

APPENDIX VIII – Five Year Plan and Project Descriptions

The proposed 5 year plan for financial expenditures are included.

The proposed project description of the Okanagan IFPA Forestry Plan are as follows:

- Land Base Investment Rationale - LBIR
- Predictive Ecosystem Mapping – Accuracy Assessment
- Site Index Biological Ecological Classification - SIBEC
- Aerial Photos for Vegetation Resources Inventory Phase 1
- Caribou Habitat Monitoring
- Mule Deer Habitat Monitoring
- Marten Habitat Monitoring
- Data Management System
- Timber Supply Analysis
- Vegetation Resources Inventory Phase 1
- Vegetation Resources Inventory Phase 2 Assessment of MPB impact on VRI Phase 2 adjustment
- Vegetation Resources Inventory Phase 2
- Trail Rehabilitation retrospective
- Riparian classification to address Fish
- Water Quality monitoring
- Growth & Yield
- Silviculture Type 2 Strategy
- Backlog Silviculture surveys
- Backlog Silviculture Treatments
- Impeded Stands Surveys
- Impeded Stands Surveys

Detail on a number of these projects is enclosed below.

Table 11 Okanagan IFPA Five-year Plan Summary

Project	Project Expenditures (x 000's)						
	Previous 2005/06	Current 2006/07	Projected 2007/08	Projected 2008/09	Projected 2009/10	Projected 2010/11	5 Year Totals 2007-2012
<u>SOCIETY</u>							
Management	\$60	\$60	\$60	\$60	\$60	\$60	\$300
Forestry Plan	\$30	\$15	\$15	\$15	\$15	\$30	\$ 90
Sub-total	\$90	\$75	\$75	\$75	\$75	\$90	\$390
<u>INVENTORY</u>							
LBIR	\$3	\$5	\$5	\$5	\$5	\$5	\$25
For. Health Plan	-	-	-	-	-	-	-
PEM	\$200	\$92	\$50	-	-	-	\$142
SIBEC	-	50	50	50	50	50	\$250
BEC	-	-	-	-	-	-	-
IT – Photos	\$10	\$1,100	\$300	-	-	-	\$1,400
WWH Caribou	\$75	\$75	\$75	\$50	\$50	\$50	\$300
WWH Deer	\$30	\$60	\$60	\$60	\$60	\$60	\$300
WWH Marten	\$98	\$60	\$60	\$60	\$60	\$60	\$300
Data Mgt Sys.	\$7	\$10	\$10	\$10	\$10	\$10	\$50
Timber Supply Analysis	\$90	-	-	-	\$100	-	\$100
VRI	\$1,218	\$400	\$700	\$700	\$100	\$100	\$2,000
ESA/OAF/RTL	-	\$30	-	-	-	-	\$30
TSM	-	-	-	-	-	-	-
FISH	\$100	\$100	\$50	\$50	\$50	\$50	\$300
WQT	-	\$60	\$60	\$60	\$60	\$60	\$300
G & Y	-	\$50	\$50	\$50	\$50	\$50	\$250
Sub-total	\$1,542	\$2,092	\$1,470	\$1,095	\$595	\$495	\$5,747
<u>SILVICULTURE</u>							
Silvis Type2	-	-	-	-	-	-	-
GI Seed	-	-	-	-	-	-	-
Backlog Surveys	\$100	\$100	\$100	\$100	\$100	\$100	\$500
Silvic Treatments	\$50	\$50	\$100	\$100	\$100	\$100	\$450
FH Treatments	-	-	-	-	-	-	-
Impeded Stands	\$100	\$100	\$100	\$50	\$50	\$50	\$350
Sub-total	\$250	\$250	\$300	\$300	\$300	\$300	\$1,450
TOTAL	\$1,882	\$2,417	\$1,845	\$1,470	\$970	\$885	\$7,587

Template 4: Activities to Implement SSFM Strategies for Plan 2007/08

SSFM Issue: 1.1		Title: Land Base Investment Rationale		Activity #: 1.11			
Description of the Activity: The Land Base Investment Rationale provides the							
Status:		“New” OR Years in Progress?: Year 6 of 10		Priority Comments?: #1 for the Okanagan TSA Licensees & BCTS			
Location: Okanagan TSA				Management Unit: Okanagan TSA			
Potential Lead Proponent: Okanagan Innovative Forestry Society							
Objectives: The LBIR provides review and planning of Land Based Investments							
LBIR Project Tasks, Deliverables, Targets & Milestones: Annual Land Base Investment Rationale Annual Land Base Investment Rationale Annual Land Base Investment Rationale Annual Land Base Investment Rationale Annual Land Base Investment Rationale						Target Dates: March 31, 2007 March 31, 2008 March 31, 2009 March 31, 2010 March 31, 2011	
Benefits & Ranking Criteria: TSR 10/10 LRMP 10/10 NTR 10/10 RIC 5/5 Timing 5/5 = TOTAL 40							
Benefits & ranking Criteria: Mandatory planning tool for Forest Investment Account Fundig. Non-Timber resource Strategies: Yes LRMP: Yes Other: Yes.							
Rational for Ranking: Mandatory planning tool for FIA investments in the Okanagan TSA.							
Partnerships: Ministry of Forests, Okanagan TSA BCTS , Ministry of Environment , Bell Pole Canada Inc., Gorman Bros. Lumber Ltd., Federated Co-operatives Limited, Louisiana-Pacific Canada Ltd., Selkirk Timber Company, Tolko Industries Ltd., Weyerhaeuser Company Ltd., Okanagan Innovative Forestry Society IFPA.							
Comments:							
Previous Investment		Recommended Investments					
Previous 2005/06	Activity Item	Current 2006/07	Projected 2007/08	Projected 2008/09	Projected 20059/10	Projected 2010/11	5 Year Totals
\$5,000	Costs (\$)	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000
Ha	Units (Ha)	Ha	Ha	Ha	ha	Ha	Ha
1,040,000	Goals	1,040,000	1,040,000	1,040,000	1,040,000	1,040,000	1,040,000

Template 4: Activities to Implement SSFM Strategies for Plan 2007/08

SSFM Issue: 1.1		Title: PEM Predictive Ecosystem Map			Activity #: 1.12		
Description of the Activity: A Predictive Ecosystem Mapping project is proposed to provide the basis for a Site Index Assignment in the Okanagan TSA. A PEM supplemented with a future Vegetation Resource Inventory will provide the tools for eventual modelling for both Timber and Non Timber Resource Values in the TSA.							
Status:		“New” OR Years in Progress?: Year 7 of 7		Priority Comments?: #1 for the Okanagan TSA Licensees & BCTS			
Location: Okanagan TSA					Management Unit: Okanagan TSA		
Potential Lead Proponent: Okanagan Innovative Forestry Society							
Objectives: The intent of a PEM for the Okanagan TSA is to provide an ecosystem-based justification for a Site Index Assignment. PEM will also support modelling for Non Timber Resources once supplemented with a Vegetation Resource Inventory in the intent of meeting the strategies of the OSLRMP.							
PEM Project Tasks, Deliverables, Targets & Milestones: Accuracy Assessment Okanagan Wet Belt Analysis Accuracy Assessment Okanagan Wet Belt additional field transects Accuracy Assessment Okanagan Wet Belt						Target Dates: March 31, 2007 October 30, 2007 December 30, 2007	
Benefits & Ranking Criteria: TSR 7/10 LRMP 10/10 NTR 10/10 RIC 5/5 Timing 5/5 = TOTAL 37							
Benefits & ranking Criteria: Timber Supply Review: Bioterrain mapping – PEM and SIBEC assignment will be used to provide accurate estimates of growing potential (Site Index) for TSR Non-Timber resource Strategies: PEM will provide the basic tools for ecosystem based planning for non timber resources and provide tools for non timber resource modelling. LRMP: PEM provides the basic spatial distribution of ecosystems in the Okanagan TSA. Other: PEM provides a basic land management tool for both Timber and NTRS planning.							
Rational for Ranking: As a beneficial tool for ecosystem land based planning for TSR, LRMP and NTRS.							
Partnerships: Ministry of Forests, Okanagan TSA BCTS , Ministry of Environment , Bell Pole Canada Inc., Gorman Bros. Lumber Ltd., Federated Co-operatives Limited, Louisiana-Pacific Canada Ltd., Selkirk Timber Company, Tolko Industries Ltd., Weyerhaeuser Company Ltd., Okanagan Innovative Forestry Society IFPA.							
Comments: PEM provides the basic tools to provide strategic Site Index Assignment input to supplement Veg. Inventory Phase 1 for TSR and prioritize future investments.							
Previous Investment		Recommended Investments					
Previous 2005/06	Activity Item	Current 2006/07	Projected 2007/08	Projected 2008/09	Projected 2009/10	Projected 2010/11	5 Year Totals
\$200,000	Costs (\$)	\$92,000	\$50,000	\$0,000	\$0,000	\$0,000	\$142,000
Ha	Units (Ha)	Ha	Ha	Ha	Ha	Ha	Ha
764,000	Goals	764,000	764,000	0	0	0	764,000

Template 4: Activities to Implement SSFM Strategies for Plan 2007/08

SSFM Issue: 1.1		Title: SIBEC			Activity #: 1.13		
Description of the Activity: The estimated of Growth and Yield of the forests remains uncertain. Site Index estimates tied to BEC site Series will provide additional assurantaty of the Growth and Yeild estimate of the forest.SIBEC is a critical data input for eventual modelling for both Timber and Non Timber Resource Values in the TSA.							
Status:		“New” OR Years in Progress?: Year 7 of 10		Priority Comments?: #8 for the Okanagan TSA Licensees & BCTS			
Location: Okanagan TSA					Management Unit: Okanagan TSA		
Potential Lead Proponent: Okanagan Innovative Forestry Society							
Objectives: SIBEC field plots will provide							
SIBEC Project Tasks, Deliverables, Targets & Milestones: SIBEC Field Plots SIBEC Field Plots SIBEC Field Plots SIBEC Field Plots SIBEC Field Plots						Target Dates: March 31, 2007 March 31, 2008 March 31, 2009 March 31, 2010 March 31, 2011	
Benefits & Ranking Criteria: March 31, 2007 TSR 7/10 LRMP 10/10 NTR 10/10 RIC 5/5 Timing 5/5 = TOTAL 37							
Benefits & ranking Criteria: Timber Supply Review: SIBEC assignment will be used to provide accurate estimatesof growing potential (Site Index) for TSR Non-Timber resource Strategies: SIBEC will provide the basic tools for forest growth planning for non timber resources and provide tools for non timber resource modelling. LRMP: Growth and YIELD estimates are key for modeling the forest ecosystems in the Okanagan TSA. Other: SIBEC is a critical management tool for both Timber and NTRS planning.							
Rational for Ranking: As a beneficial tool for ecosystemmadelling for TSR, LRMP and NTRS.							
Partnerships: Ministry of Forests, Okanagan TSA BCTS , Ministry of Environment , Bell Pole Canada Inc., Gorman Bros. Lumber Ltd., Federated Co-operatives Limited, Louisiana-Pacific Canada Ltd., Selkirk Timber Company, Tolko Industries Ltd., Weyerhaeuser Company Ltd., Okanagan Innovative Forestry Society IFPA.							
Comments: SIBEC provides the basic tools to provide strategic Site Index Assignment input to supplement Veg. Inventory Phase 1 for TSR and prioritize future investments.							
Previous Investment		Recommended Investments					
Previous 2005/06	Activity Item	Current 2006/07	Projected 2007/08	Projected 2008/09	Projected 20059/10	Projected 2010/11	5 Year Totals
\$0,000	Costs (\$)	\$50,000	\$50,000	\$0,000	\$50,000	\$50,000	\$142,000
Ha	Units (Ha)	Ha	Ha	Ha	Ha	Ha	Ha
0	Goals	764,000	500,000	500,000	500,000	500,000	2,260,000

Template 4: Activities to Implement SSFM Strategies for Plan 2007/2008

SSFM Issue: #1.1		Title: IT – Photos			Activity #: 1.14		
Description of the Activity: Photo acquisition of 1:20,000 soft copy is required to undertake a Vegetation Resource Inventory Mapping project. A VRI supplemented with an approved PEM will also provide the tools for eventual modeling for both Timber Supply Review and Non Timber Resource Values in the TSA.							
Status:		“New” OR Years in Progress?: Year 1 of 2		Priority Comments?: #3 for the Okanagan TSA Licensees & BCTS			
Location: Okanagan TSA					Management Unit: Okanagan TSA		
Potential Lead Proponent: Okanagan Innovative Forestry Society							
Objectives: Photos are a prerequisite to VRI, the intent of a VRI for the Okanagan TSA is to provide basic inventory information to manage the resource. The VRI and PEM will also support modelling for Non Timber Resources with the intent of meeting the strategies of the OSLRMP.							
PEM Project Tasks, Deliverables, Targets & Milestones: Air Photos 1:20,000 DIAPs & ORTHOs for TSA						Target Dates: March 31, 2008 June 30, 2008	
<i>Photo AT and DIAPS and orthos</i>							
Benefits & Ranking Criteria: TSR 10/10 LRMP 10/10 NTR 9/10 RIC 5/5 Timing 5/5 = TOTAL 39							
Benefits & Ranking Criteria: Timber Supply review: Softcopy photos are an essential tool to pursue VRI. Non-Timber resource Strategies: Photos are a basic tool for evaluation of site specific non timber resources. LRMP: Photos provide an essential tool for the monitoring of landbase activities subject to the LRMP. Other: Delivery of orthophotos and stereo DIAPs for either Okanagan Shuswap District is planned pending on the successful delivery of photos in 2007.							
Rational for Ranking: An essential tool for all land management activities.							
Partnerships: Ministry of Forests, Okanagan TSA BCTS, Ministry of Environment, Bell Pole Canada Inc., Gorman Bros. Lumber Ltd., Federated Co-operatives Limited, Louisiana-Pacific Canada Ltd., Selkirk Timber Company, Tolko Industries Ltd., Weyerhaeuser Company Ltd., Okanagan Innovative Forestry Society IFPA.							
Comments: Photos provide the basic tool to provide strategic PEM, VRI Phase 1 for Timber Supply Review.							
Previous Investment		Recommended Investments					
Previous 2005/06	Activity Item	Current 2006/07	Projected 2007/08	Projected 2008/09	Projected 2009/10	Projected 2010/11	5 Year Totals
\$0,000	Costs (\$\$)	\$8,000	\$750,000	\$600,000	\$0,000	\$0,000	\$1,360,000
Ha	Units	Ha	Ha	ha	ha	Ha	Ha
0	Goals	1,600,000					1,600,000

Template 4: Activities to Implement SSFM Strategies for Plan 2007/2008

SSFM Issue: #1.1		Title: WWH Caribou			Activity #: 1.15		
Description of the Activity: Monitoring Habitat Selection, Movements, and Population Characteristics of Mountain Caribou in Salmon Arm District.							
Status:		“New” OR Years in Progress?: Year 5 of 7		Priority Comments?: High priority for OK LRMP			
Location: Okanagan TSA				Management Unit: Okanagan TSA			
Potential Lead Proponent: Okanagan Innovative Forestry Society (LP / Federated Co-operatives)							
Objectives: Map currently used seasonal distribution of caribou and potential caribou habitat. Determine movements and population size. Determine caribou mortality rates and causes. Determine seasonal habitat use patterns, particularly relative use of ICH and ESSF. Link monitoring to ongoing research in the Columbia and Clearwater study areas.							
CARIBOU Project Tasks, Deliverables, Targets & Milestones:						Target Dates:	
Continuation of LRMP Caribou RMZ area study						March 31 st , 2008	
Continuation of LRMP Caribou RMZ area study						March 31 st , 2009	
Continuation of LRMP Caribou RMZ area study						March 31 st , 2010	
Continuation of LRMP Caribou RMZ area study						March 31 st , 2011	
Benefits & Ranking Criteria: TSR 7/10 LRMP 10/10 NTR 9/10 RIC 3/5 Timing 5/5 = TOTAL 34							
Benefits & Ranking Criteria: Timber Supply review: Stratification of Caribou habitat areas and management regimes have a distinct input to the TSR. Non-Timber resource Strategies: Interactions of forestry practices within caribou ranges have a significant impact on both resources. LRMP: Operational research into Caribou habitat and land use patterns was identified as a high priority in the LRMP. Other:							
Rational for Ranking: An identified priority in the Okanagan Shuwap LRMP.							
Partnerships: Ministry of Forests, Okanagan TSA BCTS , Ministry of Environment , Bell Pole Canada Inc., Gorman Bros. Lumber Ltd., Federated Co-operatives Limited, Louisiana-Pacific Canada Ltd., Selkirk Timber Company, Tolko Industries Ltd., Weyerhaeuser Company Ltd., Okanagan Innovative Forestry Society IFPA.							
Comments:							
Previous Investment		Recommended Investments					
Previous 2005/06	Activity Item	Current 2006/07	Projected 2007/08	Projected 2008/09	Projected 2009/10	Projected 2010/11	5 Year Totals
\$75,000	Costs (\$\$)	\$75,000	\$75,000	\$50,000	\$50,000	\$50,000	\$300,000
Report	Units	Report	Report	Report	Report	Report	Ha
1	Goals	1	1	1	1	1	1

Template 4: Activities to Implement SSFM Strategies for Plan 2007/2008

SSFM Issue: #1.1		Title: WWH Deer			Activity #: 1.16		
Description of the Activity: Evaluation of relationships between deer forage and cover.							
Status:		“New” OR Years in Progress?: Year 6 of 7		Priority Comments?: High priority for OK LRMP			
Location: Okanagan TSA				Management Unit: Okanagan TSA			
Potential Lead Proponent: Okanagan Innovative Forestry Society (with Gormans, BCTS, Tolko)							
Objectives: To evaluate forestry management practice effects on forage and cover in moderate and shallow deer winter ranges.							
DEER Project Tasks, Deliverables, Targets & Milestones: Continuation of TSA wide deer forage and cover study						Target Dates: March 31 st , 2008	
Benefits & Ranking Criteria: TSR 7/10 LRMP 10/10 NTR 7/10 RIC 3/5 Timing 4/5 = TOTAL 31							
Benefits & Ranking Criteria: Timber Supply review: Stratification of Deer winter ranges and management regimes have a distinct input to the TSR. Non-Timber resource Strategies: Interactions of forestry practices within deer winter ranges have a significant impact on both resources. A study of forage and cover is being conducted to mitigate impacts on both resources. LRMP: Operational research into deer winter ranges was identified as a priority in the LRMP. Other:							
Rational for Ranking: An identified priority in the Okanagan Shuwap LRMP.							
Partnerships: Ministry of Forests, Okanagan TSA BCTS , Ministry of Environment , Bell Pole Canada Inc., Gorman Bros. Lumber Ltd., Federated Co-operatives Limited, Louisiana-Pacific Canada Ltd., Selkirk Timber Company, Tolko Industries Ltd., Weyerhaeuser Company Ltd., Okanagan Innovative Forestry Society IFPA.							
Comments:							
Previous Investment		Recommended Investments					
Previous 2005/06	Activity Item	Current 2006/07	Projected 2007/08	Projected 2008/09	Projected 2009/10	Projected 2010/11	5 Year Totals
\$78,000	Costs (\$\$)	\$30,000	\$30,000	\$0,000	\$0,000	\$0,000	\$60,000
Report	Units	Report	Report	Report	Report	Report	Report
1	Goals	1	1				2

Template 4: Activities to Implement SSFM Strategies for Plan 2007/2008

SSFM Issue: #1.1		Title: WWH Marten			Activity #: 1.17		
Description of the Activity: Evaluation of timber harvesting practices which may enhance marten habitat.							
Status:		“New” OR Years in Progress?: Year 7 of 10		Priority Comments?: High priority for OK LRMP			
Location: Okanagan TSA				Management Unit: Okanagan TSA			
Potential Lead Proponent: Okanagan Innovative Forestry Society, Gormans, Federated Co-op, Tolko							
Objectives: To evaluate forestry management practices which may reduce the impact of timber harvesting on marten habitat and populations.							
DEER Project Tasks, Deliverables, Targets & Milestones: Continuation of TSA wide marten study Continuation of TSA wide marten study Continuation of TSA wide marten study Continuation of TSA wide marten study						Target Dates: March 31st, 2008 March 31st, 2009 March 31st, 2010 March 31st, 2011	
Benefits & Ranking Criteria: TSR 7/10 LRMP 10/10 NTR 7/10 RIC 3/5 Timing 4/5 = TOTAL 31							
Benefits & Ranking Criteria: Timber Supply review: Maintaining “old growth” attributes for marten habitat has a restrictive impact on the TSR. Non-Timber resource Strategies: Current forestry practices have been identified as a possible cause of declining marten harvest in some landscape units. A study of practices from other jurisdictions, which may reduce that impact, has been completed, and it is now desirable to determine if such strategies can be effective here. LRMP: Operational research into marten habitat attributes was identified as a priority in the LRMP. Other:							
Rational for Ranking: An identified priority in the Okanagan Shuwap LRMP.							
Partnerships: Ministry of Forests, Okanagan TSA BCTS, Ministry of Environment, Bell Pole Canada Inc., Gorman Bros. Lumber Ltd., Federated Co-operatives Limited, Louisiana-Pacific Canada Ltd., Selkirk Timber Company, Tolko Industries Ltd., Weyerhaeuser Company Ltd., Okanagan Innovative Forestry Society IFPA.							
Comments:							
Previous Investment		Recommended Investments					
Previous 2005/06	Activity Item	Current 2006/07	Projected 2007/08	Projected 2008/09	Projected 2009/10	Projected 2010/11	5 Year Totals
\$15 000	Costs (\$\$)	\$90 000	\$60 000	\$60,000	\$60,000	\$60,000	\$330 000
Report	Units	Report	Report	Report	Report	Report	Report
1	Goals	1	1				2

Template 4: Activities to Implement SSFM Strategies for Plan 2007/2008

SSFM Issue: TSR		Title: IT – GIS and Data Mgt System			Activity #: 1.18		
Description of the Activity: The use of Information Technology GIS tools in TSA wide standardized digital format is required for spatial assessment of strategic landscape unit plans. A study of existing standards being employed in various spatial analysis projects is required to establish a standardized information layer throughout the TSA analysis. Includes the licencing fees for a data management and reporting system.							
Status:		“New” OR Years in Progress?: New 2007 / 2008		Priority Comments?: High for the Okanagan TSA Licensees & BCTS			
Location: Okanagan TSA					Management Unit: O		
Potential Lead Proponent: Okanagan Innovative Forestry Society							
Objectives: The intent of Information Technology in the GIS environment is to provide standardized TSA wide GIS data for use in TSA analysis for Timber Supply Review purposes.							
GIS Tasks, Deliverables, Targets & Milestones:						Target Dates:	
Standards for GIS themes and layers for TCP planning & LU Planning						March 31, 2008	
Standards for GIS themes and layers for TCP planning & LU Planning						March 31, 2009	
Standards for GIS themes and layers for TCP planning & LU Planning						March 31, 2010	
Standards for GIS themes and layers for TCP planning & LU Planning						March 31, 2011	
Benefits & Ranking Criteria: TSR 10/10 LRMP 10/10 NTR 8/10 RIC 5/5 Timing 5/5 = TOTAL 38							
Benefits & ranking Criteria: Timber Supply Review: Essential collation of multi layers of data requires a set of standards to provide seamless data sets for timber supply analysis. Non-timber resource Strategies: Essential collation of multitude of projects within any one of data layer requires a set of standards to provide seamless data sets for non timber resource analysis. LRMP: Analysis of LRMP issue driven Deer winter Ranges, Caribou and Marten, sensitive terrain, etc. Other: The standardized merging of existing RIC standard inventories are required for assessment of analysis of TSA wide issue based inventories.							
Rational for Ranking: As essential need for data management for all inventories and plans.							
Partnerships: Ministry of Forests, Okanagan TSA BCTS , Ministry of Environment , Bell Pole Canada Inc., Gorman Bros. Lumber Ltd., Federated Co-operatives Limited, Louisiana-Pacific Canada Ltd., Selkirk Timber Company, Tolko Industries Ltd., Weyerhaeuser Company Ltd., Okanagan Innovative Forestry Society IFPA.							
Comments: IT-GIS provides the basic tools to strategic analysis for Timber Supply Review.							
Previous Investment		Recommended Investments					
Previous 2005/06	Activity Item	Current 2006/07	Projected 2007/08	Projected 2008/09	Projected 2009/10	Projected 2010/11	5 Year Totals
\$0,000	Costs (\$\$)	\$0,000	\$40,000	\$40,000	\$40,000	\$40,000	\$160,000
0	Units	Md	Md	Md	Md	Md	Md
0	Goals	80	80	80	80	80	400

Template 4: Activities to Implement SSFM Strategies for Plan 2007/2008

SSFM Issue: #1.1		Title: VRI			Activity #: 1.19		
<p>Description of the Activity: Completion of a Phase 1 Vegetation Resources Inventory for the Okanagan TSA. Air photography is being proposed for 2007. Delineation, sampling, classification, photo interpretation and mapping to follow over the three years (2007-2009) Updating of the TSA database to follow (MOF) for use in strategic and operational planning processes. Existing forest cover information dates back to the late 1960's and an inventory of the timber resources is in need of updating.</p>							
Status:		"New" OR Years in Progress?: Year 4 of 8		Priority Comments?: All Licensees & SBFEP consider this high priority for Okanagan TSA			
Location: Okanagan TSA				Management Unit: Okanagan TSA			
Potential Lead Proponent: Okanagan Innovative Forestry Society							
Objectives: To provide reliable vegetation inventories to existing standards by replacing existing forest cover inventories. Previous updated inventories were last completed in 1979.							
PEM Project Tasks, Deliverables, Targets & Milestones:						Target Dates:	
Complete Air Photography for the TSA. Softcopy images						2007	
Initial Planning and complete 1/3 of TSA and remaining Softcopy						2008	
Complete remaining 1/3 of TSA each year.						2009	
Phase 2 adjustment						2010	
Benefits & Ranking Criteria: TSR = 10 NTRS = 10 NTR = 10 RIC = 5 Timing 5 = TOTAL 40							
<p>Benefits & Ranking Criteria: Timber Supply review: Provide further certainty around the AAC determination. LRMP: Most of the assumptions and recommendations from the LRMP are reliant on an accurate estimate of the vegetation resources. A revised inventory could affect OGMAs, biodiversity, LUPs, base case scenarios, LRUPs, other resource options. Non-Timber resource Strategies: Reliable information on the quantity, location and extent of the forest and vegetation resources is an essential component of NTRS. Strategic and operational planning for these other resources requires VRI. Other: RIC standards are well established for this project.</p>							
Rational for Ranking: An essential need for all other inventories and plans							
Partnerships: Ministry of Forests, Okanagan TSA BCTS , Ministry of Environment , Bell Pole Canada Inc., Gorman Bros. Lumber Ltd., Federated Co-operatives Limited, Louisiana-Pacific Canada Ltd., Selkirk Timber Company, Tolko Industries Ltd., Weyerhaeuser Company Ltd., Okanagan Innovative Forestry Society IFPA.							
Comments: Completion of the Okanagan VRI will be used in other TSA projects							
<i>Previous Investment</i>		<i>Recommended Investments</i>					
Previous 2005/06	Activity Item	Current 2006/07	Projected 2007/08	Projected 2008/09	Projected 2009/10	Projected 2010/11	5 Year Totals
\$200,000	Costs (\$\$)	\$1,100	\$350	\$750,000	\$750,000	\$250	\$3.2 MM
	Units	Ha	Ha	Ha	Ha	Ha	Ha
TSA	Goals	500,000	270,000	400,000	400,000	200,000	1,800,000

Template 4: Activities to Implement SSFM Strategies for Plan 2007/2008

SSFM Issue: #		Title: Trail Rehabilitation assessment				Activity #: 1.20	
Description of the Activity: Evaluate and analyze the Roads Lands and Trails netdowns for the Okanagan TSA building upon the spatial data used in the Okanagan LRMP, TSR3 and evaluation of potential harvest levels utilizing spatial analysis.							
Status:		“New” OR Years in Progress?: NEW		Priority Comments?: All Licensees & BCTS consider this high priority for Okanagan TSA			
Location: Okanagan TSA				Management Unit: Okanagan TSA			
Potential Lead Proponent: Okanagan Innovative Forestry Society							
Objectives: To provide an assessment of current reduction to landbase to account for Roads, trails and landings.							
PEM Project Tasks, Deliverables, Targets & Milestones: Data Prep Project Objectives and Options Determine the area of trails not rehabilitated versus those that are and determine the extent of trails that remain non productive 2. Develop a strategy for non rehabilitated trails; Final Analysis and report						Target Dates: May 2008 May 2008 Jul 2008 Feb 2009	
Benefits & Ranking Criteria: TSR = 8 NTRS = 5 NTR = 7 RIC = 1 Timing 5 = TOTAL 26							
Benefits & Ranking Criteria: Timber Supply review: Identifies key RTLs netdowns for future Timber Supply of the Okanagan TSA. LRMP: Allows for forest estate modeling of LRMP strategies into the timber supply Review process. Non-Timber resource Strategies: The Silviculture Type 2 strategy provides significant analysis of the impacts of management practices in non timber resource zones. Other:							
Rational for Ranking: In the Base Case Analysis netdowns, there is an assumed reduction of 2.0% for future trails. There is currently a legislated requirement to rehabilitate all trails in community watersheds and this will be extended to all trails throughout the TSA in the near future. Therefore, the actual amount of trails that are and will be not contributing to the harvestable forest base in the TSA warrants confirmation. As well, as described in the original proposal, the IFPA will investigate the potential to rehabilitate trails and/or optimize them, where appropriate.							
Partnerships: Ministry of Forests, Okanagan TSA BCTS , Ministry of Environment , Bell Pole Canada Inc., Gorman Bros. Lumber Ltd., Federated Co-operatives Limited, Louisiana-Pacific Canada Ltd., Selkirk Timber Company, Tolko Industries Ltd., Weyerhaeuser Company Ltd., Okanagan Innovative Forestry Society IFPA.							
Comments: Completion of the RTL assessment will be available prior to the TSR4.							
<i>Previous Investment</i>		<i>Recommended Investments</i>					
Previous 2005/06	Activity Item	Current 2006/07	Projected 2007/08	Projected 2008/09	Projected 2009/10	Projected 2010/11	5 Year Totals
\$000	Costs (\$\$)	\$0	\$0	\$30,000	\$0	\$0	\$30,000
Report	Units	Report	Report	Report	Report	Report	Report
1	Goals	0	0	1	0	0	1

Template 4: Activities to Implement SSFM Strategies for Plan 2007/2008

SSFM Issue: #		Title: Silviculture Type 2 Strategy				Activity #: 1.21	
Description of the Activity: Evaluate and analyze Silviculture Type II strategy for the Okanagan TSA building upon the spatial data used in the Okanagan LRMP, TSR2 and evaluation of potential harvest levels utilizing spatial analysis.							
Status:		“New” OR Years in Progress?: NEW		Priority Comments?: All Licensees & BCTS consider this high priority for Okanagan TSA			
Location: Okanagan TSA				Management Unit: Okanagan TSA			
Potential Lead Proponent: Okanagan Innovative Forestry Society							
Objectives: To provide an assessment for future silviculture programs based on input from the Silviculture Type 1 strategy , TSR and professional input tested for using forest estate modelling spatial analysis to forecast future conditions.							
PEM Project Tasks, Deliverables, Targets & Milestones: Data Prep Project Objectives and Options Preliminary Analysis Final Analysis and report						Target Dates: May 2007 May 2007 Oct 2007 Feb 2008	
Benefits & Ranking Criteria: TSR = 10 NTRS = 5 NTR = 7 RIC = 1 Timing 5 = TOTAL 28							
Benefits & Ranking Criteria: Timber Supply review: Identifies key silviculture implementation strategies which will significantly affect the future Timber Supply of the Okanagan TSA. LRMP: Allows for forest estate modeling of LRMP strategies into the timber supply Review process. Non-Timber resource Strategies: The Silviculture Type 2 strategy provides significant analysis of the impacts of management practices in non timber resource zones. Other:							
Rational for Ranking: The silviculture type 2 strategy provides the strategic direction for future landbase silviculture activities.							
Partnerships: Ministry of Forests, Okanagan TSA BCTS , Ministry of Environment , Bell Pole Canada Inc., Gorman Bros. Lumber Ltd., Federated Co-operatives Limited, Louisiana-Pacific Canada Ltd., Selkirk Timber Company, Tolko Industries Ltd., Weyerhaeuser Company Ltd., Okanagan Innovative Forestry Society IFPA.							
Comments: Completion of the Silviculture Type 2 strategy will be integrated into a Sustainable Forest Management Plan.							
<i>Previous Investment</i>		<i>Recommended Investments</i>					
Previous 2005/06	Activity Item	Current 2006/07	Projected 2007/08	Projected 2008/09	Projected 2009/10	Projected 2010/11	5 Year Totals
\$000	Costs (\$\$)	\$0	\$90,000	\$0	\$0	\$0	\$90,000
Report	Units	Report	Report	Report	Report	Report	Report
1	Goals	0	1	0	0	0	1

NOTE: The silviculture 2 strategy has been scheduled to be completed by the Ministry of forests funded by Forests For Tomorrow program

Template 4: Activities to Implement SSFM Strategies for Plan 2007/2008

SSFM Issue: #		Title: Backlog Silviculture Surveys				Activity #: 1.22	
Description of the Activity:							
Status:		“New” OR Years in Progress?: 2 of 7		Priority Comments?: All Licensees & BCTS consider this high priority for Okanagan TSA			
Location: Okanagan TSA				Management Unit: Okanagan TSA			
Potential Lead Proponent: Okanagan Innovative Forestry Society							
Objectives: To assess and survey the Regeneration status for backlog silviculture stands							
PEM Project Tasks, Deliverables, Targets & Milestones: Surveys and analysis Surveys and analysis Surveys and analysis Surveys and analysis Surveys and analysis						Target Dates: March 2007 March 2008 March 2009 March 2010 March 2011	
Benefits & Ranking Criteria: TSR = 10 NTRS = 8 NTR = 7 RIC = 1 Timing 5 = TOTAL 33							
Benefits & Ranking Criteria: Timber Supply review: Surveys can be used as a monitoring process to confirm the effective use of Silviculture dollars and impacts reforestation activities analysed the future Timber Supply of the Okanagan TSA. LRMP: Allows for forest estate modeling of LRMP strategies into the timber supply Review process. Non-Timber resource Strategies: The status for regenerated stands will be used during the analysis of the impacts of management practices in non timber resource zones. Other:							
Rational for Ranking: The silviculture surveys are required to confirm stand status prior to Free to Grow declarations.							
Partnerships: Ministry of Forests, Okanagan TSA BCTS , Ministry of Environment , Bell Pole Canada Inc., Gorman Bros. Lumber Ltd., Federated Co-operatives Limited, Louisiana-Pacific Canada Ltd., Selkirk Timber Company, Tolko Industries Ltd., Weyerhaeuser Company Ltd., Okanagan Innovative Forestry Society IFPA.							
Comments: Continuance of a silviculture program to address Backlog silviculture will be integrated into a Sustainable Forest Management Plan.							
<i>Previous Investment</i>		<i>Recommended Investments</i>					
Previous 2005/06	Activity Item	Current 2006/07	Projected 2007/08	Projected 2008/09	Projected 2009/10	Projected 2010/11	5 Year Totals
\$100,000	Costs (\$\$)	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Hectares	Units	Hectares	Hectares	Hectares	Hectares	Hectares	Hectares
4000	Goals	4,000	4,000	4,000	4,000	4,000	20,000

Template 4: Activities to Implement SSFM Strategies for Plan 2007/2008

SSFM Issue: #		Title: Backlog Silviculture Treatments				Activity #: 1.23	
Description of the Activity:							
Status:		“New” OR Years in Progress?: 2 of 7		Priority Comments?: All Licensees & BCTS consider this high priority for Okanagan TSA			
Location: Okanagan TSA				Management Unit: Okanagan TSA			
Potential Lead Proponent: Okanagan Innovative Forestry Society							
Objectives: To treat and survey the backlog Regeration to assure FTG.							
PEM Project Tasks, Deliverables, Targets & Milestones: Brushing treatments Brushing treatments Brushing treatments Brushing treatments Brushing treatments						Target Dates: March 2007 March 2008 March 2009 March 2010 March 2011	
Benefits & Ranking Criteria: TSR = 10 NTRS = 8 NTR = 7 RIC = 3 Timing = 5 TOTAL = 33							
Benefits & Ranking Criteria: Timber Supply review: Brushing Treatments and FTG Surveys will help to esure the replacement of a healthy and productive forest. LRMP: A healthy managed forest is key to ecosystem management. Non-Timber resource Strategies: The status for healthy regenerated stands will be used during the analysis of the impacts of management practices in non timber resource zones. Other:							
Rational for Ranking: The silviculture surveys post treatments are required to confirm stand status prior to Free to Grow declarations.							
Partnerships: Ministry of Forests, Okanagan TSA BCTS , Ministry of Environment , Bell Pole Canada Inc., Gorman Bros. Lumber Ltd., Federated Co-operatives Limited, Louisiana-Pacific Canada Ltd., Selkirk Timber Company, Tolko Industries Ltd., Weyerhaeuser Company Ltd., Okanagan Innovative Forestry Society IFPA.							
Comments: Continuance of a silviculture program to address Backlog silviculture will be integrated into a Sustainable Forest Management Plan.							
<i>Previous Investment</i>		<i>Recommended Investments</i>					
Previous 2005/06	Activity Item	Current 2006/07	Projected 2007/08	Projected 2008/09	Projected 2009/10	Projected 2010/11	5 Year Totals
\$100,000	Costs (\$\$)	\$50,000	\$100,000	\$100,000	\$100,000	\$100,000	\$450,000
Hectares	Units	Hectares	Hectares	Hectares	Hectares	Hectares	
4000	Goals	2,000	4,000	4,0000	4,000	4,0000	18,000

Template 4: Activities to Implement SSFM Strategies for Plan 2007/2008

SSFM Issue: #		Title: Impeded Stands				Activity #: 1.24	
Description of the Activity:							
Status:		“New” OR Years in Progress?: 2 of 7		Priority Comments?: All Licensees & BCTS consider this high priority for Okanagan TSA			
Location: Okanagan TSA				Management Unit: Okanagan TSA			
Potential Lead Proponent: Okanagan Innovative Forestry Society							
Objectives: To assess, survey and treat stands to assure FTG.							
PEM Project Tasks, Deliverables, Targets & Milestones: Assessment of Impeded stands, surveys & brushing treatments Assessment of Impeded stands, surveys & Brushing treatments Assessment of Impeded stands, surveys & Brushing treatments Assessment of Impeded stands, surveys & Brushing treatments Assessment of Impeded stands, surveys & Brushing treatments						Target Dates: March 2007 March 2008 March 2009 March 2010 March 2011	
Benefits & Ranking Criteria: TSR = 10 NTRS = 8 NTR = 7 RIC = 3 Timing = 5 TOTAL = 33							
Benefits & Ranking Criteria: Timber Supply review: Assessment and Brushing Treatments and FTG Surveys will help to ensure the replacement of a healthy and productive forest. LRMP: A healthy managed forest is key to ecosystem management. Non-Timber resource Strategies: The status for healthy regenerated stands will be used during the analysis of the impacts of management practices in non timber resource zones. Other:							
Rational for Ranking: The silviculture surveys post treatments are required to confirm stand status prior to Free to Grow declarations.							
Partnerships: Ministry of Forests, Okanagan TSA BCTS, Ministry of Environment, Bell Pole Canada Inc., Gorman Bros. Lumber Ltd., Federated Co-operatives Limited, Louisiana-Pacific Canada Ltd., Selkirk Timber Company, Tolko Industries Ltd., Weyerhaeuser Company Ltd., Okanagan Innovative Forestry Society IFPA.							
Comments: Continuance of a silviculture program to address Backlog silviculture will be integrated into a Sustainable Forest Management Plan.							
<i>Previous Investment</i>		<i>Recommended Investments</i>					
Previous 2005/06	Activity Item	Current 2006/07	Projected 2007/08	Projected 2008/09	Projected 2009/10	Projected 2010/11	5 Year Totals
\$100,000	Costs (\$\$)	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Hectares	Units	Hectares	Hectares	Hectares	Hectares	Hectares	
4000	Goals	1,000	1,000	1,000	1,000	1,000	5,000

