



Forests for **Tomorrow**

Annual Report 2006/07

Helping to ensure sustainable forests and forest benefits for future generations



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Forward

PricewaterhouseCoopers LLP was engaged in October, 2007 by the Forests Practices Branch of the Ministry of Forests and Range to assist in the production of the Forest for Tomorrow program Annual Report for fiscal 2006/07. The information contained in this report is based on the compilation of data provided by the Ministry of Forests and Range combined with reasoned interpretations of this data related to the local operating environment for the Forests for Tomorrow program in British Columbia. The analysis and compilation activity undertaken does not constitute an audit and consequently PricewaterhouseCoopers LLP does not express an opinion on this report.

Acknowledgements

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1. Program Overview

In response to the recent catastrophic Mountain Pine Beetle (MPB) infestations and the 2003/2004 wildfires, the provincial government created the Forests for Tomorrow (FFT) reforestation program. A budget was allocated for 2004/05 to 2008/09 (see budget profile in Figure 1, in section 6). The FFT program involves the planning and establishment of young forests on non-satisfactorily reforested lands under provincial responsibility, with an overall objective of improving the long-term timber supply in the province. Anticipated to be a long term program, FFT has an annual budget that is projected to increase to \$53.6 million by 2010/11, and to continue at that level for another twenty years or longer to deal with the MPB-impacted areas where timber salvage is not possible.

The FFT is in keeping with the mandates and strategies of the Provincial Government, the Ministry of Forests and Range (MFR), as well as the Ministry of Environment. These mandates and strategies involve undertaking stewardship measures to maintain and restore productivity in a manner that reduces the risk of future timber losses and maintains biodiversity and other non-timber values.

The FFT program also directly supports British Columbia's Mountain Pine Beetle Action Plan 2005-2010, as well as the provisions of the First Nations and Ministry of Forests and Range Mountain Pine Beetle Commitments, by providing an opportunity for First Nations businesses and employees to build capacity. As the reforestation program grows over time, capacity and expertise will be required to meet the replanting needs resulting from the MPB epidemic.

2. Highlights of the Year

The second full year of operation for the FFT program resulted in the successful implementation of a delivery framework focused on aggressive reforestation of wildfires and the enhancement of the long term timber supply of MPB attacked areas. The Forests for Tomorrow program and the staff involved achieved excellent progress on achieving the objectives set out in the Annual Work Plan.

This fiscal the six key objectives developed during 2005/06 were condensed down to three categories. These objectives were established to guide the achievement of the FFT goal of addressing the increasing not-sufficiently restocked forests, outside industry obligations, while initially focusing on areas affected by large fires and MPB. The progress made on the achievement of each objective is summarized in the following section.

- Objective 1:** Accelerate the recovery of the timber supply, and biodiversity and other non-timber forest values, in forest management units affected by catastrophic mountain pine beetle infestations and recent large fires, through strategically planned reforestation and restoration activities. The ways in which this will be done are to:
- Revise silviculture strategies in impacted management units, and survey, assess, and plan the high-priority silviculture work not legally required of licensees;



- **Update information that supports accurate timber supply forecasts and silviculture planning, reporting, and decision-making; and**
- **Build a sound scientific and technical foundation by incorporating research, effectiveness evaluation, monitoring, and timber supply analysis into the program decision-making framework and treatments.**

The first two years of the program focused on reforestation of wildfire areas. Significant progress was made on this front and large project areas have been identified for reforestation and treatment plans developed. The program is now switching its focus towards the reforestation of lodgepole pine stands impacted by the mountain pine beetle (MPB).

In 2006/07 surveys on over 24,000 hectares (ha) of MPB killed stands, 8,000 ha of wildfire killed stands and reconnaissance on 37,500 ha of immature MPB impacted Lodgepole pine stands were conducted (Appendix G). The resultant of these efforts has been the ordering of over four million seedlings for future planting (Appendix A). One hundred and forty seven hectares of backlog areas were surveyed to assess if stands were free growing or required treatments. This information contributes to forecasting accurate timber supplies in the MPB and wildfire affected management units.

Silviculture strategies (Appendix C) were completed for management units where current information was required to guide future silviculture investments. The majority of the Type 1 silviculture strategies were conducted in the 2005/06 fiscal under this program, and the few outstanding Type 1 strategies are now completed. Type 2 and 3 silviculture strategies will be completed over the next few fiscal years.

Objective 2: Ensure that young stands established under Forests for Tomorrow outside licensee obligations achieve free-growing status.

This was the second year of the program and the first year of any significant planting. Subsequent Annual Reports will be providing the projected costs to free growing for established plantations under the Forests for Tomorrow program.

Objective 3: Ensure that licensees restore plantations burned by wildfire or destroyed by Dothistroma needle blight to the free-growing stage, by funding reforestation under Section 108 of the Forest and Range Practices Act.

The MoFR distributed almost \$3 million to licensees for the reforestation of areas destroyed by wildfires or Dothistroma. These areas are being aggressively reforested by the licensees to minimize the impact of wildfires on the long term timber supply.



3. Report on Performance

This annual report for the Forests for Tomorrow program provides progress on achieving planned goals, objectives, and the Key Performance Indicator (KPI) for the year from April 1, 2006 to March 31, 2007.

At the outset of fiscal 2006/07 a Program Management Plan and an Annual Work Plan which outlined the program objectives and delivery framework were developed by the Forest Practices Branch and subsequently approved by the Chief Forester, Assistant Deputy Minister of Operations, and the Assistant Deputy of Mountain Pine Beetle Response. The Forest Practices Branch established quarterly review meetings to closely monitor the progress and achievement of the objectives and tasks outlined in these plans.

In addition to FFT planning staff, and as part of the delivery hierarchy, six core topic committees oversaw the program management functions and were utilized throughout the fiscal year to ensure that projects approved for funding were directly correlated to the FFT objectives. The progress of FFT is based upon the achievement of specific tasks for each objective as identified in the Annual Work Plan.

For 2006/07, FFT had twenty-nine performance measures that were identified to support the program objectives outlined in Section 2 of this report. A detailed discussion of the task progress/results for each forest region in 2006/07 is provided in Section 3.2.

Table 1: Synopsis of 2006/07 Results

FFT Objective	FFT Task	Result
<p>1. Accelerate the recovery of the timber supply, and biodiversity and other non-timber forest values, in forest management units affected by catastrophic mountain pine beetle infestations and recent large fires, through strategically planned reforestation and restoration activities. The ways in which this will be done are to:</p> <ul style="list-style-type: none"> • Revise silviculture strategies in impacted management units, and survey, assess, and plan the high-priority silviculture work not legally required of licensees; • Update information that supports accurate timber supply forecasts and silviculture planning, reporting, and decision-making; and • Build a sound scientific and technical foundation by incorporating research, effectiveness evaluation, monitoring, and timber supply analysis into the program decision-making framework and treatments. 	Forest Practices Branch	
	1.1 Compile 2006/07 Annual Workplan and finalize allocations.	Achieved task.
	1.2 Compile 2007/08 Annual Workplan and submit to the executive committee by February 28, 2007.	Substantially achieved task.
	1.3 Complete version 2 of the FFT Program Management Plan by August 31, 2006.	Achieved task.
	1.4 Conduct a second quarter review meeting by October 31, 2006.	Achieved task.
	1.5 Complete Version 1 of FFT Strategic Plan by March 31, 2007.	Task deferred.
	1.6 Version 1 of FFT long term funding plan completed by March 31, 2007.	Substantially achieved task.
	1.7 FFT procedures Document completed by March 31, 2007.	Task achieved through alternative mechanism.
	1.8 Develop the FFT Annual Report by June 30, 2007.	Task not achieved.
	1.9 Finalize the Northern Interior Forest Region (NIFR) Type 1 Silvicultural Strategies initiated in 2005/06.	Achieved task.
	1.10 Evaluate the impact of the 2 percent rate of return criterion on other resource values not accounted for in the financial analysis.	Partially achieved task.
	1.11 Report on hare and vole population trends, risks to FFT and management recommendations, and hold a closing meeting for affected parties by March 31, 2007.	Achieved task. Achieved task.



FFT Objective	FFT Task	Result
	SIFR	
	1.12 Assess 18,500 ha of juvenile MPB attacked stands and prepare prescriptions for eligible areas.	Over - achieved task.
	1.13 Survey of 2,800 ha or recent wildfires	Over - achieved task.
	1.14 Complete two enhanced Type 2 Silviculture Strategies.	Partially achieved task.
	1.15 Tender and award three recipient agreements.	Achieved task.
	1.16 Develop a strategy to identify MPB impacted stands that have a high probability of being NSR	Partially achieved task.
	1.17 Co-manage \$5.7M of SIFR investment schedules with PwC and recipient.	Achieved task.
	1.18 Co-manage 3,000 ha of fire assessments with PwC and recipient	Over - achieved task.
	1.19 Assist with Forest Practices Branch performance measures 1.11, 1.12, 1.14, 1.15, and 1.16.	Achieved task.
	NIFR	
	1.20 Complete 37,500 ha of immature Lodgepole pine surveys.	Achieved task.
	1.21 Complete 4,700 ha of rust infected Lodgepole pine surveys.	Substantially achieved task.
	1.22 Assess small scale salvage openings totaling over 200 ha area	Achieved task.
	1.23 Develop a strategic planning guidance, Version 1.0, for FFT activities within NIFR.	Achieved task.
	Research Branch	
	1.24 Species Project: 06/07 work plan prepared. Business requirements established for the "tree species selection reference system", literature review completed, surveys, and interim additions completed.	Partially achieved task.
	1.25 Updates to the existing reference guide format completed	Achieved task.
	1.26 Final report on characterization of genetic variation of resistance in Lodgepole pine to attack by MPB.	Achieved task.
2. Ensure that young stands established under Forests for Tomorrow outside licensee obligations achieve free-growing status.	NIFR	
	2.1 Complete the installation of an under planting trial.	Achieved task.
	2.2 Fort St James NRFL reforestation work: 250 ha of brushing, 18ha of site preparation, 15 ha of planting and 5 ha of piling.	Substantially achieved task.
3. Ensure that licensees restore plantations burned by wildfire or destroyed by Dothistroma needle blight to the free-growing stage, by funding reforestation under Section 108 of the Forest and Range Practices Act.	Forest Practices Branch	
	3.1 To fund Section 108 claims for reforestation of burnt plantations with free-growing obligations.	Achieved task.



3.1 Key Performance Indicator

The Forests for Tomorrow program has developed three Internal Management Measures which support the Ministry of Forests and Range service plan performance indicator of the ratio of area reforested to the total area either harvested or impacted by fire or pests. These measures include tracking the percentage of Forests for Tomorrow project areas that are: (1) affected by fire or pests and assessed; (2) treated compared to areas planned for treatment; as well as (3) the number of hectares declared free-growing in areas eligible for program funding. In addition, Program Management Measures for Forests for Tomorrow are established to track progress on the work plan and other key strategic planning initiatives.

3.2 Program Achievement

- Objective 1:** Accelerate the recovery of the timber supply, and biodiversity and other non-timber forest values, in forest management units affected by catastrophic mountain pine beetle infestations and recent large fires, through strategically planned reforestation and restoration activities. The ways in which this will be done are to:
- Revise silviculture strategies in impacted management units, and survey, assess, and plan the high-priority silviculture work not legally required of licensees;
 - Update information that supports accurate timber supply forecasts and silviculture planning, reporting, and decision-making; and
 - Build a sound scientific and technical foundation by incorporating research, effectiveness evaluation, monitoring, and timber supply analysis into the program decision-making framework and treatments.

The tasks for Objective 1 have been reported separately because of differences in regional funding priorities for 2006/07.

Forest Practices Branch

Task 1.1: Compile 2006/07 Annual Workplan and finalize allocations.

- **Key Outcome Indicator:** *Achieved task.*
- **Result:**
The 2006/07 work plan was finalized.

Task 1.2: Compile 2007/08 Annual Workplan and submit to the FFT Strategic Planning committee by February 28, 2007.

- **Key Outcome Indicator:** *Substantially achieved task.*
- **Result:**
The 2007/08 work plan was finalized.



Task 1.3: Complete the second version of the FFT Program Management Plan

- **Key Outcome Indicator:** *Achieved task.*
- **Result:**
The 2006/07 Project Management Plan was finalized and signed off by the Chief Forester, Assistant Deputy Minister of Operations, and the Assistant Deputy of Mountain Pine Beetle Response in March 2007.

Task 1.4: Conduct a second quarter review meeting

- **Key Outcome Indicator:** *Achieved task.*
- **Result:**
A second quarter review meeting was held on November 7th and 8th, 2006 in Richmond.

Task 1.5: Complete Version 1 of FFT Strategic Plan by March 31, 2007.

- **Key Outcome Indicator:** *Task deferred.*
- **Result:**
Due to a request from Executive to prepare a business case to support the projected program ramp-up, the strategic plan was deferred until 2008/09.

Task 1.6: Complete Version 1 of the FFT long term funding plan by March 31, 2007.

- **Key Outcome Indicator:** *Substantially achieved task.*
- **Result:**
A draft version of FFT Business case was prepared showing the FFT long term funding needs.

Task 1.7: Complete the FFT procedures document by March 31, 2007.

- **Key Outcome Indicator:** *Task achieved through alternative mechanism.*
- **Result:**
A FFT procedures document was not required once the Forests for Tomorrow website was completed providing easy navigation to needed procedures and documents.

Task 1.8: Develop the FFT Annual Report by June 30, 2007.

- **Key Outcome Indicator:** *Task not achieved.*
- **Result:**
The FFT Annual Report was not completed until January 2008.



Task 1.9: Finalize the Northern Interior Forest Region (NIFR) Type 1 Silvicultural Strategies initiated in 2005/06.

- **Key Outcome Indicator:** *Achieved task.*
- **Result:**
The final reports for Silviculture Strategies initiated in 2005/06 were completed and posted on the Silviculture Strategies Website.

Task 1.10: Evaluate the impact of the two percent rate of return criterion on other resource values not accounted for in the financial analysis.

- **Key Outcome Indicator:** *Partially achieved task.*
- **Result:**
A multiple accounts project was initiated and pilots were conducted to evaluate the impacts on other resource values.

Task 1.11: Report on hare and vole population trends, risks to FFT and management recommendations, and hold a closing meeting for affected parties by March 31, 2007.

- **Key Outcome Indicator:** *Achieved task.*
- **Result:**
A report on "Small Mammal Population Monitoring and Protection of New Plantations" was developed and submitted to the Forest Practices Branch. This report was distributed to FFT operational staff and recipients.

Southern Interior Forest Region

Task 1.12: Assess 18,500 ha of juvenile MPB attacked stands and prepare prescriptions for eligible areas.

- **Key Outcome Indicator:** *Over - achieved task.*
- **Result:**
Approximately 25,000 ha of MPB attacked stands were surveyed in 2006/07 within the SIFR and NIFR.

Task 1.13: Survey 2800 ha of recent wildfires.

- **Key Outcome Indicator:** *Over - achieved task.*
- **Result:**
Approximately 8,459 ha of wildfires were surveyed.



Task 1.14: Complete two enhanced Type 2 Silviculture Strategies.

- **Key Outcome Indicator:** *Partially achieved task.*
- **Result:**
An enhanced Type 2 Silviculture Strategy was completed for the Merritt TSA and a Type 3 Strategy for the Kamloops TSA.

Task 1.15: Tender and award three recipient agreements.

- **Key Outcome Indicator:** *Achieved task.*
- **Result:**
Three Recipient Agreements were awarded through a competitive tendering process. The Recipients were Forsite Consultants Ltd for Kamloops TSA, True Blue Ventures for Arrow, Boundary and Kootenay Lake TSAs, and Arbourtech Forest Management for Cranbrook and Invermere TSAs.

Task 1.16: Develop a strategy to identify new fires and MPB impacted stands that have a high probability of being NSR.

- **Key Outcome Indicator:** *Partially achieved task.*
- **Result:**
Imagery and mapping products have been developed that provide change detection. These included annual large-scale fire mapping (to 2006) in a geo-database format and shape file format; harvest change detection mapping; modeling landbase; MPB attack mapping; Small Scale Salvage mapping.

Task 1.17: Co-manage \$5.7M of SIFR investment schedules with PwC and recipient.

- **Key Outcome Indicator:** *Achieved task.*
- **Result:**
PwC and the SIFR Regional staff worked very closely together to coordinate activities and ensure program and project objectives were being met.

Task 1.18: Co-manage 3,000 ha of fire assessments with PwC and recipients.

- **Key Outcome Indicator:** *Over – achieved task.*
- **Result:**
Approximately 8,548 ha of fire assessments were undertaken in 2006/07 by Recipients.

Task 1.19: Assist with Forest Practices Branch performance measures 1.11, 1.12, 1.14, 1.15, and 1.16.

- **Key Outcome Indicator:** *Achieved task.*
- **Result:**
Forest Practices Branch and Southern Interior Forest Region staff assisted each other throughout the year on all tasks.



Northern Interior Forest Region (NIFR)

Task 1.20: Complete 37,500 ha of immature Lodgepole pine reconnaissance surveys.

- **Key Outcome Indicator:** *Achieved task.*
- **Result:**
Selected MPB killed spaced pine stands were reviewed and recce surveyed within the Prince George and Vanderhoof Forest Districts. The results of these efforts will help determine which stands will need more detailed surveys to determine reforestation and treatment needs.

Task 1.21: Complete 4,700 ha of rust infected Lodgepole pine surveys.

- **Key Outcome Indicator:** *Substantially achieved task.*
- **Result:**
Approximately 4,472 ha of rust infected stands were surveyed in the Nadina Forest District to determine potential sites for further reforestation efforts. Difficulty securing survey contractors affected the ability to complete all of the planned survey work.

Task 1.22: Assess over 200 ha of small scale salvage openings.

- **Key Outcome Indicator:** *Achieved task*
- **Result:**
Small scale salvage openings within the Nadina Forest District were surveyed to determine potential sites for future reforestation and treatment.

Task 1.23: Develop strategic planning guidance, Version 1.0, for FFT activities within NIFR.

- **Key Outcome Indicator:** *Achieved task.*
- **Result:**
NIFR FFT staff worked with selected districts within the eligible FFT management units to help develop strategic guidance around potential treatment sites and options for the 2006/07 field season. High priorities included surveying and underplanting young pine stands (managed and unmanaged), surveying wild-fire affected areas, and file review of back-log and impeded stands.

Forest Practices Branch

Task 1.24: Develop business requirements for the “tree species selection reference system”, including a literature review and surveys.

- **Key Outcome Indicator:** *Partially achieved task*
- **Result:**
A Literature review was partly achieved, surveys were achieved, and a species compendium for reference was achieved.



Task 1.25: Updates to the existing reference guide and standards completed.

- **Key Outcome Indicator:** *Achieved task.*
- **Result:**
All of the guidelines and standards were reviewed and reformatted to include both the Land Base Investment Program and FFT program.

Task 1.26: Finalize a report on characterization of genetic variation of resistance in Lodgepole pine to attack by MPB.

- **Key Outcome Indicator:** *Achieved task.*
- **Result:**
A scientific paper was published on resistance of lodgepole pine to MPB, in the journal Tree Genetics and Genomics. It documents the first known evidence of statistically significant genetic variation of attack preferences of MPB to different pine genotypes.

Objective 2: Ensure that young stands established under Forests for Tomorrow outside licensee obligations achieve free-growing status.

Northern Interior Forest Region

Task 2.1: Complete the installation of an under planting trial.

- **Key Outcome Indicator:** *Achieved task*
- **Result:**
Three underplanting trials were established in the Vanderhoof and Prince George Forest Districts to examine the occurrence and impact of hare browse on Douglas fir, spruce and lodgepole pine seedlings.

Task 2.2: Complete: 250 ha of brushing, 18 ha of site preparation, 15 ha of planting and 5 ha of piling in Fort St. James on Non-Renewable Forest Licences.

- **Key Outcome Indicator:** *Substantially achieved task.*
- **Result:**
Field evaluation of 129.8 ha at the beginning of the field season determined that the remaining area needed to be brushed by sheep, so it was deferred until the following field season (i.e. 2007/08).



Objective 3: Ensure that licensees restore plantations burned by wildfire or destroyed by Dothistroma needle blight to the free-growing stage, by funding reforestation under Section 108 of the Forest and Range Practices Act.

Forest Practices Branch

Task 3.1: To complete Section 108 reforestation of burnt plantations with free-growing obligations.

- **Key Outcome Indicator:** *Achieved task*
- **Result:**
Almost \$3 million dollars was distributed to the licensees from MFR for the reforestation of areas destroyed by wildfires or Dothistroma. These areas are being aggressively reforested by the licensees to minimize the impact of wildfires on the long term timber supply.

3.3 First Nations Participation

First Nations participation is important to the Forests for Tomorrow program. While the 2006/07 fiscal year was mainly focused on planning, backlog review, and surveys to prioritize future on the ground works, First Nations were involved with several of the projects relating to on-the-ground silviculture activities. Looking forward, it is anticipated that opportunities for First Nations participation will grow. Forests for Tomorrow provides an opportunity for First Nations businesses and employees to build capacity and develop expertise as the reforestation program expands to meet the replanting needs resulting from the mountain pine beetle epidemic.

3.4 Fertilization Program

Fertilization is an eligible activity to address mid-term timber supply issues in target management units. Fertilization of suitable stands was conducted by the Forest Investment Account, Land Base Investment Program in 2006/07 and this will continue in 2007/08.

4. Program Analysis

The budget for FFT at the beginning of fiscal 2006/07 was \$15.7 million, but there was a freeze imposed at the beginning of the fiscal and an expected surplus take back in the fall resulting in a final budget of \$14.1 million.

For 2006/07 PricewaterhouseCoopers delivered approximately half of the overall program allocation through an existing third party administration delivery agreement with the Ministry, while the remaining 2006/07 budget was directly administered by the Forest Practices Branch. A summary of the value of program projects approved by the end of the fiscal year, by delivery agent, is found in Table 2.



Table 2: Summary of Funding for FFT, 2006/07

	Actual (\$)
Ministry of Forests & Range	\$6,632,535
Third party administration (PwC)	\$7,478,610
Total	\$14,111,145

A negative variance to the planned expenditures with the actual expenditures was recorded in fiscal 2006/07. This variance was primarily a result of delays experienced with the roll out of the new program and the missed biological window for some of the field activities that were anticipated for completion in 2006/07.

4.1 Ministry of Forests and Range Delivery

The Forest Practices Branch administered the \$6,632,535 with assistance from MoFR Regional and District staff, Ministry of Environment, and the Integrated Land Management Bureau. A detailed summary of the expenditures is presented in Appendix E.

4.2 Third-Party Administration

A total of 78 projects were approved by PwC under the FFT program with an average value of \$95,849 per project and an aggregate value of \$7.5 million. A summary of the FFT approved projects is located in Appendix F.

5. Administrative Analysis

5.1 Financial Statements

As of March 31, 2007, \$14.1 million of the Forests for Tomorrow (FFT) program funds had been expended by Ministry of Forests & Range and the third party administrator.

5.2 Performance and Financial Audits

Due diligence in program effectiveness and efficiency is supported through monitoring, audit, and evaluation. The portion of the FFT program that was delivered through PricewaterhouseCoopers includes performance and financial audits on selected projects delivered by FFT Recipients. Performance audits are targeted at the works on the ground while financial audits focus on the Recipient's accounting and administration of the FFT funds.

Planning was finalized for the 2006/07 performance audits in the fourth quarter. PricewaterhouseCoopers contacted Recipients who were to be audited under the FFT program prior to the end of the fourth quarter. This audit work was completed in April to June 2007 and audit reports were provided to the Forest Practices Branch.



6. Looking Forward

In 2007/08, the Forests for Tomorrow (FFT) program will continue to invest in the priority projects identified in 2006/07.

Fiscal years 2004/05, 2005/06, and 2006/07 focused on planning, surveying, brushing impeded areas, preparing prescriptions, and making sowing requests for the rehabilitation (through reforestation) of areas affected by wildfire and MPB. Looking forward, the program is forecasted to increase to approximately \$53.96M in 2010/11 (Figure 1) and then is envisioned to continue slightly below this level for another twenty years or longer to deal with the MPB impacted areas where timber salvage, is not possible.

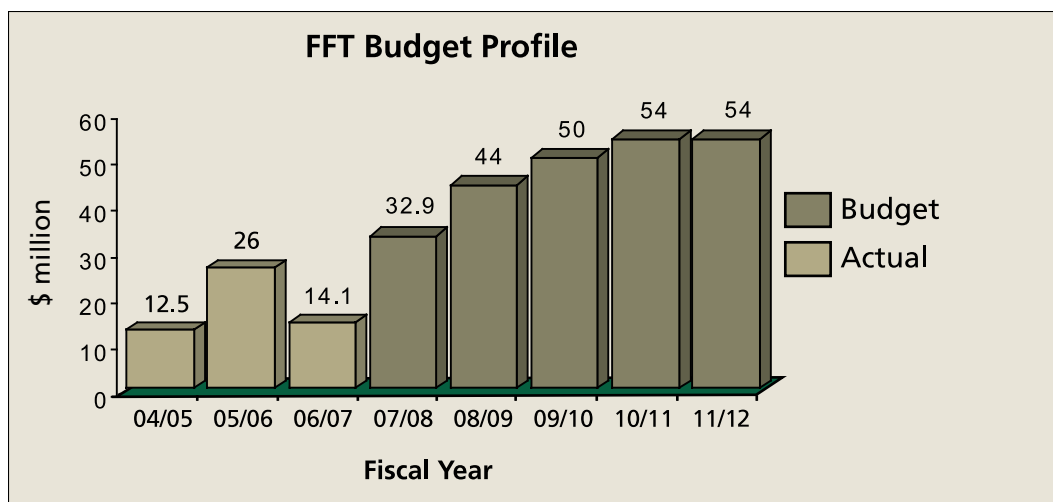


Figure 1: Budget Profile

One key program task is to deliver 90% of the program via competitively awarded Recipient Agreements after 2007, subject to logistical and capacity issues. Three Recipient Agreements were awarded in the SIFR during the fiscal year and agreements for the remaining management units will be tendered during fiscal 2007/08.

The seedling requests declined from 2005/06 (10,974,000) to approximately 4,537,500 in the 2006/07 fiscal but the expectation is for the number to increase substantially in 2007/08. The addition of the new Recipients will increase capacity to identify potential areas for reforestation.

Building upon the first two years accomplishments, the FFT program will continue to work with Recipients, PwC, and other Ministries to refine the delivery model to meet the program objectives in an efficient manner.



Appendix A – Sowing Requests in 2006/07, by Management Unit Class and Species

SPAR Seedling Request Report

Region	District	Species	Class A	Class B	Total
RNI	DND	Bl		10,000	10,000
		Fdi		130,000	130,000
		Lw	5,000		5,000
		Sx	130,000		130,000
			135,000	140,000	275,000
	DPG	Fdi		70,000	70,000
		Pli		34,000	34,000
		Sx	156,000		156,000
			156,000	104,000	260,000
Total			291,000	244,000	535,000
RSI	DCC	Fdi		720,000	720,000
		Sx	719,900		719,900
			719,900	720,000	1,439,900
	DQU	Fdi		506,700	506,700
		Pli		256,500	256,500
		Sx	968,300		968,300
			968,300	763,200	1,731,500
	DRM	Fdi		24,200	24,200
		Lw		18,800	18,800
		Pli		197,300	197,300
		Sx	133,200	457,600	590,800
			133,200	697,900	831,100
Total			1,821,400	1,940,800	4,002,500
Grand Total			2,112,400	2,184,800	4,537,500

Appendix B – Impeded and Non-Satisfactorily Restocked Areas Identified for Brushing in 2006/07, by Management Unit

Southern Interior Forest Region

Management Unit	Backlog Review (ha)	Surveyed (ha)	Treated (ha)
Kootenay Lake TSA		147	
Total		147	



Appendix C – Completed Silviculture Strategies in 2006/07, by Management Unit

Southern Interior Forest Region

Management Units	Silviculture Strategies		
	Type I	Type II	Type III
Kamloops (TSA 11)			✓
Merritt (TSA 18)		✓	✓

Appendix D – Section 108 Areas Funded in 2006/07, by Licensee

Licensee	Actual (\$)
Canadian Forest Products Ltd.	1,401,392
C&C Wood Products Ltd.	27,120
Pope & Talbot Ltd.	643,746
Louisiana-Pacific Canada Ltd	492,855
Takla Track and Timber Ltd.	108,703
Cheslatta Forest Products Ltd.	149,770
Atco Lumber Ltd.	21,803
Downie Street Sawmills	59,723
Stella-Jones Inc.	5,232
Total	\$2,910,344

Appendix E – Detailed Summary of FFT Funds Administered by the Forest Practices Branch in 2006/07

		Actual (\$)
Forest Practices Branch	Implementation	202,557
	Third Party Administration	147,040
	Seedlings	2,409,581
	University of British Columbia	207,900
	Trfs-entitlements ind and Orgs - general	219,413
	Access Standard Development	18,334
	Type 1 Silviculture Strategy	18,000
	Wildlife Tree Assessment Review	14,989
	Speakers at Vole & Hare Meeting	3,983
	Riparian Evaluation Protocol	13,700
		\$3,255,497



		Actual (\$)
Southern Interior Forest Region	Program Implementation	461,991
	Fire Rehabilitation Planning & Surveying	618,646
	Mountain Pine Beetle Surveys	412,842
	Geographic Information System Support	57,858
	Silviculture Strategies	58,565
	Planting Schedules	19,780
		\$1,629,682
Northern Interior Forest Region	Program Implementation	637,326
	Program Management	95,478
	Ft. St. James - All Nations project	82,860
	Nadina surveys of Mountain Pine Beetle Attacked Stands	88,296
	Vanderhoof - age class 2,3 surveys	81,874
	DMK - landscape planning for MPB attacked area	20,000
	Cone collection	142,713
	ROI and TIPSy contract	6,730
	RESULTS QA	4,519
	Strategies for MPB area in wet soils T/A	30,000
		\$1,189,796
Forest Analysis Branch	Program Implementation	244,211
	Mountain Pine Beetle Analysis	139,052
		\$383,263
Tree Improvement Branch	Program Implementation	9,919
	Pine Resistance to Mountain Pine Beetle	90,544
		\$100,463
Research Branch	Program Implementation	4,834
	Mountain Pine Beetle Research Strategy	55,000
		\$59,834
Information Management Group	Program Implementation	14,000
		\$14,000
Total		\$6,632,535



Appendix F – Summary of FFT-Approved Projects Administered by a Third Party in 2006/07

Activity	No.	Actual (\$)
Infrastructure – Roads		
Environmental Road Maintenance	1	3,466
Stand Establishment and Treatment - Backlog		
Brushing	1	68,645
Planting	1	52,456
Site Preparation	2	212,200
Surveys	1	6,706
Stand Establishment and Treatment – Current Fire and Pest Reforestation		
Brushing	2	85,279
Planting	16	868,241
Site Preparation	17	2,466,359
Surveys	21	804,915
Section 108 Payments	16	2,910,344
Total approved	78	\$7,478,610

Appendix G – Overall Summary of the FFT Program in 2006/07

Region	Office Review of NSR and Impeded (ha)	Field Survey of MPB Attacked Stands (ha)	Field Survey of Fires (ha)	Site Preparation (ha)	Area Brushed (ha)	Area Planted (ha)	Seedlings Ordered (ha)
SIFR		12,400	8,162.20	50.1	487	3,364	4,002,500
NIFR		12,252					535,000
Total		24,652	8,162.20	50.1	487	3,364	4,537,500







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