

**SILVICULTURE PROGRAM:
STAND MANAGEMENT, REMEDIATION AND PROTECTION**

LIST OF PROJECTS COMPLETED IN 2008/09

ROUND FIFTEEN PROJECTS

PROJECT NUMBER: 431-2-R15

APPLICANT: Weyerhaeuser Company Ltd.

TYPE: Silvicultural remediation of areas depleted by spruce budworm.

FUNDING: Approved \$146,470 (\$29,900 in 2002-03; \$116,570 in 2003/04).

DESCRIPTION: This project consists of full tree chipping 160 ha of low volume budworm killed balsam fir and black spruce stands, mechanical and/or chemical site preparing the area and planting black spruce, white spruce and red pine. The area is located in the southern portion of the Wabigoon Forest, 15 km south of Dryden. Wabigoon Forest SFL.

ROUND SEVENTEEN PROJECTS

PROJECT NUMBER: 522-2-R19

APPLICANT: Kimberly-Clark Inc.

TYPE: Silvicultural remediation of areas depleted by natural causes, specifically spruce budworm.

FUNDING: Approved \$283,846 (\$86,750 in 2004/05; \$197,096 in 2005/06).

DESCRIPTION: The Skerrett Lake Salvage – Prescribed Burn and Tree Plant Project will carry out a prescribed burn in 2004 on 825 ha of forests salvage logged after damage from spruce budworm, and re-establish black and white spruce plantations in 2005. The site is 37 km SSW of Geraldton and 59 km SW of Longlac. The plantations will increase the local conifer sawlog supply and provide employment for local contractors. Kenogami Forest.

PROJECT NUMBER: 531-3-R19

APPLICANT: Ontario Ministry of Natural Resources

TYPE: Eradication and control of insect threats to the productive forests.

FUNDING: Approved \$1,150,000 (\$350,000 in 2004/05; \$400,000 in each of 2005/06 and 2006/07).

DESCRIPTION: This project consists of the detection and destruction of the Asian Longhorn Beetle and Emerald Ash Borer. Southern Ontario.

ROUND TWENTY PROJECTS

PROJECT NUMBER: 536-1-R20

APPLICANT: Bowater Canadian Forest Products

TYPE: Intensive stand management to release jack pine and black spruce plantations to increase timber production where critical shortages occur.

FUNDING: Approved \$560,000 over three years (\$200,000 in 2005/06; \$160,000 in 2006/07; \$200,000 in 2007/08).

DESCRIPTION: The Late Juvenile Spacing Project will space (using brush saws) approximately 1,400 ha of over-stocked 7 to 10 year-old jack pine stands from densities of 3,000 to 5,500 trees per ha to densities of 1,200 to 1,800 stems per ha to accelerate growth of crop trees. This will increase future conifer sawlog supplies and provide immediate opportunities for local silvicultural contractors. Black Sturgeon Forest.

PROJECT NUMBER: 545-1-R20

APPLICANT: Clergue Forest Management Inc.

TYPE: Intensive stand management to space hardwoods where critical shortages occur.
FUNDING: Approved \$866,250 over three years; (\$288,750 in 2005/06, \$288,750 in 2006/07 and \$288,750 in 2007/08).
DESCRIPTION: The Hardwood Crop Tree Release Project consists of treating 3,850 ha of low grade hardwood stands during harvesting activities so that un-merchantable low grade hardwoods are felled to release future crop trees. This will both accelerate the growth of crop trees and increase the quality of the stand. This project will contribute to the future hardwood sawlog and veneer supply. Algoma Forest.

PROJECT NUMBER: 548-1-R20

APPLICANT: North Bay District, Ontario Ministry of Natural Resources
TYPE: Intensive stand management to space conifer where critical shortages occur.
FUNDING: Approved \$800,000 (\$240,000 in 2005/06; \$280,000 in 2006/07; \$280,000 in 2007/08).
DESCRIPTION: The Manual Cleaning and Spacing Project consist of manually spacing 2,000 ha of 5 to 10 year-old jack pine down to spacing of 1,900 to 2,400 stems per ha. This Project will contribute to the future conifer supply and will provide training and 8 to 10 person-years of employment for the local First Nations silvicultural workers. Temagami Forest.

ROUND TWENTY-ONE PROJECTS

PROJECT NUMBER: 560-2-R21

APPLICANT: Bowater Canadian Forest Products Limited
TYPE: Intensive stand management to establish black spruce pine to increase timber production where critical shortages occur.
FUNDING: Approved \$1,291,950 (\$524,950 in 2005/06; \$578,400 in 2006/07 and \$188,600 in 2007/08).
DESCRIPTION: The Current River Block Plantation Development Project consists of mechanically site preparing (trencher) areas burned in the 1940's and infested by budworm (1981 to 1993), planting 1,900 black and white spruce and jack pine per ha, and tending to control competition over 3 years. This Project will increase the wood supply and provide future thinning opportunities for silvicultural contractors. Black Sturgeon Forest.

PROJECT NUMBER: 573-1-R21

APPLICANT: Domtar Inc.
TYPE: Intensive stand management to space hardwoods where critical shortages occur.
FUNDING: Approved \$202,500 (\$67,500 per year over three years 2005/06 to 2007/08).
DESCRIPTION: This Project consists of spacing yellow birch and sugar maple crop trees on 2,700 ha of forests to increase future quality sawlog and veneer supplies. This Project will provide employment for local forestry workers. Northshore Forest.

PROJECT NUMBER: 577-1-R21

APPLICANT: Bancroft Minden Forest Company
TYPE: Intensive stand management to release tolerant hardwood crop trees to increase timber production where critical shortages occur.
FUNDING: Approved \$390,000 (\$130,000 over three years from 2005/06 to 2007/08).
DESCRIPTION: Low quality hardwoods will be cut to release tolerant hardwood crop trees on 3,900 ha of forest. This will increase the percentage of future quality sawlog and veneer supplies. It will also provide 600 employment days for local silvicultural contractors. Bancroft Minden Forest.

ROUND TWENTY-TWO PROJECTS

PROJECT NUMBER: 583-2-R22

APPLICANT: Hearst Forest Management Inc.

TYPE: Silvicultural remediation of areas depleted by natural causes, specifically ice storm.
FUNDING: Approved \$154,328 (\$58,800 in 2005/06; \$85,000 in 2006/07; and \$10,528 in 2007/08).
DESCRIPTION: An ice storm that occurred in 1994 resulted in high mortality and residual damage to trees remaining on site within the affected area. Salvage operations occurred in 2004/05. Heavy competition has invaded the site and the project is aimed at returning project area back to its original productive mixedwood site. Planting of conifer will occur on 224 hectares. Tending will follow-up the renewal activities. This project will provide future candidate pre-commercial thinning sites, address critical future wood supply issues and provide employment opportunities. Hearst Forest

ROUND TWENTY-THREE PROJECTS

PROJECT NUMBER: 599-2-R23

APPLICANT: Abitibi-Consolidated Inc.
TYPE: Whiskey Jack Forest 2005 Blowdown Renewal – Planned.
FUNDING: Approved \$354,312 (\$22,506 in 2006/07; \$192,126 in 2007/08 and \$139,680 in 2008/09).
DESCRIPTION: Renewal efforts on 722 hectares of area affected by the July 2005 blowdown planned for in the 2004-2009 Whiskey Jack Forest Management Plan. Site preparation for encouraging natural renewal, preparing seed beds for aerial seeding and planting are activities that will be employed to achieve renewal. Whiskey Jack Forest.

PROJECT NUMBER: 600-2-R23

APPLICANT: Abitibi-Consolidated Inc.
TYPE: Whiskey Jack Forest 2005 Blowdown Renewal – Amendment.
FUNDING: Approved \$394,530 (\$125,265 in 2006/07; \$197,265 in 2007/08 and \$72,000 in 2008/09).
DESCRIPTION: Renewal efforts on 900 hectares of area affected by the July 2005 blowdown planned for in the 2004-2009 Whiskey Jack Forest Management Plan. Site preparation for encouraging natural renewal, preparing seed beds for aerial seeding and planting are activities that will be employed to achieve renewal. Whiskey Jack Forest.

PROJECT NUMBER: 604-6-R23

APPLICANT: Domtar Inc.
TYPE: Commercial Thinning in Limestone Lake Plantations.
FUNDING: Approved \$115,832 in 2006/07.
DESCRIPTION: This Project involves an operations trial for commercial thinning in 40 year-old intensively managed black spruce plantations located at Limestone Lake, just north of Nipigon, Ontario. Approximately 80 hectares will be thinned, using two thinning prescriptions. The project will contribute to a significant shortfall in information regarding the cost effectiveness and biological response of mid-rotation black spruce in Ontario to commercial thinning. Lake Nipigon Forest.

PROJECT NUMBER: 606-1-R23

APPLICANT: Domtar Inc. (as agent for Northshore Forest)
TYPE: Yellow birch crop tree release.
FUNDING: Approved \$144,000 divided equally over three years.
DESCRIPTION: The selection and release of yellow birch crop trees will maximize the production of yellow birch sawlogs and veneer logs. This project will treat 450 hectares over a three-year period. These dense and young tolerant hardwood stands originate from strip cuts that occurred in the 1970's. Northshore Forest.

PROJECT NUMBER: 609-1-R23

APPLICANT: Timiskaming Forest Alliance Inc.
TYPE: TFAI PCT 2006.
FUNDING: Approved \$693,000 divided equally over three years.
DESCRIPTION: Pre-commercial thinning of 1,575 hectares on predominantly pine plantations using manual thinning. The plantations range in age from 10 to 20 years and will be thinned to approximately 1,750 to 2,200 stems per hectares. This will involve spacing the crop trees between 1.5 to 2.4 metres. In addition to the planned spacing additional criteria includes branch thickness, tree form and vigor. Timiskaming Forest.

ROUND TWENTY – FOUR PROJECTS

PROJECT NUMBER: 633-1R-24

APPLICANT: Great West Timber Limited
TYPE: Intensive stand management
FUNDING: Approved \$58,000.00 (\$31,900.00 in 2007 and \$26,100.00 in 2008)
DESCRIPTION: Treating slashpile areas - There are a number of areas on the Pic River Ojibway Forest that have old slash piles occupying productive land. These slash piles are from operations prior to 1998. Crop trees have not been able to re-establish themselves in these areas that are covered with slash.

PROJECT NUMBER: 639-2-R24

APPLICANT: Tembec Industries Inc.
TYPE: Silvicultural remediation of areas depleted by natural causes, specifically wildfire
FUNDING: Approved \$27,648.00 in 2007/08
DESCRIPTION: Aerial tending - Tending 320 hectares of regenerating conifer areas (jack pine/black spruce) originally burned by Cochrane Fire -38 (Pitt Twp) in 1995. The treatment area was identified by Tembec during aerial free-growing surveys conducted in 2005.

PROJECT NUMBER: 641-5-R24

APPLICANT: Tembec Industries Inc.
TYPE: Silvicultural remediation of areas depleted by natural causes, specifically Class Z lands
FUNDING: \$100,080.00 in 2007
DESCRIPTION: Tending Class Z - The purpose of this project is to tend 1360 hectares of naturally regenerating conifer areas (black spruce) classified as Class Z Lands. This area was depleted prior to 1996 when Tembec assumed responsibility of silviculture on the unit.

PROJECT NUMBER: 642-2-R24

APPLICANT: Ministry of Natural Resources
TYPE: Silvicultural remediation of areas depleted by natural causes, specifically jack pine budworm
FUNDING: \$269,000.00 (\$96,800.00 in 2006, \$118,360.00 in 2007 \$53,840.00 in 2007)

DESCRIPTION: Insect control survey - Aerial and ground surveys show an outbreak of jack pine budworm is beginning in Northeast and Southern Regions and is underway in Northwest Region. MNR in collaboration with forest industry and in accordance with the Forest Management Planning Manual is undertaking the planning process and conduct stand-specific surveys to determine where management actions need to be undertaken.

ROUND TWENTY – FIVE PROJECTS

PROJECT NUMBER: 644-2-R25

APPLICANT: Abitibi-Consolidated Company of Canada

TYPE: Silvicultural remediation of areas depleted by natural causes, specifically blowdown

FUNDING: Approved \$229,850.00 (\$136,051.00 in 2007, \$66,904.00 in 2008 and \$26,895.00 in 2009)

DESCRIPTION: In June 2005 the Atikokan area was struck by a severe storm containing high winds and heavy rains. The forest was blown down or snapped off on 2,669 hectares. Of this naturally disturbed area 213 hectares is planned for tree planting without site preparation and aerial seeding. Chemical tending will be prescribed once the need is assessed.

PROJECT NUMBER: 651-2-R25

APPLICANT: Tembec Industries Inc., Spruce Falls Inc.

TYPE: Silvicultural remediation of areas depleted by natural causes, specifically blowdown

FUNDING: Approved \$140,000.00 in 2007

DESCRIPTION: This project will treat a large area of blowdown that occurred in 2007 in the Gordon Cosens Forest. This project consists of mechanically site preparing and tree planting the area that has been salvaged to date.

PROJECT NUMBER: 659-2-R25

APPLICANT: Algonquin Forest Authority

TYPE: Silvicultural remediation of areas depleted by natural causes, specifically blowdown

FUNDING: Approved \$27,749.00 (\$10,802.00 in 2007, \$16,947.00 in 2008)

DESCRIPTION: Mechanical site preparation and planting of nursery grown red and white pine stock on approximately 50 hectares damaged by windstorms (downbursts) that occurred in the summer of 2006.