

## FFT SILVICULTURE PROGRAM:

### LIST OF PROJECTS APPROVED IN 2017/18

<b>ROUND 45</b>	
<b>Project Number: 943-1-R45 Stand improvement in partial cut stands</b>	
<i>Applicant:</i>	Westwind Forest Stewardship Inc.
<i>Forest:</i>	French-Severn
<i>Approved Funding:</i>	\$406,800
<i>Description:</i>	This project involves the felling of trees not considered merchantable but necessary to be removed 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). This treatment occurs on those sites able to support partial cut systems. Diseased trees, trees crowding other trees and beech trees are examples of stems to be targeted for removal.
<b>Project Number: 944-3-R45 Control of beech regeneration</b>	
<i>Applicant:</i>	Westwind Forest Stewardship Inc.
<i>Forest:</i>	French-Severn
<i>Approved Funding:</i>	\$321,711
<i>Description:</i>	This project will result in the reduction and control of beech regeneration in the understory of tolerant hardwood stands. The project is undertaken due to the proliferation of beech bark disease in this part of the province which will prevent this regeneration from becoming healthy mature trees. The project will promote the establishment and/or release of other tree species such as sugar maple to be recruited into the canopy. Stem specific methods of control - primarily basal bark - will be used.
<b>Project Number: 945-1-R45 Tending of stand conversion of degraded stands</b>	
<i>Applicant:</i>	Westwind Forest Stewardship Inc.
<i>Forest:</i>	French-Severn
<i>Approved Funding:</i>	\$41,977
<i>Description:</i>	This project will tend a FFT supported stand conversion of degraded stands project (FFT 879) that was planted in 2016. A skidder mounted air blast sprayer (ABS) will be used to broadcast treat vegetative competition that has come into the site since planting. Red pine (majority), white pine and white spruce will be released from competition on productive sites for conifer.
<b>Project Number: 946-1-R45 Mazinaw-Lanark forest pine restoration</b>	
<i>Applicant:</i>	Mazinaw-Lanark Forest Inc.
<i>Forest:</i>	Mazinaw-Lanark
<i>Approved Funding:</i>	\$263,974
<i>Description:</i>	This project will support intensive silviculture treatments to restore sites back to fully stocked pine forests. Past forest practices resulted in either a decreased or degraded component of pine forest units (white and red pine) on the management unit. Efforts to restore this ecosystem back to its natural level on the forest are expensive and involve stand conversions with high silvicultural/cost input in low volume pine stands where renewal fees do not support the level of cost. The majority of these sites are confined to areas that were managed prior to the inception of the Forest Renewal Trust and renewal back to pine was unsuccessful.

<b>Project Number: 949-1-R45 Pre-commercial thinning of aerially seeded jack pine</b>	
<i>Applicant:</i>	Domtar Inc.
<i>Forest:</i>	Wabigoon
<i>Approved Funding:</i>	\$94,834.
<i>Description:</i>	Aerially seeded jack pine blocks have been identified through assessment as requiring a pre commercial thinning (PCT) treatment.
<b>Project Number: 950-2-R45 Historical natural disturbance reclaim</b>	
<i>Applicant:</i>	Red Lake Forest Management Company Ltd.
<i>Forest:</i>	Red Lake
<i>Approved Funding:</i>	\$39,866.
<i>Description:</i>	Successive natural disturbances have cumulated to significantly decrease mature forest stocking on a high productive site. These disturbances include a history of blowdowns and spruce budworm infestation. This project will site prepare the affected area and create a new cohort, thus, re-establishing a healthy and productive stand in this forest.
<b>Project Number: 948-2-R45 Temagami MU stand revitalization project -Phase 1</b>	
<i>Applicant:</i>	First Resource Management Group on behalf of MNRF, North Bay
<i>Forest:</i>	Temagami
<i>Approved Funding:</i>	<b>Decision pending</b>
<i>Description:</i>	This project will target the revitalization of degraded harvest areas that have been high-graded and neglected over a number of more recent plans (including the current 2009-2019 plan). The lack of natural and artificial stand replacing disturbances, coupled with a prolonged spruce budworm outbreak has resulted in the degraded stand conditions found in the areas being proposed. The lack of disturbance has affected species composition, age-class distribution, and timber quality; resulting in a negative impact on the desired future forest condition and utilization. The goal of the project is to improve the health, yield and timber quality through the application of appropriate silvicultural techniques in partnership with Temagami First Nation.
<b>Category 0: Ineligible/Not Funded in Round</b>	
<i>Applicant:</i>	Vermillion Forest Management Company
<i>Forest:</i>	Sudbury
<i>Description:</i>	This project is designed to reconcile silvicultural failure of a site impacted by access restrictions outside of the control of the SFL immediately following harvest. Through access-related unanticipated delays and limited options for site preparation treatments, as well as unfortunate planting stock quality, the site has been lost. In order to re-initiate the treatment cycle, mechanical site preparation will be followed by planting primarily white pine and white spruce during the same season. The site is currently an unsatisfactorily regenerating seed cut stage white pine uniform shelterwood area.
<b>ROUND 46</b>	
<b>Project Number: 951-3-R46 Hemlock woolly adelgid silviculture management</b>	
<i>Applicant:</i>	Bancroft Minden Forest Company Inc.
<i>Forest:</i>	Bancroft Minden
<i>Approved Funding:</i>	\$145,770
<i>Description:</i>	With the occurrence of Hemlock Woolly Adelgid (HWA) now confirmed in eastern Canada there are management strategies that can prolong the health of hemlock in anticipation of the insect. This project intends to introduce light to individual hemlock stems that occur primarily in the midstory and understory through thinning and overstory spacing in an attempt to increase the stems Live Crown Ratio (LCR). The tending will occur in hemlock stands but can

	also take place in other stand types where hemlock dominates the understory or where hemlock patches are encountered.
<b>Project Number: 952-1-R46 OVF Pine restoration</b>	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley
<i>Approved Funding:</i>	\$310,750
<i>Description:</i>	A three year project to renew stands degraded by poor or inappropriate management practises back to red and white pine. These sites no longer contain adequate white and/or red pine stocking to maintain a shelterwood management system and are currently regenerating to red maple and balsam fir that ranges from 6 to 10 meters in height and 6-20 centimeters in diameter.
<b>Project Number: 953-1-R46 Pine removal cut tending</b>	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley
<i>Approved Funding:</i>	\$183,625
<i>Description:</i>	This two year project to tend 500 hectares of white pine shelterwood management areas in lieu of conducting a first removal harvest. Due to past practices two cuts are not economically viable and there is concern that the established regeneration will be lost without an extraordinary intervention that would normally be linked operationally and financially to the commercial harvest.
<b>Project Number: 954-1-R46 OVF Enhanced tending pilot project</b>	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley
<i>Approved Funding:</i>	\$31,188
<i>Description:</i>	A one-year pilot tending project to increase target regeneration stocking above and beyond regeneration standard levels as described within the Forest Management Plan. This block was renewed to red and white pine after a major wind event and salvage operations occurred. Free To Grow regeneration standards have been met but potentially an additional 40% stocking can be realized with another tending treatment.
<b>Project Number: 955-1-R46 Eyre Township improvement cutting 2017</b>	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park
<i>Approved Funding:</i>	\$395,785
<i>Description:</i>	Part of Eyre Township was formerly private land and was harvested heavily prior to sale to Crown and incorporation into Algonquin Park. Improvement cutting 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.
<b>Project Number: 956-1-R46 Stand improvement in white pine shelterwood stands</b>	
<i>Applicant:</i>	Nipissing Forest Resource Management Inc.
<i>Forest:</i>	Nipissing
<i>Approved Funding:</i>	\$615,172
<i>Description:</i>	This three year project will provide up to two tending treatments in white pine stands harvested under Uniform Shelterwood. Stands will be chosen that currently have a high white/red pine presence but low Pw/Pr dominance (at or close to Free To Grow height). Mid-tolerant hardwoods will be maintained or increased. First Nation manual saw contractors will be hired to brushsaw and/or chainsaw sapling and mid-story non-crop conifer and hardwood

	(1025 ha). Aerial herbicide tending will be prescribed in 400 ha to reduce advanced mid-story hardwood. Refer to attached map and shapefile for planned locations.
<b>Project Number: 957-1-R46 Stand improvement in degraded hardwood and conifer stands</b>	
<i>Applicant:</i>	Nipissing Forest Resource Management Inc.
<i>Forest:</i>	Nipissing
<i>Approved Funding:</i>	\$98,055
<i>Description:</i>	Hardwood and conifer stands throughout the Nipissing Forest have been degraded as a result of historical high-grading, diameter limit harvesting, and lack of stand improvement. These practices have resulted in a high proportion of small unmerchantable off-site stems below CFSA standards with marginal quality. This concurrent with harvest stand improvement project will facilitate the revitalization of productive sites totaling 2400ha over three years.
<b>Project Number: 959-1-R46 Tolerant hardwood stand improvement (2018-2020)</b>	
<i>Applicant:</i>	EACOM Timber Corporation (as Agent for the Northshore Forest)
<i>Forest:</i>	Northshore
<i>Approved Funding:</i>	\$152,550
<i>Description:</i>	This three year project will 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) thereby allowing stand health and quality to improve in the shortest possible time.
<b>Project Number: 960-2-R46 Willet salvage renewal</b>	
<i>Applicant:</i>	Lake Nipigon Forest Management Inc.
<i>Forest:</i>	Lake Nipigon -
<i>Approved Funding:</i>	\$325,330
<i>Description:</i>	The Willet block allocation was hit with a blowdown event that has resulted in severe damage to the allocated stands and a reduction in volume. A salvage rate was applied for and accepted by Ministry of Natural Resources and Forestry. The area is comprised of four forest units - Jack pine conifer, Conifer mixedwood, Spruce conifer and Lowland spruce. The area will require site preparation and planting with the target species for regeneration being jack pine and black spruce.
<b>Category 0: Ineligible/Not Funded in Round</b>	
<i>Applicant:</i>	Nipissing Forest Resource Management Inc.
<i>Forest:</i>	Nipissing
<i>Description:</i>	The objective of this project is to thin a white pine plantation to create a future seed production area where white pine seed can be efficiently collected in good seed years
<i>Applicant:</i>	Resolute FP Canada Inc.
<i>Forest:</i>	Black Spruce
<i>Description:</i>	The objective of this project to apply a novel intensive stand reclamation approach to return productive stand area, which has been used for a time as roadway, back to productive jack pine area in order to maximize wood supply from these areas. Intensive activities involve application of wood ash as a soil amelioration treatment to a small area (25 ha), once an approved ECA is received from MOECC. Mechanical site preparation and seeding will complete the intensive reclamation treatments