

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

LIST OF PROJECTS ON-GOING IN 2010/11

ROUND TWENTY – FOUR PROJECTS

PROJECT NUMBER: 640-2-R24

APPLICANT: Tembec Industries Inc.
TYPE: Silvicultural remediation of areas depleted by natural causes, specifically forest tent caterpillar infestation
FUNDING: \$62,300.00 (\$23,400.00 in 2007, \$9,275.00 in 2008, \$21,225.00 in 2008 and \$8,400.00 in 2009)
DESCRIPTION: Renew intolerant hardwood stands - The purpose of his project is to renew 50.3 hectares of intolerant hardwood dominated stands decimated by repeated forest tent caterpillar infestation. The site is currently colonized by thick brush and is deemed to be barren and scattered.

ROUND TWENTY – FIVE PROJECTS

PROJECT NUMBER: 665-3-R25

APPLICANT: Ministry of Natural Resources
TYPE: Silvicultural remediation of areas depleted by natural causes, specifically pine shoot beetle infestation
FUNDING: Approved \$80,000.00 in 2007
DESCRIPTION: The objective of this program is to slow the spread of pine shoot beetle by reducing or eradicating the insect at isolated sites in central Ontario. Surveys will be done to determine infested sites and estimate the population abundance. Trap logs of Scots pine will be placed at the sites during February and March, and then destroyed once they are colonized by the beetle.

ROUND TWENTY – SIX PROJECTS

PROJECT NUMBER:685-2-R26

APPLICANT: McKenzie Forest Products Inc
TYPE: Silviculture remediation post fire
FUNDING: Approved \$187,840 (\$33,514 in 2009, 151,326 in 2010 and \$ 3,000 in 2015)
DESCRIPTION: The purpose of this project will be to regenerate acceptable levels of pine and spruce using chemical site preparation, infill planting and seeding in cutover and plantation areas, within the Fire #48 boundaries, containing very little to no conifer or hardwood regeneration due to severe post fire competition and post seeding drought conditions.

PROJECT NUMBER: 691-1-R26

APPLICANT: Westwind Forest Stewardship Inc.
TYPE: Stand improvement in tolerant hardwood selection stands.
FUNDING: Approved \$418,950(\$ 69,000 in 2009,\$ 139,650 in 2010, \$139,650 in 2011 and \$70,650 in 2012)
DESCRIPTION: This project involves felling poor quality stems within a selection management stand to achieve silvicultural objectives to promote improvements in growth and quality for future sawlog production. The silvicultural treatment of felling unmerchantable material would normally take place in conjunction with the harvest.

ROUND TWENTY – SEVEN PROJECTS

PROJECT NUMBER: -695-2-R27

APPLICANT: Timiskaming Forest Alliance Inc.
TYPE: Shallow River Renewal Project (SRRP) – Phase 1
FUNDING Approved \$709,200 (\$213,960 in 2009/10, \$354,600 in 2010/11, \$140,640 in 2011/12)
DESCRIPTION: The Shallow River Renewal Project (SRRP) – Phase 1 objective is to intensively renew 600 hectares in the northern portion of the Timiskaming Forest. These sites have failed to meet silvicultural ground rule standards following harvest and salvage operations due to damage caused by a multi-year forest tent caterpillar infestation. The sites are highly productive, calcareous lacustrine clay soils dominated by trembling aspen. In an effort to maintain our current allowable harvest, an effective renewal treatment will ensure these productive sites contribute to the existing and future forest management plan objectives of the Timiskaming Forest.

PROJECT NUMBER: 697-1-R27

APPLICANT: Nipissing Forest Resource Management Inc./ North Bay District
TYPE: Pre-commercial thinning of red pine plantations
FUNDING Approved \$454,080 (\$56,760 in 2009/10, \$198,660 in 2010/11, \$198,660 in 2011/12)
DESCRIPTION: Red pine plantations 16 to 36 years old throughout the Nipissing Forest will be pre-commercially thinned consistent with prescriptions developed using the Ontario Density Management Diagram software. First Nation contractors will conduct the work using chainsaws and will complete 1,200 ha over 2-1/2 years.

PROJECT NUMBER: 701-2-R27

APPLICANT: Abitibi Consolidated Company of Canada
TYPE: Scattergood Blowdown
FUNDING Approved \$94,158 (\$7,055 in 2009/10, \$66,016 in 2010/11, \$21,087 in 2011/12)
DESCRIPTION: In June 2007 the area near Scattergood Lake on Hwy 502 was struck by a severe storm containing high winds and heavy rains. The forest was blown down to some degree on 8,200 ha. Salvage harvesting operations were planned on 1,795 ha. Of this area 65 ha still requires tree planting (an additional 65 ha were completed in 2008), 342 ha require mechanical site preparation. Aerial seeding is planned on 399 ha (56 ha site prepared 2008 and 342 ha site prepared 2009). Chemical tending is required on all planted and seeded areas are planned for natural regeneration.

PROJECT NUMBER: 704-2-R27

APPLICANT: Dryden Forest Management Company
TYPE: Chemical and Manual Tending on previously treated Blowdown Areas
FUNDING Approved \$51,009 (\$50,483 in 2009/10, \$526 in 2010/11)
DESCRIPTION: The proposed project is located on the Dryden Forest SFL and is designed to release two to three year old plantations currently being suppressed by poplar, birch, and other competing vegetation.

PROJECT NUMBER: 705-2-R27

APPLICANT: Domtar Pulp and Paper Products Inc. and Domtar Ear Falls Sawmill
TYPE: Silviculture remediation of areas depleted by wind in the Okanse Lake area
FUNDING Approved \$160,548 (\$92,004 in 2010/11, \$68,544 in 2011/12)
DESCRIPTION: This project consists of site preparing and planting 272 hectares that are in preparation for salvage logging after the majority of the stand was killed by a wind event. Salvage of the killed stands did take place in 2008/ 09. If left for natural regeneration the site will regenerate to more hardwood than previously existed since the conifer seed source was moved to roadside through harvest. The reforestation of these sites will contribute to the future timber supply and provide employment for

silviculture contractors.

PROJECT NUMBER: 706-1-R27

APPLICANT: Domtar Pulp and Paper Products Inc./ Dryden District/ Wabigoon Forest
TYPE: Jack pine pre-commercial thinning to meet critical sawlog shortfall
FUNDING: Approved \$214,380 (\$116,640 in 2009/10, \$97,740 in 2010/11)
DESCRIPTION: This project consists of manually spacing 448 ha of young overly dense jack pine stands to increase the availability of jack pine sawlog material 30-50 years in the future. The spacing will also concentrate volume on fewer stems increasing the value of the stand at rotation. This project will also provide employment for the local community and First Nations.

PROJECT NUMBER: 707-1-R27

APPLICANT: Ottawa Valley Forest Inc.
TYPE: Ottawa Valley Stand Improvement
FUNDING: Approved \$170,000 (\$85,000 in 2009/10, \$85,000 in 2010/11)
DESCRIPTION: To facilitate harvest or felling and lopping of un-merchantable and/or currently un-marketable hardwoods and conifers to allow for the successful regeneration of white and red pine as well as improve overall stand structure within tolerant hardwood stands.

PROJECT NUMBER: 709-2-R27

APPLICANT: Bancroft Minden Forest Company Inc.
TYPE: Blowdown Rehabilitation
FUNDING: Approved \$16,200 (\$10,800 in 2009/10, \$5,400 in 2010/11)
DESCRIPTION: Restoration of pine on sites damaged by tornados of 2007.

PROJECT NUMBER: 710-1-R27

APPLICANT: Algonquin Forestry Authority (AFA), MNR District: Algonquin Park District
TYPE: Pre-commercial thinning of Lake Travers and McKaskill Lake red pine plantations.
FUNDING: Approved \$63,700 (\$16,450 in 2009/10, \$24,500 in 2010/11, \$22,750 in 2011/12)
DESCRIPTION: Pre-commercial thinning of red pine plantations, the majority being established as a result of jack pine budworm salvage operations in the 1970's. Pre-treatment plantation densities range from 1,900 to 3,000 stems per hectare, with post treatment density targets of 1,500 to 1,800 stems per hectare. These pre-commercial thinning treatments will increase plantation health, increase short term commercial thinning opportunities, and will help to address predicted future shortfalls in utility pole quality red and jack pine.

ROUND TWENTY – EIGHT PROJECTS

PROJECT NUMBER: 711-1--R28

APPLICANT: Clergue Forest Management Inc./ Boniferro Mill Works & Midway Lumber Mills Ltd.
TYPE: Tolerant Hardwood Stand Improvement on the Algoma Forest 2010-2013
FUNDING: Approved \$900,000 (\$300,000 in 2010/11; \$300,000 in 2011/12; \$300,000 in 2012/13)
DESCRIPTION: The tolerant hardwoods on the Algoma Forest have a high percentage of poor quality trees (high defect and marginal quality) defined as unacceptable growing stock (UGS) that should be removed from stands to increase growth increment on higher quality stems and to promote renewal through natural regeneration. A portion of these UGS trees are either unmerchantable or are marginally economic to harvest. Funding from the Forestry Futures Trust will support the removal of these trees from stands, promoting the performance of residual trees. This treatment is an integral part of the application of selection and shelterwood harvesting in the tolerant hardwood forest units. Forestry Futures Trust funding over the past decade for this treatment has resulted in the proper

application of selection and shelterwood harvesting on the Algoma Forest.

PROJECT NUMBER: 712-1--R28

APPLICANT: Domtar Inc.
TYPE: Pre-commercial Thinning of juvenile jack pine stands
FUNDING: Approved \$660,000 (\$220,000 in 2010/11; \$220,000 in 2011/12; \$220,000 in 2012/13)
DESCRIPTION: The Spanish Forest has a history of intensive silviculture treatments on high productivity sites. This project proposes to pre-commercial thin free-to-grow (FTG) stands which are in need of density or composition management, thus ensuring that they continue to produce the yields forecasted in the 2010 Spanish Forest Management Plan.

PROJECT NUMBER: 714-2-R28

APPLICANT: GreenForest Management Inc. (on behalf of Atikokan Forest Products Ltd.)
TYPE: Aerial tending of blowdown/ budworm salvage areas.
FUNDING: Approved \$27,400 in 2010
DESCRIPTION: To aerially tend (chemical) 198.8 hectares of blowdown and budworm damaged areas salvaged in 2007 and 2008. Damage in these areas was the result of a windstorm and subsequent budworm infestation that occurred in 2007, which, if not salvaged, presented a long-term loss of productive forest on the management unit. Atikokan Forest Products (AFP) identified and salvaged those areas that were operationally feasible. And then treated these areas to re-establish conifer regeneration and bring the area back to productive status. Intensive silviculture treatments included both mechanical site preparation (2008) and planting (2009).

PROJECT NUMBER: 715-1--R28

APPLICANT: Ottawa Valley Forest Inc.
TYPE: White & Red Pine – Backlog Tending
FUNDING: Approved \$65,000 (\$32,500 in 2010/11; \$32,500 in 2011/12)
DESCRIPTION: Request for funding assistance from the FFT to facilitate the tending of backlog white and red regeneration in pine shelterwood stands and clearcut conversion sites.

PROJECT NUMBER: 717-2-R28

APPLICANT: Tembec
TYPE: Blowdown Renewal GCF
FUNDING: Approved \$201,930 (\$68,232 in 2009/10; \$112,390 in 2010/11; \$21,308 in 2011/12)
DESCRIPTION: This project will treat 257 hectares of a large blowdown that occurred in July 2006. A salvage operation was started in August 2007 and continued through to December 2007. This project will renew the salvaged harvest area over the next three years. There will be a combination of mechanical site preparation used as well as some hand scalp planting and tending.