

FFT SILVICULTURE PROGRAM 2019-20

LIST OF PROJECTS APPROVED FOR ROUND 49 &50

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| Project Number: 992-4-R49 White Pine Silviculture due to Insolvency | |
| <i>Applicant:</i> | Westwind Forest Stewardship Inc. |
| <i>Forest:</i> | French Severn Forest |
| <i>Approved Funding:</i> | \$208,793.49 |
| <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. |
| Project Number: 993-2-R49 Pineland Forest Rehabilitation of Fire Damaged Plantations | |
| <i>Applicant:</i> | Pineland Timber Company |
| <i>Forest:</i> | Pineland Forest |
| <i>Approved Funding:</i> | \$257,108.90 |
| <i>Description:</i> | This project proposes to re-establish approximately 226 ha of plantations recently destroyed by the Tim02 Fire during the spring of 2019. This project will involve a combination of several silvicultural treatments over the next 3 AWS periods (i.e. 2020, 2021 & 2022). Silvicultural treatments required to re-establish plantations will include, tree growing, and planting, chemical site preparation and release tending. A combination of jack pine, black and white spruce will be re-established on the proposed treatment areas. |
| Project Number: 994-1-R49 Tolerant Hardwood Stand Improvement (2020-2023) | |
| <i>Applicant:</i> | Northshore Forest Inc. |
| <i>Forest:</i> | Northshore Forest |
| <i>Approved Funding:</i> | \$181,280.25 |
| <i>Description:</i> | The objective of this project is to significantly improve 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. |
| Project Number: 995-1-R49 White Pine Cleaning | |
| <i>Applicant:</i> | Northshore Forest Inc. |
| <i>Forest:</i> | Northshore Forest |
| <i>Approved Funding:</i> | \$189,388.00 |
| <i>Description:</i> | Four hundred and nineteen (419 ha) of regenerated white pine areas will be cleaned to release the white pine from competing vegetation over a three year period |
| Project Number: 996-4-R49 Seedling Production for Artificial Regeneration due to Insolvent Company | |
| <i>Applicant:</i> | Raynonier |
| <i>Forest:</i> | Martel Forest |
| <i>Approved Funding:</i> | \$7,478.10 |
| <i>Description:</i> | The purpose of this project is to recoup monies owed to the Martel Forest's Forest Renewal Trust Fund, due to the closure of Rentech in 2017. The recouped money would be put towards the sowing and/or delivery costs of the 2020 Martel Tree Plant. |
| Project Number: 997-2-R49 Renewing the Forest after Wildfire NOR070 | |
| <i>Applicant:</i> | Nipissing Forest Resource Management Inc. |
| <i>Forest:</i> | Nipissing Forest |
| <i>Approved Funding:</i> | \$8,681.38 |
| <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. |

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| | 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. |
| Project Number: 998-2-R49 Block 193 Salvage - Tend and Fill Plant | |
| <i>Applicant:</i> | Nipissing Forest Resource Management Inc. |
| <i>Forest:</i> | Nipissing Forest |
| <i>Approved Funding:</i> | \$53,527.87 |
| <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. |
| Project Number: 999-1-R49 Stand Improvement In White Pine Shelterwood Stands | |
| <i>Applicant:</i> | The Vermillion Forest Management Company Ltd. |
| <i>Forest:</i> | Sudbury Forest |
| <i>Approved Funding:</i> | \$220,350.00 |
| <i>Description:</i> | One manual tending treatment over a three year period will occur in white pine stands harvested under Uniform Shelterwood. Stands have been chosen that currently have a high white/red pine presence but low Pw/Pr dominance (i.e. not free of competition). All stands were harvested under regeneration cut stage of management between 1991 and 2004 either under previous management to the SFL, or early after the initiation of the SFL Company. |
| Project Number: 1000-2-R49 HO42 Burn Plant Project GCF | |
| <i>Applicant:</i> | Rayonier |
| <i>Forest:</i> | Gordon Cosens Forest |
| <i>Approved Funding:</i> | \$46,810.31 |
| <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. |
| Project Number: 1001-1-R49 The Temagami MU Stand Revitalization Project - Phase I | |
| <i>Applicant:</i> | MNR North Bay |
| <i>Forest:</i> | Temagami Forest |
| <i>Approved Funding:</i> | Pending approval |
| <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. |
| Project Number: 1002-0-R49 TFAI Seed Production Area | |
| <i>Applicant:</i> | Timiskaming Forest Alliance |
| <i>Forest:</i> | Timiskaming Forest |
| <i>Approved Funding:</i> | Not eligible |
| <i>Description:</i> | Establishment of a seed production area using four existing plantations at an age suitable for cone production and height to allow tree crown management from the ground. These sites will be selected from jack pine plantations established using tree improved stock from the NeSMA tree improvement program. This project is scheduled over a 2 year period, starting in the spring, 2020. This project will provide for the general collection seed requirements to support both the aerial seeding and planting program on the Timiskaming Forest |

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| | Management Unit and contribute a steady supply of improved seed until such time as the next generation seed orchards come online. |
| Project Number: 1003-2-R49 Jackpine Budworm Damage - Forest Renewal | |
| <i>Applicant:</i> | Red Lake Forest Management Company Ltd. |
| <i>Forest:</i> | Red Lake Forest |
| <i>Approved Funding:</i> | \$202,425.68 |
| <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). |
| Project Number: 1004-1-R49 Black Spruce Forest Stand Improvement | |
| <i>Applicant:</i> | Resolute Forest Products Canada Inc. |
| <i>Forest:</i> | Black Spruce Forest |
| <i>Approved Funding:</i> | \$169,125.68 |
| <i>Description:</i> | The project objective is to intensively improve spacing and composition of artificially renewed blocks through motor-manual methods. |
| Project Number: 1005-1-R50 Hardwood Stand Improvement | |
| <i>Applicant:</i> | Bancroft Minden Forest Company Inc. |
| <i>Forest:</i> | Bancroft Minden Forest |
| <i>Approved Funding:</i> | \$379,680.00 |
| <i>Description:</i> | Stand improvement initiatives in tolerant hardwood forests. These stand improvement treatments will promote shade tolerant and mid-tolerant tree species by removing competition, providing growing space, improving growth potential and increasing the quality of the residual stand. This treatment will most often be completed in conjunction with normal harvest operations but may occur post harvest or in areas not currently suitable for harvest as a way of improving crop trees and growth projections. Treatments may be conducted mechanically using a feller buncher or manually using chainsaws or brushsaws. |
| Project Number: 1006-3-R50 Control of Beech Regeneration | |
| <i>Applicant:</i> | Westwind Forest Stewardship Inc. |
| <i>Forest:</i> | French Severn Forest |
| <i>Approved Funding:</i> | \$258,487.50 |
| <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. |
| Project Number: 1007-2-R50 Remediation of Legacy Strip Cuts 2020-2023 | |
| <i>Applicant:</i> | Algonquin Forestry Authority |
| <i>Forest:</i> | Algonquin Park Forest (MU#45) |
| <i>Approved Funding:</i> | \$166,688.56 |
| <i>Description:</i> | Renewal of legacy strip cut areas from 1960-1980 where regeneration did not establish on high quality sites that historically have produced quality pine logs. Intensive management of the sites including site preparation and planting will restore these productive sites to pine forests. |
| Project Number: 1008-1-R50 Red Pine Pre-Commercial Thinning | |
| <i>Applicant:</i> | Bancroft Minden Forest Company Inc. |
| <i>Forest:</i> | Bancroft Minden Forest |
| <i>Approved Funding:</i> | \$42,714.00 |
| <i>Description:</i> | A pre-commercial first thinning treatment is proposed in even-aged red pine plantations on the Bancroft Minden Forest Management Unit (FMU). These candidate stands are approximately 25-35 years old and were established artificially after the last harvest. These sites are uniform in stand structure, species composition and |

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| | generally support low species diversity. An estimated 60% of the material on-site is below CFSA merchantability standards, and small piece size means and product would be of low value. Low product value combined with limited local markets significantly challenge commercial viability. |
| Project Number: 1009-1-R50 Manual Stand Improvement in Natural and Planted Conifer | |
| <i>Applicant:</i> | Nipissing Forest Resource Management Inc. |
| <i>Forest:</i> | Nipissing Forest |
| <i>Approved Funding:</i> | \$260,239.00 |
| <i>Description:</i> | Stand improvement using manual saws is planned to occur in a range of site conditions typical for the Nipissing Forest. Reducing the stocking of balsam fir below 20% is the goal of this project (and to a lesser degree hardwood species within aerial herbicide buffers). Primary crop trees for release is red and white pine. Mid-tolerant hardwoods will be maintained or increased. Stands will be chosen that currently have a high crop tree presence but low dominance. Up to three local First Nation forestry services companies may be contracted and trained by NFRM to manually cut competition in naturally established conifer stands or plantations associated with clearcut depletions. |
| Project Number: 1010-1-R50 Tending Previous FFT projects | |
| <i>Applicant:</i> | Nipissing Forest Resource Management Inc. |
| <i>Forest:</i> | Nipissing Forest |
| <i>Approved Funding:</i> | \$125,266.43 |
| <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. |
| Project Number: 1011-1-R50 Remediation of Degraded White Pine Shelterwood Stands | |
| <i>Applicant:</i> | Nipissing Forest Resource Management Inc. |
| <i>Forest:</i> | Nipissing Forest |
| <i>Approved Funding:</i> | \$347,186.85 |
| <i>Description:</i> | This project is designed to improve degraded white pine stands resulting from the incomplete application of the shelterwood system in the past. These PWUS stands are on predominately deep, well-drained soils. They received a regeneration cut approximately 15-20 years ago and now have high densities of 6-10 m tall red maple, poplar, birch, and balsam fir and little or no target species regeneration. Treatments will be applied after a removal cut. Aggressive mechanical site preparation to push down hardwood stems and balsam fir, followed by a chemical ground spray using an Air Blast sprayer to control herbaceous competition and to prepare the site for planting. This will lead to a PWUS forest instead of MW or PO forest in the future. |
| Project Number: 1012-1-R50 Tending Old Salvage Areas | |
| <i>Applicant:</i> | Nipissing Forest Resource Management Inc. |
| <i>Forest:</i> | Nipissing Forest |
| <i>Approved Funding:</i> | \$19,476.40 |
| <i>Description:</i> | Recent surveys have determined that 73.5 ha renewed after 2006-2008 salvage harvests in areas affected by the 2006 windstorm are in need of tending. These areas were never submitted to FFT for assistance and salvage rates only provided 26% of regular renewal rates. These areas have all been site prepared and planted and tended with RTF totaling between \$1100/ha to \$1800/ha to date. NFRM is requesting funding from the FFT to assist in paying approximately 53% of the tending cost. All blocks are managed under SGR's with PWUS as the future forest condition. |
| Project Number: 1013-1-R50 Tolerant hardwood Stand Improvement on the Algoma Forest 2020-2023 | |
| <i>Applicant:</i> | Clergue Forest Management Inc. |
| <i>Forest:</i> | Algoma Forest |
| <i>Approved Funding:</i> | \$1,017,000.00 |
| <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 |

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| | 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: 1014-2-R50 2018 Temagami Fires Regeneration Project | |
| <i>Applicant:</i> | MNRF North Bay District |
| <i>Forest:</i> | Temagami Forest |
| <i>Approved Funding:</i> | \$171,083.41 |
| <i>Description:</i> | The objective for this proposal is to successfully regenerate, with aerial seeding of jack pine and white pine, 1,315 hectares of productive Crown land on the Temagami Management Unit that was naturally depleted as a result of five separate fires in 2018. This included NOR # 19 and NOR # 61, which will be referred to as the Lady Evelyn Fires (Appendix I), and NOR #55, NOR #56 and NOR #69, which will be referred to as the Temagami Fires (Appendix I). These areas will be artificially regenerated to ensure adequate future stocking, secure future wood supply and assist in achieving forest management plan objectives of the Temagami Management Unit. |
| Project Number: 1015-1-R50 Pre commercial Thinning Project 2020 | |
| <i>Applicant:</i> | Timiskaming Forest Alliance Inc. |
| <i>Forest:</i> | Timiskaming Forest |
| <i>Approved Funding:</i> | \$271,200.00 |
| <i>Description:</i> | This project proposes pre-commercial thinning (PCT) of 600 hectares on predominately jack pine seeding areas. This project is scheduled over a three-year period, starting in April, 2020. The areas selected for PCT are consistent with the strategic direction of the approved 2011-2021 Forest Management Plan for the Timiskaming Forest. Additionally, projects such as this will continue to support and further develop economic opportunities for a First Nation's and First Nation contractors located within the Timiskaming Forest. |
| Project Number: 1016-0-R50 Abitibi River North Retreatment Project | |
| <i>Applicant:</i> | Abitibi Forest Management Inc. |
| <i>Forest:</i> | Abitibi River Forest |
| <i>Approved Funding:</i> | Not eligible |
| <i>Description:</i> | The objective of this project is to successfully re-treat 978 hectares of failed 2018 renewal areas in the northern section of the Abitibi River Forest. Due to several factors, both economical and environmental, the survival rate of the 2018 planting program on these sites has been found to be very low. Five blocks are to be retreated, including Sheldon 102, Sheldon 105, Avon 100, Avon 102 and Inglis 107 (Appendix 1). Black spruce and jack pine stock is to be planted on sites that are proximal to primary forest access roads or provincial highways. The black spruce sites consist of well drained calcareous lacustrine clay soils and the jack pine sites are well drained moderately rich silty sands. |
| Project Number: 1017-4-R50 Forest Renewal - Red Lake Forest | |
| <i>Applicant:</i> | Red Lake Forest Management Company |
| <i>Forest:</i> | Red Lake Forest |
| <i>Approved 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). |
| Project Number: 1018-1-R50 Boundary Waters Stand Improvement | |
| <i>Applicant:</i> | Resolute Forest Products Canada Inc. |
| <i>Forest:</i> | Boundary Waters Forest |
| <i>Approved Funding:</i> | \$46,556.00 |
| <i>Description:</i> | The objective of this project is to conduct motor-manual density regulation treatment on 210ha of artificially regenerated area on the English River Forest. |
| Project Number: 1019-1-R50 English River Stand Improvement 2020 | |
| <i>Applicant:</i> | Resolute Forest Products Canada Inc. |

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| <i>Forest:</i> | English River Forest |
| <i>Approved Funding:</i> | \$46,556.00 |
| <i>Description:</i> | The objective of this project is to conduct motor-manual density regulation treatment on 100 ha of jack pine artificially regenerated area. |
| Project Number: 1020-1-R50 English River Productive Land Recovery | |
| <i>Applicant:</i> | Resolute Forest Products Canada Inc. |
| <i>Forest:</i> | English River Forest |
| <i>Approved Funding:</i> | pending |
| <i>Description:</i> | The objective of this project is to reclaim productive land from i) operations during the 1980s to 1995 and ii) areas primarily left by the bankrupt overlapping licensee Buchanan Forest Products. Areas proposed to recover are debris piles, landing or pit areas where regeneration has not been established to full stocking form the historic and OLL operations. Planting spots will be created by a power trencher; planting will follow with a mix of black spruce and white spruce. |
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