

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

LIST OF PROJECTS APPROVED IN 2014/15

ROUND 39	
Category 1- Stand Management	
Project Number: 880-1-R39	
<i>Applicant:</i>	Westwind Forest Stewardship Inc.
<i>Forest:</i>	French Severn
<i>Funding:</i>	\$568,955
<i>Description:</i>	A three year stand improvement project involving the felling of unmerchantable trees in order to meet silvicultural objectives of providing light, spacing and quality improvement to both overstory and understory trees. The main target species to benefit are those that provide for the production of quality sawlog material. Specifically, this treatment will benefit tolerant hardwoods (primarily sugar maple, yellow birch, red oak, black cherry) and Great Lakes St. Lawrence conifers (primarily white pine, red pine, hemlock).
Project Number: 881-1-R39	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley
<i>Funding:</i>	\$289,564
<i>Description:</i>	A three year project to renew existing red maple and balsam fir stands back to red and white pine shelterwood system stocking standards
Project Number: 884-1-R39	
<i>Applicant:</i>	Eacom Timber Corporation (as Agent for Northshore Forest)
<i>Forest:</i>	Northshore
<i>Funding:</i>	\$228,825
<i>Description:</i>	A three year project to significantly improve the health, development and quality of tolerant hardwood stands (sugar maple & yellow birch) on the Northshore Forest. This project will implement a stand improvement treatment that will ensure the removal of undesirable growing stock (trees) thereby allowing stand health and quality to improve in the shortest possible time.
Project Number: 886-1-R39	
<i>Applicant:</i>	Bancroft Minden Forest Company Inc.
<i>Forest:</i>	Bancroft-Minden Forest
<i>Funding:</i>	\$50,850
<i>Description:</i>	This three year project initiates a second pre-commercial crop tree release in well established even-aged mid-tolerant stands of primarily yellow birch in the polewood size class. The intention of this project is to increase future economic returns, maintain good growth and improve forest health.
Project Number: 887-1-R39	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park
<i>Funding:</i>	\$35,708
<i>Description:</i>	A one year pre-commercial thinning project in tolerant hardwood stands on better sites will release good quality polewood and smaller sawtimber from competing low quality overstory and midstory competition. This treatment will prepare stands for commercial harvesting in 30-40 years.

Project Number:888-1-R39	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park
<i>Funding:</i>	\$28,815
<i>Description:</i>	A one year improvement cutting project in tolerant hardwood stands on better sites will release good quality polewood and smaller sawtimber from competing low quality overstory and midstory competition. This treatment will prepare stands for commercial harvesting in 20-30 years.
Category 2- Remediation	
Project Number:879-2-R39	
<i>Applicant:</i>	Westwind Forest Stewardship Inc.
<i>Forest:</i>	French/Severn
<i>Funding:</i>	\$270,867
<i>Description:</i>	A two year project in heavily degraded areas due to past budworm, overmature mixedwood conditions, white pine blister rust and invasive scots pine. Mechanical and chemical site preparation followed by planting of primarily red pine – with much lesser amounts of white spruce and white pine are planned on these productive accessible sites.
Project Number: 882-2-R39	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley
<i>Funding:</i>	\$43,223
<i>Description:</i>	A three year project to renew stands affected by severe winds in July, 2013. The proposed area was salvaged during the summer in 2014. Deep, sandy loam and good access make this area a good candidate for renewal to red pine.
Project Number: 883-2-R39	
<i>Applicant:</i>	First Resource Management Group Inc. acting as agent for Timiskaming Forest Alliance Inc.
<i>Forest:</i>	Timiskaming Forest
<i>Funding:</i>	\$714,652
<i>Description:</i>	A three year project to intensively renew crown land after the 2012 Kirkland Lake Fire #13 and Timmins Fire #7.
Category 0- Ineligible in Round 39	
<i>Applicant:</i>	Red Lake Forest Management Company Ltd.
<i>Forest:</i>	Red Lake
<i>Description:</i>	In 2012, an early wet snowstorm accompanied by very strong winds caused extensive damage across the Red Lake Forest. In younger (<40 yr old) jack pine and spruce stands, stems broke or blew over, while in older stands the primary damage was crown snapping. <i>This project is intended to quantify the damage and create an algorithm to apply to the forest stands to be used in the 2018 FMP planning inventory.</i>
ROUND 40	
Category 1- Stand Management	
Project Number:891-1-R40	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley
<i>Funding:</i>	\$39,550
<i>Description:</i>	A one year to project facilitate the harvest or felling and lopping of unmerchantable and/or currently unmarketable hardwoods and conifers to allow for the successful regeneration of poplar and white birch as well as improve overall stand structure by eliminating poor quality red maple and balsam fir.

Project Number: 897-1-R40	
<i>Applicant:</i>	Nipissing Forest Resource Management Inc.
<i>Forest:</i>	Nipissing
<i>Funding:</i>	\$60,596
<i>Description:</i>	This three year project will facilitate the revitalization of productive hardwood sites that are within close distance to a primary haul road and provincial highway.
Project Number: 898-1-R40	
<i>Applicant:</i>	GreenMantle Forest Inc.
<i>Forest:</i>	Lakehead
<i>Funding:</i>	\$248,143
<i>Description:</i>	The project will involve forest remediation of shrub rich, poorly stocked stand on highly productive soils through chemical site preparation, mechanical site preparation, and tree planting. Future tending with herbicide will occur as necessary. The poor quality hardwood forest will be converted to a conifer dominated forest of black and white spruce, and jack, red and white pine.
Category 2- Remediation	
Project Number: 889-2-R40	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park
<i>Funding:</i>	\$118,055
<i>Description:</i>	Mechanical site preparation and planting of white, red, and jack pine over a two year period, as well as smaller quantities of white and red spruce across areas affected by a July 2013 windstorm. An additional 37ha will be straight planted with no mechanical site preparation. The sites tend to be in site class 1 and 2 which have yielded high quality pine in previous harvests.
Project Number: 890-2-R40	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park
<i>Funding:</i>	\$77,375
<i>Description:</i>	Tending and spacing with chainsaws of areas affected by a 1983 windstorm. The treatment areas were planted with white pine as well as a small component of red pine in 1984-85; many white pine were subsequently affected by white pine weevil. Where the density of white pine was high enough, competition between individual stems forced many stems to grow straight despite repeated attacks of white pine weevil. This three year treatment will focus on removing stems with heavy branching and poor form as well as competing hardwoods to release high quality white pine/red pine. Residual density of white pine/red pine will generally range from 800-1500 stems/ha depending on initial density of individual sites. and/or currently unmarketable hardwoods and conifers to allow for the successful regeneration of poplar and white birch as well as improve overall stand structure by eliminating poor quality red maple and balsam fir.
Project Number: 892-2-R40	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley
<i>Funding:</i>	\$80,343
<i>Description:</i>	A three year project to renew stands degraded by poor or inappropriate management practices to red oak. This site contains enough stocking to maintain and manage as a uniform shelterwood system but does not support a harvest of the regeneration stage of management. The site is regenerating to red maple, balsam fir and ironwood while red maple and balsam fir represents a heavy mid canopy.

Project Number: 895-2-R40	
<i>Applicant:</i>	Nipissing Forest Resource Management Inc.
<i>Forest:</i>	Nipissing
<i>Funding:</i>	\$24,918
<i>Description:</i>	This one year project proposes to chemically tend regeneration, established on pine shelterwood sites, that were restored after the 2006 windstorm as part of the FFT Trust Project #653-2-R25. This includes treatments using backpack foliar spray and aerial spray.
Project Number: 896-2-R40	
<i>Applicant:</i>	Nipissing Forest Resource Management Inc.
<i>Forest:</i>	Nipissing
<i>Funding:</i>	\$19,582
<i>Description:</i>	A one year project is planned for intensive renewal treatments. Red/white pine and white spruce plantations are being established on the site. It was salvage harvested in 2013/14 as a result of 2010 spruce budworm damage.
Project Number: 900-2-R40	
<i>Applicant:</i>	Ministry of Natural Resources & Forestry
<i>Forest:</i>	Caribou
<i>Funding:</i>	\$39,905
<i>Description:</i>	This one year project focuses on applying prescribed fire to 1,171 hectares of tornado damaged forest for the purposes of forest renewal, hazard reduction and fire science research. In 2013, when this project started, poor burning conditions inhibited a successful burn. In 2014, the burn was reattempted under much better burning conditions and 324 of 1495 hectares were burnt successfully. This project application is intended to complete the remaining 1,171 hectares of tornado damage.
Project Number: 901-2-R40	
<i>Applicant:</i>	Domtar Inc.
<i>Forest:</i>	Wabigoon
<i>Funding:</i>	\$153,228
<i>Description:</i>	This three year project is to salvage and reforest 110 hectares on the north east side of Dore Lake. The area has been adversely affected first by spruce budworm in the 1980's and subsequently the dead trees were blown down. The project will return the site to full stocking and result in increased future wood supply.
Project Number: 903-2-R40	
<i>Applicant:</i>	Red Lake Forest Management Company LTD.
<i>Forest:</i>	Red Lake
<i>Funding:</i>	\$69,490
<i>Description:</i>	This 3 year renewal of post-salvage harvest areas affected by 2012 snowdown. This natural disturbance resulted in significantly lower harvest volumes. In order to support regeneration of this affected area, it will be site prepared, artificially regenerated (black spruce, white spruce, jack pine).
Category 4- Insolvency	
Project Number: 899-4-R40	
<i>Applicant:</i>	Ministry of Natural Resources & Forestry
<i>Forest:</i>	Caribou
<i>Funding:</i>	\$56,500
<i>Description:</i>	This one year project focuses on applying prescribed fire to unmanaged roadside slash debris for the purpose of reclaiming productive ground. Due the bankruptcy of a major licensee-in 2009, large amounts of unmanaged debris (mainly in delimeter slash) was left at roadside. An aerial

	ignition test burn of this roadside debris (approximately 200 ha) was completed in fall of 2014 and proved to be very effective at removing the debris. This project encompasses approximately 1,180 ha, the remaining area requiring treatment.
Project Number: 902-4-R40	
<i>Applicant:</i>	Resolute Forest Products Canada Inc.
<i>Forest:</i>	Black Spruce
<i>Funding:</i>	\$358,212
<i>Description:</i>	This two year project will pile and burn delimeter debris and unprocessed full tree poplar, to reclaim harvest areas left after an insolvency. The productive land will be promptly renewed to jack pine.
Project Number: 904-4-R40	
<i>Applicant:</i>	Ministry of Natural Resources & Forestry
<i>Forest:</i>	English River
<i>Funding:</i>	\$111,011
<i>Description:</i>	This 1 year project focuses on applying prescribed fire to roadside slash debris for the purposed of reclaiming productive land. Due to the bankruptcy of a major licensee in 2009, large amounts of unmanaged debris (mainly delimeter slash) was left at roadside. The focus will be to create plantable sites by reducing the debris such that we can re-establish the conifer condition that many of these areas are capable of supporting. The roadside areas are highly productive sites capable of increasing the total areas by 5-10% of gross total area.
Category 0: Ineligible in Round 40	
<i>Applicant:</i>	Nipissing Forest Resource Management Inc.
<i>Forest:</i>	Nipissing
<i>Description:</i>	Spruce budworm is impacting the population of a rare tree species (red spruce) located in a uniquely large stand north of its known range. Protection of this unique and rare population is required and there is a high probability that an MNR&F lead aerial protection program will be implemented in the next several years. <i>This project, through active management that is consistent with gene conservation principles, will complement the MNR&F's efforts to protect this potential "species at risk" population.</i> A combination of Salvage Harvest in degraded stands (low volume, poor quality) partnered with stand improvement, tending of existing regeneration, natural and artificial regeneration establishment, and seed collection is being proposed. Supplemental tending treatments are also required on previous gene conservation efforts (established red spruce plantations) outside of the Blyth Twp. Site.
<i>Applicant:</i>	Nipissing Forest Resource Management Inc.
<i>Forest:</i>	Nipissing
<i>Description:</i>	Degraded pine stands resulting from logging and absent management practices 50 to 60 years ago are targeted for revitalization. <i>Existing stands on deep coarse well drained soils, composed mostly of intolerant hardwoods and very little pine, will be clearcut harvested and then receive intensive renewal treatments</i> Red pine plantations will be established by this project In the future. They will be managed to produce higher value products using pre-commercial and commercial thinning treatments Expected future revenue to the Renewal Trust Fund from the revitalized stands, once in production, will far exceed that from the degraded stands.