

<p><b>FOREST INVESTMENT ACCOUNT LAND BASE INVESTMENT RATIONALE 2008/09</b></p>
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<b>Date:</b>	March 10, 2008
<b>Region:</b>	Southern Interior Forest Region
<b>Management Unit(s):</b>	Okanagan TSA 22 and Westbank First Nations Community Forest License
<b>Licensee Involvement:</b>	Okanagan Innovative Forestry Society on behalf of:
	BC Timber Sales- Okanagan Columbia Business Unit
	Bell Pole Canada Inc.
	Federated Co-operatives Limited
	Gorman Bros. Lumber Ltd.
	Louisiana Pacific Canada Ltd.
	Selkirk Timber Company
	Tolko Industries Ltd.
	Weyerhaeuser Company Ltd.
	Westbank First Nations Community Forest License Agreement
	Ministry of Environment
	Ministry of Forests and Range
	Integrated Land Management Bureau

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## **Section 1 Overview of the FIA Land Base Investment Program (LBIP) and the Land Base Investment Rationale (LBIR)**

The Forest Investment Account (FIA) is a forest-sector investment model, led by government, established to deliver the province's forest investment in an accountable, efficient manner. FIA's purpose is to assist government to develop a globally recognized, sustainable managed forest industry. Investment dollars have been directed to activities on public land – enhanced forestry, watershed restoration and resource inventories – and marketing and research that support sustainable forest management and increased allowable annual cuts.

The goals of the FIA include:

- Actively fostering sustainable forest management;
- Improving the public forest asset base;
- Promoting greater returns from the utilization of public timber.

The FIA's Land Base Investment Program (LBIP) provides funding to eligible recipients to undertake work to improve the forest asset base and support sustainable forest management practices on Crown land through:

- higher level strategic decision-making and planning;
- increased timber volume and value;
- increased site productivity;
- restored terrestrial, aquatic and riparian environments;
- better decision-making information and tools; and,
- infrastructure that protects public safety and mitigates environmental hazards.

The Land Base Investment Rationale (LBIR) provides context and focus for FIA land base investments. The LBIR provides an overview of the management unit, e.g., Timber Supply Area or Tree Farm License issues that need to be addressed over the short term (3-5 years) for the achievement of the desired future condition of the forests within it (e.g. desirable age class and seral stage distribution, desirable habitat distribution). It also provides ministries with documentation that links the LBIP activity expenditures at the forest and stand level with resource objectives at the management unit and strategic level, and LBIP objectives at the provincial level.

For 2008/09, the LBIR structure is primarily aimed at addressing these issues as well as improving efficiency and effectiveness of the program and increasing collaboration across management units:

- LBIR structure may be configured into a logical unit to describe issues and activities, for example, where there are multiple Forest Districts (FDs) within one management unit (MU), for example, a TSA; and
- This LBIR will include West Bank First Nations Community Forests.

The management unit included in this LBIR is TSA 22 in the Okanagan and Community Forest Licenses.

## **Section 2 Resource Objectives**

This document presents a summary of the Okanagan TSA and the Westbank First Nations Community Forest License Agreement Area 2008-2009 Landbase Investment Rationale.

*The key objectives for the Okanagan TSA) covered by this LBIR are:*

- 1. To conserve biological diversity through sustainable forest management*
- 2. To maintain and enhance forest ecosystem conditions and timber productivity through sound forest management*
- 3. To manage for and conserve soil and water resources*
- 4. To understand and manage for forest ecosystem contributions to global ecological cycles*
- 5. To generate multiple benefits to society*

*The key objectives for the Community Forest Licenses in the Okanagan are covered by this LBIR are:*

- 1. To conserve biological diversity through sustainable forest management*

The objective of this document is to demonstrate that the investment schedules submitted by the Society and licensees are linked to resource management goals for the Okanagan TSA. The objectives are derived from:

- Chief Forester's determination for Timber Supply Review, December 5<sup>th</sup>, 2005 (TSR3);
- DRAFT Silviculture 1 Strategy Inputs (November 30<sup>th</sup>, 2005), Forsite Consulting Ltd.;
- Regional Executive Director's IFPA Uplift Request Determination December 5<sup>th</sup>, 2005;
- OIFS Forestry Plan, March 2005;
- SFMP, March 2004;
- Type 2 Incremental Silviculture Analysis, March 2002;
- Kamloops Regional Resource Management Plan, September 2001; and
- Okanagan-Shuswap Land and Resource Management Plan, January 2001.

In addition, Gorman's, Weyerhaeuser and Tolko have developed their own SFMP for their operations in the Okanagan TSA.

- Gorman's/Weyerhaeuser/ Tolko/ BCTS Okanagan Sustainable Forest Management Plan, January 2008.

Input to the LBIR has been provided by the Ministry of Forests and Range, Ministry of Environment, and the Integrated Land Management Bureau through their participation and input to the Technical Committee of the Okanagan Innovative Forestry Society.

## Section 3 – Key Issues

Objective	Issue
<p><b>1. Conservation of biological diversity</b></p>	<p>1a) Restore Fish Passage with blocked upstream migration at the following creeks (Beak / Barton, Blanc / Charcoal, Harris, Joe Rich, Kettle, Nicola River, Trout, Winnifred, Kwikoit)            1b) Inventory Williamson’s Sapsucker habitat            1c) Seed provenance trials with MPB stands            1d) Elk habitat and fire            1e) Use of maritime Fd stock            1f) Pli seedlots            1g) Forage – herbicide application            1h) Fisheries data consolidation            1i) Fisheries data collection            1j) Mule deer winter range habitat study            1k) Pine marten habitat research            1l) Mountain caribou habitat research            1m) Deer tracking in fertilization plots            1n) Grizzly Bear habitat modelling            1o) Analysis of Species at Risk Act – Gap analysis            1p) Analysis of Species at Risk Act            1q) Biodiversity – Impacts on RMZ’s            1r) Biodiversity – stand level requirements            1s) Fish Passage, assessment WFN CFA            1t) Inventory of Flamulated Owl habitat            1u) Blue Heron inventory            1v) Advance Regen Understory Inventories MPB areas</p>
<p><b>2. Maintenance and enhancement of forest ecosystem condition and productivity</b></p>	<p>2a) Backlog surveys            2b) Site prep. of backlog surveys            2c) Reforest 2003 / 2006 wildfire area - surveys            2d) Reforest 2003 / 2006 wildfire area – seedlings            2e) Reforest 2003 /2006 wildfire area – planting            2f) Reforest 2003 / 2006 wildfire area – stand tending            2g) Knockdown of standing timber in wildfire areas            2h) 2003 drought mitigation            2i) Aerial photographs of OK TSA            2j) Prelim. Sampling of Fdi and Sx for products            2k) Landscape strategies – adaptive management            2l) Landscape strategies – integrate major components            2m) Landscape strategies – OGMA’s            2n) PEM / SIBEC            2o) Timber supply analysis – maintain uplift (ie Caribou)            2p) Survey of backlog NSR            2q) Backlog NSR – reduce from previous years</p>

	<p>2r) Site productivity shift due to global warming</p> <p>2s) Growth and Yield Monitoring – monitoring objectives</p> <p>2t) Growth and Yield Monitoring – SI adjustments</p> <p>2u) Growth and Yield Monitoring – update monitoring plan</p> <p>2v) Growth and Yield Monitoring – CF’s concern</p> <p>2w) Stand tending – vegetation control</p> <p>2x) Stand tending – monitoring and improvement</p> <p>2y) Stand tending – brushing</p> <p>2z) Fire ecosystem restoration – 2006 Ashnola/Border Lake</p> <p>2aa) 2003 wildfires – surveys, site prep., sowing, planting</p> <p>2ab) Impeded stands analysis</p> <p>2ac) Fertilization trials</p> <p>2ad) OAF Ingress model analysis</p> <p>2ae) Stocking standards – update Balsam Fir criteria</p> <p>2af) Lodgepole Pine density analysis</p> <p>2ag) Genetic gain</p> <p>2ah) Stocking standards – NDT4</p> <p>2ai) Retention planning for MPB salvage</p> <p>2aj) <i>Rehabilitation of forested stands impacted by MPB – surveys</i></p> <p>2ak) Rehabilitation of forested stands impacted by MPB – site treatment</p> <p>2al) Rehabilitation of forested stands impacted by MPB - planting</p> <p>2am) Roads, landings &amp; trails Assessments</p> <p>2an) Terrestrial Ecosystem Mapping (TEM) WFN CFL</p> <p>2ao) Fertilization Broadcast aerial and manual</p>
<p>3. Conservation of soil and water resources</p>	<p>3a) Deactivate and culvert non-status roads in BCTS and WFN operating areas</p> <p>3b) Fish passage culvert inspection procedure</p> <p>3c) Upper Penticton Creek – stream flow monitoring, snowline monitoring, water quantity/quality</p> <p>3d) Water values in Okanagan Valley - Water quality monitoring</p> <p>3e) Stable road structures – rehabilitation of non-status roads</p> <p>3f) Stable road structures – Esperon / Big Horn Dam</p> <p>3g) Stable road structures – Bear Main</p> <p>3h) Stable road structures – Road deactivation Vernon Creek</p> <p>3i) Stable road structures – Environmental maintenance Meighan Community Watershed</p> <p>3j) Stability of terrain features</p> <p>3k) Water – Mission creek</p>

	<p>3l) Water – snowline monitoring, weather stations</p> <p>3m) Water – enhanced riparian reserves &amp; channel monitoring</p> <p>3n) Water – modelling community watersheds</p> <p>3o) Hydrological impact of MPB killed stands</p> <p>3p) Groundwater modelling in Duteau creek</p>
<p>4. Forest ecosystem contributions to global and ecological cycles</p>	<p>4a) Forest Health plan – non recoverable losses</p> <p>4b) Forest Health plan – forest health issues</p> <p>4c) Forest Health plan – rehabilitation of MPB stands</p> <p>4d) Timber emphasis inventory – shifts in ecological succession</p> <p>4e) Timber emphasis inventory – MPB impacts on VRI phase 2 inventory</p> <p>4f) Operational adjustment factors</p>
<p>5. Multiple benefits to society</p>	<p>5a) Public involvement – workshops</p> <p>5b) Public involvement – MPB signage</p> <p>5c) BEC mapping</p> <p>5d) Archaeological Overview Assessments – cultural heritage resources – Mt. Ida</p> <p>5e) Recreation REC sites</p> <p>5f) Fencing project to keep mud boggers out of reservoir at Firsk Lake</p>
<p>6. Accepting society's responsibility for sustainable development</p>	<p>6a) SFMP – Public Advisory Group</p> <p>6b) Complete 2009-2010 LBIR</p> <p>6c) Information management</p> <p>6d) Sustainable Forest Management planning</p> <p>6e) RESULTS</p> <p>6f) Forest Education</p> <p>6g) SOSIEPs Strategic plan for Invasive Plants- Identify and treatment</p>

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**Section 4 – Eligible LBIP Activities, Anticipated Benefits and Information Sharing/Consultation**

Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
1	Restoration and Rehabilitation- Aquatic- Culvert Designs and Culvert Replacements	1a) Restore fish passage to stream reaches where upstream migration has been impeded by development at the following creeks: Beak / Barton, Blanc / Charcoal, Joe Rich, Harris, Kettle, Nicola River, Trout, Winnifred, Kwikoit (1a from 2007-08)	SFMP, Appendix 4: pages 113-114	Genetic diversity is maintained and upstream fish passage is restored.	No	2005-06: \$200,000 2006-07: \$373,000 2007-08: \$400,000 In Future: \$1,000,000	N/A	Information and Notification
1	Information Gathering and Management- Sample Plan and census/ inventory of Williamson's Sapsucker (WISA) in low to moderate quality habitats	1b) Williamson's Sapsucker is listed in COSEWIC. Work done in 2006/07 with multi-recipients successfully mapped the breeding / non-breeding season habitat attributes and population levels however; more work is required to determine if WISA occupies or uses moderate or low value breeding habitat (aspen). Previous work ignored possibility that the birds use less than ideal habitat (1b from 2007-08).	SFMP Appendix 4 pages 113-114	Help to understand if WISA uses alternate habitat and whether alternative management regimes for WISA are feasible.	No	2006-07: \$20,000 Future: \$20,000	N/A	Information and Notification

Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
1	Stand Establishment and Treatment – Backlog Reforestation-Sowing-Genes Resource Management- B+ seed collection from TSA 22 sample sites	1c) Previous FIA funded research trial to test potential B+ seed provenances is threatened by MPB epidemic. Small operational collections of potential B+ provenances required to safeguard an operational supply in case legitimate B+ source is identified. Trial outcomes at risk (1c from 2007-08).	SFMP Appendix 4, pages 113-114	Potential B+ sources are safeguarded with small collections.	No	Past: \$0 Future: \$30,000	N/A	Information & Notification
1	Information Gathering and Management- Wildlife Inventory-Elk Inventory	1d) Recent disturbances from the Chaps and Okanagan Mountain fires may have lead to an increase in elk populations. An inventory is required to confirm whether elk have benefited from these disturbances. Study area is from the USA border to Okanagan Mountain Park and includes Weyerhaeuser's operating area of TSA 22 (1d from 2007-08)	SFMP Appendix 4 pages 113-114	Inventory will provide improved presence and abundance information on elk from the US border to Okanagan Mountain Park	No	Past: \$0 Future: \$50,000	N/A	Information & Notification
1	Forest Genetics	1e) Use of maritime Fd stock (1e from 2007-08)	SA4.0, WSFMP	Determine opportunities to use maritime Fd stock to increase productivity of plantations.	No	08/09 \$10,000	N/A	Information and Notification

Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
1	Forest Genetics	1f) Pli Seed lots (1f from 2007-08)	WSFMP	B+ Seed Provenance Testing. One trial site in OK TSA requires establishment and planting to determine potential increase of productivity.	No	08/09 \$25,000	N/A	Information and Notification
1	Invasive Species Eradication	1g) Forage (1g from 2007-08)	SFMP 6.0	Application of herbicides along road rights-of-way to control spread of noxious weeds.	No	\$15,000	N/A	Information & Notification
1	Resource Inventories - Fish and Fish Habitat	1h) Fisheries data consolidation (1h from 2007-08)	SFMP 8.0	This consolidation will facilitate calculations of actual riparian classifications for TSR 3.	No	\$30,000	N/A	Information & Notification
1	Resource Inventories - Fish and Fish Habitat	1i) Fisheries data collection (1i from 2007-08)	FP 3.2.4	Determine fish populations and habitat status in selected watersheds.	Yes	\$50,000	N/A	Information & Notification

Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
1	Forest Dynamics and Decision Support - Wildlife and Wildlife Habitat Modelling	1j) Mule deer winter range research (1n from 2007-08)	SFMP 9.0	Continuation of current project. Lessen current constraints on industry. In IFPA determination OIFS assumptions were felt to underestimate true constraint. RM then acknowledged the completed sensitivity analyses of higher management constraints have minimal short term impact. RM concluded DWR was not sufficiently modelled, but that it would not impact short term harvest.	Yes	08/09 \$30,000	4633005	Information & Notification
1	Forest Dynamics and Decision Support - Wildlife and Wildlife Habitat Modelling	1k) Pine marten habitat research (1o from 2007-08)	SFMP 9.0	Determine requirements for pine marten. Continuation of current project. Lessen current constraints on Industry.	Yes	\$60,000 Annually	4633004	Notification and Information through extension

Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
1	Forest Dynamics and Decision Support - Wildlife and Wildlife Habitat Modelling	1l) Mountain caribou habitat research (1p from 2007-08)	SFMP 9.0	Determine requirements for mountain caribou. Continuation of current project. Lessen current constraints on Industry. The results of this research will affect access to short term timber supply. In IFPA analysis, RM concerned that no specific modelling considerations were made, but accepted information as modelled.	Yes	\$85,000	4633006	Notification and Information through extension
1	Forest Dynamics and Decision Support - Wildlife and Wildlife Habitat Modelling	1m) Deer Tracking in fertilization project (1q from 2007-08)	SFMP9.0	The intent is to determine whether fertilization for non timber objectives affects the movement of mule deer in identified winter range areas. Additionally, studies will investigate wildlife diversity in a mosaic of Lodgepole pine forest cover types. This mosaic is defined by post spacing stand densities and fertilization levels.	No	\$20,000	2007-08: #4633004 2008-09: #4776004	Information & Notification

Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
1	Forest Dynamics and Decision Support - Wildlife and Wildlife Habitat Modelling	1n) Grizzly Bear habitat monitoring (1s from 2007-08)	SFMP 9.0	RM concerned that modelling assumptions may have underestimated constraints, but could not quantify. RM accepted information as modelled.	Yes	\$20,000	4580001	Notification and Information through extension
1	Forest Dynamics - Wildlife and Wildlife Habitat Modelling	1o) Analysis of Species at Risk Act (1t from 2007-08)	WSFMP	Implementation of Federal Government's Species At Risk Act (SARA). Impacts of implementation are not well understood. Gap analysis required.	Yes	\$15,000	2008-09: #4778015	Information & Notification
1	Information Gathering and Management - SARA Initiatives	1p) Species at Risk Act (1u from 2007-08)	WSFMP	Address study needs of SARA initiatives in southern Okanagan.	Yes	\$15,000	2008-09: #4778015	Information & Notification
1	Information Gathering and Management - Forest Dynamics and Decision Support - Modelling Landscape Level Retention Projections	1q) Biodiversity (1v from 2007-08)	Weyco-SFMP	To understand what options may be available to mitigate the impacts on RM7'c	Yes	08/09 \$100,000	N/A	Information & Notification
1	IFPA analysis	1r) Biodiversity (1w from 2007-08)	IFPA Dec 05 P38	Assess how to better incorporate stand level biodiversity requirements in future analyses	New Issue	09/10 \$40,000	N/A	Information & Notification
1	Restoration and Rehabilitation- Aquatic- Culvert Designs and Culvert Replacements	1s) Restore fish passage to stream reaches where upstream migration has been impeded by development (1x from 2007-08).	Community Forest License: WFN management plan	Genetic diversity is maintained and upstream fish passage is restored.	No	Past: \$20,000 Future: \$50,000	N/A	Information and Notification

Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
1	Information Gathering and Management- Sample Plan and census/ inventory of Flamulated Owl (WISA) in low to moderate quality habitats	1t) Flamulated owl is listed in COSEWIC. Work done in 2006/07 with multi-recipients successfully mapped the breeding / non-breeding season habitat attributes and population levels however; more work is required to determine if WISA occupies or uses moderate or low value breeding habitat (aspen). Previous work ignored possibility that the birds use less than ideal habitat.	SFMP Appendix 4 pages 113-114	Help to understand if WISA uses alternate habitat and whether alternative management regimes for WISA are feasible.	No	2006-07: \$20,000 Future: \$20,000	N/A	Information and Notification
1	Information Gathering and Management – Sample Plan and census/ inventory of in low to moderate quality habitats Blue Heron Inventory	1u) Blue Heron is listed in COSEWIC. Work is required to determine if heron occupies or uses moderate or low value breeding habitat. Previous work ignored possibility that the birds use less than ideal habitat.	SFMP Appendix 4 pages 113-114	Help to understand if blue heron uses alternate habitat and whether alternative management regimes are feasible.	No	\$ 5,000	New Project	Information and Notification
1	Information Gathering and Management – Advance regeneration in understory, inventories of MPB areas	1v) Identification of stands that have acceptable stocking of species other than Lodgepole pine.	Silviculture Type 1 and Type 2 strategies	Stand stocking with alternate species in pine stands affected by MPB	No	\$ 50,000	New Project	Information and Notification

Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
2	Stand Establishment and Treatment-Backlog Reforestation Surveys	2a) Backlog surveys required to maintain stand inventory data and to locate backlog silviculture opportunities (2a from 2007-08).	SFMP: Appendix 4 page 115	Backlog areas are identified and scheduled for treatment.	N/A	Past: \$100,000 2008-09: \$50,000	N/A	Information and Notification
2	Stand Establishment and Treatment- Current Fire and Pest Reforestation-Site preparation (Chaps and Vas fires)	2b) Site prep of backlog and discretionary (2003 fires) NSR to facilitate reforestation (2b from 2007-08).	SFM: Appendix 4 pages 115	Backlog and discretionary areas are site prepared.	N/A	2008-09: \$100,000	N/A	Consultation
2	Stand Establishment and Treatment-Current Fire and Pest Reforestation-Surveys	2c) Discretionary surveys required to reforest areas affected by 2003 wildfires (2c from 2007-08).	SFMP: Appendix 4 page 115	Discretionary areas are identified and scheduled for treatment.	N/A	Past: \$250,000 Future: \$25,000	N/A	Information and Notification
2	Stand Establishment and Treatment- Current Fire and Pest Reforestation-Planting (Sowing) (Chaps and Okanagan Mountain fires)	2d) Obtain seedlings for discretionary reforestation of 2003 fires (2d from 2007-08).	SFMP: Appendix 4 page 115	Seedlings to reforest discretionary areas are obtained.	N/A	Past: \$500,000 Future: \$50,000	N/A	Information and Notification

Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
2	Stand Establishment and Treatment- Current Fire and Pest Reforestation-Planting (Chaps and Okanagan Mountain fires)	2e) Planting of discretionary NSR resulting from 2003 wildfires (2e from 2007-08).	SFM: Appendix 4 page 115	Discretionary NSR is reduced.	N/A	Future: \$250,000	N/A	Consultation completed in FFT 2006
2	Stand Establishment and Treatment- Current Fire and Pest Reforestation-Stand Tending	2f) Stand tending of backlog impeded stands and impeded stands resulting from 2003 fires (2f from 2007-08).	SFMP: Appendix 4 page 115	Impeded stands are relieved from excessive competition. MAI's are increased.	N/A	Past: \$250,000 Future: \$500,000	N/A	Consultation
2	Stand Establishment and Treatment- Current Fire and Pest-Site Preparation of Impeded Stands in Preparation for Spacing	2g) Knockdown of standing timber is required in areas burned by 2003 wildfires as numerous stands have regenerated far beyond maximum density (impeded stands). Knockdown within these areas is required to make treatment units safe for spacing (2g from 2007-08).	SFMP: Appendix 4 page 115	Improve MAI from near-zero to pre-fire levels. Will reduce downward pressure on AAC.	N/A	Past: unknown Future: \$50,000	N/A	Consultation completed in FFT program.

Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
2	Stand Establishment & Treatment- Current Fire and Pest- Planting- Drought FRPA 108	2h) There is a recent decision to allow drought as an agent of disturbance in FRPA 108 applications. Some areas in Weyerhaeuser's TSA 22 chart area affected by 2003 drought will need relief of funding as per FRPA 108. MOFR may elect to use FIA funds for the purpose of restoring appraisal areas to the pre-disturbance condition. Applications citing drought were already made by Weyco in 2003 (2h from 2007-08).	SFMP Appendix 4 page 115	Re-plant licensee funded areas killed by drought. FRPA Section 108 – government provides material relief.	No	Past: \$300,000 Future: \$50,000	N/A	Information & Notification
2	Information Gathering and Management- Digital Imagery Surveys	2i) Large scale aerial photographs are required for inventory updates and identification of silviculture issues e.g. NSR, brushing, and spacing (2i from 2007-08).	SFMP Appendix 4 page 115	Silviculture issues are identified and inventory updates are completed.	N/A	2007-08: \$600,000 2008-09: \$20,000	N/A	Information & Notification

Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
2	Information Gathering and Management - Developing information on branch dynamics for Fdi and Sx	2j) Preliminary sampling is required for Fdi and Sx to determine branch dynamics for potential forest products (2j from 2007-08).	SFMP Appendix 4 page 115	Determine branch dynamics and its implications for forest products	No	Past: \$50,000 Future: \$50,000	N/A	Information and Notification
2	Development of objectives or indicators for a management unit or subset of a management unit	2k) Landscape Strategies (2k from 2007-08)	OSLRMP-Timber	Use of adaptive management to ensure continued fibre flow in various watersheds.	Yes	\$30,000, 5 years	N/A	Information & Notification
2	Developing Management Unit of Watershed Level Strategies	2l) Landscape Strategies (2l from 2007-08)	OSLRMP-Timber	The development of landscape strategies is a key component required for SFM Plans. These strategies will involve the integration of hydrology, terrain, fisheries and any other significant non-timber resource values to provide direction for forest development to achieve sustainability	Yes	\$30,000 Annually	N/A	Information & Notification
2	Developing Management Unit of Watershed Level Strategies	2m) Landscape Strategies (2m from 2007-08)	TSR3 p.37	Identified a potential downward pressure once spatial OGMA's area identified, but felt to have minimal short-term impact, considering MPB epidemic.	No	\$30,000 Annually	N/A	Information & Notification

Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
2	Predictive Ecosystem Management	2n) PEM/SIBEC (2n from 2007-08)	SFMP 5.0	Underlying ecological data for basis of future analysis. SIBEC data collection to meet applicable standards. PEM wetbelt and drybelt analysis.	Yes	Past: \$60,000 Future: \$50,000	N/A	Information & Notification
2	Timber Supply Analysis	2o) Timber supply analysis (2o from 2007-08)	SFMP 5.0	Maintain IFPA uplift of 332,200 m3 per year. Caribou analysis in 2007/08	Yes	\$5,000 in 2008 \$50,000 in 2010	N/A	Information & Notification
2	Stand Treatments to meet Timber Objectives - surveys	2p) Survey of backlog NSR (2p from 2007-08)	SFMP 5.0	Improved classification of area currently classified as backlog NSR.	Yes	\$100,000 in each of 2008, 2009	N/A	Information & Notification
2	Backlog Reforestation - surveys, prescriptions, site preparation, planting	2q) Backlog NSR (2q from 2007-08)	SFMP 5.0	Reduce backlog NSR that appears on inventory files	Yes	\$100,000 in each of 2008, 2009	N/A	Information & Notification
2	Forest Dynamics and productivity	2r) Site productivity shift due to global warming (2r from 2007-08)		Assessment PEM site series for adjustments to stocking standards	Yes	\$20,000 a year 2008 - 2011	N/A	Information & Notification
2	Growth and Yield	2s) Growth and Yield Monitoring (2s from 2007-08)	FP 3.2.2	Development of monitoring objectives to track and confirm forest growth and yield in the TSA.	No	\$50,000 Annually	N/A	Information & Notification
2	Growth and Yield	2t) Growth and Yield Monitoring (2t from 2007-08)	TSR3, IFPA Dec 05	Accepted SI adjustments for both wet and dry belt. Identified concern for lack of sampling in ESSF, but acknowledged this posed insignificant short-term risk. Continue modelling efforts and ground sampling to improve site index estimates.	No	08/09 \$ 50,000, 09/10 \$ 50,000, 10/11 \$ 50,000	N/A	Information & Notification

Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
2	Growth and Yield	2u) Growth and Yield Monitoring (2u from 2007-08)	TSR3, IFPA Dec 05 p.37	Update monitoring plan to ensure inventory sampling and site productivity estimates result in expected growth and yield projections, including stands in high elevation / selection zones	No	Past: \$50,000 Future: \$50,000	N/A	Information & Notification
2	Reforestation	2v) Growth and Yield Monitoring (2v from 2007-08)	TSR3	CF indicated concerned that there may be more reliance on natural regen vs. planting, impacting tree improvement assumptions. In addition, the assumed 2-year regen delay may not be achievable. Also recognized underestimation for NSR stands, but considered to have no short term impact.	No	\$5,000 annually	N/A	Information & Notification
2	Stand Treatments for Timber Objectives	2w) Stand tending - vegetation control (2w from 2007-08)	SA5.0	Protect planting investment by carrying out vegetation control on newly planted openings. Treat competing vegetation on established stands so free growing can be attained.	No	\$300,000 annually	N/A	Consultation with locations and maps
2	Strategic Resource, Planning - Brushing Strategy	2x) Stand tending - monitoring and improvement (2x from 2007-08)	WSFMP	Build on expert systems and existing Weyco documents, monitoring of implementation and continuous improvement.	No	\$10,000	N/A	Information & Notification

Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
2	Stand Establishment and Treatment - Brushing and Spacing	2y) Stand tending - brushing (2y from 2007-08)	WSFMP	Brushing to create FG stands and spacing to address extremely overstocked Pli stands	No	\$500,000 annually	N/A	Consultation with locations and maps
2	Stand Treatments to meet Timber Objectives	2z) Fire ecosystem restoration (2z from 2007-08)	SA5.0	2006 Ashnola / Border Lake Fire Ecosystem Restoration Plan	N/A	\$75,000/yr for next 5yrs (restoration works), +/- \$30,000 (restoration plan)	N/A	Consultation with locations and maps
2	Stand Treatments to meet Timber Objectives	2aa) 2003 Wildfires surveys , site preparation sowing , planting (2aa from 2007-08)	SA5.0	Surveys, site preparation, sowing and planting of backlog and discretionary areas will be required. Existing Okanagan TSA Type 1 and 2 Silviculture Strategies will need to be updated to rationalize discretionary activities	No	\$400,000 annually	N/A	Consultation with locations of site prep and maps
2	Impeded Stands	2ab) Impeded Stands (2ab from 2007-08)	SA5.0	Prescriptions, brushing of stands impeded by brush and non-commercial species	Yes	\$100,000, 08/09 \$100,000, 09/10 \$100,000, 10/11	N/A	Information & Notification
2	Information Gathering and Management -Fertilization trial	2ac) Fertilization Trials of non-PI leading stands (2ac from 2007-08)	WSFMP	Determine height growth response of Sx seedlings to N fertilization at high elevation. Possible reduction in time to green up. Ongoing project - year 4 of 5	Yes	08/09 \$20,000	N/A	Information & Notification

Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
2	Information Gathering and Management - Ingress Study	2ad) Ingress model (2ad from 2007-08)	WSFMP	Develop models to predict species, rates and timing of natural ingress.	Yes	\$20,000	N/A	Information & Notification
2	Information Gathering and Management - Balsam Acceptability Criteria	2ae) Stocking standards (2ae from 2007-08)	WSFMP	Update BI acceptability criteria where preferred and to update associated stocking standards.	New issue	\$25,000	N/A	Information & Notification
2	Information Gathering and Management -Pli Max Density	2af) Pli Density Analysis (2af from 2007-08)	WSFMP	Finalize the requirements for ISA level analysis and what information is required to extend the results to other ISA's.	New issue	\$20,000	N/A	Information & Notification
2	Forest Dynamics and Decision Support -Timber Modelling	2ag) Genetic gain (2ag from 2007-08)	IFPA Dec5 P 14	Model genetic gain into future TSR	New Issue	09/10 \$30,000	N/A	Information & Notification
2	Information Gathering and Management -NDT4 Stocking and Structure Standards	2ah) Stocking standards (2ah from 2007-08)	WSFMP	Update stocking and stand structure standards for NDT4 stands to increase fire resistance.	New issue	\$10,000	N/A	Information & Notification
2	Retention planning	2ai) Chief forester Direction Letter (2ai from 2007-08)	WSFMP	Development of in-block retention strategies for MPB salvage areas	N/A	+/- \$35,000/yr for next 2yrs	N/A	Consultation with locations and maps
2	Stand Treatments to meet Timber Objectives	2aj) Rehabilitation of forested stands impacted by MPB - surveys	SA5.0	Surveys of areas impacted by MPB to determine applicable stand treatment to meet timber objectives	New issue	\$100,000/yr	New Project	Information & Notification
2	Stand Treatments to meet Timber Objectives	2ak) Rehabilitation of forested stands impacted by MPB – site treatment	SA5.0	Site treatment of areas impacted by MPB to meet timber objectives	New issue	\$500,000/yr	New Project	Information & Notification

Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
2	Stand Treatments to meet Timber Objectives	2a) Rehabilitation of forested stands impacted by MPB - planting	SA5.0	Planting of areas impacted by MPB to meet timber objectives	New issue	\$500,000/yr	New Project	Information & Notification
2	Timber Supply Analysis for IFPAs	2am) Roads, landings & trails (2aj from 2007-08)	IFPA Dec 05 P. 38	Further investigate/ validate estimates for RTL	No	\$5,000, 1 year	N/A	Information & Notification
2	Terrestrial Ecosystem Mapping	2an) Operational inventory for Ecosystems	WFN Community Forest License Management Plan	Baseline Terrestrial mapping of the WFN community forest License	No	New project \$250,000 over 5 years	New Project	Information & Notification
2	Incremental Silviculture	2ao) Fertilization	Silviculture Type 1 strategy	Fertilization Broadcast Aerial and Manual application	Yes	New project \$500,000 \$1,000,000 annually	New Project	Information & Notification
3	Infrastructure- Roads- Environmental Maintenance on Non-status roads- Pentiction Creek Road Deactivation Prescriptions and Works	3a) Numerous non-status roads are not deactivated and contain undersized culverts (3a from 2007-08).	SFMP Appendix 4 pages 113-114	Roads with point sediment sources have drainage patterns restored and erosion is halted. In BCTS and WFN operating areas.	No	Past: \$100,000 Future: \$100,000	N/A	Share map and location of deactivation

3	Restoration and Rehabilitation- Aquatic-Riparian Treatment-Fish Passage Culvert Inspection Procedure	3b) Complete Fish Passage Culvert Inspection Procedure to determine the priority ranking and feasibility of removing, replacing or modifying culverts to restore fish passage to upstream habitats (3b from 2007-08).	SFMP Appendix 4 pages 113-114	Fish barriers are identified and scheduled for replacement or removal.	N/A	Past: \$500,000 Future: \$1,000,000	N/A	Information and Notification
<b>Objective</b>	<b>Eligible Activities</b>	<b>Issue</b>	<b>Supporting Key Documents (Strategy and Section)</b>	<b>Anticipated Benefits</b>	<b>For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A</b>	<b>For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete</b>	<b>For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A</b>	<b>Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation</b>
3	Information Gathering and Management-Monitoring-Water Quality/Quantity Monitoring- Upper Penticton Creek Study	3c) Continued support of the Upper Penticton Creek Research Trial - stream flow monitoring, snowline monitoring, water quantity / quality (3c from 2007-08)	SFMP Appendix 4: page 116	Continued support for the Upper Penticton Creek Research Trial will document changes to stream flow regimes and changes, if any, to water quality.	Yes	Ongoing since 1982, FIA expenditures to date \$ 49,000 (excluding DA). There are additional expenditures by MoFR & other licensees not reported here. Estimated future costs-Ongoing. Time to complete- Ongoing	Yes. #4673002 (2006-07), #4483005 (2005-06), #4378001 (2004-05), #4483005 (2003-04), #2034002 (2002-03)	Information & Notification
3	Monitoring Values for SFM-Water Quality/Quantity Monitoring- Snow Level Monitoring	3d) Water is an extremely important value in the Okanagan and was one of the key values approved in the OSLRMP in January 2001 (3d from 2007-08).	SFMP Appendix 4: page 116	The area contributing to peak stream flow is likely to be far less than the area subscribed by the H60 line. Water quality monitoring is proposed in the Okanagan Valley.	No	2008-09 is year 4 of a 5 year study. Expenditures to date \$15,372.33. Estimated future costs \$40,000 (\$8,000 X 3 years + \$16,000 for analysis). Time to complete is 3 years	Yes, FIRS project, # 4208001, # 4378002	Information & Notification

3	Environmental Maintenance Projects on Non-status Forest Roads	3e) Stable road structures (3e from 2007-08)	OSLRMP-Water, WSFMP	Rehabilitation of non status roads, trails and other structures to reduce sedimentation. Improvements to existing deactivation of access structures.	Yes	\$100,000 Annually	N/A	Information & Notification; if no change in access Consultation if Access is limited
3	Environmental Maintenance Projects on Non-status Forest Roads	3f) Stable road structure (3h from 2007-08)	OSLRMP-Water, WSFMP	Road deactivation/rehabilitation in Esperon / Big Horn Dam	N/A	Past: \$0 Future: \$30,000	N/A	Information & Notification; if no change in access Consultation if Access is limited
<b>Objective</b>	<b>Eligible Activities</b>	<b>Issue</b>	<b>Supporting Key Documents (Strategy and Section)</b>	<b>Anticipated Benefits</b>	<b>For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A</b>	<b>For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete</b>	<b>For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A</b>	<b>Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation</b>
3	Environmental Maintenance Projects on Non-status Forest Roads	3g) Stable road structures (3i from 2007-08)	OSLRMP-Water, WSFMP	Road deactivation/rehabilitation in Bear Main	N/A	Past: \$0 Future: \$20,000	N/A	Not yet completed
3	Environmental Maintenance Projects on Non-status Forest Roads	3h) Stable road structures	OSLRMP-Water, WSFMP	Road deactivation/rehabilitation in Vernon Creek	N/A	2007-08: \$3,000 2008-09: \$10,000	Yes #4778016	Information & Notification
3	Environmental Maintenance Projects on Non-status Forest Roads	3i) Stable road structures	OSLRMP-Water, WSFMP	Environmental maintenance in Meighan Creek Watershed	N/A	2007-08: \$10,000 2008-09: \$50,000	Yes #4778018	Information & Notification
3	Resource Inventories-Terrain Stability Mapping	3j) Identify unstable and potentially unstable terrain features (3j from 2007-08)	OSLRMP-Water	Level C mapping in unmapped drainages. Complete Need Area in Tolko Operating area	No	\$1,000,000, 5 years	N/A	Information & Notification

3	Monitoring Values for SFM - Water Quality/Quantity Monitoring	3k) Water (3k from 2007-08)	OSLRMP - Water	Continued Channel monitoring within of the Mission Creek Community Watershed. Channel monitoring will also occur in other watersheds within the ISA.	No	\$20,000	N/A	Information & Notification
3	Monitoring Values for SFM - Water Quality/Quantity Monitoring	3l) Water (3l from 2007-08)	OSLRMP - Water	Snowline measurements, weather station interpretation and the continuation of long-term water monitoring projects in community watersheds.	Yes	\$8,000	N/A	Information & Notification
<b>Objective</b>	<b>Eligible Activities</b>	<b>Issue</b>	<b>Supporting Key Documents (Strategy and Section)</b>	<b>Anticipated Benefits</b>	<b>For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A</b>	<b>For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete</b>	<b>For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A</b>	<b>Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation</b>
3	Monitoring Values for SFM - Water Quality/Quantity Monitoring	3m) Water (3m from 2007-08)	TSR3 Determination	CF indicated there may be some uncertainty to account for enhanced riparian reserves (S4 and S5 streams), but accepted risk as low.	No	\$20,000	N/A	Information & Notification
3	Monitoring Values for SFM - Water Quality/Quantity Monitoring	3n) Water (3n from 2007-08)	OSLRMP - Water	Community Watersheds - Investigate improvements to modelling community watershed management	No	\$40,000	N/A	Information & Notification
3	Monitoring Values for SFM -Water Quality/Quantity Monitoring	3o) Water (3p from 2007-08)	OSLRMP - Water	Hydrological Impact of MPB killed pine stands and/or increase in watershed assessment	N/A	Past: \$70,000 Future: \$50,000	N/A	Information & Notification

3	Monitoring Values for SFM -Water Quality/Quantity Monitoring	3p) Water (3q from 2007-08)	OSLRMP - Water	Groundwater mapping support for DFO project in Duteau Creek	N/A	Past: \$0 Future: \$75,000	N/A	Information & Notification
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Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
4	Forest health monitoring	4a) Forest Health Plan (4a from 2007-08)	IFPA 5 Dec 05 P37	Concerned that non-recoverable losses are under-estimated.	Yes	\$200,000 in 2008	N/A	Information & Notification
4	Forest health monitoring	4b) Forest Health Plan (4b from 2007-08)	SFMP 5.0	Work cooperatively with OSFD on forest health issues, specifically MPB. Harvest profile to reflect forest health needs. IFPA to report total harvest of MPB / non-MPB stands	No	\$3,000 annually	N/A	Information & Notification
4	Forest health monitoring	4c) Forest Health Plan (4d from 2007-08)	SFMP 5.0	Rehabilitation options for MPB effected (killed) riparian reserves and buffers	N/A	\$100,000	N/A	Information & Notification
4	Vegetation Resource Inventory Phase 1	4d) Timber emphasis inventory (4e from 2007-08)	SFMP 5.0	Identification of shifts in ecological and successional changes of the forest over time, and update cadastral information on the landbase	Yes	08/09 \$ 500,000	N/A	Information & Notification
4	Vegetation Resource Inventory Phase 1	4e) Timber emphasis inventory (4e from 2007-08)	SFMP 5.0	Problems with Fraser Protocol need to be reconciled so that an existing standard can be used. Recognized the need for VRI phase 1 re-inventory to be completed.	No	08/09 \$ 500,000	N/A	Information & Notification

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4	Vegetation Resource Inventory Phase 2	4f) Timber emphasis inventory (4g from 2007-08)	TSR3 P37	Study implications of MPB infestation in relation to the VRI phase 2 inventory adjustment, report to be submitted by December 1, 2006.	No	09/10 \$280,000	N/A	Information & Notification
4	Vegetation Resource Inventory	4g) Operational Adjustment Factors (4h from 2007-08)	SFMP 5.0	The Society will continue this analysis for forest cover types with leading species of Cw, Hw, SB and Fd in preparation for TSR 3. Study OAF issue for all stands, if changes to OAF adjustments are to be recognized	No	08/09 \$ 60,000	N/A	Information & Notification
5	Training and Extension	5a) Public Involvement (5a from 2007-08)	SFMP 2.0	The Society will host an annual extension workshop to share the learning and progress on the implementation of activities in the Okanagan	No	\$3000 Annually	N/A	Information & Notification
5	Training and Extension	5b) Public Involvement (5b from 2007-08)		MPB signage/ information Kiosks	N/A	\$15,000	N/A	Information & Notification
5	Resource Inventories - BEC Mapping	5c) BEC mapping (5c from 2007-08)	SFMP 10.0	The data will be presented in map, text and graphic formats an in web based format for operational users.	Yes	2007/08: \$40,000 2008/09: \$50,000	#4633008 (07-08) #4776009 (08-09)	Information & Notification

Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
5	Archaeological Overview Assessments	5d) AOA Studies (5d from 2007-08)	TSR3 P.37	Recognized that cultural heritage resources to be excluded from THLB (Mt. Ida, plus arch sites, plus TU areas). Identified a 14,000 m3 downward pressure. Cultural studies - the OIFS and FN together 1) complete gap analysis of FN cultural studies, inventory work to fill gaps; 2) Assist FN build technical capacity in the management of forest resources; 3) Ensure FDPs address cultural heritage resources; 4) Identify / develop long term training opportunities for FN; 5) Undertake trail inventory; 6)Undertake an archaeological inventory study on Mt. Ida 7) Catalogue FN interests and adjust forestry plan	N/A	Past: \$0 Future: unknown	N/A	Information & Notification
5	Infrastructure - Recreation trail maintenance and establishment	5e) Recreation opportunities (5g from 2007-08)	OSLRMP - Recreation	Maintenance and establishment of trails for non timber users	Yes	\$10,000	N/A	Share information with locations on maps
5	Infrastructure - Recreation trail maintenance and establishment	5f) Recreation opportunities	OSLRMP - Recreation	Fencing project to keep mud-boggers out of reservoir at Firk Lake	N/A	\$25,000	New project	Information & Notification

Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
6	Strategic Resource Planning- SFM Plan Indicators and Facilitation of the Public Advisory Group (PAG) Process	6a) SFMP – Public Advisory Group process requires facilitation to complete 2008 iteration of SFMP. New CSA indicators need to be incorporated (6a from 2007-08)	SFMP Appendix 4, page 116	2007 PAG process is completed and new CSA indicators are incorporated into SFMP.	N/A	Past: \$30,000 Future: \$30,000	N/A	Information & Notification
6	Strategic Resource Planning- Land Base Investment Rationale(LBIR)	6b) Complete 2009-2010 LBIR (6b from 2007-08)	SFMP Appendix 4 page 116	Provide direction consistent with overall goals.	N/A	2007-08: \$8,000 2008-09: \$9,000	N/A	Information and Notification
6	Data Management	6c) Information Management (6d from 2007-08)	FP3.5	Development of a centralized data warehouse which can be maintained by members of the Society.	No	Annually \$5,000	N/A	Information & Notification
6	Strategic Resource Planning	6d) Sustainable Forest Management Planning (6e from 2007-08)	SFMP	Development of objectives or indicators for a management unit or subset of a management unit – SFM PAG or Indicator Development	Yes	+/- \$8,000/ year for the next 5 years	N/A	In conjunction with both Weyerhaeuser and Tolko
6	Shared Exchange/Land and Resource Data Warehouse	6e) RESULTS (6f from 2007-08)	SA5.0	Data conversion for digital transfer to central data warehouse including the finalization of work to implement MOFR mandated RESULTS.	Yes	08/09 \$10,000	N/A	Information & Notification

Objective	Eligible Activities	Issue	Supporting Key Documents (Strategy and Section)	Anticipated Benefits	For Projects that span multiple years: Was work done in the last fiscal year? Yes, No, N/A	For Projects that span multiple years: If continuing, provide summary of expenditures to-date and estimated future costs and time to complete	For Projects that span multiple years: Has information sharing / consultation taken place? Yes (include FIRS project #), No, N/A	Information sharing/Consultation Requirement. Indicate level as directed by District (may be informed by an existing consultation matrix )e.g., N/A, inform/notification, consultation, deep consultation
6	Strategic Resource Planning- forest education	6f) Forest education	SFMP	Public education of forestry issues in the Okanagan TSA.	N/A	Future: \$80,000	N/A	Information & Notification
6	Strategic Resource Planning-Invasive plant identification and treatment	6g) SOSIEPs Strategic plan for invasive plants – identify and treatment	SFMP	Identify invasive plant locations within the Okanagan TSA and examine treatment options for eradication.	N/A	Future: \$20,000	N/A	Information & Notification