

**Morice and
Lakes
Timber
Supply
Areas**

Sustainable Forest Management Report

(Reporting Period: April 1, 2006 – March 31, 2007)



Morice & Lakes
**IFPA**

March 20, 2008



Sustainable Forest Management Report

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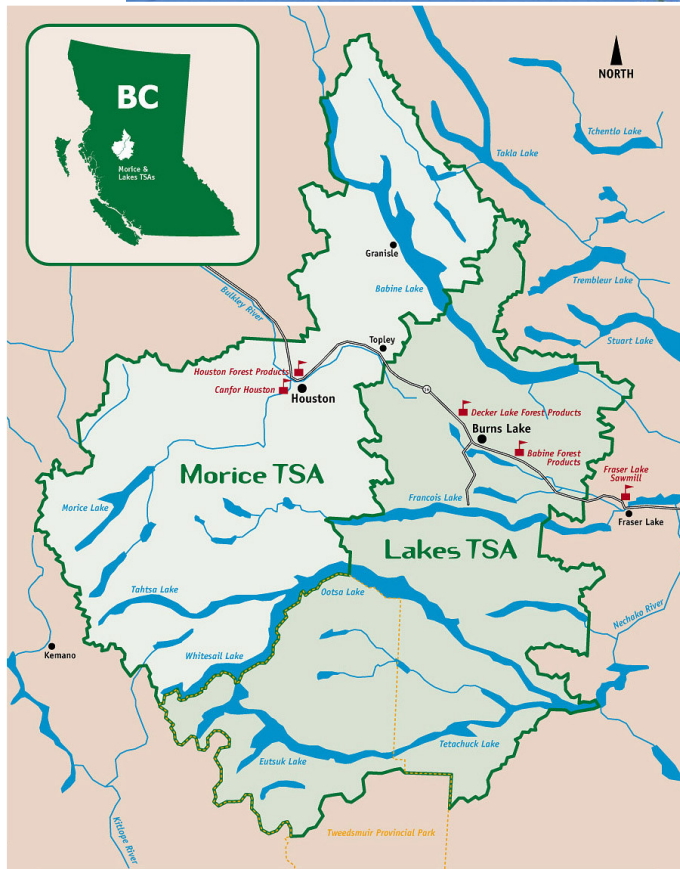
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**Morice
Timber Supply Area
&
Lakes
Timber Supply Area**

British Columbia
Canada

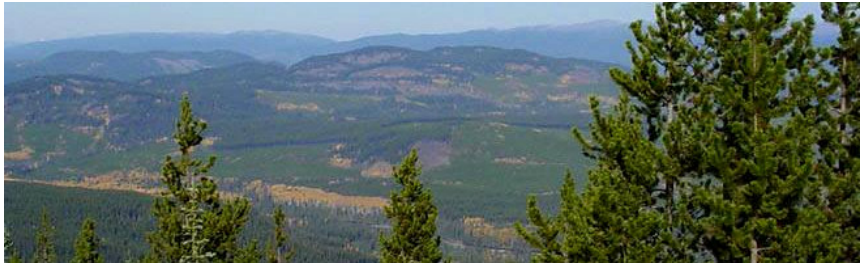


Introduction

This document is the fourth annual **Sustainable Forest Management Report** for the **Morice & Lakes Innovative Forest Practices Agreement** (M&L IFPA) and addresses three years of reporting **sustainable forest management (SFM)** indicators on both the Morice and the Lakes Timber Supply Area (TSA) land bases.



A substantial amount of investment and effort has gone into the development of an *SFM Plan* for each TSA. With the implementation of the SFM Plans now underway, a significant amount of work is required to ensure that the forest management methods and practices being used are aligned with the SFM Plans and that they are performing as expected.



Both of the SFM Plans outline SFM performance indicators and targets that the partner licensees of the M&L IFPA have oriented with their forest management operations. An important aspect of SFM is continual improvement, and the monitoring and reporting of measurable SFM indicators is a critical element in evaluating the overall SFM system being used and seeking opportunities for its improvement.

This summary document provides an overview of the M&L IFPA process to date and presents a synopsis of the results of indicator monitoring and reporting from April 1st, 2006 to March 31st, 2007.

The Morice & Lakes Innovative Forest Practices Agreement

The M&L IFPA was awarded in 1999 and is a partnership between six regional forest licensees (Babine Forest Products, Canadian Forest Products, Decker Lake Forest Products, Fraser Lake Sawmills, Houston Forest Products, and L&M Lumber) and BC Timber Sales operating in both the Morice and the Lakes Timber Supply Areas. The overall IFPA program was designed by the Province of British Columbia to support licensees in exploring new forest management ideas within an operational setting – with the intent to enhance timber supplies, improve community stability, and better integrate social and environmental values.



The provincial **IFPA program** was designed to enable licensees to explore new forest management ideas in an operational setting – to enhance timber supplies, community stability and social and environmental values.

The program was launched to advance seven goals of government:

- *Develop socially acceptable forest management plans and practices;*
- *Conserve environmental values;*
- *Increase timber supply;*
- *Improve the knowledge base to achieve specific forest management objectives;*
- *Implement a results-based approach to management;*
- *Communicate IFPA results to influence forest management; and*
- *Promote tenure reform.*

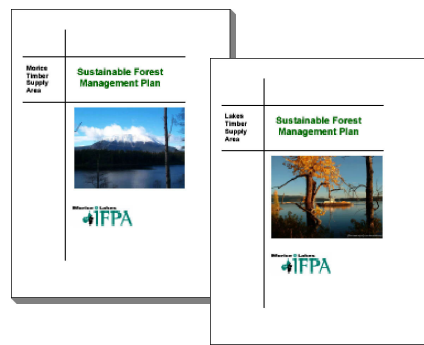


Sustainable Forest Management and the M&L IFPA

The principle behind sustainable forest management is to manage the forest ecosystem towards achieving a balance between social, ecological and economic values; doing so in a manner that satisfies current needs while still allowing future generations to enjoy similar benefits means planning responsibly – with insight, innovation and adaptability.

In Canada, a national framework for SFM has been developed by the *Canadian Council of Forest Ministers* (CCFM) that outlines six national criteria for SFM in Canada. In order to be applicable in the diverse local conditions and situations found across Canada, local-level values, objectives, indicators and targets are developed based on the CCFM criteria.

Developing and implementing SFM Plans for both the Morice and the Lakes TSAs is the central purpose of the M&L IFPA. These SFM Plans have been developed using enhanced approaches to public involvement, forest productivity, and natural disturbance-based management, and they are the instruments that enable the achievement of the M&L IFPA's goals.



Canadian Council of Forest Ministers' Criteria for SFM

1. Conservation of Biological Diversity
2. Maintenance and Enhancement of Forest Ecosystem Condition and Productivity
3. Conservation of Soil and Water Resources
4. Forest Ecosystem Contributions to Global Ecological Cycles
5. Multiple Benefits to Society
6. Accepting Society's Responsibility for Sustainable Development



M&L IFPA Public Involvement Process

The Morice & Lakes IFPA includes a significant public involvement component. In developing the SFM Plans for the two TSAs, over 100 meetings were held with local participants who represented a wide range of stakeholder interests. Well over 200 people with an interest in how local resources are managed have contributed their knowledge and expertise to the development of the SFM Plans; these dedicated volunteers from the public have helped develop the goals, objectives and indicators needed to deliver the M&L IFPA SFM Plans.

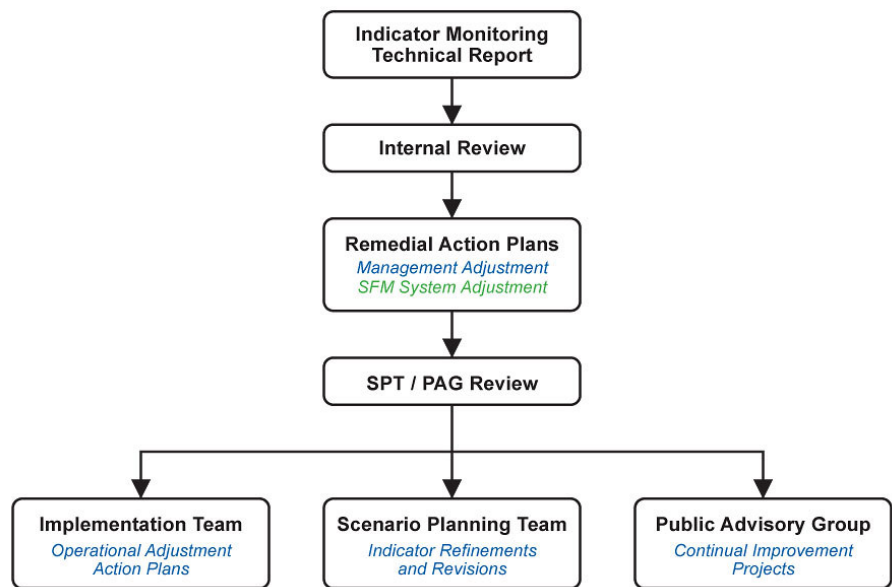


M&L IFPA Continual Improvement Process

Continual improvement includes the incorporation of new information and knowledge as well as modifications to the SFM system as a result of what is learned from indicator monitoring. Indicator results provide a means to evaluate how well management objectives are being met, and determine whether desired values are being achieved. The continual improvement process may also reveal unforeseen issues with the SFM system being used. Addressing those issues may require adjusting the SFM system in part, or as a whole.

As part of the M&L IFPA continual improvement process (flowchart at right), a Technical Indicator Report is prepared to support each SFM Plan in terms of indicator monitoring, reporting and continual improvement.

The Technical Indicator Report compiles updated information in order to observe how management and practices are performing in relation to the indicator targets that have been established. This provides feedback to evaluate whether management and practices have been effective in achieving the indicator targets or whether adjustments are needed.



Once assembled, this information is reviewed with the Public Advisory Group(s) for their input and feedback. To ensure consistency and enable year-to-year comparisons, the licensees – and the M&L IFPA – report indicator status based on Standard Operating Procedures established for indicator reporting. In addition, comments and recommendations are provided by the licensees that assist the M&L IFPA in evaluating each indicator and making any changes that may be required. This information supports the M&L IFPA in making improvement recommendations for each indicator. Such recommendations can include operational adjustments, refinements to indicators, and continual improvement projects.

Applications of the M&L IFPA SFM Plans

Given the significant amount of investment and stakeholder involvement in their development, the SFM Plans for the M&L IFPA have been built to suit multiple applications and requirements. As such, the SFM Plans are linked to the following programs and processes:

IFPA Requirements

The primary purpose of the SFM Plans (and accompanying documents) is to provide a strategic and supporting role for the Forestry Plan required for Innovative Forest Practices Agreements under Section 59.1 of the Forest Act. ▶

BC Forest and Range Practices Act

Under the BC Forest and Range Practices Act, these SFM Plans can be used to support results and/or strategies contained in Forest Stewardship Plans that are submitted by forest licensees.



Forest Investment Account

Under the Forest Investment Account (FIA) system, the SFM Plans provide Tweedsmuir Forest Ltd with the strategic direction to guide and support FIA investments (i.e. Land Based Investment Rationale).

Forest Certification Requirements



These SFM Plans have been developed to be “certification enabling”. As such, they follow the nationally recognized Canadian Council of Forest Ministers framework for SFM. M&L IFPA licensees have been able to take the SFM Plans and utilize them – as a whole, or in part – to meet voluntary forest certification standards (e.g. CSA SFM Z809-2002). To date, three of the M&L IFPA licensees have achieved certification under voluntary and independent SFM forest certification processes.

BC Government Sustainable Resource Management Planning Processes

Both of the SFM Plans have been integrated with the Land & Resource Management Plans developed by the Ministry of Agriculture and Lands’ Integrated Land Management Bureau (ILMB) for the Morice and Lakes planning areas. As such, there has been an effective exchange of learning and information between the M&L IFPA and the ILMB planning processes. Where applicable, the M&L IFPA indicator targets have been developed to be consistent with the Land & Resource Management Plan (LRMP) guidelines. In addition, the M&L IFPA has adopted some objectives from Sustainable Resource Management Plans (SRMPs).



Bark Beetle Management Strategies



Given that the landscapes within the M&L IFPA are severely impacted by bark beetles, the SFM Plans have integrated Bark Beetle Management Strategies for the M&L IFPA area. The Plans include specific indicators and targets to address sustainable forest management in the midst of significant bark beetle infestations.

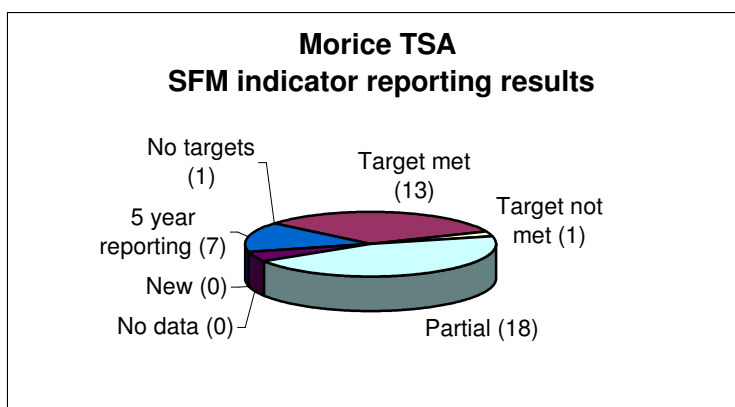
Indicator Reporting for the M&L IFPA

This is the third document prepared which summarizes the annual M&L IFPA indicator reporting results. The direct application of SFM in the M&L IFPA supports ongoing efforts to make improvements in the reporting process as more information is gained and understood about SFM performance monitoring using indicators.



Summary of Reporting Results – Morice TSA

Figure 1. SFM Indicator Reporting Results (Morice TSA)



The categories listed on the charts are as follows:

“Target met” – This refers to the number of indicators where the targets have been met (as specified in the SFM Plan).

“Partial” – This refers to the number of indicators where at least one licensee has not met the target (as specified in the SFM Plan). However, the majority of licensees have met their targets.

“No Targets” – This refers to the number of indicators where targets have not yet been established for the indicators. As such, a performance assessment cannot be completed. Further analysis is being completed to develop targets, and it is anticipated these will be in place for the next reporting period.

“No Data” – This refers to the number of indicators where data were not available in order to generate the modelling results (e.g. roads updates). It is anticipated these data will be in available for the next reporting period.

“5 year reporting” – This refers to the number of indicators that are being reported every 5 years.

“Target not met” – This refers to the number of indicators where the targets have not been met (as specified in the SFM Plan).

“**New**” – This refers to the number of new indicators that have been added during this reporting period. As such, monitoring results for new indicators will be reported in the next period.

“**Dropped**” – This refers to the number of new indicators that have been dropped during this reporting period. As such, monitoring results for dropped indicators will not be reported in the future.

Tables 1 – 6 shown on the subsequent pages relate to the above chart (Figure 1) and summarize the reporting results for each of the SFM indicators (in the categories described above).

Table 1. Morice TSA Indicators (targets met)

Indicator	Indicator Number <i>M = Morice TSA</i> <i>L = Lakes TSA</i>	Targets Met?	Comments / Recommendations
Number of participation opportunities by opportunity type	M04	Yes	The targets have been met. No further recommendations
Number of continual improvement–related projects in the DFA by licensee	M06	Yes	Technical Committee recommends changes to this indicator to incorporate an effectiveness monitoring program.
Percent seral stage distribution by non-timber tenure license by forest licensee	M19	Yes	Targets have been met. No further recommendations.
Percentage of AAC harvested by licensee	M20	Yes	Canfor, HFP, and BCTS met the target in 2006. The target relates to the obligations under the licensee over a 5 year period; therefore it is expected that licensees that do not meet targets on an annual basis, must meet targets by the end of their 5 year period.
Ratio of annual mill consumption to AAC apportionment harvested by licensee	M21	Yes	Target met. No further recommendations.
Percent of gross forest area converted to permanent access by licensee	M25	Yes	Target met. Endorsement was provided by PAG for use of revised consolidated roads data set from the IFPA Morice Permanent Access Inventory Project once it becomes available.
Percentage of forest management commitments completed on time resulting from consultations regarding non-timber features and interests by licensee	M27	Yes	Target met. No further recommendations.

Indicator	Indicator Number <i>M = Morice TSA</i> <i>L = Lakes TSA</i>	Targets Met?	Comments / Recommendations
Ratio of capital expenditures to depreciation by licensee	M28	Yes	Target met. No further recommendations.
Percent species composition of harvest volume by licensee	M35	Yes	The focus for this indicator is meeting the pine targets to address the MPB.
Benefits directed into local communities by licensee	M43	Yes	Target met. No further recommendations.
Public Advisory Group established and maintained according to approved Terms of Reference	M50	Yes	Target met. No further recommendations.
Ecosystem Carbon Storage by tonnes/ha. by Licensee	M57	Yes	Target met. No further recommendations.
Percent of harvest area in Mountain Pine Bark Beetle attacked stands by licensee	M58	Yes	Target met. No further recommendations

Table 2. Morice TSA Indicators (targets partially met)

Indicator	Indicator Number <i>M = Morice TSA</i> <i>L = Lakes TSA</i>	Targets Met?	Comments / Recommendations
Number of communications by licensee	M02	Partial	This Indicator was modified from “Number of communications by type by licensee” to “Number of communications by licensee”. Several efforts were made to contact individuals for 2006. It appears that database issues, missing/incorrect data, etc. resulted in several individuals not being contacted. Recent updates to the database appear to have corrected this issue. Modify table in detail sheet to align with recommended changes.
Number of aboriginal participation opportunities by licensee	M05	Partial	Targets may need to be adjusted to reflect relative amount of overlap with licensee’s specific operating areas.

Indicator	Indicator Number <i>M = Morice TSA</i> <i>L = Lakes TSA</i>	Targets Met?	Comments / Recommendations
Percentage of identified high hazard structures with action plans implemented by Licensee	M07	Partial	BCTS to implement program in 2007
Percent area less than 3m in height in stream RMAs by Sensitive Watershed by licensee	M10	Partial	Canfor met the target in 30 of 45 watersheds. BCTS met the target in 12 of 20 watersheds. Not meeting the target could have a potentially negative impact on riparian habitat. A qualified professional will conduct an evaluation of the watershed if additional harvesting is scheduled. This indicator could be improved by operationalizing the indicator however, it would be appropriate to wait until the Morice LRMP Best Management Practices for Riparian Management are implemented.
Percent of area less than VEG by recreation class by licensee	M11	Partial	Not meeting target could result in the full range recreational opportunities being compromised in the DFA. Propose to implement remedial actions related to updating data inputs (trails, recreational features and backcountry lakes database). Based on results above recalculate 2006 current status results and present to PAG.
Percent of area less than VEG by VQO class by Scenic Area by licensee	M12	Partial	Recreational opportunities could potentially be diminished if the visual landscape is altered too significantly Propose a revised operational indicator detail sheet to be reviewed and endorsed by the PAG
Percent area in suitable forage opportunity class by LU by licensee	M13	Partial	Canfor and BCTS met their targets. Moving forward need to update licensee DFA's and reforecast targets moving forward.
Percent area retained in WTR by LU by BEC by licensee	M15	Partial	Reduced levels of retention will be prescribed in blocks proposed for harvesting within landscape units that have WTR levels above the target and variance to move toward the target as harvesting is conducted. Increased levels of retention will be prescribed in blocks proposed for harvesting within landscape units that have WTR levels below the target to move toward and achieve the target as harvesting is conducted. Technical Committee recommends changing targets to 7% Area retained annually by licensee for all blocks in aggregate.
Percent forest in each patch type by patch size class by BEC Variant by licensee	M17	Partial	Canfor met its targets in all but one BEC variant (ESSFmc). BCTS did not meet its targets. The SBS dk will likely be on target within the next two years. The ESSF will take a while longer due to the current beetle situation and the lack of harvesting in the ESSF. For targets projected to be met in future periods need to revise current status (trending towards / away in applicable situations).

Indicator	Indicator Number <i>M = Morice TSA</i> <i>L = Lakes TSA</i>	Targets Met?	Comments / Recommendations
Percentage of blocks meeting NAR disturbance objectives by licensee	M23	Partial	Canfor: One block harvested was over the prescribed NAR disturbance limits. The block in question was a winter start-up block harvested in the fall of 2005. Long term site productivity and drainage may be negatively impacted on approximately 5.0 hectares. This represents a very small proportion of the Canfor's overall annual harvesting activities.
Percent seral stage distribution by ecosystem and wildlife value class by licensee	M31	Partial	All targets have been met with the exception of BCTS in "Mountain Goat Key Habitats". BCTS will revise business process to reflect checks regarding activities in Mountain Goat key habitat areas. For rare ecosystems moving forward for the 2007 reporting period target will be based on no new harvesting in Rare Ecosystems.
Percent Seral Stage Distribution by LRMP Biodiversity Emphasis Area / BEC Combination by licensee	M32	Partial	All targets have been met with the exception of BCTS in 1 of 20 categories. BCTS – no new harvest within SBSdk old until such time as target met.
Road density by ecosystem and wildlife value class by licensee	M46	Partial	Canfor and BCTS met their targets. Due to changes in the Licensee Operating Areas the targets for this indicator will be reviewed with the PAG.
Road density by recreation class by licensee	M47	Partial	Canfor met their targets. BCTS met its targets except in "Trophy Rainbow Trout and Lake Trout Lakes". There are no adverse implications for not meeting this target. Endorsement was provided by PAG for use of revised consolidated roads data set from the IFPA Morice Permanent Access Inventory Project once it becomes available.
Road density index (RDI) by sensitive watershed by licensee	M52	Partial	Road update data was available for the reporting period; therefore, the current status for this indicator was reported. Canfor met the target in 46 of 46 watersheds. BCTS met the target in 19 of 21 watersheds. This indicator is effective as a pressure indicator to determine the amount of roads within a watershed and is made more effective in combination with M7 (Percentage of identified high hazard structures with action plans implemented by Licensee).
Percent of Harvesting by Licensee where Recommended Operational Guidelines have been applied to Retain Structural Habitat Elements	M53	Partial	Canfor met the target. HFP and BCTS did not meet the target. These guidelines have not been implemented by HFP. BCTS does not report out on this Indicator until 2007.

Indicator	Indicator Number <i>M = Morice TSA</i> <i>L = Lakes TSA</i>	Targets Met?	Comments / Recommendations
Percentage of comments receiving response by type by licensee	M54	Partial	Canfor met the target. BCTS will improve documentation management procedures in order to meet the target.
Percent of Fires Burning During Poor or Fair Air Quality Conditions by Licensee	M56	Partial	Canfor did not meet its "Fair Air Quality" target. To ensure that this indicator is met the following is proposed. Prior to each burn day light up during "Fair Air Quality" conditions the current status for this indicator will be calculated. If the current status is less then the target then the burning for that day will continue.

Table 3. Morice TSA Indicators (no targets)

Indicator	Indicator Number <i>M = Morice TSA</i> <i>L = Lakes TSA</i>	Targets Met?	Comments / Recommendations
Area treated by treatment type by licensee	M41	No targets	Targets have not been set for this indicator for this reporting period. This will be kept as a monitor only indicator.

Table 4. Morice TSA Indicators (targets not met)

Indicator	Indicator Number <i>M = Morice TSA</i> <i>L = Lakes TSA</i>	Targets Met?	Comments / Recommendations
Percentage of total goods and services provided by local vendors by licensee	M24	No	Significant capital spending occurred in 2006 with the construction of the Houston pellet plant, Canfor energy system, and Canfor operational improvements. Much of the materials and services required to complete these projects is not available locally. Other than 2002, local Canfor spending from 2003 to 2005 has ranged from 40-45%

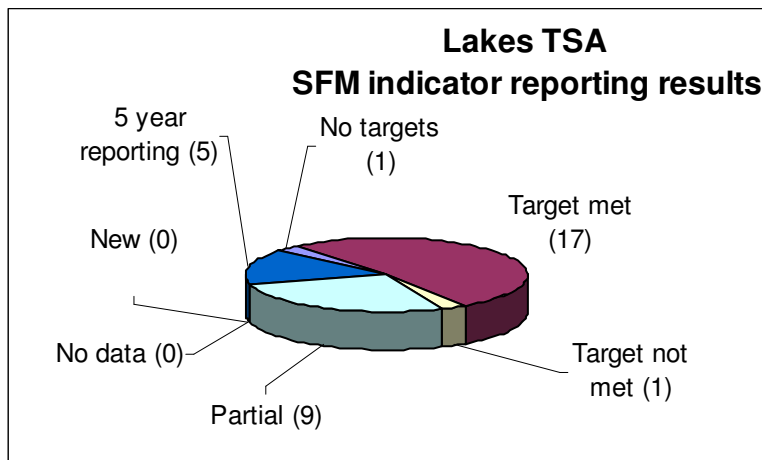
Table 5. Morice TSA Indicators (5-year reporting)

Indicator	Indicator Number <i>M = Morice TSA</i> <i>L = Lakes TSA</i>	Targets Met?	Comments / Recommendations
Percent area of the THLB and non-contributing forest by beetle hazard type (extreme and high) by licensee	M14	5-yr	This indicator has a 5 year reporting interval; therefore, the next reporting period is 2009.
Percent Species Composition by BEC by licensee	M33	5-yr	This indicator has a 5 year reporting interval; therefore, the next reporting period is 2009.
Percent area in Aspen Leading Stands within Existing and Potential Range by LU by licensee	M36	5-yr	This indicator has a 5 year reporting interval; therefore, the next reporting period is 2011.
Percent total area by wildlife value class by LU by licensee	M37	5-yr	This indicator was not reported this year due to logistical constraints (lack of required data to generate current status).
Area of arable land (Ha/5yr.) within contributing and non-contributing forest converted to agricultural lease by agricultural unit in licensee operating area	M42	5-yr	This indicator has a 5 year reporting interval; therefore, the next reporting period is 2009.
Equivalent clear cut area (ECA) by Sensitive watershed by licensee	M45	5-yr	This indicator has a 5 year reporting interval; therefore, the next reporting period is 2009.

Indicator	Indicator Number <i>M = Morice TSA</i> <i>L = Lakes TSA</i>	Targets Met?	Comments / Recommendations
Area Weighted Average Minimum Harvest Age Mean Annual Increment (m ³ /ha/year) by BEC by licensee	M49	5-yr	This indicator has a 5 year reporting interval; therefore, the next reporting period is 2009.

Summary of Reporting Results – Lakes TSA

Figure 2. SFM Indicator Reporting Results (Lakes TSA)



The categories listed on the chart above are as follows:

“Target met” – This refers to the number of indicators where the targets have been met (as specified in the SFM Plan).

“Partial” – This refers to the number of indicators where at least one licensee has not met the target (as specified in the SFM Plan). However, the majority of licensees have met their targets.

“No Targets” – This refers to the number of indicators where targets have not yet been established for the indicators. As such, a performance assessment cannot be completed. Further analysis is being completed to develop targets, and it is anticipated these will be in place for the next reporting period.

“No Data” – This refers to the number of indicators where data were not available in order to generate the modelling results (e.g. roads updates). It is anticipated these data will be in available for the next reporting period.

“5 year reporting” – This refers to the number of indicators that are being reported every 5 years.

“Target not met” – This refers to the number of indicators where the targets have not been met (as specified in the SFM Plan).

“New” – This refers to the number of new indicators that have been added during this reporting period. As such, monitoring results for new indicators will be reported in the next period.

“Dropped” – This refers to the number of new indicators that have been dropped during this reporting period. As such, monitoring results for dropped indicators will not be reported in the future.

Tables 6 - 10 shown on the subsequent pages relate to the above chart (Figure 2) and summarize the reporting results for each of the SFM indicators (in the categories described above).

Table 6. Lakes TSA Indicators (targets met)

Indicator	Indicator Number <i>M = Morice TSA</i> <i>L = Lakes TSA</i>	Targets Met?	Comments / Recommendations
Number of communications by licensee	L2	Yes	The targets have been met. No further recommendations
Number of participation opportunities by opportunity type	L4	Yes	The targets have been met. No further recommendations
Number of aboriginal participation opportunities by licensee	L5	Yes	The targets have been met. No further recommendations
Percentage of AAC harvested by licensee	L6	Yes	All licensees in the Lakes TSA. The target will be met over the 5 year period. PAG agreed with Canfor's recommendation that the target for this indicator be N/A until 2012 when harvesting in the Lakes is to recommence on the Canfor license.
Percentage of identified high hazard structures with action plans implemented by Licensee	L7	Yes	BCTS and BFP to implement programs in 2007.
Percent of area less than VEG by recreation class by licensee	L11	Yes	The targets have been met. No further recommendations.
Percent seral stage distribution by non-timber tenure license by forest licensee	L17	Yes	Licensees met their targets. Licensees will recommend new targets based on revised Operating Areas and review with the PAG when the 2006 monitoring report is presented.
Percentage of blocks meeting NAR disturbance objectives by licensee	L19	Yes	The targets have been met. No further recommendations.
Percent of gross forest area converted to permanent access by licensee	L21	Yes	Target met. No further recommendations.

Indicator	Indicator Number <i>M = Morice TSA</i> <i>L = Lakes TSA</i>	Targets Met?	Comments / Recommendations
Percentage of forest management commitments completed on time resulting from consultations regarding non-timber features and interests by licensee	L24	Yes	Target met. No further recommendations.
Percent seral stage distribution by ecosystem and wildlife value class	L25	Yes	All targets have been met. Licensees will recommend new targets based on revised Operating Areas and review with the PAG when the 2007 monitoring report is presented.
Percent species composition of harvest volume by licensee	L28	Yes	Target met. No further recommendations.
Area harvested (ha/yr) within the agriculture / settlement RMZ by licensee	L34	Yes	This indicator is ineffective. Licensees will consider a different operational indicator to replace this one for presentation to the PAG
Benefits directed into local communities by licensee	L35	Yes	Target met. No further recommendations.
Road density by ecosystem and wildlife value class by licensee	L38	Yes	Due to changes in the Licensee Operating Areas the targets for this indicator will be reviewed with PAG in conjunction with the 2007 report.
Road density by recreation class by licensee	L39	Yes	Due to changes in the Licensee Operating Areas the targets for this indicator will be reviewed with PAG in conjunction with the 2007 report..
Percent of Harvesting by Licensee where Recommended Operational Guidelines have been applied to Retain Structural Habitat Elements	L46	Yes	Target met for Canfor and BFP. FLSM and BCTS to begin reporting on this indicator in fiscal year 2007-2008
Ecosystem Carbon Storage by tonnes/ha. by Licensee	L49	Yes	Target met. No further recommendations

Table 7. Lakes TSA Indicators (targets partially met)

Indicator	Indicator Number <i>M = Morice TSA</i> <i>L = Lakes TSA</i>	Targets Met?	Comments / Recommendations
Percent area less than 3m in height in stream RMAs by Sensitive Watershed by licensee	L9	Partial	BFP met the target in 11 of 13 watersheds. FLSM met the target in 9 of 11 watersheds. BCTS met the target in 12 of 14 watersheds. Not meeting the target could have a potentially negative impact on riparian habitat. A qualified professional will conduct an evaluation of the watershed if additional harvesting is scheduled.
Percent of area less than VEG by VQO class by Scenic Area by licensee	L12	Partial	Recreational opportunities could potentially be diminished if the visual landscape is altered too significantly Update Operating Areas and forecasts to the FRPA Mitigation Scenario and present revised targets to PAG in 2008. Confirm that a visual impact assessment has been completed or an exemption has been granted.
Percent area retained in WTPs by LU by BEC by licensee	L14	Partial	The time to meet the targets will vary by LU and BEC combination and harvest rate for the LU. Technical Committee recommends changing to annual reporting and not a cumulative total
Percent forest in each patch type by patch size class by BEC zone by licensee	L15	Partial	BFP met its target in all but two BEC Zones (Lakes North SRPP/SBS and Lakes North SRMP/ESSF). BCTS met its target in all but two BEC Zones (Lakes North SRPP/SBS and Lakes North SRMP/ESSF). FLSM met its target in all but one BEC Zones (Lakes South SRMP/SBS). No corrective action is planned at this time due to the beetle situation Licensees will recommend new targets based on revised Operating Areas and review with the PAG when the 2007 monitoring report is presented.
Percentage of total goods and services provided by local vendors by licensee	L20	Partial	BFP is not able to easily produce this figure this year because of the change in ownership.
Percent seral stage distribution by LU by BEC by licensee	L26	Partial	BCTS met the targets in 26 of 27 categories. BFP met the targets in 17 of 18 categories. FLSM met the targets in 33 of 38 categories. There are no adverse implications for not meeting these targets. Licensees will recommend new targets based on revised Operating Areas and review with the PAG when the 2007 monitoring report is presented.
Percent species composition of harvest volume by licensee	L28	Partial	BCTS did not meet its Pine target. BFP and BCTS met their targets.

Indicator	Indicator Number <i>M = Morice TSA</i> <i>L = Lakes TSA</i>	Targets Met?	Comments / Recommendations
Road density index (RDI) by sensitive watershed by licensee	L45	Partial	<p>Road update data was available for the reporting period; therefore, the current status for this indicator was reported.</p> <p>BFP met the target in 4 of 16 watersheds. BCTS met the target in 9 of 16 watersheds. FLSM met the target in 5 of 15 watersheds. Not meeting the target could have a potentially negative impact on riparian habitat</p> <p>This indicator is effective as a pressure indicator to determine the amount of roads within a watershed and is made more effective in combination with L7 (Percentage of identified high hazard structures with action plans implemented by Licensee).</p> <p>Licensees will recommend new targets based on revised Operating Areas and review with the PAG when the 2007 monitoring report is presented.</p>
Percentage of comments receiving response by type by licensee	L47	Partial	All licensees met the target with the exception of BCTS. BCTS will improve documentation management procedures.

Table 8. Lakes TSA Indicators (no targets)

Indicator	Indicator Number <i>M = Morice TSA</i> <i>L = Lakes TSA</i>	Targets Met?	Comments / Recommendations
Area treated by treatment type by licensee	L33	No targets	The Lakes SFM plan has not been completed. As such, targets have not been established for this indicator (based on modelling forecasts). Work to complete the Lakes SFM plan will occur in 2006, and once targets have been developed, the performance of these analytical indicators will be reported.

Table 9. Lakes TSA Indicators (targets not met)

Indicator	Indicator Number <i>M = Morice TSA</i> <i>L = Lakes TSA</i>	Targets Met?	Comments / Recommendations
Public Advisory Group established and maintained according to approved Terms of Reference	L42	No	The PAG Terms of Reference was not reviewed in 2004/2005. The Lakes PAG was busy doing last minute reviews of the indicator reports in March and participated in certification audit interviews. Efforts to organize a meeting in March were unsuccessful due to the frequency of meetings The PAG met on April 4, 2007 to review and approve the Terms of Reference.

Table 10. Lakes TSA Indicators (reported every 5 years)

Indicator	Indicator Number <i>M = Morice TSA</i> <i>L = Lakes TSA</i>	Targets Met?	Comments / Recommendations
Percent area of the THLB and non-contributing forest by beetle hazard type (extreme and high) by licensee	L13	5-yr	This indicator has a 5 year reporting interval; therefore, the next reporting period is 2009
Percent species composition by BEC by licensee	L27	5-yr	This indicator has a 5 year reporting interval; therefore, the next reporting period is 2009
Total area by wildlife value class by LU by licensee	L29	5-yr	This indicator has a 5 year reporting interval; therefore, the next reporting period is 2009
Equivalent clear cut area (ECA) by watershed by licensee	L37	5-yr	This indicator has a 5 year reporting interval; therefore, the next reporting period is 2009
Mean annual increment (m ³ / ha / year) by BEC by licensee	L41	5-yr	This indicator has a 5 year reporting interval; therefore, the next reporting period is 2009

This report provides summary information on our sustainable forest management plans and monitoring systems. Detailed indicator performance monitoring reports and recommendations for both the Morice and Lakes SFM plans can be viewed by contacting the IFPA General Manager.

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