FFT SILVICULTURE PROGRAM:

LIST OF APPROVED PROJECTS IN 2022-2023 ROUND 55 AND 56

Project Number: 1144-2-R55 Limerick Blowdown Restoration	
Applicant:	Bancroft Minden Forest Company Inc.
Forest:	Bancroft Minden Forest
Approved Funding:	$272,962.80
Description:	A significant wind event resulted in blowdown in Limerick Twp., affecting 230Ha. This occurred on a prime red pine site with good access from a township road. Salvage operations intend to utilize all merchantable timber on site that was impacted by the blowdown event. The intent of this project is to fully regenerate this site to red pine, through mechanical and chemical site preparation and artificial regeneration.
Project Number**:** 1145-1-R55 OVF Pine Restoration	
Applicant:	Ottawa Valley Forest Inc.
Forest:	Ottawa Valley Forest
Approved Funding:	$303,857.00
Description:	A three year project to renew stands degraded by historic management practices 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 metres in height and 6-20 centimetres in diameter.
Project Number**:** 1146-1-R55 OVF Red Oak Restoration	
Applicant:	Ottawa Valley Forest Inc.
Forest:	Ottawa Valley Forest
Approved Funding:	$189,840.00
Description:	A three-year project to renew stands located in the Madawaska Highlands that have been degraded by historic management practices to red oak. These sites contains enough overstory stocking to maintain the uniform shelterwood system, though they have a high presence of undesirable midstory and understory competition that will prevent the success of red oak renewal. The sites are regenerating to red maple, ironwood, balsam fir and poplar which are eliminating any red oak regeneration.
Project Number**:** 1147-1-R55 Stand Improvement in GLSL Partial Cut Management Stands	
Applicant:	Westwind Forest Stewardship Inc.
Forest:	French-Severn Forest
Approved Funding:	$1,027,170.00
Description:	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: 1148-1-R55 Tolerant Hardwood Stand Improvement on the Algoma Forest 2023-2025	
Applicant:	Clergue Forest Management Inc. in cooperation with Boniferro Mill Works and Midway Lumber Mills Ltd.
Forest:	Algoma Forest
Approved Funding:	$508,500.00
Description:	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.

	This treatment is an integral part of selection and shelterwood harvesting in tolerant hardwood forest units.
Project Number: 1149-1-R55 Stand Improvement In White Pine Shelterwood Stands	
Applicant:	The Vermilion Forest Management Company Ltd.
Forest:	Sudbury Forest
Approved Funding:	$369,094.84
Description:	One manual tending treatment over a two year period 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. Emphasis on hiring First Nation manual saw contractors to brushsaw and/or chainsaw sapling and mid-story non-crop conifer (352 ha).
Project Number: 1150-1-R55 Restoration of Degraded White Pine Shelterwood Stands	
Applicant:	Nipissing Forest Resource Management Inc.
Forest:	Nipissing Forest
Approved Funding:	$369,094.84
Description:	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 15-30 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 is prescribed to push down hardwood stems and balsam fir, followed by a chemical site preparation to control herbaceous competition. Sites will be planted to ensure that regeneration standards can be met in a timely fashion. This will lead to a PWUS forest instead of MW or PO forest in the future. Total area 377.4 ha.
Project Number: 1151-1-R55 Tend Previous FFT projects	
Applicant:	Nipissing Forest Resource Management Inc.
Forest:	Nipissing Forest
Approved Funding:	$55,621.67
Description:	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 regeneration standards for the PWUS forest unit. All blocks are managed under SGR's with PWUS as the future forest condition. Total Area: 319 ha
Project Number: 1152-1-R55 Manual Stand Improvement in Natural and Planted Conifer	
Applicant:	Nipissing Forest Resource Management Inc.
Forest:	Nipissing Forest
Approved Funding:	$309,168.00
Description:	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. Total Area: 500 ha.
Project Number: 1153-2-R55 Rehabilitation of Spruce Budworm Salvaged Area	
Applicant:	Nipissing Forest Resource Management Inc.
Forest:	Nipissing Forest
Approved Funding:	$24,794.27
Description:	Repetitive spruce budworm infestations have occurred in northeast zone of the Nipissing Forest. Within this zone, an allocated harvest block was harvested in 2019 and a 12.2 ha portion dominated by white spruce and balsam fir was salvaged. Scheduled intensive renewal

	treatments include ground chemical site preparation, followed by tree planting. NFRM has mechanically site prepared this site in 2022. Total Area: 12.2 ha.
Project Number: 1154-2-R55 Blowdown Salvage - Renewal	
Applicant:	Red Lake Forest Management Company Inc.
Forest:	Red Lake Forest
Approved Funding:	$57,579.23
Description:	A violent blowdown occurred in September 2019. As a result, this area was salvaged harvested in 2020. It is located close to the town of Red Lake, on productive soils surrounded by small lakes. In this project, area will feature artificial renewal of the conifer dominated area across 192 hectares. Treatments will include site preparation, and planting of typical conifer species (ie. black spruce, jack pine,white spruce, and red pine) and subsequent herbicide application
Project Number: 1155-2-R55 Lawrence Lake Blowdown Renewal	
Applicant:	Boundary Waters Forest Management Corporation
Forest:	Boundary Waters Forest
Approved Funding:	$649,750.00
Description:	A large blowdown event (tornado) occurred in June of 2020 south of Lawrence Lake. A portion of the damaged area will be renewed to productive forest through a prescribed burn site preparation treatment and a combination of artificial and natural regeneration.
Project Number: 1156-1-R56 Algonquin Park Manual Tending	
Applicant:	Algonquin Forestry Authority
Forest:	Algonquin Forest
Approved Funding:	$471,775.00
Description:	Manual tending of previously harvested stands in the Algonquin Park Forest. Brushsaws will be used to remove competing vegetation such as poplar, red maple, balsam fir, and others from around planted or naturally regenerating pine and other crop tree species. This project will help to increase the level of "free to grow" stands across Algonquin Park, while also helping to address predicted wood supply shortages in the future.
Project Number: 1157-1-R56 Remediation of Legacy Strip Cuts 2023-26	
Applicant:	Algonquin Forestry Authority
Forest:	Algonquin Forest
Approved Funding:	$399,737.50
Description:	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 to productive pine forests.
Project Number: 1158-1-R56 Pre-Commercial Thinning and Tending of 1999 Blowdown	
Applicant:	Algonquin Forestry Authority
Forest:	Algonquin Forest
Approved Funding:	$162,155.00
Description:	Pre-commercial thinning and tending of 250ha that was salvaged after a windstorm in 1999. The treatment areas were planted with white pine (Pw) and red pine (Pr) in 2000-2002. Some areas planted with Pw were infested with white pine weevil and as a result have very poor form. This treatment will focus on removing stems with heavy branching and poor form as well as competing hardwoods to release high quality Pw/Pr.
Project Number: 1159-2-R56 Algonquin Park 2013 Blowdown Tending II	
Applicant:	Algonquin Forestry Authority
Forest:	Algonquin Forest
Approved Funding:	$261,877.50
Description:	Manual cleaning of regeneration in areas damaged by blowdown in the summer of 2013. Brushsaws will be used to remove competing vegetation such as poplar, red maple, balsam fir,

	and others from planted or naturally regenerating pine and other crop tree species. The proposed project follows up on areas that received treatments as part of several previous Forestry Futures projects, and will help to increase the level of "free to grow" stands in the eastern portion of the Algonquin Park Forest, while also helping to address predicted wood supply shortages in the future.
Project Number: 1160-1-R56 OVF Even-Aged Stand Tending	
Applicant:	Ottawa Valley Forest Inc.
Forest:	Ottawa Valley Forest
Approved Funding:	$74,919.00
Description:	Stands established with previous Forestry Futures funding will be receive chemical and manual tending to successfully achieve renewal standards within their respective forest units. The target regeneration in these stands will primarily be White Pine, Red Pine and Red Oak.
Project Number: 1161-1-R56 Hardwood Stand Improvement	
Applicant:	Bancroft Minden Forest Company Inc.
Forest:	Bancroft Minden Forest
Approved Funding:	$569,520.00
Description:	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 brush saws.
Project Number: 1162-2-R56 Cashel Blowdown Restoration Block 36	
Applicant:	Bancroft Minden Forest Company Inc.
Forest:	Bancroft Minden Forest
Approved Funding:	$37,404.36
Description:	A significant wind event resulted in blowdown in Cashel Township. This occurred on a prime pine site with good access from a township road. Salvage operations intend to utilize all merchantable timber on site that was impacted by the blowdown event. The intent of this project is to fully regenerate this site to red or white pine, through mechanical and chemical site preparation followed by artificial regeneration.
Project Number: 1163-1-R56 Red Pine Pre-Commercial Thinning	
Applicant:	Bancroft Minden Forest Company Inc.
Forest:	Bancroft Minden Forest
Approved Funding:	$48,832.95
Description:	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 generally support low species diversity.
Project Number: 1164-2-R56 Shallow River Renewal Project - Phase 4	
Applicant:	Timiskaming Forest Alliance Inc.
Forest:	Timiskaming Forest Alliance Inc.
Approved Funding:	$1,027,936.14
Description:	In keeping with the Phase I, II & III components of the Shallow River Renewal Project, the objective for Phase IV is to intensively renew 600 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: 1165-0-R56 Timiskaming Forest Prescribed Burn Trial	
Applicant:	Timiskaming Forest Alliance Inc.
Forest:	Timiskaming Forest
Approved Funding:	Not eligible
Description:	The project will identify multiple candidate sites with MNRF Fire for a prescribed burn as silvicultural treatment, targeting sites with heavy conifer slash, distributed across the cutover following a cut-to-length harvest (common on the Timiskaming Forest). During this project, excavator/bulldozer will be utilized to establish strategic fire breaks within the harvest site(s). The burn will be conducted under suitable weather conditions, having multiple sites over a larger area may facilitate greater success for suitable weather for controlled burning. Results will be monitored, and seeding will be considered in areas without sufficient regen of spruce and pine.
Project Number: 1166-0-R56 Timiskaming Forest herbicide alternative trial	
Applicant:	Timiskaming Forest Alliance Inc.
Forest:	Timiskaming Forest
Approved Funding:	Not eligible
Description:	The objective of this project is to utilize mechanical mulching equipment as an alternative to herbicides as a technique to improve the re-establishment of conifer following the harvest of Boreal mixedwood forest types. The goal is to target the use of mulching equipment on fine textured, competitive soils with duff/thin organics, with limited bedrock/boulders. Selected 'pockets' within the harvest site will be treated where mulching equipment will be operationally productive. Conifers will be planted in site-prepared areas, species selection based on soils and light levels, White spruce is expected to be the preferred choice. The sites for this project have yet to be selected, but will be done prior to implementation, and this information will be provided to the FFTC.
Project Number: 1167-0-R56 Kabinakagami Lake enhancement project	
Applicant:	Hornepayne Lumber LP with FRMG
Forest:	Nagagami Forest
Approved Funding:	Not eligible
Description:	This purpose of this project is to treat 699 ha (685 ha net) of area harvested between 2013 and 2018. These areas were regenerated naturally; however aerial ocular surveys indicate the regenerated stems are exhibiting poor vigor, low stocking, and an unideal spatial distribution (i.e., sparse or highly clumped). There are two block, 1409 and 1502, which had low volumes prior to harvest, and qualify on category 1e of FFTF funding. The remaining blocks are currently low-stocked regenerating stands, and may qualify for category 1f of FFTF funding
Project Number: 1168-1-R56 Black Cherry Release	
Applicant:	Clergue Forest Management Inc.
Forest:	Algoma Forest
Approved Funding:	$3,955.00
Description:	Abundant black cherry regeneration and polewood is competing heavily with sugar maple on a small site (< 1ha). Project intent is brush saw release of black cherry from non-merchantable maple competition. An experienced tree-marker and woodlot manager will be employed. Intent is to create large release areas (up to 30m) around young regeneration, where a positive growth response can be anticipated, and smaller release areas (15m +/-) around saplings, polewood, and seed-trees where a lesser growth response can be expected and where there is concern around creating a shock effect from over-release.
Project Number: 1169-1-R56 Tolerant Hardwood Stand Improvement 2023-26	
Applicant:	Northshore Forest Inc.
Forest:	Northshore Forest
Approved Funding:	$172,890.00
Description:	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 of undesirable growing stock (trees) thereby allowing stand health and quality to improve in the shortest possible time.
Project Number: 1170-1-R56 White Pine Cleaning	
Applicant:	Northshore Forest Inc.
Forest:	Northshore Forest
Approved Funding:	$103,392.18
Description:	In this project, 305 ha of regenerated white pine areas will be cleaned to release the white pine from competing vegetation over a three-year period.
Project Number: 1171-1-R56 White Pine Uniform Shelterwood Stand Management	
Applicant:	Northshore Forest Inc.
Forest:	Northshore Forest #542522
Approved Funding:	$138,312.00
Description:	The objective of this project is to improve the silvicultural success of White Pine Uniform Shelterwood stands on the Northshore Forest.
Project Number: 1172-2-R56 Three Rivers Claybelt Remediation - Phase3	
Applicant:	Abitibi River Forest Management In with FRMG
Forest:	Abitibi River Forest
Approved Funding:	$1,195,088.00
Description:	This project is a continuation of Phase 2 (successfully completed in 2017). The objective of this project is to continue to intensively renew 600 hectares of poorly regenerating stands within the Abitibi River Forest. These sites were impacted by a multi-year forest tent caterpillar infestation and, as a result, have failed to meet silviculture ground rules following harvest. These sites are highly productive, calcareous lacustrine clay soils or rich silty loams that were mostly dominated by trembling aspen. These sites will require an intensive treatment consisting of shear blading and planting black and white spruce container stock as well as an additional herbicide treatment.
Project Number: 1173-2-R56 Lofty Davies Stand Remediation Project - Phase 2	
Applicant:	Greenmantle Forest Inc.
Forest:	Lakehead Forest
Approved Funding:	$396,567.29
Description:	The proposed project involves the remediation of 400 hectares of low stocked, spruce budworm damaged forest along the west side of the Black Sturgeon River. Access to the project area is via the Lofty Davies primary road, near the Town of Nipigon. This is a Phase 2 Project. The slash and woody debris that was deliberately left for burning purposes, and limited mineral soil exposure from winter harvest operations (that the prescribed fire would have addressed), are impeding the ability to re-establish a conifer forest through tree planting. Therefore, this project is proposed to complete the planned forest remediation work through mechanical site preparation/wood debris management in 2023; followed by tree planting in 2024.
Project Number: 1174-2-R56 Boreal Road Low-Volume Mixedwood Forest Remediation Project	
Applicant:	Greenmantle Forest Inc.
Forest:	Lakehead Forest
Approved Funding:	$78,005.21
Description:	The proposed project involves the remediation of 34.5 hectares of low-stocked, low-volume mixedwood forest growing on a shrub-rich, productive site on the Lakehead Forest. The project will involve harvesting the forest stands with financial assistance to the harvester; then converting the site to a jack pine-dominated forest through mechanical site preparation and tree planting
Project Number: 1175-2-R56 FOR26 Fire Renewal	
Applicant:	Boundary Waters Forest Management Corp /Resolute
Forest:	Boundary Waters

Approved Funding:	$10,848.00
Description:	In 2021, forest fire 'FOR26' burnt an area previously planted on the Boundary Waters Forest. The project objective is to renew, by planting, this area with a mix of white pine, jack pine, and black spruce one-year overwinter container stock in the spring of 2023.
Project Number: 1176-1-R56 Boundary Waters Manual Cleaning 2023	
Applicant:	Boundary Waters Forest Management Corp /Resolute
Forest:	Boundary Waters
Approved Funding:	$56,500.00
Description:	The project objective is to improve the growth of conifer crop trees in regenerating stands by releasing the crop trees using a motor-manual cleaning treatment. Manual cleaning, a tending treatment, is proposed for a 64 ha renewed area on the Boundary Waters Forest. The project area was harvested in 2021, mechanically site prepared the same year, and planted in 2022. Significant hardwood competition has resulted since harvest, and cleaning of the site is required.
Project Number: 1177-1-R56 Black Spruce Forest Manual Cleaning 2023	
Applicant:	Resolute Forest Products Canada Inc.
Forest:	Black Spruce Forest
Approved Funding:	$56,500.00
Description:	The project objective is to improve the growth of conifer crop trees in regenerating stands by releasing the crop trees using a motor-manual cleaning treatment. The young planted or seeded stands identified for the project contain a detrimental level of competing vegetation. Motor-manual cleaning is proposed on 100 ha to release the artificially renewed conifer area."
Project Number: 1178-1-R56 Caribou Forest Manual Cleaning 2023	
Applicant:	Resolute Forest Products Canada Inc.
Forest:	Caribou Forest
Approved Funding:	$56,500.00
Description:	The project objective is to improve the growth of conifer crop trees in regenerating stands by releasing the crop trees using a motor-manual cleaning treatment. The young planted or seeded stands identified for the project contain a detrimental level of competing vegetation. Motor-manual cleaning is proposed on 100 ha to release the artificially renewed conifer area.
Project Number: 1179-3-R56 Northeast Region 2023 Spruce Budworm Insect Pest Management Program	
Applicant:	MNRF, Northeast Region
Forest:	MNRF, Northeast Region
Approved Funding:	$5,650,000.00
Description:	The 2022 annual aerial detection survey for spruce budworm (Choristoneura fumiferana Clemens) conducted by MNRF identified about 2 million hectares of moderate to severe defoliation in forest management units across the northeast region. This is a significant increase from the 442,000 hectares identified in the 2020 survey and has contributed to about 58,000 cumulative hectares of mortaility. 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 2023 and the approved 2023 Spruce Budworm IPMP for the Abitibi River Forest (Hearst Cochrane Kapuskasing District), Gordon Cosens Forest (Hearst Cochrane Kapuskasing District District), Pineland Forest (Chapleau Wawa District), Romeo Malette Forest (Timmins Kirkland Lake District), Timiskaming Forest (Timmins Kirkland Lake District), and Spanish Forest (Sudbury District) was appended into their respective Annual Work Schedules. The 2023 Spruce Budworm IPMP identifies the use of insecticides as the preferred management option. This will involve a double (X2) aerial application of Foray 76B (registration no. 24976), a water-based insecticide manufactured by Valent BioSciences . Bacillus thuringiensis var. kurstaki (Btk) is the active ingredient in the insecticide.