0             | 41 |
| 26 | Value-added and Business Initiatives/Partnerships         | n/a          | n/a           | 42 |
| 27 | Access Management Commitments                             | 100          | 85.2          | 44 |
| 28 | Visual Quality Objectives                                 | 100          | 90.7          | 45 |
| 29 | Research and Educational Sponsorship                      | n/a          | n/a           | 46 |
| 30 | Trail Management  | 100          | 100           | 48 |
| 31 | Environmental and Safety Training                         | 90/90        | 98/98         | 49 |
| 32 | First Nations Partnerships                                | n/a          | n/a           | 50 |
| 33 | Harvest Allocation to First Nations                       | n/a          | n/a           | 51 |
| 34 | Public Advisory Group Satisfaction Survey                 | 80%>"3"      | 97%           | 52 |
| 35 | Participation in Higher Level Planning                    | n/a          | n/a           | 53 |
| 36 | Communication with First Nations                          | 100/100      | 100/100       | 54 |
| 37 | Incorporation of Traditional Knowledge in Forest Planning | 100          | 100           | 55 |
| 38 | Forestry Contractor Safety and SAFE Certification         | 100          | 96.9          | 56 |
| 39 | Forest Licencee Safety and SAFE Certification             | 100          | 100           | 58 |
| 40 | Responding to Public Communication Requests               | 100/<30 days | 100/2.18 days | 58 |
| 41 | Forestry Education and Public Awareness                   | n/a          | n/a           | 59 |
| 42 | Communications With the Public                            | 100          | 100           | 60 |
| 43 | Harvested Area by Silviculture System                     | n/a          | n/a           | 61 |

\*In an SFM Plan it is the Indicators and Targets that provide the performance measures that are to be met through on-the-ground forest management activities. Full compliance is required for many targets i.e., there is no variance. Where full compliance may not be achievable, an acceptable level of variance is indicated for the target. Only Indicators where the results are outside of the allowed variance are reported in the table above. Where multiple targets are included within a single Indicator, they are separated by a forward "slash" mark.

### 5.3 - 2010 Monitoring Results by Indicator

|          |  |  |
|----------|--|--|
| <b>1</b> | <b>Biogeoclimatic Sub-Zones within the Plan Area</b>   |  |
|          | <p><b>Target:</b> Maintain the presence and representative area of Biogeoclimatic Zones to the subzone level within the Plan area.</p> <p><b>Variance:</b> n/a</p> <p><b>Reporting:</b> Part of periodic Timber Supply Review (TSR) – often used to define of Analysis Units for timber supply modeling. Licencees will report the area for all Biogeoclimatic subzones as updated for the most current TSR's. Reporting to occur periodically – in the year following completion of subsequent TSR's and determination of the allowable annual cut (or other known updates to BEC).</p> |  |
|          | <b>Indicators Related to the Target</b>  |  |
| 1.1.1    | Ecosystem Area by Type   |  |

**Assessment Results:**



| <b>2</b>                                 | <b>Old Growth Management Areas</b>   |   |               |            |               |  |  |  |  |  |  |             |             |              |               |            |               |                            |         |         |         |        |         |                                 |     |     |     |     |     |
|--|--|---|---------------|------------|---------------|--|--|--|--|--|--|-------------|-------------|--------------|---------------|------------|---------------|----------------------------|---------|---------|---------|--------|---------|---------------------------------|-----|-----|-----|-----|-----|
|  | <p><b>Target:</b> Licencee operations will maintain the retention of existing or replacement draft old growth management areas.</p> <p><b>Variance:</b> None</p> <p><b>Reporting:</b> Licencees report the total area of draft OGMA's within their operating area and the area of net OGMA reduction (or increase) as a result of their operations.</p>  |   |               |            |               |  |  |  |  |  |  |             |             |              |               |            |               |                            |         |         |         |        |         |                                 |     |     |     |     |     |
|  | <b>Indicators Related to the Target</b>  |   |               |            |               |  |  |  |  |  |  |             |             |              |               |            |               |                            |         |         |         |        |         |                                 |     |     |     |     |     |
|  | 1.1.1,   | Ecosystem Area by Type                  |               |            |               |  |  |  |  |  |  |             |             |              |               |            |               |                            |         |         |         |        |         |                                 |     |     |     |     |     |
|  | 1.1.3  | Forest area by seral stage or age class |               |            |               |  |  |  |  |  |  |             |             |              |               |            |               |                            |         |         |         |        |         |                                 |     |     |     |     |     |
|  | <p><b>Assessment Results:</b></p> <p>As detailed in the table below, there was a net increase in draft OGMA's within the DFA of 9.53ha (0.010%) over the reporting period.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="6" style="text-align: center;"><b>Draft Old Growth Management Areas</b></th> </tr> <tr> <th style="text-align: center;"><b>Item</b></th> <th style="text-align: center;"><b>BCTS</b></th> <th style="text-align: center;"><b>Tolko</b></th> <th style="text-align: center;"><b>Gorman</b></th> <th style="text-align: center;"><b>WFN</b></th> <th style="text-align: center;"><b>Totals</b></th> </tr> </thead> <tbody> <tr> <td>Total Draft OGMA Area (ha)</td> <td style="text-align: center;">17570.6</td> <td style="text-align: center;">53879.4</td> <td style="text-align: center;">17871.0</td> <td style="text-align: center;">6090.7</td> <td style="text-align: center;">95411.7</td> </tr> <tr> <td>Net Change in OGMA area for yr.</td> <td style="text-align: center;">0.4</td> <td style="text-align: center;">9.1</td> <td style="text-align: center;">0.0</td> <td style="text-align: center;">0.0</td> <td style="text-align: center;">9.5</td> </tr> </tbody> </table> <p><b>Comments:</b></p> <p><b>Gorman</b> – The 0.4ha reduction is primarily due to “slivers” of harvesting (&lt; 0.1 ha)</p> |   |               |            |               | <b>Draft Old Growth Management Areas</b> |  |  |  |  |  | <b>Item</b> | <b>BCTS</b> | <b>Tolko</b> | <b>Gorman</b> | <b>WFN</b> | <b>Totals</b> | Total Draft OGMA Area (ha) | 17570.6 | 53879.4 | 17871.0 | 6090.7 | 95411.7 | Net Change in OGMA area for yr. | 0.4 | 9.1 | 0.0 | 0.0 | 9.5 |
| <b>Draft Old Growth Management Areas</b> |  |   |               |            |               |  |  |  |  |  |  |             |             |              |               |            |               |                            |         |         |         |        |         |                                 |     |     |     |     |     |
| <b>Item</b>                              | <b>BCTS</b>  | <b>Tolko</b>                            | <b>Gorman</b> | <b>WFN</b> | <b>Totals</b> |  |  |  |  |  |  |             |             |              |               |            |               |                            |         |         |         |        |         |                                 |     |     |     |     |     |
| Total Draft OGMA Area (ha)               | 17570.6  | 53879.4                                 | 17871.0       | 6090.7     | 95411.7       |  |  |  |  |  |  |             |             |              |               |            |               |                            |         |         |         |        |         |                                 |     |     |     |     |     |
| Net Change in OGMA area for yr.          | 0.4  | 9.1                                     | 0.0           | 0.0        | 9.5           |  |  |  |  |  |  |             |             |              |               |            |               |                            |         |         |         |        |         |                                 |     |     |     |     |     |

|          |   |
|----------|---|
| <b>3</b> | <b>Rare Ecosystems Within Old Growth Management Areas</b> |
|----------|---|

| <p><b>Target:</b> Licensee operations will maintain the retention of forested mature “rare” ecosystems within old growth management areas (variance for this new target to be set after a few years of monitoring).</p> <p><b>Variance:</b> None currently in place – see comment above.</p> <p><b>Reporting:</b> Licensees report the total rare ecosystem area within OGMA’s and the reduction of net rare ecosystem area within OGMA’s as a result of their operations.</p>   |   |   |        |       |              |  |  |      |      |       |        |     |        |                                  |        |        |       |       |        |                                   |      |      |      |      |              |
|--|---|---|--------|-------|--------------|--|--|------|------|-------|--------|-----|--------|----------------------------------|--------|--------|-------|-------|--------|-----------------------------------|------|------|------|------|--------------|
| <p><b>Indicators Related to the Target</b></p>   |   |   |        |       |              |  |  |      |      |       |        |     |        |                                  |        |        |       |       |        |                                   |      |      |      |      |              |
| 1.1.1  | Ecosystem Area by Type  |   |        |       |              |  |  |      |      |       |        |     |        |                                  |        |        |       |       |        |                                   |      |      |      |      |              |
| 1.3.1  | Management strategies for rare ecosystems (non-core indicator)        |   |        |       |              |  |  |      |      |       |        |     |        |                                  |        |        |       |       |        |                                   |      |      |      |      |              |
| 1.4.1  | Proportion of identified sites with implemented management strategies |   |        |       |              |  |  |      |      |       |        |     |        |                                  |        |        |       |       |        |                                   |      |      |      |      |              |
| <p><b>Assessment Results:</b></p> <p>There was a net reduction of 9.75ha or 0.13% of “rare” ecosystems within the OGMA’s over the reporting period. Currently, there is no stated variance on this target.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="6" style="text-align: center;"><b>Rare Ecosystems within Old Growth Management Areas</b></th> </tr> <tr> <th style="text-align: center;">Item</th> <th style="text-align: center;">BCTS</th> <th style="text-align: center;">Tolko</th> <th style="text-align: center;">Gorman</th> <th style="text-align: center;">WFN</th> <th style="text-align: center;">Totals</th> </tr> </thead> <tbody> <tr> <td>Total Rare within OGMA Area (ha)</td> <td style="text-align: center;">2279.8</td> <td style="text-align: center;">3434.1</td> <td style="text-align: center;">927.1</td> <td style="text-align: center;">280.8</td> <td style="text-align: center;">6921.8</td> </tr> <tr> <td>Net Reduction of “Rare” OGMA area</td> <td style="text-align: center;">-5.7</td> <td style="text-align: center;">-0.2</td> <td style="text-align: center;">-4.0</td> <td style="text-align: center;">none</td> <td style="text-align: center;"><b>-9.75</b></td> </tr> </tbody> </table> <p><b>Comments:</b></p> <p><b>BCTS - Crazy Creek Operating Area</b><br/>Conducted a site visit to determine ecosystem, cross-checked with PEM coverage and followed up with Michael Ryan (Ecosystem Specialist with MOE). Determined that this area is not considered rare within the District.</p> <p><b>Gorman -</b> Approximately 4.0 ha of the reductions are due to harvesting of pine-leading areas and have been ‘replaced’ with a similar forest type.</p> |   | <b>Rare Ecosystems within Old Growth Management Areas</b> |        |       |              |  |  | Item | BCTS | Tolko | Gorman | WFN | Totals | Total Rare within OGMA Area (ha) | 2279.8 | 3434.1 | 927.1 | 280.8 | 6921.8 | Net Reduction of “Rare” OGMA area | -5.7 | -0.2 | -4.0 | none | <b>-9.75</b> |
| <b>Rare Ecosystems within Old Growth Management Areas</b>  |   |   |        |       |              |  |  |      |      |       |        |     |        |                                  |        |        |       |       |        |                                   |      |      |      |      |              |
| Item   | BCTS  | Tolko   | Gorman | WFN   | Totals       |  |  |      |      |       |        |     |        |                                  |        |        |       |       |        |                                   |      |      |      |      |              |
| Total Rare within OGMA Area (ha)   | 2279.8  | 3434.1  | 927.1  | 280.8 | 6921.8       |  |  |      |      |       |        |     |        |                                  |        |        |       |       |        |                                   |      |      |      |      |              |
| Net Reduction of “Rare” OGMA area  | -5.7  | -0.2  | -4.0   | none  | <b>-9.75</b> |  |  |      |      |       |        |     |        |                                  |        |        |       |       |        |                                   |      |      |      |      |              |

|          |   |
|----------|---|
| <b>4</b> | <b>Tree Species Diversity in Reforestation</b>  |
|          | <b>Target:</b> 70 percent of the area of cutblocks harvested will have three or more tree |

species (includes conifer and deciduous comprising one percent or more of total trees) in the free growing survey.

**Variance:** none

**Reporting:** To enable reporting, an information system will be used to generate a list of cutblocks that were declared free growing and to track information on the free growing survey (inventory label). A summary will be generated of field survey information, showing tree species present at free growing during the reporting period.

The average (in percent) of the leading tree species for those cutblocks having three or more species, will be identified in the report.

**Data Pool:** Reporting based on NAR, species data based in inventory label.

**Indicators Related to the Target**

1.1.2 Forest Area by type or species composition

1.3.3 Percent of harvested cutblocks having three or more tree species identified in the free growing inventory (non-core indicator)

2.1.1 Reforestation Success

**Assessment Results:**

The results indicate that 7,351.2 of 8,759.3 ( 83.9%) ha surveyed had 3 or more preferred or acceptable tree species at the time of the Free-growing survey. This exceeds the target of 70% by 13.9%. Additionally, 56.1% of the surveyed area was occupied by the leading most species.

| Licencee      | FTG Area Surveyed |                | Percent Comprised of Leading Species |             |
|---------------|-------------------|----------------|--------------------------------------|-------------|
|               | ha                | # ha > 3 spp.  | By licencee                          | By DFA      |
| BCTS          | 606.4             | 488.6          | 45.7                                 | 3.0         |
| WFN           | 0.0               | 0.0            | 0.0                                  | 0.0         |
| Tolko         | 7,623.0           | 6,339.0        | 55.8                                 | 48.1        |
| Gorman        | 529.9             | 523.6          | 69.4                                 | 4.9         |
| <b>Totals</b> | <b>8,759.3</b>    | <b>7,351.2</b> |                                      | <b>56.1</b> |

**WFN** – Harvesting on the WFN tenure only commenced in 2005. Free-growing surveys will not commence until 2015.

**5 Progress Towards Stable Forest Age Class Distribution**

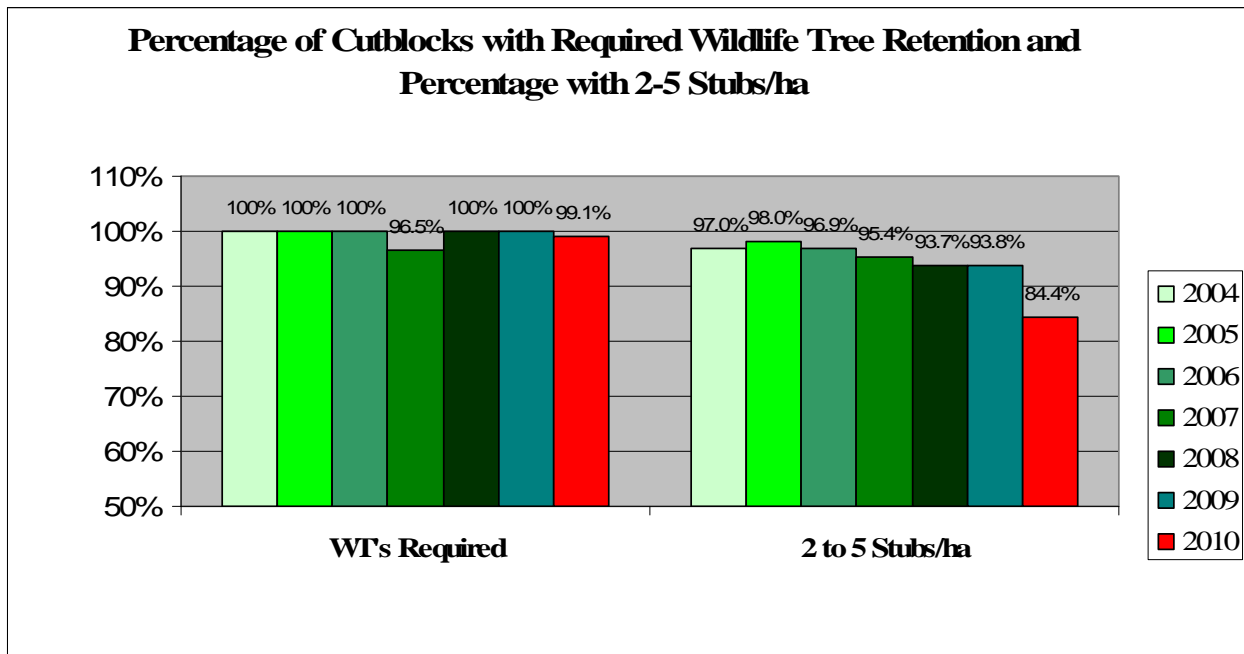
| <p><b>Target:</b> Progress towards a stable forest age class distribution on the timber harvesting land base where each age class to 100 years old [1 (1 to 20), 2 (21-40), 3 (41-60), 4 (61 to 80) and 5 (81 to 100)] occupies at least 10% of the timber harvesting land base. Three age classes meet this target within 50 years.</p> <p><b>Variance:</b> n/a</p> <p><b>Reporting:</b> Licencees to report periodically (in the year following completion of subsequent TSR's and determination of the allowable annual cut.) using the TSR inventory data for their Defined Forest Area.</p>   |   |                                 |         |                    |                |                    |  |  |           |      |  |         |           |                |               |       |      |       |          |         |         |       |       |       |       |           |         |         |       |       |      |      |           |        |        |      |      |      |      |           |        |        |      |      |       |       |            |        |        |      |      |      |      |              |           |         |      |      |     |     |
|--|---|---------------------------------|---------|--------------------|----------------|--------------------|--|--|-----------|------|--|---------|-----------|----------------|---------------|-------|------|-------|----------|---------|---------|-------|-------|-------|-------|-----------|---------|---------|-------|-------|------|------|-----------|--------|--------|------|------|------|------|-----------|--------|--------|------|------|-------|-------|------------|--------|--------|------|------|------|------|--------------|-----------|---------|------|------|-----|-----|
| <p><b>Indicators Related to the Target</b></p>   |   |                                 |         |                    |                |                    |  |  |           |      |  |         |           |                |               |       |      |       |          |         |         |       |       |       |       |           |         |         |       |       |      |      |           |        |        |      |      |      |      |           |        |        |      |      |       |       |            |        |        |      |      |      |      |              |           |         |      |      |     |     |
| 1.1.3  | Forest area by seral stage or age class |                                 |         |                    |                |                    |  |  |           |      |  |         |           |                |               |       |      |       |          |         |         |       |       |       |       |           |         |         |       |       |      |      |           |        |        |      |      |      |      |           |        |        |      |      |       |       |            |        |        |      |      |      |      |              |           |         |      |      |     |     |
| 4.1.1  | Net Carbon Uptake                       |                                 |         |                    |                |                    |  |  |           |      |  |         |           |                |               |       |      |       |          |         |         |       |       |       |       |           |         |         |       |       |      |      |           |        |        |      |      |      |      |           |        |        |      |      |       |       |            |        |        |      |      |      |      |              |           |         |      |      |     |     |
| <p><b>Assessment Results:</b></p> <p>The results of the 2010 assessment are indicated in the table below. However, progress towards the 10% of the THLB in each of the 5 age classes cannot be compared to previous years due to the withdrawal of Weyerhaeuser and the addition of WFN to the report.</p> <table border="1" data-bbox="224 1087 1458 1507"> <thead> <tr> <th colspan="4">Overall DFA Area Summary - 2010</th> <th colspan="3">Percentage of THLB</th> </tr> <tr> <th rowspan="2">Age Class</th> <th colspan="2">Area</th> <th>Percent</th> <th rowspan="2">THLB 2010</th> <th rowspan="2">TSR III (2003)</th> <th rowspan="2">TSR II (2000)</th> </tr> <tr> <th>Gross</th> <th>THLB</th> <th>Gross</th> </tr> </thead> <tbody> <tr> <td>1 (1-20)</td> <td>187,481</td> <td>146,293</td> <td>17.5%</td> <td>17.4%</td> <td>13.8%</td> <td>13.2%</td> </tr> <tr> <td>2 (21-40)</td> <td>110,143</td> <td>103,344</td> <td>10.3%</td> <td>12.3%</td> <td>6.4%</td> <td>4.2%</td> </tr> <tr> <td>3 (41-60)</td> <td>35,453</td> <td>30,091</td> <td>3.3%</td> <td>3.6%</td> <td>4.1%</td> <td>4.9%</td> </tr> <tr> <td>4 (61-80)</td> <td>79,972</td> <td>66,479</td> <td>7.5%</td> <td>7.9%</td> <td>10.5%</td> <td>10.1%</td> </tr> <tr> <td>5 (81-100)</td> <td>80,885</td> <td>66,145</td> <td>7.5%</td> <td>7.9%</td> <td>7.8%</td> <td>8.4%</td> </tr> <tr> <td><b>TOTAL</b></td> <td>1,073,036</td> <td>840,662</td> <td>100%</td> <td>100%</td> <td>n/a</td> <td>n/a</td> </tr> </tbody> </table> |   | Overall DFA Area Summary - 2010 |         |                    |                | Percentage of THLB |  |  | Age Class | Area |  | Percent | THLB 2010 | TSR III (2003) | TSR II (2000) | Gross | THLB | Gross | 1 (1-20) | 187,481 | 146,293 | 17.5% | 17.4% | 13.8% | 13.2% | 2 (21-40) | 110,143 | 103,344 | 10.3% | 12.3% | 6.4% | 4.2% | 3 (41-60) | 35,453 | 30,091 | 3.3% | 3.6% | 4.1% | 4.9% | 4 (61-80) | 79,972 | 66,479 | 7.5% | 7.9% | 10.5% | 10.1% | 5 (81-100) | 80,885 | 66,145 | 7.5% | 7.9% | 7.8% | 8.4% | <b>TOTAL</b> | 1,073,036 | 840,662 | 100% | 100% | n/a | n/a |
| Overall DFA Area Summary - 2010  |   |                                 |         | Percentage of THLB |                |                    |  |  |           |      |  |         |           |                |               |       |      |       |          |         |         |       |       |       |       |           |         |         |       |       |      |      |           |        |        |      |      |      |      |           |        |        |      |      |       |       |            |        |        |      |      |      |      |              |           |         |      |      |     |     |
| Age Class  | Area                                    |                                 | Percent | THLB 2010          | TSR III (2003) | TSR II (2000)      |  |  |           |      |  |         |           |                |               |       |      |       |          |         |         |       |       |       |       |           |         |         |       |       |      |      |           |        |        |      |      |      |      |           |        |        |      |      |       |       |            |        |        |      |      |      |      |              |           |         |      |      |     |     |
|  | Gross                                   | THLB                            | Gross   |                    |                |                    |  |  |           |      |  |         |           |                |               |       |      |       |          |         |         |       |       |       |       |           |         |         |       |       |      |      |           |        |        |      |      |      |      |           |        |        |      |      |       |       |            |        |        |      |      |      |      |              |           |         |      |      |     |     |
| 1 (1-20)   | 187,481                                 | 146,293                         | 17.5%   | 17.4%              | 13.8%          | 13.2%              |  |  |           |      |  |         |           |                |               |       |      |       |          |         |         |       |       |       |       |           |         |         |       |       |      |      |           |        |        |      |      |      |      |           |        |        |      |      |       |       |            |        |        |      |      |      |      |              |           |         |      |      |     |     |
| 2 (21-40)  | 110,143                                 | 103,344                         | 10.3%   | 12.3%              | 6.4%           | 4.2%               |  |  |           |      |  |         |           |                |               |       |      |       |          |         |         |       |       |       |       |           |         |         |       |       |      |      |           |        |        |      |      |      |      |           |        |        |      |      |       |       |            |        |        |      |      |      |      |              |           |         |      |      |     |     |
| 3 (41-60)  | 35,453                                  | 30,091                          | 3.3%    | 3.6%               | 4.1%           | 4.9%               |  |  |           |      |  |         |           |                |               |       |      |       |          |         |         |       |       |       |       |           |         |         |       |       |      |      |           |        |        |      |      |      |      |           |        |        |      |      |       |       |            |        |        |      |      |      |      |              |           |         |      |      |     |     |
| 4 (61-80)  | 79,972                                  | 66,479                          | 7.5%    | 7.9%               | 10.5%          | 10.1%              |  |  |           |      |  |         |           |                |               |       |      |       |          |         |         |       |       |       |       |           |         |         |       |       |      |      |           |        |        |      |      |      |      |           |        |        |      |      |       |       |            |        |        |      |      |      |      |              |           |         |      |      |     |     |
| 5 (81-100)   | 80,885                                  | 66,145                          | 7.5%    | 7.9%               | 7.8%           | 8.4%               |  |  |           |      |  |         |           |                |               |       |      |       |          |         |         |       |       |       |       |           |         |         |       |       |      |      |           |        |        |      |      |      |      |           |        |        |      |      |       |       |            |        |        |      |      |      |      |              |           |         |      |      |     |     |
| <b>TOTAL</b>   | 1,073,036                               | 840,662                         | 100%    | 100%               | n/a            | n/a                |  |  |           |      |  |         |           |                |               |       |      |       |          |         |         |       |       |       |       |           |         |         |       |       |      |      |           |        |        |      |      |      |      |           |        |        |      |      |       |       |            |        |        |      |      |      |      |              |           |         |      |      |     |     |

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|----------|--|
| <b>6</b> | <b>Wildlife Tree and Stub Retention in Harvest Areas</b> |
|----------|--|

|       |  |
|-------|--|
|       | <p><b>Target:</b> 100 percent of harvested cutblocks requiring wildlife tree retention (patches and/or individual trees) will be completed in accordance with their Site Plan.<br/>80 percent of harvested cutblocks <i>contain a minimum average of 2-5 stub trees and/or wildlife trees per hectare with consideration given to spatial distribution.</i></p> <p><b>Variance:</b> None</p> <p><b>Reporting:</b> To enable reporting, an information system will be used to generate a list of cutblocks where harvesting was completed, those blocks that had WTP requirements, areas where plan commitments related to WTP's not met as well as a list of cutblocks that contained mature reserve summary data and/or reserve trees and/or reserve stubs.</p> <p>The remaining harvested cutblocks not identified in the information system as having reserve trees or patches associated with the harvest area, will be cross referenced with GIS databases, Forest Stewardship Plan or other plans.</p> <p><b>Data Pool:</b> Site Plan exempt areas are excluded.</p> |
|       | <p><b>Indicators Related to the Target</b></p>   |
| 1.1.4 | Degree of within-stand structural retention or age class   |

**Assessment Results:** The 2010 results indicate a notable decrease in the percentage of blocks with the required retention of WTP's, and areas with 2-5 stubs/ha. In the years between 2004 and 2009 WTP and Stub/ha compliance ranged from 96.5-100% and 93.8 – 98, respectively. In 2010 these results decreased to 94 and 84.4. Despite the reduction in the percentage of blocks in compliance, this is still over the target compliance levels of 80%. Most of the decrease is due to operations reported by Tolko, who offer the following explanation:

Approx 94% of Tolko Net Area to Reforest (NAR) had the 2-5 basic CWD requirement. However, Tolko had numerous small openings and cable blocks where there was no commitment made in the SP. On a per ha level Tolko did well, but as a small 1.0 ha block holds as much “weight” in calculating performance as a 50.0 ha block, implying marginal performance.



|          |  |
|----------|--|
| <b>7</b> | <b>Conformance to Site Plans for Identified Wildlife Species</b>   |
|          | <p><b>Target:</b> 100% conformance to site plans to manage for and/or protect important habitat for IWMS species and species identified as rare in the OSLRMP and KBLUP.</p> <p><b>Variance:</b> none</p> <p><b>Reporting:</b> Licencees will monitor and report the number of cutblocks harvested where operational plans contained commitments to manage for Identified Wildlife and rare species identified in the OSLRMP or KBLUP. Licencees will also report their success rate at conforming to those commitments.</p> |

| <b>Indicators Related to the Target</b>  |  |     |       |        |        |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
|--|--|-----|-------|--------|--------|------------|------|----------|--|--|--|--|--------|------|-----|-------|--------|------|---|----|---|-----|----|---|------------|---|----|---|-----|----|---|------------|---------|----------|--|--|--|--|------|-----|-------|--------|--------|----------------------|--|--|--|--|--|-----------|---|---|----|---|----|---------------|---|---|---|---|---|--------------|----|---|----|---|----|-------|---|---|----|---|----|------------------------|--|--|--|--|--|-----|---|---|---|---|---|--------|----|---|-----|----|-----|--------|---|---|----|---|----|--------------------------|---|---|----|---|----|------------------------|---|---|---|---|---|-----------------|---|---|---|---|---|------------------|---|---|---|---|---|
| 1.2.1  | Degree of habitat protection for selected focal species, including species at risk         |     |       |        |        |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
| 1.3.2  | Management and/or protection of important habitat for select species. (non-core indicator) |     |       |        |        |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
| 1.4.1  | Proportion of identified sites with implemented management strategies                      |     |       |        |        |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
| <p><b>Assessment Results:</b> The 2010 assessment, as tabulated below, indicates 100% compliance with management commitments.</p> <p><b>Number of Instances Where Plans Dealt with Indicated Species</b></p> <table border="1"> <thead> <tr> <th rowspan="2">Item</th> <th colspan="5">Licencee</th> <th rowspan="2">Totals</th> </tr> <tr> <th>BCTS</th> <th>WFN</th> <th>Tolko</th> <th>Gorman</th> <th>YucW</th> </tr> </thead> <tbody> <tr> <td>Number of cutblocks harvested with Site Plan commitments for Identified Wildlife or HLP rare species:</td> <td>33</td> <td>2</td> <td>170</td> <td>17</td> <td>7</td> <td><b>227</b></td> </tr> <tr> <td>Number of cutblocks above where commitments were properly executed:</td> <td>33</td> <td>2</td> <td>170</td> <td>17</td> <td>7</td> <td><b>227</b></td> </tr> </tbody> </table><br><table border="1"> <thead> <tr> <th rowspan="2">Species</th> <th colspan="5">Licencee</th> </tr> <tr> <th>BCTS</th> <th>WFN</th> <th>Tolko</th> <th>Gorman</th> <th>Totals</th> </tr> </thead> <tbody> <tr> <td><b>IWMS Species:</b></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Mule Deer</td> <td>3</td> <td>0</td> <td>10</td> <td>0</td> <td>13</td> </tr> <tr> <td>Mountain Goat</td> <td>0</td> <td>0</td> <td>6</td> <td>0</td> <td>6</td> </tr> <tr> <td>Grizzly Bear</td> <td>11</td> <td>0</td> <td>68</td> <td>4</td> <td>83</td> </tr> <tr> <td>Moose</td> <td>0</td> <td>0</td> <td>60</td> <td>0</td> <td>60</td> </tr> <tr> <td><b>OSLRMP Species:</b></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Elk</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Marten</td> <td>16</td> <td>2</td> <td>109</td> <td>13</td> <td>140</td> </tr> <tr> <td>Fisher</td> <td>4</td> <td>0</td> <td>21</td> <td>0</td> <td>25</td> </tr> <tr> <td>California Bighorn Sheep</td> <td>1</td> <td>0</td> <td>10</td> <td>0</td> <td>11</td> </tr> <tr> <td>Williamson's Sapsucker</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Grizzly (KBLUP)</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>Mountain Caribou</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> </tr> </tbody> </table> |  |     |       |        |        |            | Item | Licencee |  |  |  |  | Totals | BCTS | WFN | Tolko | Gorman | YucW | Number of cutblocks harvested with Site Plan commitments for Identified Wildlife or HLP rare species: | 33 | 2 | 170 | 17 | 7 | <b>227</b> | Number of cutblocks above where commitments were properly executed: | 33 | 2 | 170 | 17 | 7 | <b>227</b> | Species | Licencee |  |  |  |  | BCTS | WFN | Tolko | Gorman | Totals | <b>IWMS Species:</b> |  |  |  |  |  | Mule Deer | 3 | 0 | 10 | 0 | 13 | Mountain Goat | 0 | 0 | 6 | 0 | 6 | Grizzly Bear | 11 | 0 | 68 | 4 | 83 | Moose | 0 | 0 | 60 | 0 | 60 | <b>OSLRMP Species:</b> |  |  |  |  |  | Elk | 0 | 0 | 0 | 0 | 0 | Marten | 16 | 2 | 109 | 13 | 140 | Fisher | 4 | 0 | 21 | 0 | 25 | California Bighorn Sheep | 1 | 0 | 10 | 0 | 11 | Williamson's Sapsucker | 0 | 0 | 0 | 0 | 0 | Grizzly (KBLUP) | 0 | 0 | 0 | 0 | 0 | Mountain Caribou | 0 | 0 | 0 | 0 | 0 |
| Item   | Licencee   |     |       |        |        | Totals     |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
|  | BCTS   | WFN | Tolko | Gorman | YucW   |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
| Number of cutblocks harvested with Site Plan commitments for Identified Wildlife or HLP rare species:  | 33   | 2   | 170   | 17     | 7      | <b>227</b> |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
| Number of cutblocks above where commitments were properly executed:  | 33   | 2   | 170   | 17     | 7      | <b>227</b> |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
| Species  | Licencee   |     |       |        |        |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
|  | BCTS   | WFN | Tolko | Gorman | Totals |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
| <b>IWMS Species:</b>   |  |     |       |        |        |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
| Mule Deer  | 3  | 0   | 10    | 0      | 13     |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
| Mountain Goat  | 0  | 0   | 6     | 0      | 6      |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
| Grizzly Bear   | 11   | 0   | 68    | 4      | 83     |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
| Moose  | 0  | 0   | 60    | 0      | 60     |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
| <b>OSLRMP Species:</b>   |  |     |       |        |        |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
| Elk  | 0  | 0   | 0     | 0      | 0      |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
| Marten   | 16   | 2   | 109   | 13     | 140    |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
| Fisher   | 4  | 0   | 21    | 0      | 25     |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
| California Bighorn Sheep   | 1  | 0   | 10    | 0      | 11     |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
| Williamson's Sapsucker   | 0  | 0   | 0     | 0      | 0      |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
| Grizzly (KBLUP)  | 0  | 0   | 0     | 0      | 0      |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |
| Mountain Caribou   | 0  | 0   | 0     | 0      | 0      |            |      |          |  |  |  |  |        |      |     |       |        |      |   |    |   |     |    |   |            |   |    |   |     |    |   |            |         |          |  |  |  |  |      |     |       |        |        |                      |  |  |  |  |  |           |   |   |    |   |    |               |   |   |   |   |   |              |    |   |    |   |    |       |   |   |    |   |    |                        |  |  |  |  |  |     |   |   |   |   |   |        |    |   |     |    |     |        |   |   |    |   |    |                          |   |   |    |   |    |                        |   |   |   |   |   |                 |   |   |   |   |   |                  |   |   |   |   |   |

| <b>8</b>   | <b>Wildlife Habitat Conservation</b>  |            |        |     |      |          |         |                  |        |        |     |      |          |                  |     |            |   |   |   |       |                            |     |           |   |   |   |     |                          |      |        |   |   |   |     |                 |     |            |   |   |   |     |                      |    |          |   |   |   |     |             |     |       |   |   |   |     |
|--|---|------------|--------|-----|------|----------|---------|------------------|--------|--------|-----|------|----------|------------------|-----|------------|---|---|---|-------|----------------------------|-----|-----------|---|---|---|-----|--------------------------|------|--------|---|---|---|-----|-----------------|-----|------------|---|---|---|-----|----------------------|----|----------|---|---|---|-----|-------------|-----|-------|---|---|---|-----|
| <p><b>Target:</b> Conserve habitat for Tiger Salamander, Great Basin Spadefoot, Great Basin Gopher Snake, Flammulated Owl, Fringed Myotis and Spotted Bat by retaining the amount of habitat (provided for in Government's Section 7 notice for the Okanagan Shuswap Forest District) in a condition suitable for the survival of the species:</p> <p>Tiger Salamander – 541 ha<br/> Great Basin Spadefoot – 200 ha<br/> Great Basin Gopher Snake – 6250 ha<br/> Flammulated Owl – 540 ha<br/> Fringed Myotis – 12 ha<br/> Spotted Bat – 120 ha</p> <p><b>Variance:</b> n/a</p> <p><b>Reporting:</b> Licencees will report on the number of ha of suitable habitat they have conserved or managed for each of the focal species. At the forest district level, hectares of Wildlife Habitat Areas will be reported by focal species. Specific species reporting to stop once area targets have been met at the district level.</p> |   |            |        |     |      |          |         |                  |        |        |     |      |          |                  |     |            |   |   |   |       |                            |     |           |   |   |   |     |                          |      |        |   |   |   |     |                 |     |            |   |   |   |     |                      |    |          |   |   |   |     |             |     |       |   |   |   |     |
| <b>Indicators Related to the Target</b>  |   |            |        |     |      |          |         |                  |        |        |     |      |          |                  |     |            |   |   |   |       |                            |     |           |   |   |   |     |                          |      |        |   |   |   |     |                 |     |            |   |   |   |     |                      |    |          |   |   |   |     |             |     |       |   |   |   |     |
| 1.2.2  | Degree of suitable habitat in the long term for selected focal species, including species at risk |            |        |     |      |          |         |                  |        |        |     |      |          |                  |     |            |   |   |   |       |                            |     |           |   |   |   |     |                          |      |        |   |   |   |     |                 |     |            |   |   |   |     |                      |    |          |   |   |   |     |             |     |       |   |   |   |     |
| <b>Assessment Results:</b>   |   |            |        |     |      |          |         |                  |        |        |     |      |          |                  |     |            |   |   |   |       |                            |     |           |   |   |   |     |                          |      |        |   |   |   |     |                 |     |            |   |   |   |     |                      |    |          |   |   |   |     |             |     |       |   |   |   |     |
| <table border="1"> <thead> <tr> <th>Species</th> <th>Target Retention</th> <th>Tolko*</th> <th>Gorman</th> <th>WFN</th> <th>BCTS</th> <th>District</th> </tr> </thead> <tbody> <tr> <td>Tiger salamander</td> <td>541</td> <td>4.2 /204.3</td> <td>0</td> <td>0</td> <td>0</td> <td>305.1</td> </tr> <tr> <td>Great Basin Spadefoot Toad</td> <td>200</td> <td>93.6/1584</td> <td>0</td> <td>0</td> <td>0</td> <td>n/a</td> </tr> <tr> <td>Great Basin Gopher Snake</td> <td>6250</td> <td>0/59.2</td> <td>0</td> <td>0</td> <td>0</td> <td>n/a</td> </tr> <tr> <td>Flammulated Owl</td> <td>540</td> <td>5.7/1256.6</td> <td>0</td> <td>0</td> <td>0</td> <td>n/a</td> </tr> <tr> <td>Fringe Tailed Myotis</td> <td>12</td> <td>5.7/14.9</td> <td>0</td> <td>0</td> <td>0</td> <td>n/a</td> </tr> <tr> <td>Spotted Bat</td> <td>120</td> <td>0/8.3</td> <td>0</td> <td>0</td> <td>0</td> <td>n/a</td> </tr> </tbody> </table>     |   |            |        |     |      |          | Species | Target Retention | Tolko* | Gorman | WFN | BCTS | District | Tiger salamander | 541 | 4.2 /204.3 | 0 | 0 | 0 | 305.1 | Great Basin Spadefoot Toad | 200 | 93.6/1584 | 0 | 0 | 0 | n/a | Great Basin Gopher Snake | 6250 | 0/59.2 | 0 | 0 | 0 | n/a | Flammulated Owl | 540 | 5.7/1256.6 | 0 | 0 | 0 | n/a | Fringe Tailed Myotis | 12 | 5.7/14.9 | 0 | 0 | 0 | n/a | Spotted Bat | 120 | 0/8.3 | 0 | 0 | 0 | n/a |
| Species  | Target Retention  | Tolko*     | Gorman | WFN | BCTS | District |         |                  |        |        |     |      |          |                  |     |            |   |   |   |       |                            |     |           |   |   |   |     |                          |      |        |   |   |   |     |                 |     |            |   |   |   |     |                      |    |          |   |   |   |     |             |     |       |   |   |   |     |
| Tiger salamander   | 541   | 4.2 /204.3 | 0      | 0   | 0    | 305.1    |         |                  |        |        |     |      |          |                  |     |            |   |   |   |       |                            |     |           |   |   |   |     |                          |      |        |   |   |   |     |                 |     |            |   |   |   |     |                      |    |          |   |   |   |     |             |     |       |   |   |   |     |
| Great Basin Spadefoot Toad   | 200   | 93.6/1584  | 0      | 0   | 0    | n/a      |         |                  |        |        |     |      |          |                  |     |            |   |   |   |       |                            |     |           |   |   |   |     |                          |      |        |   |   |   |     |                 |     |            |   |   |   |     |                      |    |          |   |   |   |     |             |     |       |   |   |   |     |
| Great Basin Gopher Snake   | 6250  | 0/59.2     | 0      | 0   | 0    | n/a      |         |                  |        |        |     |      |          |                  |     |            |   |   |   |       |                            |     |           |   |   |   |     |                          |      |        |   |   |   |     |                 |     |            |   |   |   |     |                      |    |          |   |   |   |     |             |     |       |   |   |   |     |
| Flammulated Owl  | 540   | 5.7/1256.6 | 0      | 0   | 0    | n/a      |         |                  |        |        |     |      |          |                  |     |            |   |   |   |       |                            |     |           |   |   |   |     |                          |      |        |   |   |   |     |                 |     |            |   |   |   |     |                      |    |          |   |   |   |     |             |     |       |   |   |   |     |
| Fringe Tailed Myotis   | 12  | 5.7/14.9   | 0      | 0   | 0    | n/a      |         |                  |        |        |     |      |          |                  |     |            |   |   |   |       |                            |     |           |   |   |   |     |                          |      |        |   |   |   |     |                 |     |            |   |   |   |     |                      |    |          |   |   |   |     |             |     |       |   |   |   |     |
| Spotted Bat  | 120   | 0/8.3      | 0      | 0   | 0    | n/a      |         |                  |        |        |     |      |          |                  |     |            |   |   |   |       |                            |     |           |   |   |   |     |                          |      |        |   |   |   |     |                 |     |            |   |   |   |     |                      |    |          |   |   |   |     |             |     |       |   |   |   |     |
| * Reporting Period / Cumulative to Date  |   |            |        |     |      |          |         |                  |        |        |     |      |          |                  |     |            |   |   |   |       |                            |     |           |   |   |   |     |                          |      |        |   |   |   |     |                 |     |            |   |   |   |     |                      |    |          |   |   |   |     |             |     |       |   |   |   |     |
| <b>Comments:</b>   |   |            |        |     |      |          |         |                  |        |        |     |      |          |                  |     |            |   |   |   |       |                            |     |           |   |   |   |     |                          |      |        |   |   |   |     |                 |     |            |   |   |   |     |                      |    |          |   |   |   |     |             |     |       |   |   |   |     |

|  |  |
|--|--|
|  | <p><b>Tolko</b> - Only Tiger Salamander has Wildlife Habitat Areas established (221.3 ha). Until such time as WHAs are established, Tolko is reserving potential habitat during cutblock layout using spatially modeled WMS Species Account habitat descriptions. The numbers in the above table reflect the areas that Tolko has identified and reserved during layout.</p> <p><b>Gorman</b> - In 2010/11, Gorman Bros. had no operations in the area where suitable habitat for these species is likely to be found.</p> <p>Information reported for the District was taken from the following website:<br/> <a href="http://www.env.gov.bc.ca/wld/frpa/iwms/wha.html">http://www.env.gov.bc.ca/wld/frpa/iwms/wha.html</a></p> |
|--|--|

| <b>9</b>                                    | <b>Mountain Caribou Habitat</b>   |   |     |      |        |      |       |        |     |      |        |                                 |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|-----|------|--------|------|-------|--------|-----|------|--------|---------------------------------|---|---|---|---|---|---|---|---|---|---|---|
|   | <p><b>Target:</b> Manage Mountain Caribou habitat so it is consistent with Government Action Regulation orders and/or higher level plan orders.</p> <p><b>Variance:</b> None</p> <p><b>Reporting:</b> Licencees will report the area (ha) harvested that is consistent with Government Action Regulation orders and/or higher level plan orders against all of the area harvested within the designated Mountain Caribou recovery strategy during the reporting year.</p>   |   |     |      |        |      |       |        |     |      |        |                                 |   |   |   |   |   |   |   |   |   |   |   |
|   | <b>Indicators Related to the Target</b>   |   |     |      |        |      |       |        |     |      |        |                                 |   |   |   |   |   |   |   |   |   |   |   |
|   | 1.2.2   | Degree of suitable habitat in the long term for selected focal species, including species at risk |     |      |        |      |       |        |     |      |        |                                 |   |   |   |   |   |   |   |   |   |   |   |
|   | <p><b>Assessment Results:</b><br/>There was no harvesting within Mountain Caribou habitat in 2010.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 45%;">Item</th> <th style="width: 10%;">Tolko</th> <th style="width: 10%;">Gorman</th> <th style="width: 10%;">WFN</th> <th style="width: 10%;">BCTS</th> <th style="width: 15%;">Totals</th> </tr> </thead> <tbody> <tr> <td>Total Area harvested within MCH</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td>Harvested Area consistent with MCH Strategy</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> </tbody> </table> |   |     |      |        | Item | Tolko | Gorman | WFN | BCTS | Totals | Total Area harvested within MCH | 0 | 0 | 0 | 0 | 0 | Harvested Area consistent with MCH Strategy | 0 | 0 | 0 | 0 | 0 |
| Item  | Tolko   | Gorman  | WFN | BCTS | Totals |      |       |        |     |      |        |                                 |   |   |   |   |   |   |   |   |   |   |   |
| Total Area harvested within MCH             | 0   | 0   | 0   | 0    | 0      |      |       |        |     |      |        |                                 |   |   |   |   |   |   |   |   |   |   |   |
| Harvested Area consistent with MCH Strategy | 0   | 0   | 0   | 0    | 0      |      |       |        |     |      |        |                                 |   |   |   |   |   |   |   |   |   |   |   |

**10 Reforestation With Species Appropriate to the Site**

**Target:** 100% of trees planted will conform to plan commitments related to the species requirements within approved stocking standards (requires reforestation with commercially valuable and ecologically suitable tree species).

**Variance:** None

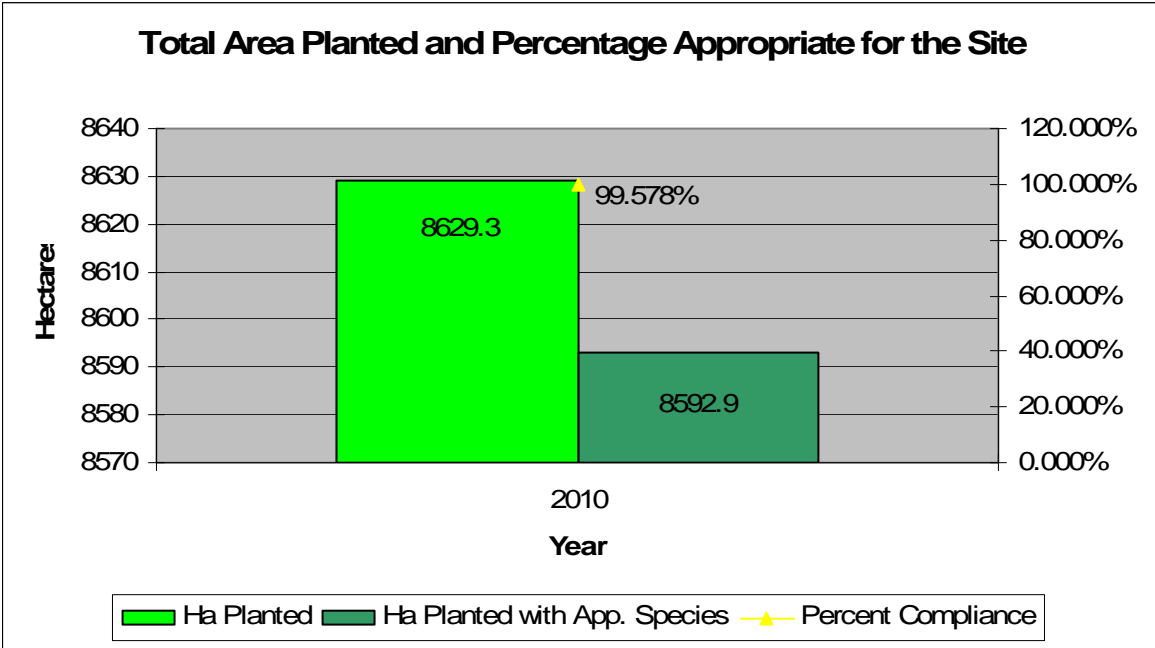
**Reporting:** Licencees will report the number of hectares where trees were planted with species appropriate to the site as outlined in the stocking standards of their Forest Stewardship Plan. Additionally, licencees will report the total number of hectares where planting occurred.

**Indicators Related to the Target**

|       |  |
|-------|--|
| 1.2.3 | Proportion of regeneration comprised of native species           |
| 2.2.3 | Ecosystems with naturally occurring species (non-core indicator) |

**Assessment Results:**

The survey results, graphed below, indicate that 8592.9ha of 8629.3ha or 99.58% of the areas planted in 2010 were planted with trees which are appropriate for the site (as detailed in the appropriate Site Prescriptions).



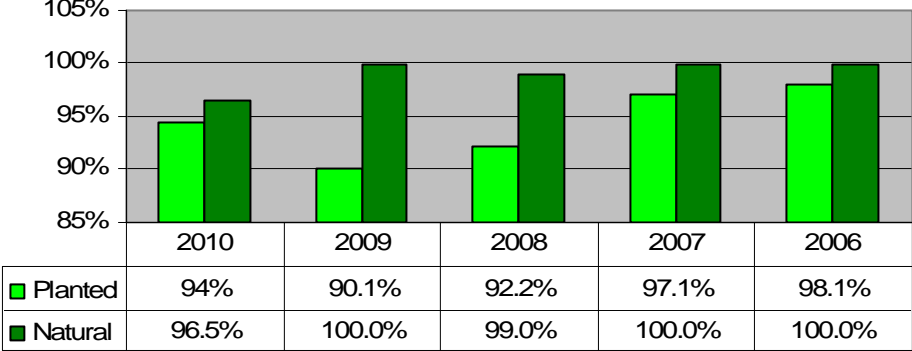
**Comments:**

|  |   |
|--|---|
|  | <p><b>BCTS</b> - 36.4 ha's had a component of Western Larch were planted which, at the time, did not conform to approved stocking standards. The Chief Forester has since extended the range for Lw and the stocking standards for this block have been adjusted accordingly</p> <p><b>Tolko</b> - 1,640 ponderosa pine trees were planted on 2.5 hectares on a trial basis outside approved stocking standards with approval from the Ministry of Forests – this is not considered an outage for reporting purposes.</p> |
|--|---|

|           |  |  |
|-----------|--|--|
| <b>11</b> | <b>Protection of Culturally Important, Sacred and Spiritual Sites</b>  |  |
|           | <p><b>Target:</b> 100 % protection of culturally important, sacred and spiritual sites that have been reasonably and specifically identified and shared by willing aboriginal communities</p> <p><b>or</b></p> <p>100% conformance to all plan commitments specifically designed to manage for culturally important, sacred and spiritual sites that have been reasonably and specifically identified and shared by willing aboriginal communities.</p> <p><b>Variance:</b> None</p> <p><b>Reporting:</b> Licencees will report the number of roads constructed or cutblocks planned or harvested where culturally important, sacred or spiritual sites had been identified and shared as well as the number that were either relocated or managed/protected in accordance with forest plans.</p> <p>Additionally, report any situation where an unknown feature (not previously identified and shared) was found and then managed or protected.</p> |  |
|           | <b>Indicators Related to the Target</b>  |  |
|           | 1.4.2  | Protection of identified sacred and culturally important sites   |
|           | 5.1.1  | Quantity and quality of timber and non-timber benefits, products, and services produced in the DFA                                     |
|           | 6.1.3  | Level of management and/or protection of areas where culturally important practices and activities (hunting, fishing, gathering) occur |
|           | 6.2.1  | Evidence of understanding and use of Aboriginal knowledge through the engagement of willing Aboriginal communities, using              |

|  |   |            |              |               |                |              |
|--|---|------------|--------------|---------------|----------------|--------------|
|  | a process that identifies and manages culturally important resources and values |            |              |               |                |              |
| <b>Assessment Results:</b>   |   |            |              |               |                |              |
|  | <b>BCTS</b>   | <b>WFN</b> | <b>Tolko</b> | <b>Gorman</b> | <b>Balcaen</b> | <b>Total</b> |
| Redesigned/relocated roads/blks for FN reasons   | 0   | 0          | 1            | 0             | 20             | <b>21</b>    |
| Identified/shared  | 2   | 0          | 6            | 0             | 0              | <b>8</b>     |
| Managed/ protected in accordance with Plans  | 2   | 0          | 6            | 0             | n/a            | <b>8</b>     |
| No. unknown features discovered/reported   | 0   | n/a        | 0            | 0             | n/a            | <b>0</b>     |
| <b>Comments:</b>   |   |            |              |               |                |              |
| <b>Gorman</b> - All blocks harvested in 2010/2011 were reviewed by local First Nations prior to harvest. |   |            |              |               |                |              |

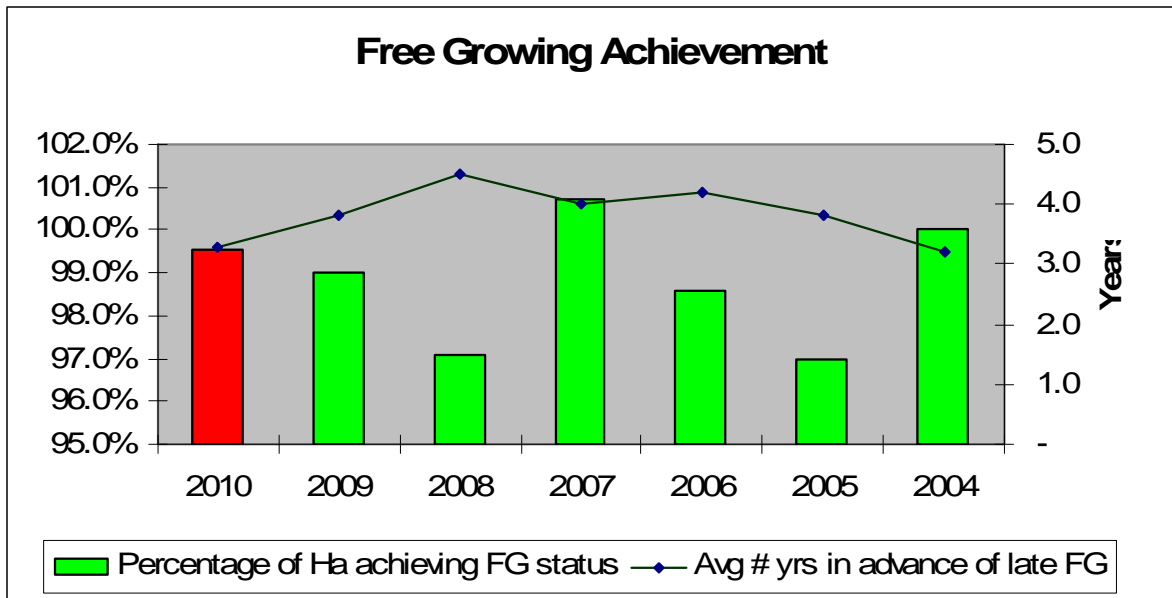
|           |  |  |
|-----------|--|--|
| <b>12</b> | <b>Reforestation - Regeneration Delay</b>  |  |
|           | <p><b>Target:</b> 70 percent of cutblock area planned for planting is completed within two growing seasons. 100 percent of natural regeneration cutblock area meeting natural regeneration delay.</p> <p><b>Variance:</b> None</p> <p><b>Reporting:</b> To enable reporting an information system will be used to generate a summary of area where harvesting was completed and the time delay to have the planned cutblock area planted.</p> <p><b>Data Pool:</b> Regeneration delay due (by Standards Unit (SU)) in the reporting period.</p> <ul style="list-style-type: none"> <li>For SU's with 4 year delay due, compare planting dates and harvest completion date.</li> <li>For SU's with 7 year delay due, compare declaration met</li> </ul> |  |
|           | <b>Indicators Related to the Target</b>  |  |
|           | 2.1.1  | Reforestation Success  |
|           | 2.2.3  | Ecosystems with naturally occurring species (non-core indicator) |

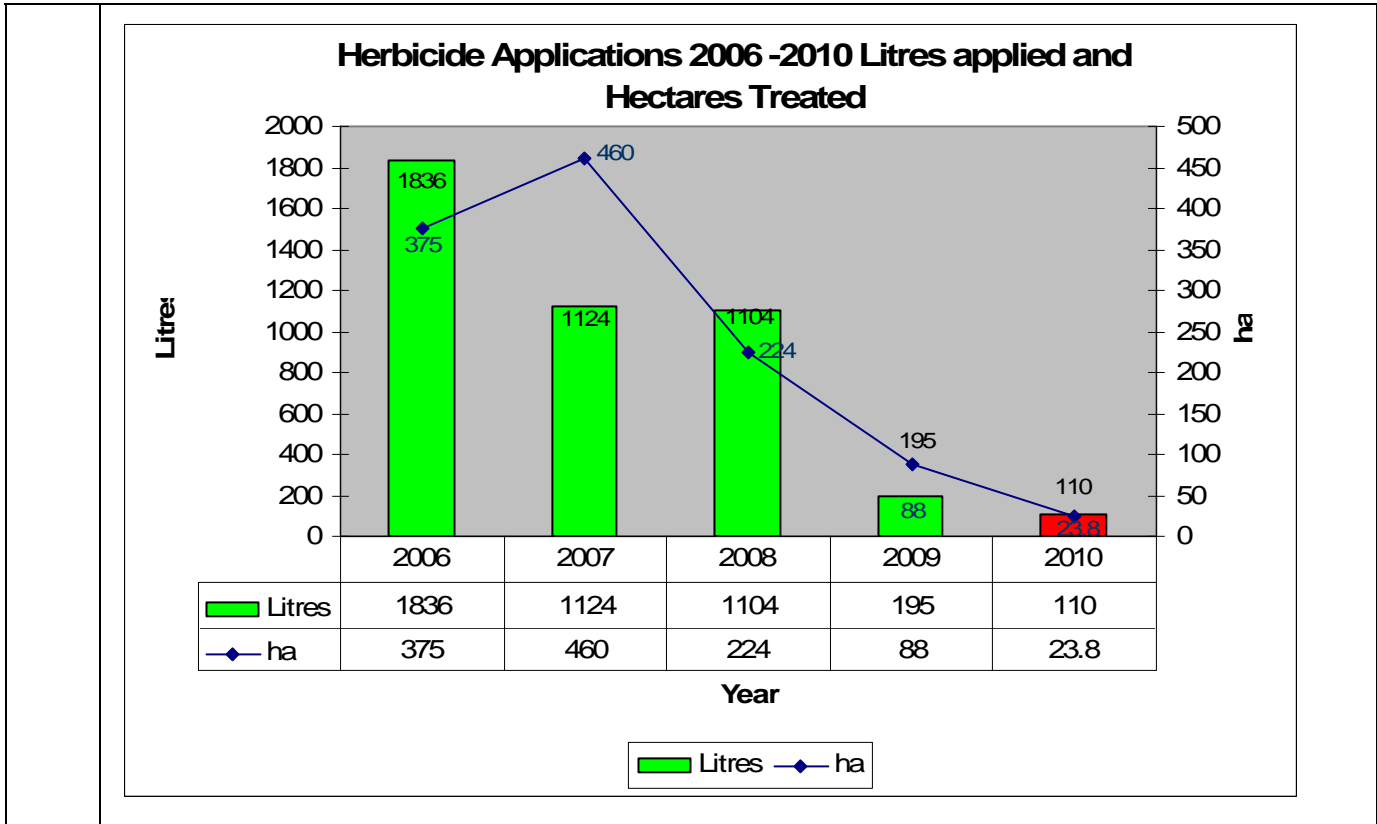
| 4.1.1  | Net Carbon Uptake |        |       |        |        |      |      |           |     |       |       |       |       |           |       |        |       |        |        |
|--|-------------------|--------|-------|--------|--------|------|------|-----------|-----|-------|-------|-------|-------|-----------|-------|--------|-------|--------|--------|
| <p><b>Assessment Results:</b> Within the Reporting Period a total of 6,866 ha were planned for planting within 2 years of harvest, of these 6,480 ha (94%) met the target establishment period.</p> <p>Of the 784ha managed for natural regeneration and surveyed 7 years after harvest 756.3ha (96.5%) were satisfactorily restocked.</p> <div data-bbox="282 495 1401 1098" style="border: 1px solid black; padding: 10px;"> <p style="text-align: center;"><b>Percent of Planted Areas Stocked in &lt; than 2 years and Naturally Reforested Areas Stocked in &lt; 7 Years</b></p>  <table border="1" data-bbox="354 869 1260 995"> <thead> <tr> <th></th> <th>2010</th> <th>2009</th> <th>2008</th> <th>2007</th> <th>2006</th> </tr> </thead> <tbody> <tr> <td>■ Planted</td> <td>94%</td> <td>90.1%</td> <td>92.2%</td> <td>97.1%</td> <td>98.1%</td> </tr> <tr> <td>■ Natural</td> <td>96.5%</td> <td>100.0%</td> <td>99.0%</td> <td>100.0%</td> <td>100.0%</td> </tr> </tbody> </table> <p style="text-align: center;">Year</p> <div style="display: flex; justify-content: center; gap: 50px; margin-top: 10px;"> <span>■ Planted</span> <span>■ Natural</span> </div> </div> |                   |        | 2010  | 2009   | 2008   | 2007 | 2006 | ■ Planted | 94% | 90.1% | 92.2% | 97.1% | 98.1% | ■ Natural | 96.5% | 100.0% | 99.0% | 100.0% | 100.0% |
|  | 2010              | 2009   | 2008  | 2007   | 2006   |      |      |           |     |       |       |       |       |           |       |        |       |        |        |
| ■ Planted  | 94%               | 90.1%  | 92.2% | 97.1%  | 98.1%  |      |      |           |     |       |       |       |       |           |       |        |       |        |        |
| ■ Natural  | 96.5%             | 100.0% | 99.0% | 100.0% | 100.0% |      |      |           |     |       |       |       |       |           |       |        |       |        |        |

|  |   |
|--|---|
| <b>13</b>  | <b>Reforestation – Free-Growing Success</b> |
| <p><b>Target:</b> All cutblocks will reach free growing requirements on or before the latest date.</p> <p><b>Variance:</b> None, except for that allowed within the Regulations</p> <p><b>Reporting:</b> Report on the cutblock area (hectares) that achieved free growing status and the average time (years) that the cutblock outperformed late free growing date (weighted average).</p> <p><b>Data Pool:</b> cutblocks where late free growing is due in the reporting period</p> |   |
| <p><b>Indicators Related to the Target</b></p>   |   |

**Assessment Results:**

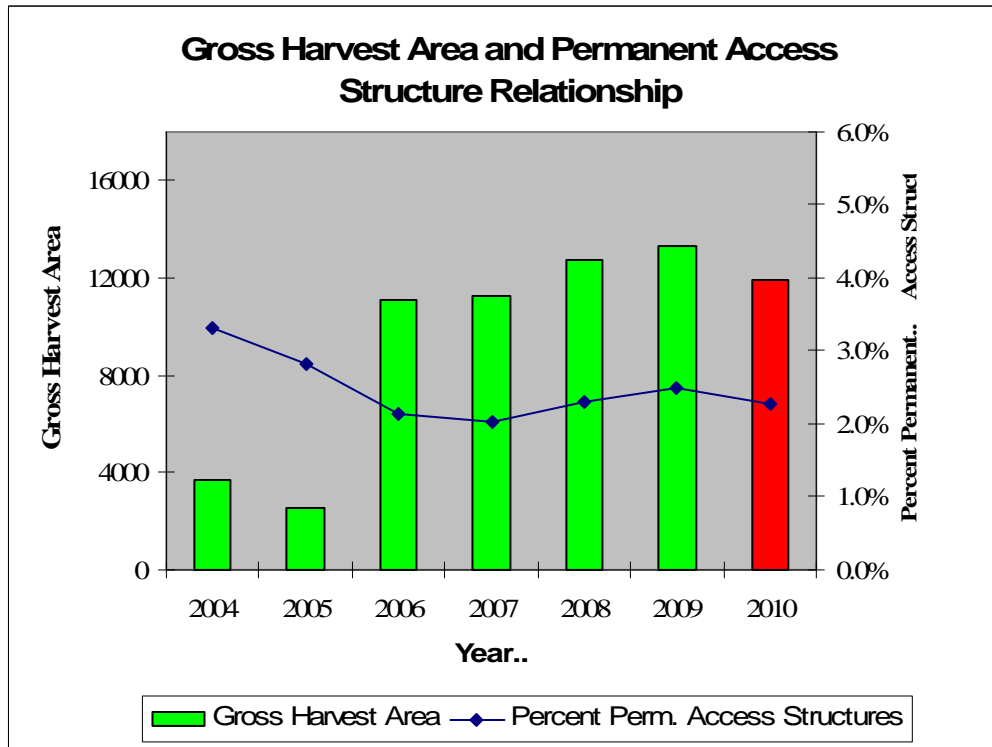
Of the 5,321.1ha surveyed in 2010, 5,296ha, or 99.5% were found to be free-growing before the late free-growing date. See the graph below for comparison with previous years.





|           |   |
|-----------|---|
| <b>14</b> | <b>Percentage of Permanent Roads and Landings in Harvest Areas</b>  |
|           | <p><b>Target:</b> Less than 6 percent, on average, of harvested areas will be in permanent roads and landings.</p> <p><b>Variance:</b> None</p> <p><b>Reporting:</b> To enable reporting an information system will be used to generate a list of cutblocks where harvesting was completed during the reporting period and to provide a summary of gross cutblock area and planned area of permanent roads and landings within these cutblocks.</p> |
|           | <b>Indicators Related to the Target</b>   |
| 2.2.1     | Additions and deletions to the forest area  |
| 3.1.1     | Level of soil disturbance   |
| 4.1.1     | Net Carbon Uptake   |
|           | <b>Assessment Results:</b> The 2010 results indicate that 2.3% of harvested areas are   |

occupied by permanent roads and landing. This is well below the target of being less than 6% on average.



|           |  |  |
|-----------|--|--|
| <b>15</b> | <b>Annual Allowable Cut</b>  |  |
|           | <p><b>Target:</b> Harvest the annual cut over the cut control period.</p> <p><b>Variance:</b> As allowed within the Cut-Control Regulation</p> <p><b>Reporting:</b> Licencees will report the harvest level allocated for each licence and harvest level cut (cut control volume) for the past reporting year. The existing scaling system in place (monitored by MOFR) tracks volume delivered.</p> |  |
|           | <b>Indicators Related to the Target</b>  |  |
|           | 2.2.2  | Proportion of the calculated long-term sustainable harvest level that is actually harvested        |
|           | 5.1.1  | Quantity and quality of timber and non-timber benefits, products, and services produced in the DFA |
|           | 5.2.1  | Level of investment in initiatives that contribute to community                                    |

|       |  |  |
|-------|--|--|
|       |  | stability  |
| 5.2.3 |  | 3 Level of direct and indirect employment  |
| 6.3.1 |  | Evidence that the organization has co-operated with other forest-dependent businesses, forest users, and the local community to strengthen and diversify the local economy |

**Assessment Results:** Of the reporting tenures, which collectively have an Annual Allowable Cut (AAC) of 2,799,129, there was a reported harvest of 2,806,008, representing a 100.24% harvest of the AAC. This is well within the allowed variations for forest tenures.

| Licencee          | 2010 Harvest  | AAC           |
|-------------------|---------------|---------------|
| <b>WFN</b>        |               |               |
| K1P               | 82,781        | 55,000        |
| WL 346            | -             | 1,500         |
| <b>Sub-totals</b> | <b>82,781</b> | <b>56,500</b> |

|                   |                |                |
|-------------------|----------------|----------------|
| <b>Gorman</b>     |                |                |
| FL A18671         | 258,627        | 246,058        |
| NRFL A84051       | 9,333          | 9,333          |
| NRFL A75423       |                | 7,500          |
| <b>Sub-totals</b> | <b>267,960</b> | <b>262,891</b> |

|                   |                  |                  |
|-------------------|------------------|------------------|
| <b>Tolko</b>      |                  |                  |
| TFL 49            | 199,673          | 543,095          |
| FL A18666         | 33,730           | 37,206           |
| FLA18667          | 637,348          | 655,224          |
| FLA18672          | 300,257          | 205,602          |
| FL A20191         | 48,410           | 52,253           |
| FL A74912         | 452,278          | 150,000          |
| FL A18632         | 56,489           | 13,762           |
| FL A76247         | 198              | 38,862           |
| FL A87114         | 867              | n/a              |
| <b>Sub-totals</b> | <b>1,728,383</b> | <b>1,696,004</b> |

|                         |               |               |
|-------------------------|---------------|---------------|
| <b>Managed by Tolko</b> |               |               |
| FL A80260               |               |               |
| FL A80627               | 27,547        | 31,291        |
| <b>Sub-Totals</b>       | <b>27,547</b> | <b>31,291</b> |

|              |  |  |
|--------------|--|--|
| <b>BCTS*</b> |  |  |
|--------------|--|--|

|  |                  |                  |
|--|------------------|------------------|
| BCTS TSA   | 458,660          | 615,294          |
| BCTS TFL 59  | -                | 3,594            |
| BCTS TFL 49  | 109,870          | 36,905           |
| BCTS TFL 33  | -                | 1,450            |
| <b>Sub-totals</b>  | <b>568,530</b>   | <b>657,243</b>   |
| <b>Other</b>   |                  |                  |
| NRFL A84998  |                  | 20,000           |
| NRFL A79888  | 66,442           | 50,000           |
| NRFL 80589   |                  | 20,000           |
| NRFL 79840   |                  | 37,500           |
| FL A80628  | 52,757           | 37,700           |
| FL A61108  | 11,608           |                  |
| <b>Sub-totals</b>  | <b>130,807</b>   | <b>95,200</b>    |
| <b>Grand-Totals</b>  | <b>2,806,008</b> | <b>2,799,129</b> |
| <p><i>* BCTS Harvest is the volume which crossed a scale in the reporting period, not the volume sold</i></p> <p>In addition, there was a reported harvest by Tolko of 6,360m3 on TO 816 which does not have a formal AAC – Tolko uses 25,000 m3/year for internal purposes.</p> |                  |                  |

|           |   |                           |
|-----------|---|---------------------------|
| <b>16</b> | <b>Soil Disturbance Limits</b>  |                           |
|           | <p><b>Target:</b> Zero percent of cutblocks harvested in which soil disturbance exceeds specified level of disturbance.</p> <p><b>Variance:</b> None</p> <p><b>Reporting:</b> Utilize incident reports completed for the reporting year to determine the number of non-conformances related to soil disturbance commitments made in plans. Also agreed to report percent of areas harvested where the maximum allowable soil disturbance level was 5%, indicating operations on more sensitive soils.</p> <p><b>Data Pool:</b> For area of sensitive soils, reporting based on net area to be reforested.</p> |                           |
|           | <b>Indicators Related to the Target</b>   |                           |
|           | 3.1.1   | Level of soil disturbance |

**Assessment Results:** The results indicate that all 345 harvested blocks were within their prescribed soil disturbance limits. In addition, 5.7% of the area harvested had the more restrictive “sensitive” soil disturbance limit of 5%.

| Licencee      | CB's within soil dist | Total # Blocks | %           | NAR (ha)     | Ha where SD @ 5% | Percentage  |
|---------------|-----------------------|----------------|-------------|--------------|------------------|-------------|
| BCTS          | 42                    | 42             | 100%        | 2250         | 422              | 18.7%       |
| WFN           | 9                     | 9              | 100%        | 528          | 12               | 2.4%        |
| Tolko         | 243                   | 243            | 100%        | 6150         | 132              | 2.1%        |
| Gorman        | 20                    | 20             | 100%        | 821          | 8                | 1.0%        |
| Balcaen       | 24                    | 24             | 100%        | 296          | 4                | 1.2%        |
| YucW          | 7                     | 7              | 100%        | 151          | 8                | 5.3%        |
| <b>Totals</b> | <b>345</b>            | <b>345</b>     | <b>100%</b> | <b>10195</b> | <b>586</b>       | <b>5.7%</b> |

## 17 Landslides

**Target:** Zero slides induced from forest management activities.

**Variance:** none

**Reporting:** Utilize incident reports completed for the reporting year to compile the number of slides >0.1 hectare from forest management activities. For perspective, cutblock area where harvesting was completed during the reporting period will be provided.

### Indicators Related to the Target

3.1.1 Level of soil disturbance

**Assessment Results:** There were no landslides reported in 2010.

| Licencee           | Slides # | Harvested Area (ha) | Permanent Rd Inspected (km) |
|--------------------|----------|---------------------|-----------------------------|
| BCTS               | 0        | 2,688.4             | 803                         |
| WFN                | 0        | 527.6               | -                           |
| Tolko              | 0        | 6,413.5             | 1,178.9                     |
| Gorman             | 0        | 929.9               | 578.0                       |
| Balcaen            | 0        | 296.2               |                             |
| Guidet 79840/90589 | 0        | 170.6               |                             |
| <b>Totals</b>      | <b>0</b> | <b>11,026.2</b>     | <b>2,559.9</b>              |

| <b>18</b>   | <b>Coarse Woody Debris Retention</b> |         |     |       |        |      |            |      |      |         |     |       |        |      |        |                                    |    |    |   |     |    |   |            |                              |    |    |   |     |    |   |            |
|---|--------------------------------------|---------|-----|-------|--------|------|------------|------|------|---------|-----|-------|--------|------|--------|------------------------------------|----|----|---|-----|----|---|------------|------------------------------|----|----|---|-----|----|---|------------|
| <p><b>Target:</b> One hundred percent of cut-blocks will be consistent with the CWD requirements identified in plans.</p> <p><b>Variance:</b> None</p> <p><b>Reporting:</b> Report on adherence to CWD strategies identified in plans for cutblocks where harvesting was completed during reporting period. To enable reporting, an information system will be used to generate a list of cutblocks where harvesting was completed and a list of cutblocks that comply with the stated CWD targets.</p>   |                                      |         |     |       |        |      |            |      |      |         |     |       |        |      |        |                                    |    |    |   |     |    |   |            |                              |    |    |   |     |    |   |            |
| <b>Indicators Related to the Target</b>   |                                      |         |     |       |        |      |            |      |      |         |     |       |        |      |        |                                    |    |    |   |     |    |   |            |                              |    |    |   |     |    |   |            |
| 3.1.2   | Level of downed woody debris         |         |     |       |        |      |            |      |      |         |     |       |        |      |        |                                    |    |    |   |     |    |   |            |                              |    |    |   |     |    |   |            |
| <p><b>Assessment Results:</b> All 345 harvested areas were in compliance with the CWD requirements for these areas.</p> <table border="1"> <thead> <tr> <th>Item</th> <th>BCTS</th> <th>Balcaen</th> <th>WFN</th> <th>Tolko</th> <th>Gorman</th> <th>Yucw</th> <th>Totals</th> </tr> </thead> <tbody> <tr> <td>CB's meeting Plan CWD requirements</td> <td>42</td> <td>24</td> <td>9</td> <td>243</td> <td>20</td> <td>7</td> <td><b>345</b></td> </tr> <tr> <td>Total # Cut Blocks harvested</td> <td>42</td> <td>24</td> <td>9</td> <td>243</td> <td>20</td> <td>7</td> <td><b>345</b></td> </tr> </tbody> </table> |                                      |         |     |       |        |      |            | Item | BCTS | Balcaen | WFN | Tolko | Gorman | Yucw | Totals | CB's meeting Plan CWD requirements | 42 | 24 | 9 | 243 | 20 | 7 | <b>345</b> | Total # Cut Blocks harvested | 42 | 24 | 9 | 243 | 20 | 7 | <b>345</b> |
| Item  | BCTS                                 | Balcaen | WFN | Tolko | Gorman | Yucw | Totals     |      |      |         |     |       |        |      |        |                                    |    |    |   |     |    |   |            |                              |    |    |   |     |    |   |            |
| CB's meeting Plan CWD requirements  | 42                                   | 24      | 9   | 243   | 20     | 7    | <b>345</b> |      |      |         |     |       |        |      |        |                                    |    |    |   |     |    |   |            |                              |    |    |   |     |    |   |            |
| Total # Cut Blocks harvested  | 42                                   | 24      | 9   | 243   | 20     | 7    | <b>345</b> |      |      |         |     |       |        |      |        |                                    |    |    |   |     |    |   |            |                              |    |    |   |     |    |   |            |

| <b>19</b>     | <b>Retention of Piles and Windrows</b>  |                              |            |                              |                          |            |      |   |   |      |     |   |   |      |       |    |    |     |        |   |   |      |               |           |           |            |
|---------------|---|------------------------------|------------|------------------------------|--------------------------|------------|------|---|---|------|-----|---|---|------|-------|----|----|-----|--------|---|---|------|---------------|-----------|-----------|------------|
|               | <p><b>Target:</b> One hundred percent of cut blocks that require debris accumulating to meet reforestation objectives have a proportion of loose piles or windrows retained.</p> <p><b>Variance:</b> 10%</p> <p><b>Reporting:</b> To enable reporting, an information system will be used to generate a list of blocks where burning of accumulations piled during site prep occurred, and those blocks which met the target of retaining a portion of loose piles or windrows.</p>   |                              |            |                              |                          |            |      |   |   |      |     |   |   |      |       |    |    |     |        |   |   |      |               |           |           |            |
|               | <b>Indicators Related to the Target</b>   |                              |            |                              |                          |            |      |   |   |      |     |   |   |      |       |    |    |     |        |   |   |      |               |           |           |            |
|               | 3.1.2   | Level of downed woody debris |            |                              |                          |            |      |   |   |      |     |   |   |      |       |    |    |     |        |   |   |      |               |           |           |            |
|               | <p><b>Assessment Results:</b></p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Licencee</th> <th># Blocks with Debris Planned</th> <th># Blocks Debris Retained</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>BCTS</td> <td>7</td> <td>7</td> <td>100%</td> </tr> <tr> <td>WFN</td> <td>2</td> <td>2</td> <td>100%</td> </tr> <tr> <td>Tolko</td> <td>63</td> <td>60</td> <td>95%</td> </tr> <tr> <td>Gorman</td> <td>7</td> <td>7</td> <td>100%</td> </tr> <tr> <td><b>Totals</b></td> <td><b>79</b></td> <td><b>76</b></td> <td><b>96%</b></td> </tr> </tbody> </table> <p><b>Comments:</b></p> <p><b>Tolko</b> - This is within the 10% variance. Two blocks were very small, and on the third block, the piles were too large to retain</p> <p><b>WFN</b> - WFN's intention was to create wildlife piles from scattered in-block debris. Very little in-block debris was created. Retained piles were originally constructed for burning</p> <p><b>BCTS</b> - 7 blocks mechanically site prepped by piling debris. 7 blocks retained a proportion of unburned loose piles.</p> |                              | Licencee   | # Blocks with Debris Planned | # Blocks Debris Retained | Percentage | BCTS | 7 | 7 | 100% | WFN | 2 | 2 | 100% | Tolko | 63 | 60 | 95% | Gorman | 7 | 7 | 100% | <b>Totals</b> | <b>79</b> | <b>76</b> | <b>96%</b> |
| Licencee      | # Blocks with Debris Planned  | # Blocks Debris Retained     | Percentage |                              |                          |            |      |   |   |      |     |   |   |      |       |    |    |     |        |   |   |      |               |           |           |            |
| BCTS          | 7   | 7                            | 100%       |                              |                          |            |      |   |   |      |     |   |   |      |       |    |    |     |        |   |   |      |               |           |           |            |
| WFN           | 2   | 2                            | 100%       |                              |                          |            |      |   |   |      |     |   |   |      |       |    |    |     |        |   |   |      |               |           |           |            |
| Tolko         | 63  | 60                           | 95%        |                              |                          |            |      |   |   |      |     |   |   |      |       |    |    |     |        |   |   |      |               |           |           |            |
| Gorman        | 7   | 7                            | 100%       |                              |                          |            |      |   |   |      |     |   |   |      |       |    |    |     |        |   |   |      |               |           |           |            |
| <b>Totals</b> | <b>79</b>   | <b>76</b>                    | <b>96%</b> |                              |                          |            |      |   |   |      |     |   |   |      |       |    |    |     |        |   |   |      |               |           |           |            |

**20 Harvesting Within Community Watersheds**

**Target:** Maintain ECA's in community watersheds such that the peak flow hazard is at or below a moderate rating. If it is necessary to increase the peak flow hazard beyond moderate as the result of harvesting for forest health or because of catastrophic natural events, the harvesting must be consistent with the recommendations in the watershed assessment.

**Variance:** n/a

**Reporting:** Licencees will report the peak flow hazard for all community watersheds where harvest operations occurred. Where the hazard exceeds moderate, licencees will further report if harvesting was consistent with recommendations contained in the watershed assessment.

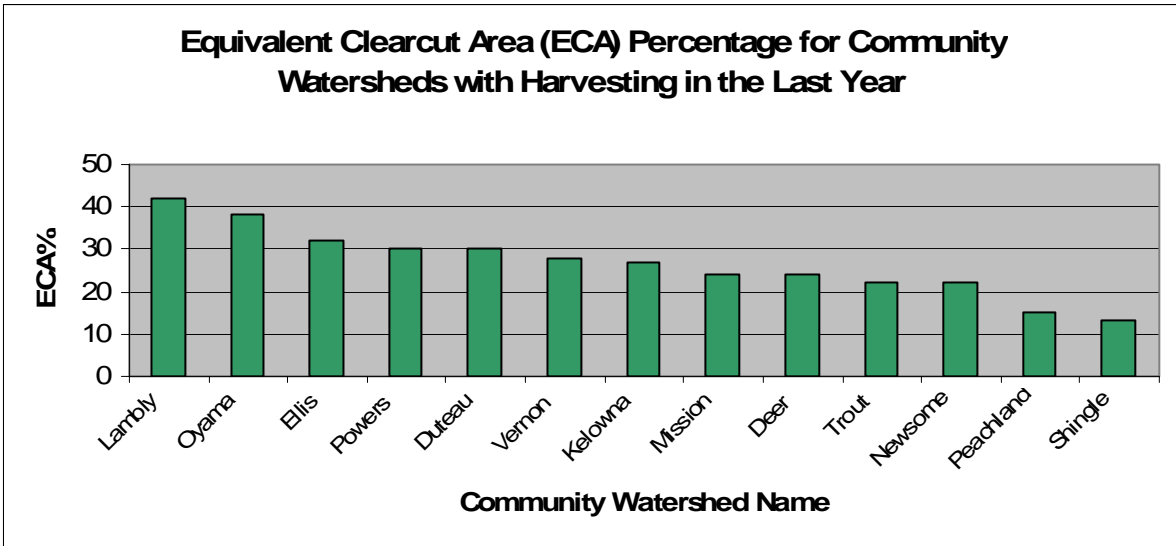
**Report** current equivalent clear cut area (ECA) for all community watersheds where harvesting operations occurred during the reporting period. *Use recent ECA determinations (new calculation not needed) when planned incursion for harvest is minor (such as a small amount of salvage harvest).*

**Data Pool:** Reporting based on NAR, species data based in inventory label.

**Indicators Related to the Target**

|       |   |
|-------|---|
| 3.2.1 | Proportion of watershed or water management areas with recent stand-replacing disturbance |
|-------|---|

**Assessment Results:**



| Community Watershed     | ECA (%) | Harvest in Year (Y/N) | Peak Flow Hazard | Harvest Consistent (Y/N/) |
|-------------------------|---------|-----------------------|------------------|---------------------------|
| Lambly                  | 42      | Y                     | Med              | Yes                       |
| Oyama                   | 38      | Y                     | Med              | Yes                       |
| Ellis                   | 32      | Y                     | Med              | Yes                       |
| Duteau                  | 30      | Y                     | Med              | Yes                       |
| Powers                  | 30      | Y                     | Med              | Yes                       |
| Vernon                  | 28      | Y                     | Med              | Yes                       |
| Kelowna                 | 27      | Y                     | Med              | Yes                       |
| Mission                 | 24      | Y                     | Low              | Yes                       |
| Deer                    | 24      | Y                     | Low              | Yes                       |
| Mission                 | 24      | Y                     | Low              | Yes                       |
| Mission                 | 24      | Y                     | Low              | Yes                       |
| Newsome                 | 22      | Y                     | Low              | Yes                       |
| Trout                   | 22      | Y                     | Low              | Yes                       |
| Trout                   | 22      | Y                     | Low              | Yes                       |
| Peachland               | 15      | Y                     | Low              | Yes                       |
| Shingle                 | 13      | Y                     | Low              | Yes                       |
| Trepanier               | 12      | Y                     | Low              | Yes                       |
| Brash                   | 9       | Y                     | Low              | Yes                       |
| Irish                   | 0       | Y                     | Low              | Yes                       |
| Alocin                  | 67      | N                     |                  | n/a                       |
| Lambly                  | 42      | N                     | Med              | n/a                       |
| Wade                    | 31      | N                     |                  | n/a                       |
| Powers                  | 30      | N                     | Med              | n/a                       |
| Coldstream              | 26      | N                     |                  | n/a                       |
| Maid                    | 22      | N                     |                  | n/a                       |
| Scotty                  | 22      | N                     |                  | n/a                       |
| Wiseman                 | 20      | N                     |                  | n/a                       |
| Meighan                 | 18      | N                     |                  | n/a                       |
| Glanzier                | 17      | N                     |                  | n/a                       |
| BX                      | 16      | N                     |                  | n/a                       |
| Naramata/Robinson/Chute | 16      | N                     | Low              | n/a                       |
| East Canoe              | 15      | N                     |                  | n/a                       |

|  |             |    |   |     |     |
|--|-------------|----|---|-----|-----|
|  | Kendry      | 15 | N |     | n/a |
|  | Peachland   | 15 | N | Low | n/a |
|  | Trepanier   | 12 | N |     | n/a |
|  | Sicamous    | 9  | N |     | n/a |
|  | Olalla      | 3  | N | Low | n/a |
|  | White Cliff | 1  | N |     | n/a |
|  | Fortune     | 0  | N |     | n/a |
|  | Hope        | 0  | N |     | n/a |
|  | Norris      | 0  | N |     | n/a |

|           |  |                            |
|-----------|--|----------------------------|
| <b>21</b> | <b>Stream Crossings in Community Watersheds</b>  |                            |
|           | <p><b>Target:</b> 100% of newly constructed or reconstructed permanent road stream crossings in Community Watersheds have a water quality effectiveness evaluation incorporated into the planning, construction, and maintenance and monitoring phases. Licencees will bench mark and report on the number of crossings rated as High, Medium and Low. No “High” ratings</p> <p><b>Variance:</b> 25% variance allowed regarding effectiveness evaluations. “High” rating acceptable if reasonable mitigation measures taken</p> <p><b>Reporting:</b> Licencees report both the number of new or reconstructed permanent road stream crossings in Community Watersheds, and the number of those stream crossings that have had a water quality effectiveness evaluation completed.<br/>The number of crossings rated as High, Medium and Low will be reported<br/>The number of crossings rated as High excluding those where all reasonable mitigation measures were taken</p> |                            |
|           | <b>Indicators Related to the Target</b>  |                            |
|           | 3.2.2  | Water Quality and Quantity |
|           | <b>Assessment Results:</b>   |                            |

| Licencee      | New or Reconstructed Permanent Stream X'ings | Number with Evaluation completed | High     | Med      | Low       | # High Where Mitigation Implemented |
|---------------|--|----------------------------------|----------|----------|-----------|-------------------------------------|
| BCTS          | 1  | 1                                |          |          | 1         | 0                                   |
| WFN           | 0  | 0                                |          |          |           | 0                                   |
| Tolko         | 10   | 15                               | 1        | 6        | 8         | 1                                   |
| Gorman        | 5  | 4                                | 0        | 0        | 4         | 0                                   |
| <b>Totals</b> | <b>16</b>                                    | <b>20</b>                        | <b>1</b> | <b>6</b> | <b>13</b> | <b>1</b>                            |

**Comments:**

**Tolko** - The extra 5 evaluations are for crossings completed in the previous reporting period that did not have evaluations completed.

The crossing with the rating of high has been seeded, has had a ditch line sump installed, and the long pitch above the crossing has been extensively waterbarred. This crossing will be scheduled for permanent deactivation once planting has been completed.

**Gorman** – One evaluation had to be re-scheduled for Spring 2011 due to the fact that the stream crossing was installed late in the fall, and the exposed soil was snow-covered.

| 22 | <b>Permanent Road Inspections</b>  |   |
|----|--|---|
|    | <p><b>Target:</b> 100 percent of permanent roads inspections will be completed as planned.</p> <p><b>Variance:</b> None</p> <p><b>Reporting:</b> To enable reporting, units will keep a file for inspections required based on the roads risk (high, medium and low). For the reporting period, query permanent road information system for inspections planned and completed.</p> <p><i>Reporting will also include percent of perm roads by High, Medium and Low risk category (if a Licencee had a VH category, they would be added to the H category for reporting).</i></p> |   |
|    | <b>Indicators Related to the Target</b>  |   |
|    | 3.2.3  | Completion of inspections on permanent roads (non core indicator) |
|    | <p><b>Assessment Results:</b> Overall 2303.2 of 2619.4 km (88%) of roads planned for inspection were inspected. In addition there was another 291.9km inspected which had not been scheduled for inspection. If these additional km are included, the performance</p>  |   |

rises to 95.6%

| Licencee      | Km of Road Inspections |                | Roads by Risk Cat. (%) |       |       |
|---------------|------------------------|----------------|------------------------|-------|-------|
|               | Required               | Completed      | High                   | Mod   | Low   |
| BCTS          | 704.7                  | 704.7          | 8.1                    | 25.7  | 55.1  |
| WFN           | 0.0                    | 0.0            | See Note Below         |       |       |
| Tolko         | 1295.2                 | 979.0          | 1.22                   | 21.84 | 76.94 |
| Gorman        | 578.0                  | 578.0          | 50.7                   | 45.2  | 4.1   |
| YucW          | 41.5                   | 41.5           |                        |       |       |
| <b>Totals</b> | <b>2,619.4</b>         | <b>2,303.2</b> |                        |       |       |

**Comments:**

**WFN** - Risk rating to be completed in 2011 as part of our EMS

**Tolko** - An additional 199.9 km of inspections were completed on roads that did not require inspection.

**BCTS**

A total of 92 more km were inspected than initially scheduled. A number of roads, representing 11.1% of the BCTS total, were recently transferred from major licencees and have yet to be assessed and the risk category determined.

|           |   |
|-----------|---|
| <b>23</b> | <b>Temporary Road Inspections</b>   |
|           | <b>Target:</b> Inspect all temporary status roads at least once per year until rehabilitated. |

**Variance:** None

**Reporting:** Inspections on temporary roads (where not rehabilitated at the completion of harvesting) are conducted in the field and will be recorded. Information systems will be used to ensure rehabilitation activities and inspections are completed as planned.

**Indicators Related to the Target**

3.2.4 Completion of inspections on temporary roads (non core indicator)

**Assessment Results:** A weighted average inspection frequency of 80.4% was attained in 2010. This is below the stated target of 100% ( with no variance). Detailed results below:

| Licencee      | Km of Rd Inspection |              | Percent      |
|---------------|---------------------|--------------|--------------|
|               | Required            | Completed    | Completion   |
| BCTS          | 10.0                | 10.0         | 100.0%       |
| WFN           | 9.5                 | 0.0          | 0.0%         |
| Tolko         | 207.5               | 167.5        | 80.7%        |
| Gorman        | 11.4                | 11.4         | 100.0%       |
| YucW          | 14.7                | 14.7         | 100.0%       |
| <b>Totals</b> | <b>253.1</b>        | <b>203.5</b> | <b>80.4%</b> |

**Comments:**

**WFN** - Many of the temporary roads constructed in 2009/10 were also utilized in 2010/11. Although no issues were reported formal inspections were not completed.

|           |   |  |
|-----------|---|--|
| <b>24</b> | <b>Revegetation of Roads and Landings</b>   |  |
|           | <p><b>Target:</b> Permanent road cut and fill slope revegetation application carried out within the current growing season of road completion under normal conditions; and for roads completed during winter, revegetation application will be completed before or during favourable germinating conditions the following spring.</p> <p>100 percent of rights-of-way revegetated for noxious weed and erosion control with Canada No.1 or equivalent grass seed.</p> <p><b>Variance:</b> 5%</p> <p><b>Reporting:</b> Licencees will retain a record of permanent road construction and subsequent application of grass seed for the reporting period. The records will be used to provide a summary of timing of right-of-way revegetation application. Units will provide a file for tracking the grass seed purchased. Compile total amount of Canada No. 1 or equivalent seed purchased (kilograms) and compare to total seed purchased (kilograms) for the reporting period.</p> |  |
|           | <b>Indicators Related to the Target</b>   |  |
| 3.2.5     | Amount of time for road cut and fill slope revegetation application (non core indicator)  |  |
| 5.1.1     | Quantity and quality of timber and non-timber benefits, products, and services produced in the DFA  |  |
| 6.3.1     | Evidence that the organization has co-operated with other forest-dependent businesses, forest users, and the local community to strengthen and diversify the local economy  |  |

**Assessment Results:** The results indicate that revegetation was carried out on only 51% of the newly constructed “non-winter” permanent road and 34% of the newly constructed permanent “winter” road within the reporting period. This is well below the target of 100% and 5% tolerance in both cases. All revegetation was completed using Canada No 1 seed.

| Licencee      | Km Perm Non-Winter |                  | %         | Km Perm Winter |                  | %         | Kg. Seed Used |             | %          |
|---------------|--------------------|------------------|-----------|----------------|------------------|-----------|---------------|-------------|------------|
|               | Constr.            | Constr. & Reveg. |           | Constr.        | Constr. & Reveg. |           | No. 1         | Total       |            |
| BCTS          | 21.6               | 20.2             | 94        | 0              | 0                | n/a       | 556           | 556         | 100        |
| WFN           | 0                  | 0                | n/a       | n/a            | n/a              | n/a       | n/a           | n/a         | n/a        |
| Tolko         | 45.3               | 13.1             | 29        | 66.0           | 22.1             | 34        | 4740          | 4740        | 100        |
| Gorman        | 14                 | 14               | 100       | 0              | 0                | n/a       | 400           | 400         | 100        |
| yucw          | 12.6               | 0                | 0         |                |                  |           |               |             | n/a        |
|               |                    |                  |           |                |                  |           |               |             |            |
| <b>Totals</b> | <b>93.5</b>        | <b>47.3</b>      | <b>51</b> | <b>66.0</b>    | <b>22.1</b>      | <b>34</b> | <b>5696</b>   | <b>5696</b> | <b>100</b> |

**Note:** Although the grass seeding percentages for Tolko are very low, it appears that this is a tracking issue, rather than a performance issue, as evidenced by the number of KG of grass seed applied

## 25 Environmental Incidents Within Riparian Areas

**Target:** Licencees will report the number of environmental incidents related to riparian areas. 100% of action items to restore the area and/or prevent the reoccurrence of those incidents will be completed within the timeframes.

**Variance:** None

**Reporting:** Licencees will record any non-conformances to riparian areas that are contained within plans as an environmental incident. Incident reports will have appropriate action items to restore the area and/or prevent the incidents re-occurrence. Licencees will report number of related incidents, number of action items planned and the number of action items completed within their set timeframe.

| Indicators Related to the Target  |   |                     |                    |                     |      |   |   |        |   |   |       |   |   |     |   |   |               |          |          |
|---|---|---------------------|--------------------|---------------------|------|---|---|--------|---|---|-------|---|---|-----|---|---|---------------|----------|----------|
| 3.2.6   | Level of conformance to riparian area commitments within plans (non-core indicator) |                     |                    |                     |      |   |   |        |   |   |       |   |   |     |   |   |               |          |          |
| <p><b>Assessment Results:</b></p> <table border="1"> <thead> <tr> <th>Licencee</th> <th>Riparian Incidents</th> <th>Incomplete Response</th> </tr> </thead> <tbody> <tr> <td>BCTS</td> <td>1</td> <td>0</td> </tr> <tr> <td>Gorman</td> <td>0</td> <td>0</td> </tr> <tr> <td>Tolko</td> <td>2</td> <td>0</td> </tr> <tr> <td>WFN</td> <td>0</td> <td>0</td> </tr> <tr> <td><b>Totals</b></td> <td><b>3</b></td> <td><b>0</b></td> </tr> </tbody> </table> <p><b>Comments:</b></p> <p><b>BCTS</b> - On a weekend within the Mugford area, an unknown driver apparently lost control of his vehicle which left the road and ended up in a riparian area. Driver then pulled the vehicle out with another vehicle stolen from a BCTS licensee. An unknown quantity of fuel from the drivers vehicle spilled into the riparian area. Reported to PEP.</p> <p><b>Tolko</b> -The first incident was a non-classified drainage road crossing that gave way under a loader. Damage was minor, with 168 m3 of coarse material that entered the NCD. Water was flowing clear within 25 meters of the event.</p> <p>The second incident was a riparian management zone that was clearcut rather than following the site plan that stated only large and beetle prone trees would be removed. The licensee was found to have shown adequate due diligence in the work instructions to the contractor. The contractor received a fine from the government for the incident. There were two tasks assigned and completed during the reporting period associated with these incidents. A third task is scheduled for completion in 2011 (evaluation of effectiveness of the corrective action plan).</p> |   | Licencee            | Riparian Incidents | Incomplete Response | BCTS | 1 | 0 | Gorman | 0 | 0 | Tolko | 2 | 0 | WFN | 0 | 0 | <b>Totals</b> | <b>3</b> | <b>0</b> |
| Licencee  | Riparian Incidents  | Incomplete Response |                    |                     |      |   |   |        |   |   |       |   |   |     |   |   |               |          |          |
| BCTS  | 1   | 0                   |                    |                     |      |   |   |        |   |   |       |   |   |     |   |   |               |          |          |
| Gorman  | 0   | 0                   |                    |                     |      |   |   |        |   |   |       |   |   |     |   |   |               |          |          |
| Tolko   | 2   | 0                   |                    |                     |      |   |   |        |   |   |       |   |   |     |   |   |               |          |          |
| WFN   | 0   | 0                   |                    |                     |      |   |   |        |   |   |       |   |   |     |   |   |               |          |          |
| <b>Totals</b>   | <b>3</b>  | <b>0</b>            |                    |                     |      |   |   |        |   |   |       |   |   |     |   |   |               |          |          |

| 26 | Value-added and Business Initiatives/Partnerships  |
|----|--|
|    | <p>Target: Maintain active involvement with value-added and business initiatives/partnerships.</p> <p><b>Variance:</b> n/a</p> <p><b>Reporting:</b> Licencees report on value-added and business initiatives/partnerships.</p> |

| <b>Indicators Related to the Target</b>  |  |
|--|--|
| 5.1.1  | Quantity and quality of timber and non-timber benefits, products, and services produced in the DFA   |
| 5.2.1  | Level of investment in initiatives that contribute to community stability  |
| 6.3.1  | Evidence that the organization has co-operated with other forest-dependent businesses, forest users, and the local community to strengthen and diversify the local economy |
| <p><b>Assessment Results:</b> The participating licencees report the following value-added and business initiatives/partnerships for the reporting period:</p> <p><b>BCTS</b> - In 2010-11 BCTS sold timber to the following BCTS licensees who in turn sold the logs they produced to other manufacturing facilities or used in their own operations:</p> <ul style="list-style-type: none"> <li>• Leonard Gudeit</li> <li>• Larry Buff</li> <li>• Thomas Lusted</li> <li>• Eric Buff</li> <li>• Paul Valihora</li> <li>• DLB Logging Ltd</li> <li>• Schapol Logging Ltd.</li> <li>• North Enderby timber Ltd.</li> <li>• Doug Bateman Logging Ltd.</li> <li>• Patrick Lawrence</li> <li>• Cridland logging Ltd.</li> </ul> <p><b>Tolko</b><br/> During the reporting period, Tolko sold 169,000 m3 to 62 different value-added customers, including log house builders, timber frame house builders, transmission pole companies, custom cut sawmills, cedar lumber manufacturers, post and rail manufacturers, guitar makers, and whole log chippers. Tolko also purchased 1,200,000 m3 of logs from 73 different suppliers.</p> <p><b>Gorman</b></p> <ul style="list-style-type: none"> <li>• Oversize Spruce tone wood</li> <li>• Penticton Indian Band Forest Tech Crew</li> <li>• All Gorman Bros. products are “value added”...</li> </ul> |  |

|           |                                      |
|-----------|--------------------------------------|
| <b>27</b> | <b>Access Management Commitments</b> |
|-----------|--------------------------------------|

| <p><b>Target:</b> 100 percent of annual access management commitments contained within the FSP will be implemented during the reporting period.</p> <p><b>Variance:</b> None</p> <p><b>Reporting:</b> To enable reporting, licencees will utilize Forest Stewardship Plan access and timing restriction information. To determine the above has been achieved, refer to the information system for road completion status, access management commitment status, and other relevant information.</p>   |  |                 |              |  |             |                 |      |   |   |        |   |   |       |    |   |     |   |   |               |    |   |
|---|--|-----------------|--------------|--|-------------|-----------------|------|---|---|--------|---|---|-------|----|---|-----|---|---|---------------|----|---|
| <p><b>Indicators Related to the Target</b></p>  |  |                 |              |  |             |                 |      |   |   |        |   |   |       |    |   |     |   |   |               |    |   |
| 5.1.1   | Quantity and quality of timber and non-timber benefits, products, and services produced in the DFA   |                 |              |  |             |                 |      |   |   |        |   |   |       |    |   |     |   |   |               |    |   |
| 5.2.5   | Opportunities for public access and for public input   |                 |              |  |             |                 |      |   |   |        |   |   |       |    |   |     |   |   |               |    |   |
| 6.3.1   | Evidence that the organization has co-operated with other forest-dependent businesses, forest users, and the local community to strengthen and diversify the local economy |                 |              |  |             |                 |      |   |   |        |   |   |       |    |   |     |   |   |               |    |   |
| <p><b>Assessment Results:</b></p> <table border="1" data-bbox="500 991 1183 1245"> <thead> <tr> <th rowspan="2">Licencee</th> <th colspan="2">Access Plans</th> </tr> <tr> <th>Implemented</th> <th>Not Implemented</th> </tr> </thead> <tbody> <tr> <td>BCTS</td> <td>1</td> <td>0</td> </tr> <tr> <td>Gorman</td> <td>3</td> <td>0</td> </tr> <tr> <td>Tolko</td> <td>23</td> <td>3</td> </tr> <tr> <td>WFN</td> <td>0</td> <td>0</td> </tr> <tr> <td><b>Totals</b></td> <td>27</td> <td>3</td> </tr> </tbody> </table> <p><b>Tolko</b> -There were 3 sections of road totaling 0.9 km where the necessary deactivation/rehabilitation did not occur as required. The specific resource values include mule deer winter range, critical moose winter range, and a walk-in lake buffer area.</p> <p>The access plan commitments implemented include construction of one gate, and deactivation/rehabilitation of 22 road sections totaling 7.6 km within walk-in lake buffers, mule deer winter range, or high/moderate grizzly bear habitat. The gate was constructed to restrict access to a walk-in lake.</p> <p>.</p> <p><b>Gorman</b> – Commitments Implemented:</p> <ul style="list-style-type: none"> <li>• Rouse Road blocked Sept 2010</li> </ul> |  | Licencee        | Access Plans |  | Implemented | Not Implemented | BCTS | 1 | 0 | Gorman | 3 | 0 | Tolko | 23 | 3 | WFN | 0 | 0 | <b>Totals</b> | 27 | 3 |
| Licencee  | Access Plans   |                 |              |  |             |                 |      |   |   |        |   |   |       |    |   |     |   |   |               |    |   |
|   | Implemented  | Not Implemented |              |  |             |                 |      |   |   |        |   |   |       |    |   |     |   |   |               |    |   |
| BCTS  | 1  | 0               |              |  |             |                 |      |   |   |        |   |   |       |    |   |     |   |   |               |    |   |
| Gorman  | 3  | 0               |              |  |             |                 |      |   |   |        |   |   |       |    |   |     |   |   |               |    |   |
| Tolko   | 23   | 3               |              |  |             |                 |      |   |   |        |   |   |       |    |   |     |   |   |               |    |   |
| WFN   | 0  | 0               |              |  |             |                 |      |   |   |        |   |   |       |    |   |     |   |   |               |    |   |
| <b>Totals</b>   | 27   | 3               |              |  |             |                 |      |   |   |        |   |   |       |    |   |     |   |   |               |    |   |

- Easygoing Road blocked August 2010
- Matheson Road rehabilitated August 2010

Note: Duruisseau Road was not blocked, but has been transferred to Lower Similkameen Community Forest Group in October / December 2010

## 28 Visual Quality Objectives

**Target:** 100 percent conformance to site plans having preservation, retention or partial retention visual quality objectives.

**Variance:** None

**Reporting:** Report on the number of cutblocks harvested in the reporting period that had preservation, retention or partial retention visual quality objectives, and the number of cutblocks that achieved the visual intent as planned. Achievement of visual intent will be confirmed with photos from a key viewpoint demonstrating that operations provided results similar to plan.

**Data Pool:** Authorized harvest (i.e. For salvage) that is given an exemption from the VQO is deemed to have met the intent.

### Indicators Related to the Target

5.1.1

Quantity and quality of timber and non-timber benefits, products, and services produced in the DFA

6.3.1

Evidence that the organization has co-operated with other forest-dependent businesses, forest users, and the local community to strengthen and diversify the local economy

### Assessment Results:

| Licencee      | Blocks with P, R or PR VQO's | # Harvested Meeting VQO's | Percent Compliance |
|---------------|------------------------------|---------------------------|--------------------|
| BCTS          | 14                           | 10                        | 71.4%              |
| WFN           | 6                            | Unknown                   |                    |
| Tolko         | 80                           | 80                        | 100.0%             |
| Gorman        | 4                            | 4                         | 100.0%             |
| YucW          | 4                            | 4                         | 100.0%             |
| <b>Totals</b> | <b>108.0</b>                 | <b>98.0</b>               | <b>90.7%</b>       |

|  |   |
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|  | <p><b>Comments:</b></p> <p><b>Tolko</b> -The 80 blocks include 4 blocks that were harvested during the 2008 reporting year and 11 blocks harvested during the 2009 reporting year where the photos were scheduled to be taken in 2010. There are an additional 13 blocks where harvesting was completed and photos are scheduled for the 2011 reporting year</p> <p><b>BCTS</b> - Three blocks in MPB salvage areas and one block within the Notch Hill fire were managed for visuals, but PR objective not obtained.</p> <p><b>WFN</b> – Visual Impact Analyses were conducted for all of these blocks. 4 of 6 blocks were driven by MPB salvage. Post harvest photos have not yet been taken.</p> |
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| <b>29</b> | <b>Research and Educational Sponsorship</b>   |  |
|           | <p><b>Target:</b> Maintain involvement and sponsorship in research and educational initiatives (e.g., summer students, post graduate research projects, volunteer sites for studies, association support – FERIC, Forest Products Association of Canada, OSLRMP Wildlife subcommittee, etc.).</p> <p><b>Variance:</b> n/a</p> <p><b>Reporting:</b> To enable reporting, documentation on research programs and educational initiatives will be retained at the appropriate licensee's office.</p> |  |
|           | <b>Indicators Related to the Target</b>   |  |
|           | 5.1.1   | Quantity and quality of timber and non-timber benefits, products, and services produced in the DFA |
|           | 6.5.1   | Number of people reached through educational outreach  |
|           | <p><b>Assessment Results:</b></p> <p><b>WFN</b></p> <ul style="list-style-type: none"> <li>• FP Innovations preliminary assessment of logging operations. March, 2011.</li> </ul> <p><b>BCTS</b></p> <ul style="list-style-type: none"> <li>• Grizzly Bear population research - MOE</li> <li>• Member of FP Innovations.</li> <li>• Pleasant Valley High School forestry class presentation and field tour.</li> <li>• BCTS display at WCSA Tradeshow</li> </ul>                                 |  |

**Tolko**

- Summer Students
  - Four summer students (20 person-months total)
- IFPA Projects
- Operational Adjustment Factors (OAFs) using Free-growing survey data.
- This project was initiated in 2009 to develop a cost effective method of refining OAFs for use in growth and yield estimates for timber supply. Work completed in 2010 supports the conclusion that where sufficient data can be gathered, estimating OAF1 values with free growing data can provide answers that are as reliable as OAF1 ground surveys.
- FPInnovations (FERIC/Forintek)
  - Ongoing membership in this research organization.  
[www.fpinnovations.ca](http://www.fpinnovations.ca)
- Forest Products Association of Canada.
  - Working with Government and linking with research/educational initiatives. [www.fpac.ca](http://www.fpac.ca)
- National Council for Air and Stream Improvement Inc. (NCASI).
  - Membership in this group that supports/undertakes various research initiatives. [www.ncasi.org](http://www.ncasi.org)

**Gorman**

- Tom Sullivan – Small Mammal Research
- Helen Gorman School donation
- SOSIPS supporting partner
- Rose Valley Elementary School – Grade 6 Forestry Session
- Rutland Secondary – Exit Interviews / Career Planning
- RSS – Job Shadow Positions(3)
- St. Joseph's School – Presentation
- Peachland Elementary – Forestry Day Presentation
- OC Career Fair – Booth
- Environmental Mind Grind - Judging

| <b>30</b>  | <b>Trail Management</b>   |  |          |  |  |                  |                      |             |   |   |            |   |   |              |    |    |               |   |   |               |             |             |
|--|---|--|----------|--|--|------------------|----------------------|-------------|---|---|------------|---|---|--------------|----|----|---------------|---|---|---------------|-------------|-------------|
|  | <p><b>Target:</b> 100% conformance to Site Plan commitments that manage for trails.</p> <p><b>Variance:</b> None</p> <p><b>Reporting:</b> Report on the number cutblocks harvested in the reporting period that had one or more commitments to manage for a trail (could be for hiking, biking, cattle, historic, etc) in the Site Plan. Also report whether those plan commitments were properly executed.</p> |  |          |  |  |                  |                      |             |   |   |            |   |   |              |    |    |               |   |   |               |             |             |
|  |   |  |          |  |  |                  |                      |             |   |   |            |   |   |              |    |    |               |   |   |               |             |             |
|  | 5.1.1   | Quantity and quality of timber and non-timber benefits, products, and services produced in the DFA   |          |  |  |                  |                      |             |   |   |            |   |   |              |    |    |               |   |   |               |             |             |
|  | 6.3.1   | Evidence that the organization has co-operated with other forest-dependent businesses, forest users, and the local community to strengthen and diversify the local economy |          |  |  |                  |                      |             |   |   |            |   |   |              |    |    |               |   |   |               |             |             |
| <p><b>Assessment Results:</b></p> <p>There was 100% compliance with plan commitments made to manage for trails</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="2">Licencee</th> <th colspan="2">Cutblocks Harvested with Trail Commitments</th> </tr> <tr> <th>1 or More Trails</th> <th>Complete as per Plan</th> </tr> </thead> <tbody> <tr> <td><b>BCTS</b></td> <td style="text-align: center;">1</td> <td style="text-align: center;">1</td> </tr> <tr> <td><b>WFN</b></td> <td style="text-align: center;">0</td> <td style="text-align: center;">0</td> </tr> <tr> <td><b>Tolko</b></td> <td style="text-align: center;">19</td> <td style="text-align: center;">19</td> </tr> <tr> <td><b>Gorman</b></td> <td style="text-align: center;">3</td> <td style="text-align: center;">3</td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>23.0</b></td> <td style="text-align: center;"><b>23.0</b></td> </tr> </tbody> </table> <p><b>Comments:</b></p> <p><b>Tolko</b> -There was one additional block that was logged in the winter where the necessary actions must be completed snow free. This block will be reported in the next reporting period.</p> |   |  | Licencee | Cutblocks Harvested with Trail Commitments |  | 1 or More Trails | Complete as per Plan | <b>BCTS</b> | 1 | 1 | <b>WFN</b> | 0 | 0 | <b>Tolko</b> | 19 | 19 | <b>Gorman</b> | 3 | 3 | <b>Totals</b> | <b>23.0</b> | <b>23.0</b> |
| Licencee   | Cutblocks Harvested with Trail Commitments  |  |          |  |  |                  |                      |             |   |   |            |   |   |              |    |    |               |   |   |               |             |             |
|  | 1 or More Trails  | Complete as per Plan   |          |  |  |                  |                      |             |   |   |            |   |   |              |    |    |               |   |   |               |             |             |
| <b>BCTS</b>  | 1   | 1  |          |  |  |                  |                      |             |   |   |            |   |   |              |    |    |               |   |   |               |             |             |
| <b>WFN</b>   | 0   | 0  |          |  |  |                  |                      |             |   |   |            |   |   |              |    |    |               |   |   |               |             |             |
| <b>Tolko</b>   | 19  | 19   |          |  |  |                  |                      |             |   |   |            |   |   |              |    |    |               |   |   |               |             |             |
| <b>Gorman</b>  | 3   | 3  |          |  |  |                  |                      |             |   |   |            |   |   |              |    |    |               |   |   |               |             |             |
| <b>Totals</b>  | <b>23.0</b>   | <b>23.0</b>  |          |  |  |                  |                      |             |   |   |            |   |   |              |    |    |               |   |   |               |             |             |

| <b>31</b>   | <b>Environmental and Safety Training</b>                |                |           |                    |                    |           |          |                      |  |  |                    |  |  |               |                |   |             |                    |   |      |    |    |    |    |    |    |     |   |   |     |   |   |     |       |    |    |     |    |    |     |        |    |    |     |    |    |     |         |  |  |     |   |   |     |            |   |   |     |   |   |     |      |   |   |     |   |   |     |               |              |              |           |              |              |           |
|---|---|----------------|-----------|--------------------|--------------------|-----------|----------|----------------------|--|--|--------------------|--|--|---------------|----------------|---|-------------|--------------------|---|------|----|----|----|----|----|----|-----|---|---|-----|---|---|-----|-------|----|----|-----|----|----|-----|--------|----|----|-----|----|----|-----|---------|--|--|-----|---|---|-----|------------|---|---|-----|---|---|-----|------|---|---|-----|---|---|-----|---------------|--------------|--------------|-----------|--------------|--------------|-----------|
| <p><b>Target:</b> 90% of DFA forest contractors will have both environmental and safety training. 90% of woodlands employees are trained in accordance with training plans.</p> <p><b>Variance:</b> 0%</p> <p><b>Reporting:</b> <u>Forest contractor target:</u> Licencees will report the total number of forest contractors and identify the number that had received both environmental and safety training. For BCTS, report on the number of licences and contracts awarded that required SAFE certification or an equivalent safety certification/registration.</p> <p><u>Woodlands employees target:</u> Licencees will report the total number of forestland employees (staff) and identify the number that had received training in accordance with their training plan.</p>   |   |                |           |                    |                    |           |          |                      |  |  |                    |  |  |               |                |   |             |                    |   |      |    |    |    |    |    |    |     |   |   |     |   |   |     |       |    |    |     |    |    |     |        |    |    |     |    |    |     |         |  |  |     |   |   |     |            |   |   |     |   |   |     |      |   |   |     |   |   |     |               |              |              |           |              |              |           |
| <b>Indicators Related to the Target</b>   |   |                |           |                    |                    |           |          |                      |  |  |                    |  |  |               |                |   |             |                    |   |      |    |    |    |    |    |    |     |   |   |     |   |   |     |       |    |    |     |    |    |     |        |    |    |     |    |    |     |         |  |  |     |   |   |     |            |   |   |     |   |   |     |      |   |   |     |   |   |     |               |              |              |           |              |              |           |
| 5.2.2   | Level of investment in training and skills development. |                |           |                    |                    |           |          |                      |  |  |                    |  |  |               |                |   |             |                    |   |      |    |    |    |    |    |    |     |   |   |     |   |   |     |       |    |    |     |    |    |     |        |    |    |     |    |    |     |         |  |  |     |   |   |     |            |   |   |     |   |   |     |      |   |   |     |   |   |     |               |              |              |           |              |              |           |
| <p><b>Assessment Results:</b></p> <p>The results for contractor and licensee employees indicate a compliance rate of 98% in both instances. Well within the 10% tolerance.</p> <table border="1"> <thead> <tr> <th rowspan="2">Licencee</th> <th colspan="3">Contractor Employees</th> <th colspan="3">Licencee Employees</th> </tr> <tr> <th># Contractors</th> <th>E &amp; S Trained*</th> <th>%</th> <th># Employees</th> <th>Trained as Planned</th> <th>%</th> </tr> </thead> <tbody> <tr> <td>BCTS</td> <td>41</td> <td>39</td> <td>95</td> <td>32</td> <td>30</td> <td>94</td> </tr> <tr> <td>WFN</td> <td>6</td> <td>6</td> <td>100</td> <td>4</td> <td>4</td> <td>100</td> </tr> <tr> <td>Tolko</td> <td>63</td> <td>63</td> <td>100</td> <td>51</td> <td>51</td> <td>100</td> </tr> <tr> <td>Gorman</td> <td>17</td> <td>17</td> <td>100</td> <td>18</td> <td>18</td> <td>100</td> </tr> <tr> <td>Balcaen</td> <td></td> <td></td> <td>n/a</td> <td>3</td> <td>3</td> <td>100</td> </tr> <tr> <td>Monte Lake</td> <td>1</td> <td>1</td> <td>100</td> <td>4</td> <td>4</td> <td>100</td> </tr> <tr> <td>Yucw</td> <td>2</td> <td>2</td> <td>100</td> <td>1</td> <td>1</td> <td>100</td> </tr> <tr> <td><b>Totals</b></td> <td><b>130.0</b></td> <td><b>128.0</b></td> <td><b>98</b></td> <td><b>121.0</b></td> <td><b>118.0</b></td> <td><b>98</b></td> </tr> </tbody> </table> <p>* <i>Environment and Safety</i></p> |   |                |           |                    |                    |           | Licencee | Contractor Employees |  |  | Licencee Employees |  |  | # Contractors | E & S Trained* | % | # Employees | Trained as Planned | % | BCTS | 41 | 39 | 95 | 32 | 30 | 94 | WFN | 6 | 6 | 100 | 4 | 4 | 100 | Tolko | 63 | 63 | 100 | 51 | 51 | 100 | Gorman | 17 | 17 | 100 | 18 | 18 | 100 | Balcaen |  |  | n/a | 3 | 3 | 100 | Monte Lake | 1 | 1 | 100 | 4 | 4 | 100 | Yucw | 2 | 2 | 100 | 1 | 1 | 100 | <b>Totals</b> | <b>130.0</b> | <b>128.0</b> | <b>98</b> | <b>121.0</b> | <b>118.0</b> | <b>98</b> |
| Licencee  | Contractor Employees                                    |                |           | Licencee Employees |                    |           |          |                      |  |  |                    |  |  |               |                |   |             |                    |   |      |    |    |    |    |    |    |     |   |   |     |   |   |     |       |    |    |     |    |    |     |        |    |    |     |    |    |     |         |  |  |     |   |   |     |            |   |   |     |   |   |     |      |   |   |     |   |   |     |               |              |              |           |              |              |           |
|   | # Contractors   | E & S Trained* | %         | # Employees        | Trained as Planned | %         |          |                      |  |  |                    |  |  |               |                |   |             |                    |   |      |    |    |    |    |    |    |     |   |   |     |   |   |     |       |    |    |     |    |    |     |        |    |    |     |    |    |     |         |  |  |     |   |   |     |            |   |   |     |   |   |     |      |   |   |     |   |   |     |               |              |              |           |              |              |           |
| BCTS  | 41  | 39             | 95        | 32                 | 30                 | 94        |          |                      |  |  |                    |  |  |               |                |   |             |                    |   |      |    |    |    |    |    |    |     |   |   |     |   |   |     |       |    |    |     |    |    |     |        |    |    |     |    |    |     |         |  |  |     |   |   |     |            |   |   |     |   |   |     |      |   |   |     |   |   |     |               |              |              |           |              |              |           |
| WFN   | 6   | 6              | 100       | 4                  | 4                  | 100       |          |                      |  |  |                    |  |  |               |                |   |             |                    |   |      |    |    |    |    |    |    |     |   |   |     |   |   |     |       |    |    |     |    |    |     |        |    |    |     |    |    |     |         |  |  |     |   |   |     |            |   |   |     |   |   |     |      |   |   |     |   |   |     |               |              |              |           |              |              |           |
| Tolko   | 63  | 63             | 100       | 51                 | 51                 | 100       |          |                      |  |  |                    |  |  |               |                |   |             |                    |   |      |    |    |    |    |    |    |     |   |   |     |   |   |     |       |    |    |     |    |    |     |        |    |    |     |    |    |     |         |  |  |     |   |   |     |            |   |   |     |   |   |     |      |   |   |     |   |   |     |               |              |              |           |              |              |           |
| Gorman  | 17  | 17             | 100       | 18                 | 18                 | 100       |          |                      |  |  |                    |  |  |               |                |   |             |                    |   |      |    |    |    |    |    |    |     |   |   |     |   |   |     |       |    |    |     |    |    |     |        |    |    |     |    |    |     |         |  |  |     |   |   |     |            |   |   |     |   |   |     |      |   |   |     |   |   |     |               |              |              |           |              |              |           |
| Balcaen   |   |                | n/a       | 3                  | 3                  | 100       |          |                      |  |  |                    |  |  |               |                |   |             |                    |   |      |    |    |    |    |    |    |     |   |   |     |   |   |     |       |    |    |     |    |    |     |        |    |    |     |    |    |     |         |  |  |     |   |   |     |            |   |   |     |   |   |     |      |   |   |     |   |   |     |               |              |              |           |              |              |           |
| Monte Lake  | 1   | 1              | 100       | 4                  | 4                  | 100       |          |                      |  |  |                    |  |  |               |                |   |             |                    |   |      |    |    |    |    |    |    |     |   |   |     |   |   |     |       |    |    |     |    |    |     |        |    |    |     |    |    |     |         |  |  |     |   |   |     |            |   |   |     |   |   |     |      |   |   |     |   |   |     |               |              |              |           |              |              |           |
| Yucw  | 2   | 2              | 100       | 1                  | 1                  | 100       |          |                      |  |  |                    |  |  |               |                |   |             |                    |   |      |    |    |    |    |    |    |     |   |   |     |   |   |     |       |    |    |     |    |    |     |        |    |    |     |    |    |     |         |  |  |     |   |   |     |            |   |   |     |   |   |     |      |   |   |     |   |   |     |               |              |              |           |              |              |           |
| <b>Totals</b>   | <b>130.0</b>  | <b>128.0</b>   | <b>98</b> | <b>121.0</b>       | <b>118.0</b>       | <b>98</b> |          |                      |  |  |                    |  |  |               |                |   |             |                    |   |      |    |    |    |    |    |    |     |   |   |     |   |   |     |       |    |    |     |    |    |     |        |    |    |     |    |    |     |         |  |  |     |   |   |     |            |   |   |     |   |   |     |      |   |   |     |   |   |     |               |              |              |           |              |              |           |

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| <b>32</b> | <b>First Nations Partnerships</b>   |  |
|           | <p><b>Target:</b> Support partnership opportunities (including training) with First Nations through mutually beneficial involvement in forest management.</p> <p><b>Variance:</b> n/a</p> <p><b>Reporting:</b> Documentation and reporting on First Nations partnerships and training sessions will be retained at the appropriate licensee's office.</p>   |  |
|           | <b>Indicators Related to the Target</b>   |  |
| 5.2.4     | Level of Aboriginal participation in the forest economy   |  |
| 6.4.3     | Evidence of efforts to promote capacity development and meaningful participation for Aboriginal communities   |  |
|           | <p><b>Assessment Results:</b></p> <p><b>BCTS</b></p> <ul style="list-style-type: none"> <li>• Service Agreements with: <ul style="list-style-type: none"> <li>• Splots'n First Nations</li> <li>• Westbank First Nations</li> <li>• Penticton Indian Band</li> <li>• Silviculture contract with Splots'n First Nations</li> </ul> </li> </ul> <p><b>WFN</b></p> <ul style="list-style-type: none"> <li>• Heartland owned by WFN. No partnerships with other FN's.</li> </ul> <p><b>Tolko</b></p> <ul style="list-style-type: none"> <li>• Service agreement with Westbank First Nation for review of referrals.</li> <li>• Service agreement with Upper Nicola Band for review of referrals.</li> <li>• One-time service agreement with Okanagan Band for review of a specific referral.</li> <li>• Brushing contract with Splotsin First Nation.</li> <li>• Pile burning contract with Splotsin First Nation.</li> <li>• Document to guide forest management activities within the Kela7scen circle (Adams Lake/Neskonlith)</li> </ul> <p><b>Gorman</b></p> <ul style="list-style-type: none"> <li>• 15 discussions and 2 meetings plus Tech Crew Contract work</li> <li>• Penticton Indian Band Forestry Technicians – approx 3 crew months</li> <li>• Log Purchases from: <ul style="list-style-type: none"> <li>- Stuwix</li> </ul> </li> </ul> |  |

|  |   |
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|  | <ul style="list-style-type: none"> <li>- Penticton Indian Band</li> <li>- Upper Similkameen Indian Band</li> <li>- Skuqalt (Lower Similkameen)</li> </ul> |
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| <b>33</b> | <b>Harvest Allocation to First Nations</b> |
|-----------|--|

**Target:** At the discretion of government, approximately 10% of the TSA’s AAC will be offered to First Nation ventures. Licencees will also report the volume that has been accepted by First Nations.

**Variance:** n/a

**Reporting:** Licencees report total AAC of any tenure offered under Section 12 of the Forest Act (forms of agreement) to First Nations (see data pool for source) and the volume that has been accepted by those First Nations ( source from MoF District).  
Data Pool: [http://www.for.gov.bc.ca/haa/fn\\_agreements.htm](http://www.for.gov.bc.ca/haa/fn_agreements.htm)

|   |  |
|---|--|
| <b>Indicators Related to the Target</b> |  |
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|       |   |
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| 5.2.4 | Level of Aboriginal participation in the forest economy |
|-------|---|

**Assessment Results:** The AAC of the Okanagan Timber Supply Area is 3,375,000m3 in 2010. 117,000m3 (or 3.46%) of the volume was offered to, and accepted by First Nations.

| Annual Allowable Cut              | Volume (m3)                |
|-----------------------------------|----------------------------|
| Volume offered to First Nations*  | 117,000 m3 PIB* and USIB** |
| Volume accepted by First Nations* | 117,000m3 accepted by FN’s |

*\* Penticton Indian Band and Upper Similkameen Indian Band*

As of March 31, 2011, 246,947m3/yr of 293,780m3/yr. (or 84.1%) of the Non-Replaceable Forest Licence (NRFL) harvest in the Okanagan TSA is allocated to First Nations organizations.

In addition, Woodlot 0346 (1,500m3/yr) and Community Forest Agreement K1P (55,000m3/yr) are held by the Westbank First Nation - raising the total FN allocated harvest to 303,647m3/yr or 9.0% of the total harvest, equating to 9.25% of the total allocated harvest (i.e. after discounting the “Forest Service Reserve” of 90,750m3/year)

|           |   |   |
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| <b>34</b> | <b>Public Advisory Group Satisfaction Survey</b>  |   |
|           | <p><b>Target:</b> Advisory group feedback will result in:</p> <ul style="list-style-type: none"> <li>a. 80% of survey responses “3” or better</li> <li>b. All written comments are reviewed and considered, and all line responses with a rating averaging less than 3.0 become action items</li> </ul> <p><b>Variance:</b> n/a</p> <p><b>Reporting:</b> Survey responses coded 1 (poor), 2, 3 (satisfactory), 4, 5 (well done).</p>  |   |
|           | <b>Indicators Related to the Target</b>   |   |
|           | 5.2.5   | Opportunities for public access and for public input                    |
|           | 6.4.1   | Level of participant satisfaction with the public participation process |
|           | <p><b>Assessment Results:</b> A total of 8 feedback questionnaires were received by the Facilitator this year an increase of 5 over the number of questionnaires received in 2009. The improved response in 2010 was due in part to the decision to return to a paper-based questionnaire in 2010. The 2009 survey was entirely “on-line”. Four questionnaires were completed by participants at the Nov 25, 2010 PAG Meeting, the remainder were received by mail, following a targeted mail-out to all public PAG members who had attended at least one PAG meeting in 2010.</p> <p>The overall average score for all 20 questions was 4.1 (out of a possible 5). This is a slight reduction from the 4.3 reported in 2009 and likely represents a more accurate reflection of PAG opinion, due to the larger sample size.</p> <p>Average scores on specific questions ranged from a low of 3.6 to a high of 4.5<br/>On an individual respondent basis, all average scores were greater than 3.0 (ranging from 3.4 to 5.0)<br/>97% of all responses to individual questions achieved a score of 3.0 or higher.</p> <p>For a listing of the survey questions, and a detailed graphical representation of the survey results please refer to Appendix I of this report.</p> |   |

|           |   |
|-----------|---|
| <b>35</b> | <b>Participation in Higher Level Planning</b> |
|-----------|---|

| <p><b>Target:</b> Participate in the following public processes:</p> <ul style="list-style-type: none"> <li>• OSLRMP or other higher level plan committee meetings</li> <li>• Forest Stewardship Plan meetings</li> <li>• Stakeholder meetings</li> </ul> <p><b>Variance:</b></p> <p><b>Reporting:</b> Documentation for OSLRMP and Forest Stewardship Plan meetings is kept at the appropriate licensee's office.</p>  |   |                               |                               |                        |                            |             |     |   |    |            |      |   |   |              |                     |   |    |               |   |                               |                               |
|---|---|-------------------------------|-------------------------------|------------------------|----------------------------|-------------|-----|---|----|------------|------|---|---|--------------|---------------------|---|----|---------------|---|-------------------------------|-------------------------------|
| <p><b>Indicators Related to the Target</b></p>  |   |                               |                               |                        |                            |             |     |   |    |            |      |   |   |              |                     |   |    |               |   |                               |                               |
| 5.2.5   | Opportunities for public access and for public input  |                               |                               |                        |                            |             |     |   |    |            |      |   |   |              |                     |   |    |               |   |                               |                               |
| 6.4.2   | Evidence of efforts to promote capacity development and meaningful participation in general |                               |                               |                        |                            |             |     |   |    |            |      |   |   |              |                     |   |    |               |   |                               |                               |
| <p><b>Assessment Results:</b></p> <table border="1"> <thead> <tr> <th>Licencee</th> <th>OSLRMP Involvement</th> <th>FDP/FSP Mtg's attended</th> <th>Stakeholder mtg's Attended</th> </tr> </thead> <tbody> <tr> <td><b>BCTS</b></td> <td>No*</td> <td>2</td> <td>25</td> </tr> <tr> <td><b>WFN</b></td> <td>none</td> <td>2</td> <td>2</td> </tr> <tr> <td><b>Tolko</b></td> <td>No - none scheduled</td> <td>9</td> <td>17</td> </tr> <tr> <td><b>Gorman</b></td> <td>No meetings<br/>2 discussions<br/>IMC disbanded</td> <td>4 meetings,<br/>10 discussions</td> <td>3 meetings,<br/>20 discussions</td> </tr> </tbody> </table> <p>* Related discussions took place at Stakeholder Meetings</p> |   | Licencee                      | OSLRMP Involvement            | FDP/FSP Mtg's attended | Stakeholder mtg's Attended | <b>BCTS</b> | No* | 2 | 25 | <b>WFN</b> | none | 2 | 2 | <b>Tolko</b> | No - none scheduled | 9 | 17 | <b>Gorman</b> | No meetings<br>2 discussions<br>IMC disbanded | 4 meetings,<br>10 discussions | 3 meetings,<br>20 discussions |
| Licencee  | OSLRMP Involvement  | FDP/FSP Mtg's attended        | Stakeholder mtg's Attended    |                        |                            |             |     |   |    |            |      |   |   |              |                     |   |    |               |   |                               |                               |
| <b>BCTS</b>   | No*   | 2                             | 25                            |                        |                            |             |     |   |    |            |      |   |   |              |                     |   |    |               |   |                               |                               |
| <b>WFN</b>  | none  | 2                             | 2                             |                        |                            |             |     |   |    |            |      |   |   |              |                     |   |    |               |   |                               |                               |
| <b>Tolko</b>  | No - none scheduled   | 9                             | 17                            |                        |                            |             |     |   |    |            |      |   |   |              |                     |   |    |               |   |                               |                               |
| <b>Gorman</b>   | No meetings<br>2 discussions<br>IMC disbanded   | 4 meetings,<br>10 discussions | 3 meetings,<br>20 discussions |                        |                            |             |     |   |    |            |      |   |   |              |                     |   |    |               |   |                               |                               |

| <b>36</b>  | <b>Communication with First Nations</b>   |                           |                       |           |          |                       |  |                       |  |                       |                           |          |           |      |    |   |   |   |     |             |     |   |   |       |     |   |    |    |        |    |   |   |     |         |   |   |   |   |            |   |   |   |   |
|--|---|---------------------------|-----------------------|-----------|----------|-----------------------|--|-----------------------|--|-----------------------|---------------------------|----------|-----------|------|----|---|---|---|-----|-------------|-----|---|---|-------|-----|---|----|----|--------|----|---|---|-----|---------|---|---|---|---|------------|---|---|---|---|
| <p><b>Target:</b> Open communication with affected aboriginal communities will be provided in advance of harvesting, road building, herbicide application or broadcast fertilization activities 100% of the time.<br/>Licencees respond to all written requests for communication from First Nations.</p> <p><b>Variance:</b> None</p> <p><b>Reporting:</b> Licencees will report the number of times that meaningful communications were provided in advance of harvesting, road building, herbicide application or broadcast fertilization activities and the number of times where that communication was not provided.<br/>Number of written requests for communication from First Nations versus the number of responses made to First Nations. Reporting is on a one to one ratio (one response for each request).</p>   |   |                           |                       |           |          |                       |  |                       |  |                       |                           |          |           |      |    |   |   |   |     |             |     |   |   |       |     |   |    |    |        |    |   |   |     |         |   |   |   |   |            |   |   |   |   |
| <b>Indicators Related to the Target</b>  |   |                           |                       |           |          |                       |  |                       |  |                       |                           |          |           |      |    |   |   |   |     |             |     |   |   |       |     |   |    |    |        |    |   |   |     |         |   |   |   |   |            |   |   |   |   |
| 6.1.1  | Evidence of a good understanding of the nature of Aboriginal title and rights   |                           |                       |           |          |                       |  |                       |  |                       |                           |          |           |      |    |   |   |   |     |             |     |   |   |       |     |   |    |    |        |    |   |   |     |         |   |   |   |   |            |   |   |   |   |
| 6.1.2  | Evidence of best efforts to obtain acceptance of management plans based on Aboriginal communities having a clear understanding of the plans   |                           |                       |           |          |                       |  |                       |  |                       |                           |          |           |      |    |   |   |   |     |             |     |   |   |       |     |   |    |    |        |    |   |   |     |         |   |   |   |   |            |   |   |   |   |
| 6.2.1  | Evidence of understanding and use of Aboriginal knowledge through the engagement of willing Aboriginal communities, using a process that identifies and manages culturally important resources and values |                           |                       |           |          |                       |  |                       |  |                       |                           |          |           |      |    |   |   |   |     |             |     |   |   |       |     |   |    |    |        |    |   |   |     |         |   |   |   |   |            |   |   |   |   |
| <p><b>Assessment Results:</b><br/>The target was achieved for all SFM registered licencees.</p> <table border="1" data-bbox="261 1535 1422 1902"> <thead> <tr> <th rowspan="2">Licencee</th> <th colspan="2"># Times Info Provided</th> <th colspan="2"># Written Information</th> </tr> <tr> <th>In Adv. Of Activities</th> <th>Not in Adv. Of Activities</th> <th>Requests</th> <th>Responses</th> </tr> </thead> <tbody> <tr> <td>BCTS</td> <td>10</td> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>WFN</td> <td>See comment</td> <td>nil</td> <td>0</td> <td>0</td> </tr> <tr> <td>Tolko</td> <td>247</td> <td>0</td> <td>36</td> <td>36</td> </tr> <tr> <td>Gorman</td> <td>20</td> <td>0</td> <td>0</td> <td>n/a</td> </tr> <tr> <td>Balcaen</td> <td>5</td> <td>0</td> <td>5</td> <td>5</td> </tr> <tr> <td>Monte lake</td> <td>1</td> <td>1</td> <td>0</td> <td>0</td> </tr> </tbody> </table> |   |                           |                       |           | Licencee | # Times Info Provided |  | # Written Information |  | In Adv. Of Activities | Not in Adv. Of Activities | Requests | Responses | BCTS | 10 | 0 | 0 | 0 | WFN | See comment | nil | 0 | 0 | Tolko | 247 | 0 | 36 | 36 | Gorman | 20 | 0 | 0 | n/a | Balcaen | 5 | 0 | 5 | 5 | Monte lake | 1 | 1 | 0 | 0 |
| Licencee   | # Times Info Provided   |                           | # Written Information |           |          |                       |  |                       |  |                       |                           |          |           |      |    |   |   |   |     |             |     |   |   |       |     |   |    |    |        |    |   |   |     |         |   |   |   |   |            |   |   |   |   |
|  | In Adv. Of Activities   | Not in Adv. Of Activities | Requests              | Responses |          |                       |  |                       |  |                       |                           |          |           |      |    |   |   |   |     |             |     |   |   |       |     |   |    |    |        |    |   |   |     |         |   |   |   |   |            |   |   |   |   |
| BCTS   | 10  | 0                         | 0                     | 0         |          |                       |  |                       |  |                       |                           |          |           |      |    |   |   |   |     |             |     |   |   |       |     |   |    |    |        |    |   |   |     |         |   |   |   |   |            |   |   |   |   |
| WFN  | See comment   | nil                       | 0                     | 0         |          |                       |  |                       |  |                       |                           |          |           |      |    |   |   |   |     |             |     |   |   |       |     |   |    |    |        |    |   |   |     |         |   |   |   |   |            |   |   |   |   |
| Tolko  | 247   | 0                         | 36                    | 36        |          |                       |  |                       |  |                       |                           |          |           |      |    |   |   |   |     |             |     |   |   |       |     |   |    |    |        |    |   |   |     |         |   |   |   |   |            |   |   |   |   |
| Gorman   | 20  | 0                         | 0                     | n/a       |          |                       |  |                       |  |                       |                           |          |           |      |    |   |   |   |     |             |     |   |   |       |     |   |    |    |        |    |   |   |     |         |   |   |   |   |            |   |   |   |   |
| Balcaen  | 5   | 0                         | 5                     | 5         |          |                       |  |                       |  |                       |                           |          |           |      |    |   |   |   |     |             |     |   |   |       |     |   |    |    |        |    |   |   |     |         |   |   |   |   |            |   |   |   |   |
| Monte lake   | 1   | 1                         | 0                     | 0         |          |                       |  |                       |  |                       |                           |          |           |      |    |   |   |   |     |             |     |   |   |       |     |   |    |    |        |    |   |   |     |         |   |   |   |   |            |   |   |   |   |

|               |            |   |           |           |
|---------------|------------|---|-----------|-----------|
| Yucw          | 4          | 0 | 0         | 0         |
| <b>Totals</b> | <b>287</b> |   | <b>41</b> | <b>41</b> |

**WFN** - November 2010, First Nations Information Sharing package sent to 4 bands plus ONA. Also advertised in the WFN monthly newsletter and posted on the Heartland website.

**Tolko** - Advance notification was provided through several FSP/FDP referrals for the 243 blocks harvested during the year. There were four blocks treated with herbicides where communications with FN occurred in advance of the treatment.

Written requests for field reviews and additional information were received for 36 blocks during the year. We responded to these requests and scheduled the field reviews.

**Gorman** - Service Agreements in place with Westbank First Nation and Penticton Indian Band serve as notification of activities – 23 phone calls, emails and meetings were conducted in support, or as a result of the Services Agreements.

|           |   |   |
|-----------|---|---|
| <b>37</b> | <b>Incorporation of Traditional Knowledge in Forest Planning</b>  |   |
|           | <p><b>Target:</b> Incorporation of traditional knowledge, non-timber resources, and cultural and spiritual values in forest planning where they have been identified and shared by willing aboriginal communities</p> <p><b>Variance:</b> n/a</p> <p><b>Reporting:</b> Number of cutblocks where specific actions were requested and were taken, using traditional knowledge where available, to manage for and/or protect non-timber resources, and cultural and spiritual values.</p> |   |
|           | <b>Indicators Related to the Target</b>   |   |
|           | 6.1.2   | Evidence of best efforts to obtain acceptance of management plans based on Aboriginal communities having a clear understanding of the plans |
|           | 6.1.3   | Level of management and/or protection of areas where culturally important practices and activities (hunting, fishing, gathering) occur      |

|       |   |
|-------|---|
| 6.2.1 | Evidence of understanding and use of Aboriginal knowledge through the engagement of willing Aboriginal communities, using a process that identifies and manages culturally important resources and values |
| 6.4.3 | Evidence of efforts to promote capacity development and meaningful participation for Aboriginal communities   |

**Assessment Results:**

| Licencee      | # Cutblocks |                       |
|---------------|-------------|-----------------------|
|               | Harvested   | Where commitments met |
| BCTS          | 4           | 4                     |
| WFN           | 0           | 0                     |
| Tolko         | 6           | 6                     |
| Gorman        | 0*          | 0*                    |
| <b>Totals</b> | <b>10.0</b> | <b>10.0</b>           |

*\*See Gorman comment below*

**Tolko** - Despite target 37 applying to “values”, and target 11 applying to “sites”, we believe the results for 2010 apply to the same blocks since the sites and values are intimately related.

**Gorman** - 14 of the 20 blocks harvested in 2010/2011 were reviewed by First Nations; however, none of the identified values required special consideration.

\* 4 discussions with First Nations (specific to this target) occurred in 2010-2011

| <b>38</b>     | <b>Forestry Contractor Safety and SAFE Certification</b>   |                                 |          |                      |                                 |             |    |    |            |   |   |              |    |    |               |    |    |             |   |   |               |              |              |
|---------------|--|---------------------------------|----------|----------------------|---------------------------------|-------------|----|----|------------|---|---|--------------|----|----|---------------|----|----|-------------|---|---|---------------|--------------|--------------|
|               | <p><b>Target:</b> 100% of contractors conducting on the ground work are SAFE Company registered and/or certified or they carry an equivalent safety program.</p> <p><b>Variance:</b> None</p> <p><b>Reporting:</b> Number of on the ground contractors in total working within their DFA and the number of those that are SAFE Company registered and/or certified – or that carry an equivalent safety program.</p>   |                                 |          |                      |                                 |             |    |    |            |   |   |              |    |    |               |    |    |             |   |   |               |              |              |
|               | <b>Indicators Related to the Target</b>  |                                 |          |                      |                                 |             |    |    |            |   |   |              |    |    |               |    |    |             |   |   |               |              |              |
| 6.3.2         | Evidence of co-operation with DFA-related workers and their unions to improve and enhance safety standards, procedures, and outcomes in all DFA-related workplaces and affected communities  |                                 |          |                      |                                 |             |    |    |            |   |   |              |    |    |               |    |    |             |   |   |               |              |              |
|               | <p><b>Assessment Results:</b></p> <p>As 123 of 127 contractors (96.9%) were considered to have the SAFE certification or equivalent, The target of 100% was not achieved (even considering the one exemption).</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;">Licencee</th> <th style="text-align: center;"># Forest Contractors</th> <th style="text-align: center;"># with SAFE Cert. or Equivalent</th> </tr> </thead> <tbody> <tr> <td><b>BCTS</b></td> <td style="text-align: center;">40</td> <td style="text-align: center;">39</td> </tr> <tr> <td><b>WFN</b></td> <td style="text-align: center;">5</td> <td style="text-align: center;">5</td> </tr> <tr> <td><b>Tolko</b></td> <td style="text-align: center;">63</td> <td style="text-align: center;">60</td> </tr> <tr> <td><b>Gorman</b></td> <td style="text-align: center;">17</td> <td style="text-align: center;">17</td> </tr> <tr> <td><b>Yucw</b></td> <td style="text-align: center;">2</td> <td style="text-align: center;">2</td> </tr> <tr> <td><b>Totals</b></td> <td style="text-align: center;"><b>127.0</b></td> <td style="text-align: center;"><b>123.0</b></td> </tr> </tbody> </table> <p><b>BCTS</b> - 1 Wildlife Biologist contractor was exempted.</p> |                                 | Licencee | # Forest Contractors | # with SAFE Cert. or Equivalent | <b>BCTS</b> | 40 | 39 | <b>WFN</b> | 5 | 5 | <b>Tolko</b> | 63 | 60 | <b>Gorman</b> | 17 | 17 | <b>Yucw</b> | 2 | 2 | <b>Totals</b> | <b>127.0</b> | <b>123.0</b> |
| Licencee      | # Forest Contractors   | # with SAFE Cert. or Equivalent |          |                      |                                 |             |    |    |            |   |   |              |    |    |               |    |    |             |   |   |               |              |              |
| <b>BCTS</b>   | 40   | 39                              |          |                      |                                 |             |    |    |            |   |   |              |    |    |               |    |    |             |   |   |               |              |              |
| <b>WFN</b>    | 5  | 5                               |          |                      |                                 |             |    |    |            |   |   |              |    |    |               |    |    |             |   |   |               |              |              |
| <b>Tolko</b>  | 63   | 60                              |          |                      |                                 |             |    |    |            |   |   |              |    |    |               |    |    |             |   |   |               |              |              |
| <b>Gorman</b> | 17   | 17                              |          |                      |                                 |             |    |    |            |   |   |              |    |    |               |    |    |             |   |   |               |              |              |
| <b>Yucw</b>   | 2  | 2                               |          |                      |                                 |             |    |    |            |   |   |              |    |    |               |    |    |             |   |   |               |              |              |
| <b>Totals</b> | <b>127.0</b>   | <b>123.0</b>                    |          |                      |                                 |             |    |    |            |   |   |              |    |    |               |    |    |             |   |   |               |              |              |

| <b>39</b> | <b>Forest Licencee Safety and SAFE Certification</b>   |  |          |                      |      |     |     |     |       |     |        |     |      |     |
|-----------|--|--|----------|----------------------|------|-----|-----|-----|-------|-----|--------|-----|------|-----|
|           | <p><b>Target:</b> 100% of CSA SFM participating licencees will be SAFE Company certified.<br/>Reporting: Licencees will report a yes/no answer as to whether they are SAFE Company certified.</p> <p><b>Variance:</b> None</p> <p><b>Reporting:</b> Licencees will report yes/no answer as to whether they are SAFE Company certified</p>  |  |          |                      |      |     |     |     |       |     |        |     |      |     |
|           | <b>Indicators Related to the Target</b>  |  |          |                      |      |     |     |     |       |     |        |     |      |     |
|           | 6.3.3  | Evidence that a worker safety program has been implemented and is periodically reviewed and improved |          |                      |      |     |     |     |       |     |        |     |      |     |
|           | <p><b>Assessment Results:</b><br/>All Licencees report SAFE certification. The 100% target was achieved.</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Licencee</th> <th>Staff SAFE Certified</th> </tr> </thead> <tbody> <tr> <td>BCTS</td> <td>Yes</td> </tr> <tr> <td>WFN</td> <td>Yes</td> </tr> <tr> <td>Tolko</td> <td>Yes</td> </tr> <tr> <td>Gorman</td> <td>Yes</td> </tr> <tr> <td>Yucw</td> <td>Yes</td> </tr> </tbody> </table> |  | Licencee | Staff SAFE Certified | BCTS | Yes | WFN | Yes | Tolko | Yes | Gorman | Yes | Yucw | Yes |
| Licencee  | Staff SAFE Certified   |  |          |                      |      |     |     |     |       |     |        |     |      |     |
| BCTS      | Yes  |  |          |                      |      |     |     |     |       |     |        |     |      |     |
| WFN       | Yes  |  |          |                      |      |     |     |     |       |     |        |     |      |     |
| Tolko     | Yes  |  |          |                      |      |     |     |     |       |     |        |     |      |     |
| Gorman    | Yes  |  |          |                      |      |     |     |     |       |     |        |     |      |     |
| Yucw      | Yes  |  |          |                      |      |     |     |     |       |     |        |     |      |     |

|           |  |  |
|-----------|--|--|
| <b>40</b> | <b>Responding to Public Communication Requests</b>   |  |
|           | <p><b>Target:</b> Respond to all written public communications related to forest operations within 30 days of receipt.</p> <p><b>Variance:</b> n/a</p> <p><b>Reporting:</b> Retain and review documentation (often contained within the Licencee's Forest Stewardship Plan) for responses to public communications related to DFA forest operations. Licencees will report on the number of responses sent out compared to the number of written requests for communication. Report the average response timeline.</p> |  |

|  |   |                             |                       |                                  |                 |
|--|---|-----------------------------|-----------------------|----------------------------------|-----------------|
| <b>Indicators Related to the Target</b>  |   |                             |                       |                                  |                 |
| 6.4.2  | Evidence of efforts to promote capacity development and meaningful participation in general |                             |                       |                                  |                 |
| <b>Assessment Results:</b> The target was met for this, details as follows:  |   |                             |                       |                                  |                 |
|  | <b># Comm Related to FDP/FSP</b>  | <b># Requiring Response</b> | <b># Responded to</b> | <b>Avg. Response Time (days)</b> |                 |
|  |   |                             |                       | <b>simple</b>                    | <b>weighted</b> |
| BCTS   | 1   | 1                           | 1                     | 8                                | 0.42            |
| WFN  | 0   | 0                           | 0                     | 0                                | 0.00            |
| Tolko  | 12  | 12                          | 12                    | 1.8                              | 1.14            |
| Gorman   | 6   | 6                           | 6                     | 1.3                              | 0.41            |
| YucW   | 1   | 1                           | 1                     | 4                                | 0.21            |
| <b>Totals</b>  | <b>20</b>   | <b>19</b>                   | <b>19</b>             | n/a                              | <b>2.18</b>     |
| <b>WFN</b> - No enquires regarding harvesting or road building operations. We did receive enquires during our FSP advertising period. And one inquiry regarding the rehabilitation of the Glenrosa fire. |   |                             |                       |                                  |                 |

|   |   |  |  |  |  |
|---|---|--|--|--|--|
| <b>41</b>   | <b>Forestry Education and Public Awareness</b>  |  |  |  |  |
| <b>Target:</b> Conduct educational classroom visits in public schools, promote public participation in forestry tours and conduct public presentations to increase public knowledge and understanding about sustainable forest management.  |   |  |  |  |  |
| <b>Variance:</b>  |   |  |  |  |  |
| <b>Reporting:</b> Licencees to report:  |   |  |  |  |  |
| <ul style="list-style-type: none"> <li>• Number of students involved with classroom visits in the reporting period.</li> <li>• Number of individuals involved with forest tours in the reporting period.</li> <li>• Number of people involved with public presentations in the reporting period.</li> </ul> |   |  |  |  |  |
| <b>Indicators Related to the Target</b>   |   |  |  |  |  |
| 6.4.2   | Evidence of efforts to promote capacity development and meaningful participation in general |  |  |  |  |
| 6.5.1   | 1 Number of people reached through educational outreach                                     |  |  |  |  |

**Assessment Results:**

| Licencee      | # Students | # Class Visits | # Per. In class tours | # Tours   | # in Public Presentations | # at Presentations |
|---------------|------------|----------------|-----------------------|-----------|---------------------------|--------------------|
| BCTS          | 35         | 2              | 0                     | 0         | 2                         | 160                |
| WFN           | 0          | 0              | 0                     | 0         | 2                         | 30                 |
| Tolko         | 25         | 1              | 63                    | 13        | 2                         | 200                |
| Gorman        | 129        | 3              | 80                    | 1         | 0                         | 0                  |
| <b>Totals</b> | <b>189</b> | <b>6</b>       | <b>143</b>            | <b>14</b> | <b>6</b>                  | <b>390</b>         |

**WFN** - The only presentations made by WFN in the 2011 were to Peachland and West Kelowna Municipalities.

**42 Communications With the Public**

**Target:** Licencees will keep members of the public informed of TSA strategies being developed, and planning occurring, by maintaining websites or by other means as desired.

**Variance:** n/a

**Reporting:** Licencees will report a yes/no answer as to whether web sites or other tools to disseminate information are being maintained, and whether SFMP and other information were made publicly available in the last year.

**Indicators Related to the Target**

6.4.2 Evidence of efforts to promote capacity development and meaningful participation in general

6.5.2 Availability of summary information on issues of concern to the public

**Assessment Results:**

| Licencee | Website and other Tools Used (Y/N) |
|----------|------------------------------------|
| BCTS     | Yes                                |
| WFN      | Yes                                |
| Tolko    | Yes                                |
| Gorman   | Yes                                |
| YucW     | No                                 |

| <b>43</b>    | <b>Harvested Area by Silviculture System</b>  |                               |                |                |             |                     |  |  |       |           |                               |                |     |   |       |   |              |    |       |         |   |                |      |       |         |   |                |     |       |         |      |                |              |                |                |             |                |
|--------------|---|-------------------------------|----------------|----------------|-------------|---------------------|--|--|-------|-----------|-------------------------------|----------------|-----|---|-------|---|--------------|----|-------|---------|---|----------------|------|-------|---------|---|----------------|-----|-------|---------|------|----------------|--------------|----------------|----------------|-------------|----------------|
|              | <p><b>Target:</b> Licencees will report annually on the area harvested by silviculture-system (even-aged, even-aged with reserves, uneven aged) by Biogeoclimatic Zone<br/> <b>Reporting:</b> Report net area to be reforested for harvested cutblocks by silviculture system (even aged, even aged with reserves, uneven aged) and by Biogeoclimatic zone (i.e. IDF, MS, ESSF)</p> <p><b>Variance:</b> n/a</p> <p><b>Reporting:</b> Report Net area to be reforested (NAR) for harvested cutblocks by silviculture system by Biogeoclimatic Zone.</p>  |                               |                |                |             |                     |  |  |       |           |                               |                |     |   |       |   |              |    |       |         |   |                |      |       |         |   |                |     |       |         |      |                |              |                |                |             |                |
|              | <b>Indicators Related to the Target</b>   |                               |                |                |             |                     |  |  |       |           |                               |                |     |   |       |   |              |    |       |         |   |                |      |       |         |   |                |     |       |         |      |                |              |                |                |             |                |
| 1.1.5        | Harvest system diversity  |                               |                |                |             |                     |  |  |       |           |                               |                |     |   |       |   |              |    |       |         |   |                |      |       |         |   |                |     |       |         |      |                |              |                |                |             |                |
|              | <b>Assessment Results:</b>  |                               |                |                |             |                     |  |  |       |           |                               |                |     |   |       |   |              |    |       |         |   |                |      |       |         |   |                |     |       |         |      |                |              |                |                |             |                |
|              | <table border="1"> <thead> <tr> <th rowspan="2">BEC<br/>Zone</th> <th colspan="3">Silviculture System</th> <th rowspan="2">Total</th> </tr> <tr> <th>Even-Aged</th> <th>Even Aged<br/>with<br/>Reserves</th> <th>Uneven<br/>Aged</th> </tr> </thead> <tbody> <tr> <td>IDF</td> <td>-</td> <td>255.9</td> <td>-</td> <td><b>255.9</b></td> </tr> <tr> <td>MS</td> <td>594.7</td> <td>4,530.2</td> <td>-</td> <td><b>5,124.9</b></td> </tr> <tr> <td>ESSF</td> <td>615.0</td> <td>2,148.2</td> <td>-</td> <td><b>2,763.2</b></td> </tr> <tr> <td>ICH</td> <td>307.8</td> <td>1,386.0</td> <td>61.1</td> <td><b>1,754.9</b></td> </tr> <tr> <td><b>Total</b></td> <td><b>1,517.5</b></td> <td><b>8,320.3</b></td> <td><b>61.1</b></td> <td><b>9,898.9</b></td> </tr> </tbody> </table> |                               |                |                | BEC<br>Zone | Silviculture System |  |  | Total | Even-Aged | Even Aged<br>with<br>Reserves | Uneven<br>Aged | IDF | - | 255.9 | - | <b>255.9</b> | MS | 594.7 | 4,530.2 | - | <b>5,124.9</b> | ESSF | 615.0 | 2,148.2 | - | <b>2,763.2</b> | ICH | 307.8 | 1,386.0 | 61.1 | <b>1,754.9</b> | <b>Total</b> | <b>1,517.5</b> | <b>8,320.3</b> | <b>61.1</b> | <b>9,898.9</b> |
| BEC<br>Zone  | Silviculture System   |                               |                | Total          |             |                     |  |  |       |           |                               |                |     |   |       |   |              |    |       |         |   |                |      |       |         |   |                |     |       |         |      |                |              |                |                |             |                |
|              | Even-Aged   | Even Aged<br>with<br>Reserves | Uneven<br>Aged |                |             |                     |  |  |       |           |                               |                |     |   |       |   |              |    |       |         |   |                |      |       |         |   |                |     |       |         |      |                |              |                |                |             |                |
| IDF          | -   | 255.9                         | -              | <b>255.9</b>   |             |                     |  |  |       |           |                               |                |     |   |       |   |              |    |       |         |   |                |      |       |         |   |                |     |       |         |      |                |              |                |                |             |                |
| MS           | 594.7   | 4,530.2                       | -              | <b>5,124.9</b> |             |                     |  |  |       |           |                               |                |     |   |       |   |              |    |       |         |   |                |      |       |         |   |                |     |       |         |      |                |              |                |                |             |                |
| ESSF         | 615.0   | 2,148.2                       | -              | <b>2,763.2</b> |             |                     |  |  |       |           |                               |                |     |   |       |   |              |    |       |         |   |                |      |       |         |   |                |     |       |         |      |                |              |                |                |             |                |
| ICH          | 307.8   | 1,386.0                       | 61.1           | <b>1,754.9</b> |             |                     |  |  |       |           |                               |                |     |   |       |   |              |    |       |         |   |                |      |       |         |   |                |     |       |         |      |                |              |                |                |             |                |
| <b>Total</b> | <b>1,517.5</b>  | <b>8,320.3</b>                | <b>61.1</b>    | <b>9,898.9</b> |             |                     |  |  |       |           |                               |                |     |   |       |   |              |    |       |         |   |                |      |       |         |   |                |     |       |         |      |                |              |                |                |             |                |

# **Appendix I**

## **Okanagan Public Advisory Group Satisfaction Survey Results**

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## Okanagan Advisory Group Survey Questions – 2010

### Scale Used:

|      |   |              |   |           |
|------|---|--------------|---|-----------|
| 1    | 2 | 3            | 4 | 5         |
| Poor |   | Satisfactory |   | Well done |

### Questions asked:

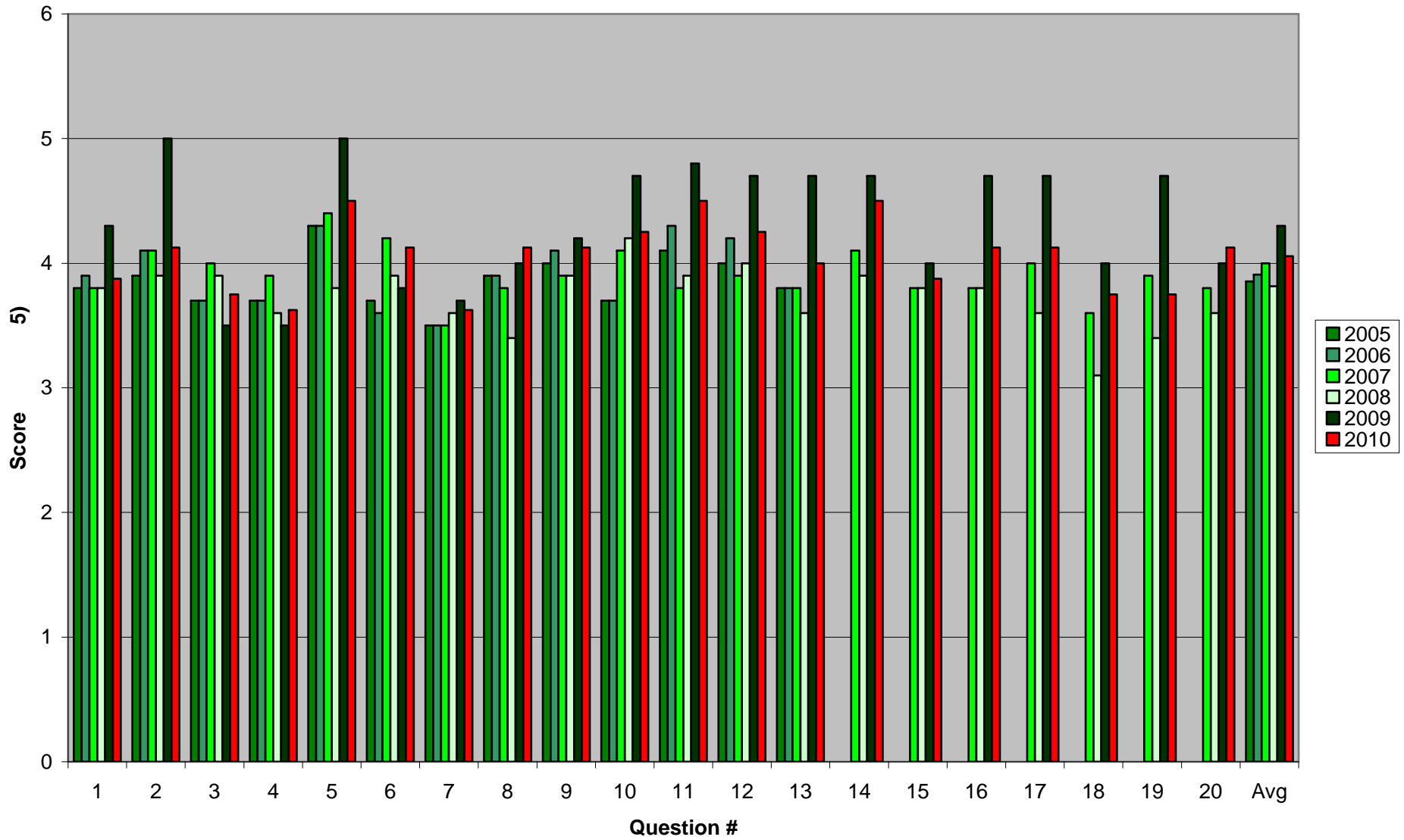
1. I feel that the Terms of Reference provide clear direction to the Public Advisory Group and I am in general agreement with their contents.
2. I have a good understanding of the purpose of the Advisory Group and my role as part of that group.
3. My input related to the SFM values and objectives are being adequately listened to at the Advisory Group meetings and efforts have been made to incorporate my input into the SFM Plan.
4. My input related to the SFM indicators, targets, strategies and monitoring programs are being adequately listened to at the Advisory Group meetings and efforts have been made to incorporate my input into the SFM Plan.
5. I am supplied with the annual monitoring reports and audit summaries and have been given the opportunity to evaluate and discuss the results.
6. I am encouraged to make suggestions towards continuous improvement and feel that my suggestions are adopted whenever practical.
7. Issues relevant to SFM in the DFA are discussed and resolved to my satisfaction.
8. Adequate and relevant information has been provided to me and supports my involvement in the Advisory Group process.
9. Additional information I ask for is provided to me.
10. My involvement in the Advisory Group and the information that I receive has resulted in a better understanding of the interrelationships between Tolko and Weyerhaeuser and other resource users.
11. Advisory Group meetings are run efficiently and effectively and provide a good forum for discussion between Advisory Group members.
12. The Advisory Group meeting minutes capture important aspects of the meeting.
13. Overall, the Advisory Group process is designed and functioning to my satisfaction.
14. Advisory Group Meetings are run efficiently and effectively.
15. The meeting agenda allows for discussion of any related sustainable forestry issues of concern to advisory group members.
16. The meeting minutes capture important aspects of the meeting.
17. Additional information I ask for is provided to me.
18. Communication with advisory group members between meetings is adequate.
19. The outputs generated through discussion with the advisory group (SFM Plan and annual monitoring reports) are clear and concise.

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20. Scheduling of meetings held during the year is an adequate balance between meeting continuous improvement objectives of the SFM Plan and use of my time.



### Okanagan SFM PAG Questionnaire Resposes 2010





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## Specific Comments Received from PAG Members Completing the Questionnaire

### Respondent #4:

With respect to question #18:

OK, but Communication seems to be slightly less than it has been in previous years - Hopefully this will not cause any problems

### Respondent #6:

I would like to encourage the Industry Folks to dedicate more time and effort to improving indicators - as part of their commitment to the process.

### Respondent #7:

With respect to the following questions:

#1 - Needs more focus on ecology. Ecological integrity.

#3 - Listen to us but limited action on some issues

#4 - Costs appear to guide direction of Research

#5 - 5++ Very good.

#6 - Practicality is determined by cost, not science

#8 - Good

#11 - Good Excellent

#13 - Limited opportunity for input on standards.

#15 - SFMP lacks water related concerns

### General Comments:

Lacks regeneration to restore biological diversity (e.g. conversion of ESSF to MS for quick rotation)

The meetings are run very well. My concerns are related to content and limits in the plan and process.

I think it is heading in the right direction

and may eventually get closer to what I expect.

### Respondent #8:

"Real" SFM must prove FSC Standards



## **Appendix II**

# **Tolko/Gorman Bros./BCTS/WFN Performance Summaries 2010**



# 2010 SFM MONITORING SUMMARY



**More information on how Gorman Bros. performed against all 43 sustainability targets, can be obtained by contacting Gorman Bros. Lumber**

Gorman Bros. Lumber Ltd.

Phone: 250 768 5131

Kerry Rouck, RPF  
[krouck@gormanbros.com](mailto:krouck@gormanbros.com)

Randy Hardy, RPF  
[rhardy@gormanbros.com](mailto:rhardy@gormanbros.com)

PO Box 26052  
 Westbank, B.C.  
 V4T 2G3

[www.gormanbros.com](http://www.gormanbros.com)



CP 405-1 – Joe Rich

## Gorman Bros. Okanagan SFM Performance Highlights

Sustainable Forest Management (SFM) performance targets were achieved for 40 of the 43 targets relating to the sustainability criteria in the Plan. Highlights of the 2010-2011 SFM report are as follows:

- (4) Total area (ha) declared free growing during the reporting period – 529.9 ha. Total area (ha) with 3 or more species 523.6 ha.
- (6) The required wildlife tree retention areas were maintained on all 20 cutblocks harvested.
- (7) Site Plan commitments for Identified Wildlife or OSLRMP Red/Blue Species were properly carried within each of the 17 applicable cutblocks harvested.
- (10) 1140 hectares (100%) were planted with species appropriate to the site as outlined in the stocking standards of our approved Forest Stewardship Plan.
- (12) 1017 hectares out of a planned 1068 hectares (95.2%) were planted prior to the second growing season.
- (13) 423 ha (100% of cutblocks where the late free-growing date was due) achieved free growing status during the reporting period.
- (14) The harvested area occupied by permanent roads and landings was 1.3 percent (or 12.5 ha) of the total harvest area compared to the target of 6 percent or less.
- (16) Soil disturbance levels were at or below the committed plan level for all areas harvested (20 cutblocks / 820.6 ha).
- (18) All 20 cutblocks (100%) harvested achieved, at a minimum, their planned Coarse Woody Debris requirements.
- (22) 578 km (100%) of permanent road inspections were completed as planned.
- (24) 400 kg of Canada No. 1 grass seed were applied to road right of way area concurrently with operations to help manage water quality and invasive plants.
- (27) 4 cutblocks (100%) harvested achieved the intent of their visual quality

|  |  |
|--|--|
|  | <p>objectives (<i>i.e.</i>, partial retention).</p> <ul style="list-style-type: none"> <li>• (32) Gorman Bros. conducted business and maintained working relationships with 4 Bands.</li> <li>• (36) Gorman Bros. maintained open communication with affected aboriginal communities on all 20 cutblocks harvested.</li> </ul> <p><u>Performance Requirements were not met for the following targets:</u></p> <ul style="list-style-type: none"> <li>• TARGET #2 - The total draft Old Growth Management Areas (OGMAs) within Gorman Bros. Operating Area is 17,871 ha. A reduction 0.4 ha was noted during the reporting period primarily due to harvest of slivers (<i>i.e.</i> 0.1 ha or less) of OGMAs that were not replaced (too small to track).</li> <li>• TARGET #3 – 4.01 ha of identified rare ecosystem area within OGMAs was harvested out of an overall area of 927.1 ha of ‘rare’ identified within Gorman Bros. Operating Area. The reduction is primarily due to harvesting lodgepole pine leading areas and have been ‘replaced’ with a similar forest type, or resulted from locating block boundaries along logical features such as creeks, slope breaks, or other terrain features.</li> <li>• TARGET #21 – 4 ‘<i>water quality effectiveness evaluations</i>’ were completed on a potential 5 permanent stream crossings within the Trout Creek Community Watershed. 1 ‘<i>water quality effectiveness evaluation</i>’ had to be re-scheduled for spring 2011 due to the fact that the stream crossing was installed late in the fall and the exposed soil was snow covered.</li> </ul> |
|--|--|

#### **Conclusions Drawn From the June 21<sup>st</sup>, 2011 Management Review**

The Senior Manager Group supports the continuation of the Company’s involvement in the Okanagan Sustainable Forest Management Plan and congratulates the Woodlands Department on their success in meeting or exceeding the majority of the targets contained within the Plan.

## 2010 SFM MONITORING SUMMARY



*More information on how BCTS performed against all sustainability indicators can be obtained by contacting Dave Gill at:*

**BCTS – Okanagan-Columbia**

Phone: 250 558 1717

[Dave.Gill@gov.bc.ca](mailto:Dave.Gill@gov.bc.ca)

2501-14<sup>th</sup> Ave.  
Vernon, British Columbia  
V1T 8Z1

[B.C. Timber Sales Okanagan-Columbia](#)



**BCTS Okanagan SFM Performance Highlights: 2010**

In early 2010, the PAG and participating licenses developed a new Sustainable Forest Management Plan (SFMP) consistent with the new CSA Z089-08 version of the CSA standard. This year is the first year of reporting out under this new version. Of the 43 targets in the new SFMP, BCTS met 38..Highlight of the 2010 SFM report follow:

- There were 33 cutblocks or roads influenced by Okanagan Shuswap LRMP strategies and Identified Wildlife Management Species (IWMS). Strategies were followed in all cases.
- 97.2% of areas planned for planting were planted within 2 years of harvest as compared to the target of 70%.
- The harvested area occupied by permanent roads and landings for all blocks harvested in 2009 was 2.3% percent of the total harvest area compared to the target of 6%.
- Required Wildlife Tree Retention Areas were maintained on 100% of the blocks harvested. Stubs were retained on 98% of the blocks harvested.
- 80.6% of the area surveyed for free growing contained 3 or more species compared to the target of 70%.

|  |  |
|--|--|
|  | <p><u>Performance requirements were not achieved for 5 Targets:</u></p> <ul style="list-style-type: none"><li>• TARGET #10. 99.1% of trees planted conformed to approved stocking standards compared to the target of 100%. This shortfall was due to some Lw being planted just outside its BEC.</li><li>• TARGET #12. 265 hectares of 292 hectares (90.5%, Target = 100%) managed for natural regeneration met regeneration delay.</li><li>• TARGET #13. 820 hectares of 845 hectares (97.0%. Target = 100%) met free-growing requirements by the late free-growing date.</li><li>• TARGET #24. 20.2km of 21.6km (93.6%. Target = 100%) of newly constructed (in growing season) permanent road right-of-way was grass-seeded in 2010.</li><li>• INDICATOR #28. 10 of the 14 blocks (71.4%. Target = 100%) harvested in P, R, or PR polygons met the visual quality objectives. The 4 blocks not meeting the objectives occurred in fire salvage and Mountain Pine Beetle salvage areas and were managed for visuals, but the objectives were not met.</li></ul> |
|--|--|



*More information on how Tolko performed against all 43 sustainability targets can be obtained by contacting Rob Kennett or Paul Ross, Tolko*

**Tolko Okanagan Regional Woodlands**

Phone: 250 547 2111  
[Robert.Kennett@tolko.com](mailto:Robert.Kennett@tolko.com)  
[Paul.Ross@tolko.com](mailto:Paul.Ross@tolko.com)

4280 Highway 6, Lumby  
 British Columbia  
 V0E 2G7

[www.tolko.com](http://www.tolko.com)



**Tolko's Okanagan Regional Woodlands SFM Performance Highlights: 2010**

This was the first year of reporting under the revised Sustainable Forest Management (SFM) Plan that was developed to meet the requirements of the CSA Z809-08 standard. Performance goals were achieved for 36 of the 43 targets relating to the sustainability criteria in the Plan. Highlights of the 2010 SFM report follow:

- There were 170 cutblocks or roads influenced by Okanagan Shuswap LRMP/ Kootenay Boundary Land use Plan (LUP) strategies and identified wildlife species. Strategies were followed in all cases.
- Soil disturbance levels for all cutblocks harvested (243) were within target.
- 89.5% of areas planned for planting were planted within 2 years of harvest as compared to the target of 70%.
- 100% of free growing obligations were met, and the average time that cutblocks outperformed the date was 3.43 years.
- Tolko continued to work with three First Nations communities to review referrals using service agreements.
- The harvested area occupied by permanent roads and landings was 2.5% percent of the total harvest area compared to the target of 6 percent.
- All 80 of the areas harvested within sensitive scenic zones that were assessed met the planned visual quality objectives for the scenic zone.
- Old growth management areas (OGMAs) and rare ecosystems within these OGMAs were maintained.
- Harvesting within community watersheds was consistent with assessments.

**Target Performance Requirements Were Not Achieved for 7 Targets**

6 98.8% of cutblocks requiring wildlife tree retention were harvested in accordance with their site plan. Target: 100%.

Three blocks were harvested where the contractor harvested a portion of a wildlife tree patch. In two of these cases, the original WTP allocation was higher than required under the Forest Stewardship Plan so the blocks were still within the legal WTP requirement. The third involved harvesting in a riparian management area that is also reported under target 25.

5 Year Trend: 2006 – 99.6 %, 2007 – 95 %, 2008 – 100%, 2009 – 100%, 2010 – 98.8%

22 75.6% of permanent status road inspections completed. Target: 100%.

5 Year Trend: 2006 – 83.4%, 2007 – 95.6%, 2008 – 48.6%, 2009 – 89.8%, 2010 – 75.6%

23 80.7% of temporary road inspections were completed. Target: 100%.

5 Year Trend: 2006 – 84.4%, 2007 – 88.6%, 2008 – 71.4%, 2009 – 72.8%, 2010 – 80.7%

24 31.7 % of permanent road was revegetated within the specified period. Target: 100% with a variance of 5%

5 Year Trend: 2006 – 98.7%, 2007 – 86.2%, 2008 – 59.3 %, 2009 – 55.0%, 2010 – 31.7%

25 Two environmental incident related to riparian areas occurred.

The first incident was a non-classified drainage crossing that gave way under a loader. Damage was minor, with 168 m3 of material that entered the NCD. Water was flowing clear within 25 metres of the event. The second incident was a riparian management zone that was clearcut rather than following the site plan that stated only large and beetle prone trees would be removed. The contractor received a fine from the government, and Tolko was found to have shown adequate due diligence in work instructions to the contractor. All action plans relating to both of these incidents were completed.

5 Year Trend: 2006 – no incidents, 2007 – 2 incidents, 2008 – 6 incidents, 2009 – no incidents, 2010 – 2 incidents

27 Three access management strategies were not implemented as required (88.5% were completed). Target 100% completion.

Three sections of road totalling 0.9 km were not deactivated/rehabilitated within the specified time frame to address mule deer winter range, critical moose winter range, and a walk-in lake buffer area.

5 Year Trend: 2006 – 100%, 2007 – 100%, 2008 – 100%, 2009 – 100%, 2010 – 88.5%

38 95.2% of contractors conducting on the ground work were SAFE Company registered and/or certified or they carried an equivalent safety program. Target 100%.

5 year Trend: Not applicable, new target for 2010.

**Conclusions from the Management Review**

The monitoring results indicate that Tolko Okanagan Regional Woodlands is meeting or exceeding many of the targets contained in the SFM plan. However, we continue to have issues meeting the targets relating to road inspections and grass seeding despite implementing revised systems to meet the objectives. It is believed that most of the shortfall is related to record keeping and that environmental performance in the field is satisfactory. The woodlands group will continue looking for solutions to facilitate improved performance in this area.

## 2010 SFM MONITORING SUMMARY



*More information on how Westbank First Nation performed against all 43 sustainability targets can be obtained by contacting Grant Thompson*

**Westbank First Nation  
Heartland Economics LP.**

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[Grant.Thompson@wfndc.ca](mailto:Grant.Thompson@wfndc.ca)

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Westbank, BC  
V4T 2G9

[www.wfndc.ca](http://www.wfndc.ca)



#### Westbank First Nation's SFM Performance Highlights: 2010

Westbank First Nation (WFN) joined the Okanagan SFMP in the spring of 2010. This is our first year of reporting under the Sustainable Forest Management (SFM) Plan. Performance goals were achieved for 39 of the 43 targets relating to the sustainability criteria in the Plan. Highlights of the 2010 SFM report follow:

- A total of 9 blocks were harvested.
- All blocks retained wildlife tree patches. All blocks retained 2-5 stubs per hectare.
- Total area planted was 376.1 ha. 100% of the areas planted were planted with species appropriate to the site.
- 96.1% of the areas planted were planted within two growing seasons.
- No permanent roads were constructed
- Planned soil disturbance was achieved on 100% of blocks.
- A total of 12.4 hectares was harvested on sites where maximum allowable soil disturbance was set at 5%.
- In total 6 of the blocks harvested in the past year were identified as having partial retention visual quality objectives. Although all of these blocks were developed to remove timber attacked by mountain pine beetle full visual impact assessments were conducted.

**Performance Requirements Were Not Achieved for 4 Targets**

**Target 22:** The EMS process which was intended to have been implemented in early 2010 was delayed until 2011. Our road risk rating will be completed as part of our EMS process. Although most of the permanent and temporary roads were visited in 2010 those visits were not documented.

**Target 23:** All existing temporary roads were either used for hauling or were visited by field crews. Although no issues were noted with the temporary roads visits in 2010 were not formally documented.

**Target 24:** Although grass seed was purchased and used its use was not tracked.

**Target 28:** Although 6 blocks harvested in the past year had been developed on the basis of recommendations of Visual Impact Assessments (VIA) the resulting disturbances were not photo documented.

# **Appendix 3**

## **Defined Forest Area Map**



Appendix 3: WFN/Tolko/Gorman/BCTS SFMP Defined Forest Area 2010

