

## FFT SILVICULTURE PROGRAM 2021-22

### LIST OF CLOSED PROJECTS

<b>Project Number: 935-4-R44</b>	
<i>Applicant:</i>	Nagagami Forest Management Inc.
<i>Forest:</i>	Nagagami Forest
<i>Funding:</i>	\$624,177.88
<i>Description:</i>	This 3 year project removes of roadside fiber to prepare the land base for renewal operations. The reclaimed roadside cut over areas will be brought back into the state of a productive forest by means of artificial regeneration operations that will result in a healthy, productive and sustainable forest ecosystem at the Forest Unit level.
<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>Funding:</i>	\$ 140,202.55
<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: 951-3-R46 Hemlock woolly adelgid silviculture management</b>	
<i>Applicant:</i>	Bancroft Minden Forest Company Inc.
<i>Forest:</i>	Bancroft Minden
<i>Funding:</i>	\$11,752.00
<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: 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>Funding:</i>	\$113,918.00
<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: 970-2-R47 OVF Wild Fire Red Pine Planting</b>	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley Forest
<i>Funding:</i>	\$57,630.00
<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.

<b>Project Number: 979-1-R48 OVF Pine Restoration</b>	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley Forest
<i>Funding:</i>	\$301,877.98
<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: 988-2-R48 Bug Lake Yellow Girl Salvage area renewal project</b>	
<i>Applicant:</i>	MNRF Kenora District
<i>Forest:</i>	Whiskey Jack Forest
<i>Approved Funding:</i>	\$177,827.72
<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.
<b>Project Number: 992-2-R49 White pine silviculture due to insolvency</b>	
<i>Applicant:</i>	Westwind Forest Stewardship Inc.
<i>Forest:</i>	French Severn Forest
<i>Funding:</i>	208,793.22
<i>Description:</i>	This project is to undertake white pine dominated renewal efforts of planting and tending in close proximity to primary roads in the French-Severn Forest. Areas will be planted with a mix of white pine and some red pine stock while other areas will have herbicide tending occur. This project seeks to recoup renewal monies owing from insolvent companies.
<b>Project Number: 997-2-R49 Renewing the Forest after Wildfire NOR070</b>	
<i>Applicant:</i>	Nipissing Forest Resource Management Inc.
<i>Forest:</i>	Nipissing Forest
<i>Funding:</i>	\$8,628.30
<i>Description:</i>	NOR070 measuring approximately 15 ha occurred during the July-August 2018 "fire-flap". This project will focus on the rehabilitation of a net area of 8.4ha to Pw and Pr while protecting the existing natural Pw germinants. Treatments will include stock production, aerial herbicide site preparation, and planting. The treatment site will be co-managed with other sites in the immediate vicinity.
<b>Project Number: 998-2-R49 Block 193 Salvage - Tend and Fill Plant</b>	
<i>Applicant:</i>	Nipissing Forest Resource Management Inc.
<i>Forest:</i>	Nipissing Forest
<i>Funding:</i>	\$46,179.81
<i>Description:</i>	Spruce budworm damage occurred before harvest in Block 193, SF and MW forest units. Salvage harvest permits were issued (196 ha) for a 50% stumpage reduction on Spruce/Balsam in 2013-2014. Forestry Futures Trust project number 895-2-R40 provided a harvest top-up to assist in intensive renewal treatments. The area received mechanical and chemical site preparation in 2015, planted in 2016, and monitored. An aerial spray tending treatment was implemented in 2017/2018. Of the 196 ha, 33.4 ha re-vegetated quickly after treatments and vegetation/snow press resulted in poor survival to planted red pine. In addition, 119 ha require a second tending treatment. We are requesting funds from Forestry Futures to implement a second tending treatment on 152.4 ha and fill plant on 33.4 ha to improve the productivity and success of these plantations.
<b>Project Number: 1000-2-R49</b>	
<i>Applicant:</i>	GreenFirst Forest Products ( formerly Rayonier )
<i>Forest:</i>	Gordon Cosens Forest
<i>Funding:</i>	38,256.65

<i>Description:</i>	This project will artificially regenerate approximately 39 ha of natural fire that occurred in 2012 on the Gordon Cosens Forest. The purpose of the project is to regenerate the area into productive, managed forest.
<b>Project Number: 1001-1-R49</b>	
<i>Applicant:</i>	MNRF North Bay
<i>Forest:</i>	Temagami Forest
<i>Funding:</i>	<i>withdrawn</i>
<i>Description:</i>	The Temagami MU Stand Revitalization Project - Phase I; will target the revitalization of degraded sites that have been subjected to past high-grading practices and subsequent inadequate/absent silvicultural intervention. The absence of natural and managed stand replacing disturbances, coupled with a prolonged spruce budworm outbreak, has resulted in stand characteristics that do not represent the economic, ecological and social value that the sites are capable of producing. The absence 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, timber quality and habitat value through the application of appropriate silvicultural techniques in partnership with Temagami First Nation.
<b>Project Number: 1003-2-R49 Jackpine Budworm Damage - Forest Renewal</b>	
<i>Applicant:</i>	Red Lake Forest Management Company Ltd.
<i>Forest:</i>	Red Lake Forest
<i>Funding:</i>	\$202,425.67
<i>Description:</i>	The Red Lake Forest area has most recently been disturbed by a jackpine budworm infestation. The damaged area was harvested as salvage on highly productive conifer dominated stands. This project proposes to renewal treatments to establish a healthy and productive forest of approximately 240 hectares. The defined area will be site prepared and artificially regenerated (black spruce and red pine).
<b>Project Number:1006-3-R50 Control of Beech Regeneration</b>	
<i>Applicant:</i>	Westwind Forest Stewardship Inc.
<i>Forest:</i>	French Severn Forest
<i>Funding:</i>	\$255,897.06
<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: 1010-1-R50 Tending Previous FFT projects</b>	
<i>Applicant:</i>	Nipissing Forest Resource Management Inc.
<i>Forest:</i>	Nipissing Forest
<i>Funding:</i>	\$85,832.10
<i>Description:</i>	Degraded white pine/red pine stands that were submitted for FFT funding in the past have been monitored and require a tending treatment to reach FTG. The NFRM silviculture budget is stretched thin in 2020/2021 because of poor markets for conifer pulp. NFRM is requesting funding from the FFT to pay for approximately 50% of the tending cost on 817 ha. Most (99%) of the tending is by aerial spraying. All blocks are managed under SGR's with PWUS as the future forest condition.
<b>Project Number: 1017-4-R50 Forest Renewal - Red Lake Forest</b>	
<i>Applicant:</i>	Red Lake Forest Management Company
<i>Forest:</i>	Red Lake Forest
<i>Funding:</i>	\$157,422.94
<i>Description:</i>	The Red Lake Forest renewal account has been impacted by a local mill involved in the insolvency process. That mill is associated with funds outstanding to the Red Lake Forest Renewal Trust account. As per Category 4, RLFMCL requests funding to support renewal according to the amount outstanding to the account. The area will be renewed fully up to 165 ha with site preparation and planting (black and white spruce, jack and red pine).

<b>Project Number: 1062-1-R51</b>	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley Forest
<i>Funding:</i>	\$4,520.00
<i>Description:</i>	Forestry Futures Trust funding is requested to assist in the pre-commercial thinning of a young jack pine stand.
<b>Project Number: 1066-4-R51</b>	
<i>Applicant:</i>	Obishikokaang Resources Corp./ Ondaadiziwin Forest Management Inc.
<i>Forest:</i>	Lac Seul Forest
<i>Funding:</i>	\$135,891.55
<i>Description:</i>	The insolvency project consists of our annual slash pile burn, for the fall/winter of 2020 and the 2021 tree plant. For slash pile burning, site conditions involve harvested blocks with piles of slash. Piles being burned are mainly hardwood (poplar and birch) and softwood (pine and spruce) consisting of limbs and tops. For the tree plant, site conditions are harvested and black spruce, white spruce and jack pine being planted. Approximately 1572 ha worth of blocks will have slash burned in the fall/winter of 2020 and 173 ha will be planted in the spring of 2021, providing for First Nation employment opportunities.
<b>Project Number: 1068-3-R52</b>	
<i>Applicant:</i>	Nipissing Forest Resource Management
<i>Forest:</i>	Nipissing Forest
<i>Funding:</i>	5,509.32
<i>Description:</i>	An extreme level of beech regeneration growing off-site needs control in a degraded red oak stand harvested 2019-20. Evidence of historical white pine presence exists. The threat of beech bark disease proliferating onsite is of concern to the re-establishment of oak and pine. Targeted ground manual herbicide by a local experienced First Nation contractor is the preferred site preparation treatment method. Red oak and white pine seed trees were spaced approximately 50 m apart by a local Certified Tree Marker. The 20 ha area will be monitored post-treatment for natural establishment of red oak and white pine. Tree planting of white pine will be scheduled if natural regeneration fails.
<b>Project Number: 1073-1-R52</b>	
<i>Applicant:</i>	Greenmantle Forest Inc.
<i>Forest:</i>	Lakehead Forest
<i>Funding:</i>	\$29,968.30
<i>Description:</i>	This project is a follow-up to the Adrian Lake Stand Remediation project (898-1-R40). The initial project involved forest remediation of approximately 200 hectares of low volume, old, hardwood dominated forest. Post-harvest treatments associated with project (898-1-R40) included tree planting preceded by chemical and mechanical site preparation. Follow-up cleaning (tending) with herbicide is deemed necessary to meet the goal of a conifer dominated forest condition.
<b>Project Number: 1078-2-R52</b>	
<i>Applicant:</i>	Domtar
<i>Forest:</i>	Trout Forest
<i>Funding:</i>	\$19,292.78
<i>Description:</i>	For the regeneration of the Aggas blowdown renewal treatments will include, mechanical site preparation and a tree plant. Pre-harvest the majority of the site was jack pine productive and will be regenerated to jack pine productive once again. Site conditions vary from fresh, sandy or coarse loamy to dry-fresh fine loamy or silty.
<b>Project Number: 1080-3-R52</b>	
<i>Applicant:</i>	Province of Ontario – NW and NE Regions
<i>Forest:</i>	Trout Lake, Dryden, Wabigoon, English River, Lac Seul, Caribou, Whiskey Jack, Kenora, Abitibi River, Gordon Cosens, Pineland and Romeo Malette Forests
<i>Funding:</i>	\$8,680,521.25
<i>Description:</i>	The project involves targeting jack pine stands infested with jackpine budworm in the Northwest Region and white spruce stands/balsam fir stands infested with spruce budworm in the Northeast Region through aerial

	application of <i>Bacillus thuringiensis</i> variety <i>kurstaki</i> (Btk). Treatment will take place in a short time frame (seven to ten treatment days) when larvae are feeding on newly emerging foliage of host species. The goal of this program is to protect foliage in order to mitigate the economic, safety and social impacts presented by the current expansion of the budworm infestations.