

## **STAND MANAGEMENT AND REMEDIATION**

### **PROJECTS APPROVED FOR FUNDING IN ROUND 26**

#### **CATEGORY 1 – STAND MANAGEMENT**

**PROJECT NUMBER: 670-1-R26**

**APPLICANT:** Domtar Inc. (as agent for Northshore Forest Inc.)  
**TYPE:** Tolerant hardwood stand improvement (2009-2010)  
**FUNDING:** Approved \$27,000 in 2009/10  
**DESCRIPTION:** The objective of this project is to significantly improve the health, development and quality of tolerant hardwood stands (sugar maple & yellow birch) on the Northshore Forest. Stands are in poor health due to decades of harvesting without tree marking or stand improvement treatments. This project is designed to implement a stand improvement treatment that will ensure the removal undesirable growing stock (trees) such that stand health and quality will improve in the shortest possible time

**PROJECT NUMBER: 672-1-R26**

**APPLICANT:** Clergue Forest Management Inc./ Sault Ste. Marie District, in cooperation with Boniferro Mill Works and Midway Lumber Mills Ltd.  
**TYPE:** Tolerant hardwood stand improvement on the Algoma Forest 2008-2010  
**FUNDING:** Approved \$242,550 (\$173,250 in 2009/10, \$69,300 in 2008/09)  
**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: 690-1-R26**

**APPLICANT:** Mazinaw-Lanark Forest Inc. (sole applicant)  
**TYPE:** Mazinaw-Lanark – Intensive Silviculture  
**FUNDING:** Approved \$81,060 (\$40,530 in 2009/10, \$40,530 in 2010/11)  
**DESCRIPTION:** Intensive silvicultural treatment of hardwood and pine stands on productive sites to improve their growth, quality and structure in order to address future wood supply issues, by targeted removal of low quality, undesirable and non-merchantable trees in forest stands managed for quality products.

**PROJECT NUMBER: 691-1-R26**

**APPLICANT:** Westwind Forest Stewardship Inc.  
**TYPE:** Stand improvement in tolerant hardwood selection stand.  
**FUNDING:** Approved \$418,950 (\$139,650 in 2009/10, \$139,650 in 2010/11, \$139,650 in 2011/12)  
**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.

## **CATEGORY 2 – REMEDIATION**

### **PROJECT NUMBER: 673-2-R26**

**APPLICANT:** Nagagami Forest Management Ltd.

**TYPE:** Wawa 21 forest renewal – tending project

**FUNDING:** Approved \$105,360 in 2009/10

**DESCRIPTION:** The aerial tending of 878 hectares of established plantations which were originally funded by FFTF project #539-2-R20 between 2004-2006. Field inspections completed during the summer of 2007 and 2008 show the plantations are doing well but require tending application in 2009 in order to eliminate competing vegetation and to ensure that the plantation will not fail and require future funding for plantation establishment from FFTF. The project will comment in June of 2009 with the purchase of 5268 litres of Vision which will be applied to the planted areas in late August and early September of 2009.

### **PROJECT NUMBER: 675-2-R26**

**APPLICANT:** Vermilion Forest Management/ Sudbury District

**TYPE:** Renewal of salvaged areas on the Sudbury Forest

**FUNDING:** Approved \$176,510 (\$135,586 in 2009/10, \$14,640 in 2010/11, \$26,284 in 2011/12)

**DESCRIPTION:** The project involves renewal in areas that have been salvaged for two different reasons: 1) 2006 pine blowdown and 2) spruce budworm damage salvage on the Sudbury Forest. Eight project areas totaling 522 ha are blowdown salvage, two projects areas totaling 204 ha are budworm salvage. The renewal sequence is already well underway on many of these sites using the regular Forest Renewal Trust Fund. This project would see further progress towards the completion of the renewal sequence of these 726 ha of salvaged areas.

### **PROJECT NUMBER: 678-2-R26**

**APPLICANT:** Domtar Pulp and Paper Products Inc.

**TYPE:** Silviculture remediation of areas depleted by wind in the Ford and Beak Lake area.

**FUNDING:** Approved \$113,416 in 2009/10

**DESCRIPTION:** This project consists of site preparing and planting 279.4 hectares that were salvage logged after the majority of the stand was killed by a wind event. Salvage of the killed stands took 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: 679-2-R26**

**APPLICANT:** Domtar Pulp and Paper Products Inc.  
**TYPE:** Remediation of salvaged stands in the Anaway Lake area  
**FUNDING:** Approved \$36,581 in 2009/10  
**DESCRIPTION:** This project consists of site preparing and planting 90.1 hectares that were salvage logged after the majority of the stand was killed by drought and insects including jack pine budworm. Salvage of the killed stands took place in 2007/08. 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: 685-2-R26**

**APPLICANT:** McKenzie Forest Products Inc., Sioux Lookout District, Lac Seul Forest  
**TYPE:** Burma Lake infill project – Sioux Lookout Fire SL#48  
**FUNDING:** Approved \$44,680 (\$21,500 in 2009/10, \$21,920 in 2010/11, \$1,260 in 2015/16)  
**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: 686-2-R26**

**APPLICANT:** Buchanan Forest Products Ltd., on behalf of Terrace Bay Pulp Inc.  
**TYPE:** Ragged south burn treeplant  
**FUNDING:** Approved \$79,152 (\$67,706 in 2009/10, \$11,446 in 2010/11)  
**DESCRIPTION:** This project consists of purchasing and planting white spruce and black spruce seedlings on 525.1 hectares of area destroyed by a forest fire. This nutrient rich site is within 37 kilometers miles of a plywood and sawmill, and 80 kilometers of a pulp mill; therefore the reestablishment of a viable productive site will potentially serve 3 fiber users.

**PROJECT NUMBER: 687-2-R26**

**APPLICANT:** Long Lake Forest Products Inc.  
**TYPE:** Ogoki wildfire site preparation and tree plant  
**FUNDING:** Approved \$45,469 (\$9,664 in 2009/10, \$27,984 in 2010/11, \$7,821 in 2011/12)  
**DESCRIPTION:** This project includes the stock purchase and planting of jack pine, white spruce and black spruce on 476.9 hectares of area destroyed by a forest fire in 2005. This nutrient rich site is within 86 kilometers miles of a local sawmill, within 130 km from a waferboard/plywood and sawmill, and 250 kilometers of a pulp mill; therefore the re-establishment of a viable productive site will potentially serve 3 fiber users.

**PROJECT NUMBER: 688-2-R26**

**APPLICANT:** Greenmantle Forest Inc./ Lakehead Forest/ Thunder Bay District  
**TYPE:** Lakehead Forest Thunder Bay 37 wildfire renewal  
**FUNDING:** Approved \$1,028,870 (\$854,341 in 2009/10, \$173,755 in 2010/11)  
**DESCRIPTION:** This project involves the tree planting and tending of a wildfire burned area in the west end of the Lakehead Forest.

**PROJECT NUMBER: 692-2-R26**

**APPLICANT:** Westwind Forest Stewardship Inc.

**TYPE:** Remediation of white pine wind-blown damaged areas

**FUNDING:** Approved \$83,040 (\$39,840 in 2009/10, \$43,200 in 2010/11)

**DESCRIPTION:** This project would allow for the remediation of productive white/red pine stands after a serious 2006 wind event. The majority of mature pine was uprooted so remediation work is required to maintain these areas as white/red pine stands. The project provide for chemical site preparation and planting of severely damaged areas.

**PROJECT NUMBER: 693-2-R26**

**APPLICANT:** Algonquin Forestry Authority (AFA), MNR District: Algonquin Park District

**TYPE:** Artificial Regeneration of 2006 Blowdown in Algonquin Park.

**FUNDING:** Approved \$184,865 (\$81,767 in 2009/10, \$103,098 in 2010/11)

**DESCRIPTION:** Mechanical site preparation and planting of nursery grown red and white pine, and white spruce stock on approximately 548 hectares (ha) damaged by windstorms (blowdown) that occurred in the summer of 2006. This project is a follow up to forestry futures project number 659-2-R25, which resulted in the planting of 59 ha of wind-damaged area. As noted and anticipated in the original project application, thorough filed reconnaissance work in 2007 and 2008 has resulted in the identification of the additional area covered in this proposal.

**PROJECT NUMBER: 694-2-R26**

**APPLICANT:** Algonquin Forestry Authority (AFA), MNR District: Algonquin Park District

**TYPE:** Manual tending of 1999 and 2006 blow-down areas in Algonquin Park

**FUNDING:** Approved \$52,362 (\$21,756 in 2009/10, \$30,606 in 2010/11)

**DESCRIPTION:** Manual tending to enhance the survival and growth of desirable regeneration in previously wind-damaged (blowdown) areas. This project will protect previous silvicultural investments in 1999 blowdown areas planted as part of Forestry Futures projects 347-1-R10, 369-2-R11, and 388-2-R12, and will avoid the need to undertake more costly artificial regeneration treatments in 2006 blowdown areas stocked with natural regeneration. This project will also enhance opportunities for earlier commercial harvests and increase long-term potential for high value products, while creating employment opportunities for First Nations contractors.