

FFT SILVICULTURE PROGRAM 2018-19

LIST OF PROJECTS APPROVED FOR ROUND 47 AND 48

Project Number: 962-2-R47 Planting after Forest Fire – Bancroft-Minden Forest	
<i>Applicant:</i>	Bancroft Minden Forest Company Inc.
<i>Forest:</i>	Bancroft Minden Forest
<i>Approved Funding:</i>	\$12,794
<i>Description:</i>	This project will replant white pine in a shelterwood harvest that was cut in 2009 and declared free-to-grow in 2017. An area of 12.85 hectares was burned by a fire at the end of July 2018. The site is ideally suited for growing white pine, the target species. Following the burn, site conditions for planting in 2019 are anticipated to be good.
Project Number: 963-1-R47 Conversion of Degraded Stands to Conifer	
<i>Applicant:</i>	Westwind Forest Stewardship Inc.
<i>Forest:</i>	French Severn Forest
<i>Approved Funding:</i>	\$66,733
<i>Description:</i>	Heavily degraded areas due to past budworm, overmature mixedwood conditions, white pine blister rust and invasive scots pine have been harvested with very low volumes and value. 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: 964-1-R47 Stand Improvement in Partial Cut Stands	
<i>Applicant:</i>	Westwind Forest Stewardship Inc.
<i>Forest:</i>	French Severn Forest
<i>Approved Funding:</i>	\$1,182,545
<i>Description:</i>	Stand improvement activities involving 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.
Project Number: 965-1-R47 Algonquin Park 2013 Blowdown Tending	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park Forest
<i>Approved Funding:</i>	\$186,360
<i>Description:</i>	Manual cleaning of areas damaged by blowdown in the summer of 2013. Brush saws will be used to remove competition from planted and naturally regenerating pine, spruce and mid-tolerant crop trees. The proposed project follows up on areas that received artificial regeneration treatments as part of several previous forestry futures projects.
Project Number: 966-1-R47 Algonquin Even-Aged Stand Improvement	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park Forest
<i>Approved Funding:</i>	\$438,581
<i>Description:</i>	Felling of marginal and unmerchantable stems in order to establish and promote the growth of good quality pine and other crop trees on sites most suitable for their management. Work will focus on the removal of diseased and poor quality mid-story stems.

Project Number: 967-1-R47 Algonquin Uneven-aged Stand Improvement	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park Forest
<i>Approved Funding:</i>	\$633,506
<i>Description:</i>	Felling of marginal and unmerchantable stems in order to establish and promote the growth of good quality mid-tolerant and tolerant hardwood crop trees on sites most suitable for their management. Work will focus on the removal of diseased and poor quality stems.
Project Number: 968-1-R47 Mazinaw-Lanark Forest Intensive Stand Improvement	
<i>Applicant:</i>	Mazinaw-Lanark Forest Inc.
<i>Forest:</i>	Mazinaw-Lanark Forest
<i>Approved Funding:</i>	\$282,892
<i>Description:</i>	Intensive silviculture treatments will be applied to productive sites with the objective to promote high-quality tolerant hardwood, red oak, red pine and white pine development. Stand improvement treatments will be used to increase the growth rates and quality of the remaining stems through the removal of undesirable and non-merchantable stems. These intensive stand-improvement treatments will help to ensure a greater proportion of high quality future growing stock is obtained.
Project Number: 969-2-R47 OVF Wildfire Jack Pine Seeding	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley Forest
<i>Approved Funding:</i>	\$31,781
<i>Description:</i>	A three-year project to renew fire-killed (2018 wildfire) mixedwood pine stands to jack pine. These areas consisted of mixed pine stands with a varying component of jack pine that were destroyed by a fire that burned so severely in the treatment area that limited nature pine renewal is expected. The project will consist of pretreatment assessment, including forest operations development, aerial chemical site preparation and the direct aerial seeding of jack pine seed over in the treatment area.
Project Number: 970-2-R47 OVF Wild Fire Red Pine Planting	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley Forest
<i>Approved Funding:</i>	\$95,824
<i>Description:</i>	A three-year project to renew fire killed mixedwood pine stands to red pine. These areas consist of mixed pine stands with a varying component of red, white and jack pine that were destroyed by a fire that burned so severely in the treatment area that limited natural pine renewal is expected. The project will consist of a summer plant of red pine over the treatment area followed by a tending treatment applied aerially in the last year of the project application.
Project Number: 971-2-R47 OVF Wild Fire Retreatment Area	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley Forest
<i>Approved Funding:</i>	\$141,024
<i>Description:</i>	A three-year project to regenerate red and white pine Shelterwood stands that have been impacted significantly from wildfire. Past intensive silvicultural treatments had produced fully stocked white and red pine understories of varying heights and ages and have been completely eliminated by the fire that burned during the summer of 2018. Mechanical site preparation, tree planting and tending by aerial application is being request for this treatment area.
Project Number: 972-2-R47 Renewing the Forest After Wildfire NOR062	
<i>Applicant:</i>	Nipissing Forest
<i>Forest:</i>	Nipissing Forest Resource Management
<i>Approved Funding:</i>	\$448,059

<i>Description:</i>	NOR062 was a large wildfire that burned 2500 ha in the Nipissing forest July-Aug 2018. This project will focus on replacing young forests that were killed by the fire: red pine plantations, young jack pine plantations, young jack pine natural, and PWUS that had received a regeneration cut. Treatments include: chemical site preparation where needed, planting Pw and Pr in accessible areas with good soil (growing of planting stock, planting) and aerial seeding (Pw, Pj, Sb) in remote locations and/or rocky areas.
Project Number: 973-1-R47 Tolerant Hardwood Stand Improvement on the Algoma Forest 2019-2020	
<i>Applicant:</i>	Clergue Forest Management Inc. in cooperation with Boniferro Mill Works and Midway Lumber
<i>Forest:</i>	Algoma Forest
<i>Approved Funding:</i>	\$339,000
<i>Description:</i>	Algoma Forest tolerant hardwoods have a high percentage of poor quality trees 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 FFT will support removal of UGS trees, promoting the performance of residual trees. This treatment is an integral part of selection and shelterwood harvesting in tolerant hardwood forest units.
Project Number: 974-4-R47 Abitibi River Forest 2018 Category 4 Funding	
<i>Applicant:</i>	Abitibi River Forest Management Inc.
<i>Forest:</i>	Abitibi River Forest
<i>Approved Funding:</i>	\$326,446
<i>Description:</i>	This project is for reimbursement of the cost of producing tree seedlings delivered for the spring 2018 tree plant as well as for trees grown for the spring 2019 tree plant. This application is under Category 4: Insolvency to reimburse the ARF SFL company for funds not deposited during a previous insolvency process
Project Number: 975-2-R47 Shallow River Renewal Project (SRRP) - Phase IV	
<i>Applicant:</i>	Timiskaming Forest Alliance Inc.
<i>Forest:</i>	Timiskaming Forest
<i>Approved Funding:</i>	Approved with conditions.
<i>Description:</i>	In keeping with the Phase I, II & III components of the Shallow River Renewal Project, the objective for Phase IV is to intensively renew 500 hectares in the northern portion of the Timiskaming Forest. These sites have failed to meet silvicultural ground rule standards following harvest operations due to a decline in the health and vigor of poplar stands. The sites are highly productive, calcareous lacustrine clay soils dominated by trembling aspen. The project will involve aerial chemical and mechanical site preparation (shear blading), tree planting (white spruce and black spruce) and aerial chemical tending.
Project Number: 976-2-R47 Geraldton Wildfire	
<i>Applicant:</i>	Ne-daa-kii-me-naan Inc.
<i>Forest:</i>	Kenogami Forest
<i>Approved Funding:</i>	\$15,899
<i>Description:</i>	A wildfire in 2016 took place in part of a 2007 harvest area north of Geraldton burning 30.3 hectares of regeneration. This area was site prepared and seeded in 2008. As the trees are young, there were not cone bearing trees to naturally seed in. The majority of the area is upland, sandy soil with the majority target species for regeneration being jack pine.
Project Number: 977-2-R47 Storm and Pest Damaged Forest – Renewal	
<i>Applicant:</i>	Red Lake Forest Management Company Ltd.
<i>Forest:</i>	Red Lake Forest
<i>Approved Funding:</i>	\$196,620

<i>Description:</i>	This project will renew conifer-dominated boreal forest which has been significantly impacted by recent weather (ie. blowdown and snowdown) and insect damage. These natural disturbances have culminated to decrease stand volume and increase the unmerchantable fibre. Support from Forestry Futures will assist in returning this area into a productive, healthy forest of approximately 300 hectares. The defined area will be site prepared and artificially regenerated (black spruce and some red pine).
Project Number: 978-1-R48 Red Oak Remediation	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley Forest
<i>Approved Funding:</i>	\$126,842
<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 in the uniform shelterwood system but does not support a harvest at the regeneration stage of management. The site is regenerating heavily to red maple, balsam fir and ironwood up to 6 meters in height and has eliminated any red oak regeneration.
Project Number: 979-1-R48 OVF Pine Restoration	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley Forest
<i>Approved Funding:</i>	\$388,155
<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.
Project Number: 980-1-R48 Intolerant Hardwood Stand Improvement	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley Forest
<i>Approved Funding:</i>	\$59,325
<i>Description:</i>	This project will 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 and improve overall stand structure by eliminating poor quality red maple, ironwood and balsam fir.
Project Number: 981-3-R48 Control of Beech Regeneration Due to Beech Bark Disease	
<i>Applicant:</i>	Bancroft Minden Forest Company Inc.
<i>Forest:</i>	Bancroft-Minden Forest
<i>Approved Funding:</i>	\$268,000
<i>Description:</i>	The purpose of this project is to reduce the amount of beech regeneration in tolerant hardwood stands affected by Beech Bark Disease (BBD) in an attempt to reduce the risk of beech thickets forming in the Aftermath Forests. Methods used to accomplish the removal of beech may include: 1. Mechanical removal (e.g. brushsaw, chainsaw, girdling) or 2. Herbicide Treatment (e.g. stem specific basal bark treatment, sproutless application using brushsaw).
Project Number: 982-1-R48 Mazinaw-Lanark Forest Prescribed Burn	
<i>Applicant:</i>	Mazinaw-Lanark Forest Inc.
<i>Forest:</i>	Mazinaw-Lanark Forest.
<i>Approved Funding:</i>	\$30,010
<i>Description:</i>	A prescribed burn treatment has been scheduled in September 2019 to site prepare two post-harvest blocks for renewal by broadcast seeding or hand planting methods. Prescribed fire will be applied to the cutover area to emulate natural disturbance and consume post-harvest coarse fuels

	(top material and undesirable midstory) while creating a suitable seedbed for the artificial regeneration of flagship species. The objective is to restore even-aged white and red pine forests on degraded mixed-wood sites. An Enhanced Harvest treatment has been integrated into the harvest operations to remove undesirable midstory with heavy equipment balsam fir and red maple and dump at the stump. This undesirable midstory material must be removed to achieve suitable sunlight conditions on the forest floor and will increase fuel load and fuel distribution across the block to help meet coarse/fine fuel consumption targets.
Project Number: 983-1-R48 Red Pine Plantation Thinning	
<i>Applicant:</i>	Nipissing Forest Resource Management Inc.
<i>Forest:</i>	Nipissing Forest
<i>Approved Funding:</i>	\$732,455
<i>Description:</i>	Red pine dominated plantations will be thinned intensively over a three-year period consistent with the red pine stand density management diagram to optimize small sawlog and posts in the short-term and large sawlog and utility poles in the long-term. Local established First Nations contractors have expressed interest in being trained for all aspects of the project (point sample data collection, tree marking, chainsaw manual felling, and mechanical felling).
Project Number: 984-0-R48 Dog River Matawin Stand Improvement	
<i>Applicant:</i>	Resolute FP Canada
<i>Forest:</i>	Dog River-Matawin
<i>Approved Funding:</i>	Not eligible
<i>Description:</i>	The project objective is to intensively improve through motor-manual tending conifer renewed blocks through early manual cleaning to release conifer crop trees adjacent to values where herbicide use is less favoured than other values.
Project Number: 985-0-R48 Maple Intensification Project	
<i>Applicant:</i>	Resolute FP Canada
<i>Forest:</i>	Dog River-Matawin
<i>Approved Funding:</i>	Not eligible
<i>Description:</i>	Understanding of red maple management is currently limited in silviculture practice in northwest Ontario. This project aims to provide direction on the feasibility of managing for red maple and inform best silviculture practices for this species. Recent harvest areas with significant portion of residual red maple as well as red maple advance regeneration will be manually cleaned of other competing hardwoods to provide: 1) a seedbed for additional red maple seedling in and 2) release advanced red maple regeneration.
Project Number: 986-0-R48 Black Spruce Forest Stand Improvement	
<i>Applicant:</i>	Resolute FP Canada
<i>Forest:</i>	Black Spruce Forest
<i>Approved Funding:</i>	Not eligible
<i>Description:</i>	This project objective is to intensively improve through motor-manual tending conifer renewed blocks through early manual cleaning to release conifer forest in the woodland caribou (a species at risk) continuous zone along with areas adjacent to other values where herbicide use is less favoured.
Project Number: 987-4-R48 Reclamation of productive land occupied by roadside un-utilized timber	
<i>Applicant:</i>	MNRF Sioux Lookout District
<i>Forest:</i>	Lac Seul Forest
<i>Approved Funding:</i>	Withdrawn by applicant
<i>Description:</i>	This project focuses on applying prescribed fire to un-utilized roadside timber for the purpose of reclaiming productive ground. Due to the bankruptcy of the former SFL holder, McKenzie Forest Products, left tree length piles of roadside wood, and some 8' decked wood was left un-utilized. This

	wood is no longer merchantable, and has been in place since 2008-2009. The closure of the sawmill and curtailment of harvesting operations resulted in the wood being abandoned. It should be noted that Obishikokaang Resources (now Ondaadziwin Forest Management Inc), has address many of the liabilities that were present since they began management in 2012. These areas of piled wood were not known to MNRF or Obishikokaang until recently noticed when a MNRF employee flew over on an unrelated matter. 4 distinct areas are shown on attached project map.
Project Number: 988-2-R48 Bug Lake Yellow Girl Salvage area renewal project	
<i>Applicant:</i>	MNRF Kenora District
<i>Forest:</i>	Whiskey Jack Forest
<i>Approved Funding:</i>	Decision pending additional SFL information
<i>Description:</i>	This project includes the site preparation and planting of 544,140 seedlings (estimated at 1,800 seedlings/ha for 302.3 ha) and regeneration assessments on 320.3 hectares of area that was impacted by a Jack Pine Budworm Infestation in the early 2000's and was further impacted by a two wind events in 2016 and 2017 followed by a significant snow down event in October 2017. These salvage areas were included as part of the previously implemented Jack Pine Budworm Insect Pest Management Program because of their integral value and its close proximity to local mills. Renewal of this area is paramount to maintaining its productivity.
Project Number: 989-2-R48 Dirtywater Salvage	
<i>Applicant:</i>	MNRF Kenora District
<i>Forest:</i>	Whiskey Jack Forest
<i>Approved Funding:</i>	Decision pending additional SFL information
<i>Description:</i>	This project includes slash piling, slash pile burning, site preparation and planting of 335,700 seedlings on 186.5 hectares (gross area) of area that was infected by jack pine budworm in 2006 and subsequently suffered wind damage in 2016 and 2017. This project area is traditionally a spring and summer harvesting operating area, within 80km of 2 local sawmills and a laminated strand lumber mill; therefore the re-establishment of this close operating and viable productive area will potentially serve 3 local fibre users.
Project Number: 990-2-R48 Lofty Davies Stand Remediation Project	
<i>Applicant:</i>	Greenmantle Forest Inc
<i>Forest:</i>	Lakehead Forest
<i>Approved Funding:</i>	\$638,695
<i>Description:</i>	This project involves the remediation of 424 hectares of low stocked, spruce budworm damaged forest along the west side of the Black Sturgeon River. Planned treatments include the harvest of available merchantable timber followed by tramping, chemical site preparation and a prescribed burn. Renewal will follow with the planting of spruce and pine seedlings. Access to the area is via the Lofty Davies primary road near the Town of Nipigon.
Project Number: 991-3-R48 2019 Jack Pine Budworm Insect Pest Management Program	
<i>Applicant:</i>	Province of Ontario
<i>Forest:</i>	Whitefeather, Trout Lake, Red Lake, Dryden, Wabigoon and Whiskey Jack Forests
<i>Approved Funding:</i>	\$5,369,676
<i>Description:</i>	The project involves targeting jack pine stands which have been infested with Jackpine budworm through aerial application of Bacillus thuringiensis variety kurstaki (Btk), a naturally occurring pesticide. Treatment will take place in a short timeframe (seven to ten treatment days), when larvae are feeding on newly emerging foliage of jack pine (<i>Pinus banksiana</i> Lamb.). The goal of this program is foliage protection. Sustainable Forest Licensees (SFLs) and the MNRF have identified treatment areas, selecting stands for wood supply protection and fire risks to Communities. Stands selected for treatment are moderate to severely defoliated (as of 2018), 40-years old or greater, and have a species composition of 40 percent jack pine or greater.

