

**SILVICULTURE PROGRAM:
PROJECTS APPROVED FOR FUNDING IN 2009/ 2010
ROUND 27, 28, & 29 (JOB STIMULUS)**

ROUND 27

CATEGORY 1 – STAND MANAGEMENT

PROJECT NUMBER: 696-1-R27

APPLICANT: Clergue Forest Management Inc./Sault Ste. Marie District

TYPE: Intensive stand management on planted white pine stands on Algoma Forest 2009-2010.

FUNDING: Approved \$15,750 in 2009

DESCRIPTION: The purpose of this project is to manually clean a white pine plantation in order to improve the growth rate and remove unwanted competition. This project coincides with many of Clergue Forest Management's (CFMI) FMP objectives including, enhancing conifer on the Algoma Forest, enhancing white pine on the Algoma Forest and reducing herbicide usage.

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: 702-1-R27

APPLICANT: Abitibi Consolidated Company of Canada

TYPE: Crossroute spacing 2009

FUNDING: Approved \$477,857 in 2009/10

DESCRIPTION: Sixteen blocks totaling approximately 1049 ha in size located on the Crossroute Forest have been selected for pre-commercial thinning operations to accelerate growth, reduce competition and address future wood supply deficiencies.

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: 708-1-R27

APPLICANT: Bancroft Minden Forest Company Inc.

TYPE: Hardwood stand improvement

FUNDING Approved \$120,000 (\$60,000 in 2009/10, \$60,000 in 2010/11)

DESCRIPTION: Stand improvement (thinning and felling of marked trees below CFSA utilization standards) in uneven-aged and even-aged second-growth hardwood stands growing on high quality hardwood sites.

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.

CATEGORY 2 – REMEDIATION

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: 699-2-R27

APPLICANT: Abitibi Consolidated Company of Canada

TYPE: Madden Piche Lake Fire Renewal

FUNDING Approved \$274,386 (\$81,366 in 2009/10, \$193,020 in 2010/11)

DESCRIPTION: Recent surveys of fire depletion areas from 2006 on the Spruce River Forest were found that are not included in previous forestry futures renewal projects. The surveys identified 510 ha of former plantations destroyed by fire that are proposed to be planted with a combination of mechanical and chemical site preparation. A total of 480 ha of areas that had renewed naturally then burnt require seeding with chemical site preparation due to limited seed source. A further 318 ha of burnt area has renewed naturally but the success is dependent on a chemical tending treatment.

PROJECT NUMBER: 700-2-R27

APPLICANT: Bowater Canadian Forest Products Ltd.

TYPE: Black Sturgeon Fire Renewal 2009

FUNDING Approved \$65,927 in 2009

DESCRIPTION: Recent surveys of fire depletion areas from both 1999 and 2006 wildfires have found area not included in previous Forestry Futures renewal projects. This project includes the planting of 28.2 ha of 1999 fire area and the planting of 69.6 ha of a 2006 fire in the Black Sturgeon Forest.

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: 703-2-R27

APPLICANT: Abitibi Consolidated Company of Canada
TYPE: Lake Despair Jack Pine Budworm Salvage
FUNDING: Approved \$36,175 (\$28,621 in 2009/10, \$7,554 in 2010/11)
DESCRIPTION: The jack pine budworm outbreak was initially identified by the Canadian Forestry Service, when their Forest Insect Disease (FID) plot, located in what is now block 73139, was inspected in 2004. Within 1 year, the infestation had grown to 88,000 hectares. In 2006, the Ministry of Natural Resources developed and implemented an Insect Pest Management Program. A large portion of Lake Despair area was aerial sprayed with the pesticide Btk. Although the treatment was very efficient at controlling the spread of the budworm, the insect had caused significant damage to area jack pine. In the spring/ summer of 2008 block 73139 was harvested to reduce the escalating fire danger and mitigate the losses of timber quality and fiber. The entire 84 hectares is to be planted in 2009 and chemically tended in 2010 if required.

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: 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.

ROUND 28

CATEGORY 1 – STAND MANAGEMENT

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: 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.

CATEGORY 2 – REMEDIATION

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: 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.

ROUND 29 (JOB STIMULUS)

CATEGORY 1 – STAND MANAGEMENT

PROJECT NUMBER: 723-1-R29

APPLICANT: Clergue Forest Management Inc.

TYPE: Planting in Mishi and Campus Creek to increase management intensity

FUNDING: Approved \$77,000 in 2009/10

DESCRIPTION: This project entails planting black spruce in Mishi Creek (Wawa District) and jack pine in Campus Creek (Sault Ste. Marie District). These areas are currently managed with an extensive silvicultural ground rule (SGR). This project will increase the management intensity on these areas to intensive and provide a projected employment of 38.5 person weeks.

PROJECT NUMBER: 731-1-R29

APPLICANT: Hearst Forest Management Inc.

TYPE: Regeneration of a harvest area in Arnott Township

FUNDING: Approved \$634,139 in 2009/10

DESCRIPTION: This project will see the regeneration of 608 hectares in Arnott Township with 1,275,000 white and black spruce seedlings. This area was harvested in 1998 by Mammatawa, the local First Nations logging company. At the time the company was just starting operations and due to lack of experience created a level of site disturbance that hasn't allowed adequate regeneration to occur on the site. The site was initially planned to be regenerated with a CLAAG prescription. This project will provide 283 person weeks of employment.

PROJECT NUMBER: 745-1-R29

APPLICANT: Terrace Bay Pulp Inc.

TYPE: Eldee and Aubrey intensity increase tree plant

FUNDING: Approved \$239,400 in 2009/10

DESCRIPTION: This project will increase the number of seedlings required and subsequent planting requirements by approximately 143% from 1.4 million to 2.0 million seedlings. This in turn will increase the amount of employment from 252 weeks to 360 person weeks for planting of the seedlings as well as increase the number of persons weeks from 170.8 to 244 person weeks required to grow the seedlings (for an overall total of 181.2 person weeks of employment. The incremental nature of this project will increase the productivity of the site from an extensive to an intensive treatment.

PROJECT NUMBER: 746-1-R29

APPLICANT: Abitibi Consolidated Company of Canada Ltd.

TYPE: Crossroute Intensification Job Stimulus Project

FUNDING: Approved \$228,312 in 2009/10

DESCRIPTION: The project will create over 175 person weeks of employment in NW Ontario through intensification of renewal treatments that will see: seedlings grown and planted on the Crossroute Forest. The incremental nature of this project is demonstrated in the upgrade of planned renewal from seeding, which is a basic renewal treatment, to growing and planting of seedlings.

PROJECT NUMBER: 750-1-R29

APPLICANT: Bowater Canadian Forest Products Inc.

TYPE: Caribou Intensification Job Stimulus Project

FUNDING: Approved \$211,624 in 2009/10

DESCRIPTION: The project will create over 157 person weeks of employment in NW Ontario through intensification of renewal treatments that will see: seedlings grown, mechanical site preparation, and planting on the Caribou Forest. The incremental nature of this project is demonstrated in the upgrade of planned renewal from seeding, which is a basic treatment, to site preparation, growing and planting seedlings.

PROJECT NUMBER: 752-1-R29

APPLICANT: Bowater Canadian Forest Products Inc.

TYPE: Black Sturgeon Intensification Job Stimulus Project

FUNDING: Approved \$383,545 in 2009/10

DESCRIPTION: The project will create 290 person weeks of employment in NW Ontario through intensification of renewal treatments that will see: seedlings grown, mechanical site preparation, and planting on the Black Sturgeon Forest. The incremental nature of this project is demonstrated in the upgrade of planned renewal from seeding, which is a basic treatment, to site preparation, growing and planting seedlings.

PROJECT NUMBER: 755-1-R29

APPLICANT: Domtar Pulp and Paper Products Inc.

TYPE: Incremental softwood regeneration of the Trout Lake Forest

FUNDING: Approved \$250,000 in 2009/10

DESCRIPTION: The project will reforest hardwood softwood mixedwood areas harvests from 2006-2008 that were left for natural regeneration in the 2004 FMP and areas that were scheduled for aerial seeding in 2011. The project will create over 169 person weeks of employment and plan 490,000 seedlings.

PROJECT NUMBER: 764-1-R29

APPLICANT: Mazinaw-Lanark Forest Inc.

TYPE: Intensified Forest Renewal 2010

FUNDING: Approved \$148,785 in 2009/10

DESCRIPTION: Site preparation, seedling production and planting on two sites to intensify regeneration effort by replacing or supplementing original anticipated natural regeneration. Project is expected to generate directly a total of 46 person-weeks of employment opportunity, majority of which would be in tree planting.

CATEGORY 2 – REMEDIATION

PROJECT NUMBER: 718-2-R29

APPLICANT: Tembec

TYPE: Renewal of Blowdown on the GCF

FUNDING: Approved \$383,781 in 2009/10

DESCRIPTION: This project will artificially regenerate 350 hectares that were naturally depleted as a result of the 2006 blowdown event which affected in excess of 10,000 hectares within the GCF. These areas were originally to be left for natural regeneration. This project will result in 22 person weeks of employment for Tembec employees (site preparation), 33 person weeks of employment for Northern Clonal Forestry Center employees (seedling production) and 57 person weeks employment for the successful treeplant firm. In total, 112 person weeks of employment are expected to be created directly as a result of this single project.

PROJECT NUMBER: 721-2-R29

APPLICANT: Domtar Inc.

TYPE: 2010 Silviculture Job Stimulus Program (Planting of areas originally scheduled for Aerial Seeding)

FUNDING Approved \$300,000 in 2009/10

DESCRIPTION: In 2010, Domtar Inc. proposes to grow seedlings and plant approximately 400ha of area depleted in the 2009-2010 fiscal year as part of the 2010 Silviculture Job Stimulus Program recently announced by the Minister of Northern Development and Mines and Forestry. These areas would have otherwise been treated artificially in 2011 by means of aerial seeding.

PROJECT NUMBER: 724-2-R29

APPLICANT: Abitibi-Consolidated Company of Canada

TYPE: Timmins Fire #03 Kettle Lakes Burn

FUNDING Approved \$17,414 in 2009/10

DESCRIPTION: The intent of this project is to site prepare and plant a 27.8 ha burn located on Municipal Road (old Highway 67) immediately north of Kettle Lakes Provincial Park. This area is very visible to the public and accessible. This area was composed primarily of jack Pine, which is often left to regenerate naturally after fire. There is not yet much regeneration in the area, this project will speed up the regeneration process and ensure proper stocking for this site. Potentially local contractors, who hire local operators, workers and students, would be preferred to be hired to complete this project.

PROJECT NUMBER: 725-2-R29

APPLICANT: Timiskaming Forest Alliance Inc.

TYPE: Shallow River Renewal Project (SRRP) – Phase 11

FUNDING Approved \$778,586 in 2009/10

DESCRIPTION: The Shallow River Renewal Project (SRRP) - Phase II objective is to intensively renew 1,000 hectares in the northern portion of the Timiskaming Forest and to generate an additional 749 person weeks of employment above and beyond the company's current 2010 silvicultural program. These sites have failed to meet silvicultural ground rule standards following harvest and salvage operations due to natural disturbance damage caused by a multi-year forest tent caterpillar infestation. The sites are highly productive, calcareous lacustrine clay soils that were dominated by trembling aspen or rich silty loams also dominated by trembling aspen with a jack pine component.