

FFT SILVICULTURE PROGRAM 2022-23

LIST OF CLOSED PROJECTS

Project Number: 963-1-R47	
<i>Applicant:</i>	Westwind Forest Stewardship Inc.
<i>Forest:</i>	French Severn Forest
<i>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: 965-1-R47	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park Forest
<i>Funding:</i>	\$178,449
<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	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park Forest
<i>Funding:</i>	\$302,876
<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	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park Forest
<i>Funding:</i>	\$323,434
<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: 971-2-R47	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley Forest
<i>Funding:</i>	\$105,787
<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: 978-1-R48	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley Forest
<i>Funding:</i>	\$122,882
<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: 980-1-R48	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley Forest
<i>Funding:</i>	\$45,363
<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: 990-2-R48	
<i>Applicant:</i>	Greenmantle Forest Inc
<i>Forest:</i>	Lakehead Forest
<i>Funding:</i>	\$415,048
<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: 993-2-R49	
<i>Applicant:</i>	Pineland Timber Company
<i>Forest:</i>	Pineland Forest
<i>Funding:</i>	\$216,999
<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: 1004-1-R49	
<i>Applicant:</i>	Resolute Forest Products Canada Inc.
<i>Forest:</i>	Black Spruce Forest
<i>Funding:</i>	withdrawn
<i>Description:</i>	The project objective is to intensively improve spacing and composition of artificially renewed blocks through motor-manual methods.
Project Number: 1007-2-R50	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park Forest (MU#45)
<i>Funding:</i>	\$1103,713

<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: 1011-1-R50	
<i>Applicant:</i>	Nipissing Forest Resource Management Inc.
<i>Forest:</i>	Nipissing Forest
<i>Funding:</i>	\$304,089
<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: 1019-1-R50	
<i>Applicant:</i>	Resolute Forest Products Canada Inc.
<i>Forest:</i>	English River Forest
<i>Funding:</i>	\$26,346
<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: 1061-4-R51	
<i>Applicant:</i>	Miisun Integrated Resource Management Co.
<i>Forest:</i>	Kenora Forest
<i>Funding:</i>	\$204,501
<i>Description:</i>	This insolvency project consists of our annual slash pile burn being conducted by Miisun/Miitigoog for the fall/winter of 2020 and the 2021 tree plant. For slash pile burning, site conditions involve harvested blocks with piles of slash. Species being burned are mainly black spruce, jack pine, and poplar. For the tree plant, site conditions are harvested and mostly site prepped, with mostly black spruce and jack pine being planted. Approximately 1645 ha worth of blocks will have slash burned in the fall of 2020 and about 404 ha of that will be planted in the spring of 2021. This application is being submitted under Category 4: Insolvency. Prendiville Industries, owner of Kenora Forest Products, became insolvent and owes the Kenora Forest Renewal Trust account.
Project Number: 1057-2-R52	
<i>Applicant:</i>	Algonquin Forestry Authority
<i>Forest:</i>	Algonquin Park Forest
<i>Funding:</i>	\$9,825
<i>Description:</i>	This project will focus on the planting and regeneration of approximately 10 ha of red and white pine forest that was burned during wildfire APK-19 in the summer of 2019 on the Jocko Lake road, near Fays Lake in Algonquin. This project will focus on the planting and regeneration of approximately 10 ha of red and white pine forest

	that Park. The purpose of this project is to regenerate the area back into a productive pine stand.
Project Number: 1058-1-R52	
<i>Applicant:</i>	Nipissing Forest Resource Management
<i>Forest:</i>	Nipissing Forest
<i>Funding:</i>	\$693,278
<i>Description:</i>	Stand improvement using manual saws is proposed in a range of conifer forest units (White Pine Uniform Shelterwood and intensively managed clearcuts). Reducing the stocking of balsam fir below 20% is the objective of this project. Primary crop trees for release: red and white pine and spruce. 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 to complete the work. NFRM will provide assistance with training if required.
Project Number: 1060-2-R52	
<i>Applicant:</i>	Nipissing Forest Resource Management
<i>Forest:</i>	Nipissing Forest
<i>Funding:</i>	\$11,073
<i>Description:</i>	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 Sp/Bf in 2013-2014. FFT project # 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 tended using an aerial spray in 2017. However, 33.1 ha re-vegetated quickly after treatments and veg/snow press resulted in poor survival of Pr. FFT project # 998-2-R49 assisted in implementing a tending, mechanical site preparation, and replant on 19.8 ha. However, 11.2 ha had less than 10% survival and required a start over. NFRM performed a mechanical site preparation treatment in 2020. The project includes a chemical site preparation (2021) and replant (2022) to ensure renewal on this productive site.
Project Number: 1074-2-R52	
<i>Applicant:</i>	Greenmantle Forest Inc.
<i>Forest:</i>	Lakehead Forest
<i>Funding:</i>	\$22,768
<i>Description:</i>	This project involves the reestablishment of approximately 24 hectares of red pine plantation located approximately 6.5 km north of Shabaqua Corners. These plantations were established in 2002, 2006 and 2008. The project will reestablish the red pine plantations through direct planting without site preparation followed by ground based herbicide tending in August/September 2022.
Project Number: 1121-2-R53	
<i>Applicant:</i>	Boundary Waters Forest Management Corp.
<i>Forest:</i>	Boundary Waters Forest
<i>Funding:</i>	\$ 36,884

<i>Description:</i>	Forest fires in 2021 burnt two previously renewed areas on the Boundary Waters Forest. The project objective is to renew, by planting, these areas with a mix of jack pine and black spruce one-year over-winter container.
Project Number: 1122-2-R53	
<i>Applicant:</i>	Resolute FP Canada Inc.
<i>Forest:</i>	Dog River Matawin
<i>Funding:</i>	\$39,455
<i>Description:</i>	Fire in 2021 burnt tree young naturally regenerating hardwood areas. The site, prior to the fire had a component of residual mature and advanced regenerating white pine. The purpose of this project is to renew these fire areas by planting white and red pine with a mix of black and white spruce.
Project Number: 1124-2-R53	
<i>Applicant:</i>	Resolute FP Canada Inc.
<i>Forest:</i>	Black Spruce
<i>Funding:</i>	Project withdrawn by applicant
<i>Description:</i>	A blowdown event July 11, 2021 damaged almost 600 ha of approved harvest area on the Black Spruce Forest. The purpose of this project is to manage the unsalvageable wind-throw material remaining after salvage through cutting and piling. Slash piles able to be burnt will be burnt, and remaining unsalvageable downed woody debris left in the blocks will be windrowed. Where needed, further mineral exposure using an M42 Bracke will be done followed by a planting mix of black spruce, white spruce, and jack pine.
Project Number: 1130-2-R54	
<i>Applicant:</i>	Ottawa Valley Forest Inc.
<i>Forest:</i>	Ottawa Valley #542529
<i>Funding:</i>	\$39,537
<i>Description:</i>	A one-year project to perform aerial tending on a large area of planted red pine that was burned in the PEM-06 wildfire. This area was part of a previous project from Round 47, which was never fully completed, due to certain constraints. Tending by aerial application is being requested for this area to ensure the growth of planted trees from a previous Forestry Futures project. 173.7 hectares of the burned area was planted in 2019 with red pine. Due to AOC restrictions, we will perform aerial tending on 128 hectares of planted area.
Project Number: 1143-3-R54	
<i>Applicant:</i>	2022 Northeast Region Spruce Budworm Insect Pest Management Program
<i>Forest:</i>	NE Region: Pineland, Abitibi River, Gordon Cosens, Timiskaming, and Romeo Malette Forests
<i>Funding:</i>	\$5,650,000
<i>Description:</i>	The 2020 annual aerial detection survey for spruce budworm (<i>Choristoneura fumiferana</i> Clemens) conducted by NDMNRF identified 442,000 hectares of moderate to severe defoliation in forest management units across the northeast region. The area of defoliation has grown significantly to approximately 1.3 million hectares in 2021, spanning a much larger geographic area within all 9 districts of the Northeast Region (NER). Though not expected to maintain a growth rate at

over 300% year to year, this does highlight the potential significant impacts in the current infested areas and future expansion of Spruce Budworm. In order to mitigate the economic, safety and social impacts presented by the current expansion of the budworm infestation, an Insect Pest Management Program (IPMP) has been developed for 2022 and the approved 2022 Spruce Budworm IPMP for the Abitibi River Forest (Cochrane District), Gordon Cosens Forest (Hearst District), Pineland Forest (Chapleau District), Romeo Malette Forest (Timmins District), and Timiskaming Forest (Kirkland Lake District) was revised into their respective Annual Work Schedules. The 2022 Spruce Budworm IPMP identifies the use of Insecticides as the preferred management option. This will involve a double (X2) aerial application of the biological insecticide, *Bacillus thuringiensis* var. *kurstaki* (Btk) on approximately 100,000 hectares of Crown managed forest. The product to applied is Foray 76B, a water-based insecticide manufactured by Valent BioSciences registration number #24976.