

6.0 Past Activities

6.1 Harvesting

The commercial and domestic harvesting history for the past four year period (2001-02 to 2004-05) for Class I and Class III landbase in District 2 is presented in Table 6.4(refer to section 2.1.4 for explanation of Class I and Class III landbase). The total combined harvest from the Class I landbase in the District during the four year period was 295,761 cubic metres solid or, on the average, 73,940 solid cubic metres per year compared to the annual allowable harvest of 75,000 solid cubic metres. The combined commercial and domestic harvest from the Class III landbase was 33,325 solid cubic metres, or an average of 8331 solid cubic metres per year.

In addition to the regular AAC harvest, supplemental volumes were harvested through the District's cull recovery, silviculture and utilization improvement programs. A combined total of 23,525 solid cubic metres were harvested through the cull program or through low-volume (disturbed) stands (not included in the calculation of the Class I or Class III AACs.) An additional volume of 9920 solid cubic metres was harvested as a result of the forest utilization program.

Table 6.4. Summary of Actual Harvest in District 02: 2001-06.

	2001-02	2002-03	2003/04	2004/05	Total
Base AAC					
Commercial	37 764*	47 995	42 077	43 335	171 171
Domestic	32 720	29 930	30 520	31 490	124 600
	70 484	77 855	72 597	74 825	295 761
AAC	75 000	75 000	75 000	75 000	300 000
Over(under) harvest	(4 516)	+2 855	(2 403)	(175)	(4 239)
Class III AAC					
Commercial	1230	2065	3740	4310	11 345
Domestic	5770	5280	5380	5550	21 980
	7000	7345	9120	9860	33 325
AAC	11 425	11 425	11 425	11 425	45 700
Over(under) harvest	(4 425)	(4 080)	(2 305)	(1 565)	(12 375)
Misc. Harvest					
- cull					
- low volume stands	3 520	10 125	4 610	5 270	23 525
GMV Deductions	2480	2610	2590	2240	9 920
9% utilization credit					

*All volumes in m³ solid

6.2 Silviculture

A summary of past silvicultural treatments for the period 2000-2005 is shown by year and treatment type in Table 6.5. A detailed listing of all treatments conducted in the District is included in Appendix 6.0.

A strong reforestation program has been maintained during the previous planning period. A total of 1626.45 hectares of forest land were planted with a complement of approximately 4 million seedlings. The planting program was preceded by 1713.4 hectares of site preparation. A balance of 391.29 hectares of scarified ground will be brought forward into the 2006-10 planning period. A stand rehabilitation program targeting low productivity stands was again successful during the 2001-06 planning period - bona-fide commercial operators cleared a total of 497 hectares of previously disturbed stands in preparation for the establishment of a new productive forest. The pre-commercial thinning program has been deferred for the foreseeable future due to the extensive presence of balsam woolly adelgid in the balsam fir component of the District's forest.

Table 6.5 Summary of District 02 Silviculture Program: 2001-06

Year	Plant (ha)	Site Preparation (ha)	Site Rehabilitation (ha)
2001-02	116.00	0.00	94
2002-03	393.5	512.34	215
2003-04	414.21	407.31	92
2004-05	461.07	402.46	76
2005-06	241.67	391.29	20
Total	1626.45	1713.40	497

6.3 Access Road Construction

Table 6.6 provides a summary of access road construction in the District during the past five years. A total of 46.5 kilometres of new access road was constructed in the District during the 2001-06 period, including 9.5 kilometres by the Department of Natural Resources and 46.5 kilometres by logging contractors. The Department of Natural Resources was responsible for the re-construction of an additional 10 kilometres of access road and the construction of one bridge. Additional detail on the past five year access road program is given in Appendix 7.0.

Table 6.6. Summary of Access Road Development in District 02: 2001-06

Developer	Class	Year (length km)					Total
		2001	2002	2003	2004	2005	
Crown	D		1.0			1.5	2.5
	D (re-con)				2.8		2.8
	C			3.0	4.0		7.0
	C (re-con)			7.2			7.2
	Bridge					x	
Sub-Total (new)			1.0	3.0	4.0	1.5	9.5
(re-con)				7.2	2.8		10.0
Contractor	D	4	7.0	12.5	8.0	5.5	37.0
Total	D	4	8.0	12.5	8.0	7.0	39.5
	D (re-con)				2.8		2.8
	C			3.0	4.0		7.0
	C (re-con)			7.2			7.2
Grand Total	New	4	8.0	15.5	12.0	7.0	46.5
	Re-Con			7.2	2.8		10.0

6.4 Wildfire Occurances

Table 6.7 provides a summary of wildfire occurrences during the previous five year period. The total of 33 wildfire reports included 9 occurrences which actually resulted in forested area being burned. The accumulative area burned in these fires was 63.4 hectares. A detailed summary of fire occurrences are included in Appendix 8.0 and a map of fire locations is provided in Appendix 9.0.

Table 6.7. Summary of Wildfire Occurances in District 02: 2001-06

Year	No. of Occurrences	No. of Occurrences With Area Burned	Amount of Area (ha) Burned
2001	5	1	18.0
2002	4	1	23.7
2003	7	1	2.0
2004	11	2	6.9
2005	6	4	12.8
Total	33	9	63.4

6.5 Insect Disturbance

There were two insect events of significant proportions impacting the production forest in District 02 during the past five years. These included an outbreak of hemlock looper, *Lampdina fiscellaria fiscellaria* (Guen.), and the continued spread of balsam woolly adelgid, *Adelges piceae*.

The hemlock looper outbreak was confined to the eastern portion of the District and the Northeastern Barrens Subregion (refer to map in Appendix 9.0). Mortality occurred on a localised basis in the balsam fir component of the forest.

Balsam woolly adelgid is prevalent throughout most of District 02. Field surveys have been conducted to help quantify the extent of the adelgid problem. Extensive field work was completed in the Ocean Pond area (refer to map in Appendix 9.0) and indicated that more than 70% of the fir in the area had moderate to severe adelgid damage. Reconnaissance field-work and anecdotal information indicate that adelgid is widespread throughout the District and poses a significant threat to the health of the fir component of the District's forest and subsequent timber yield and quality. More extensive surveys will be conducted throughout the 2006-10 planning period.

6.6 Education/Public Relations

Education and public relations activities carried out in the District during the past five years is discussed in Section 7.7.