

**Date: May 26<sup>th</sup>, 2023**

**P.E.I.  
Public Forests**



**Woodlot Management Plan**

**Property Number: 66019**

**Location: Wellington Centre**

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## Goals and Management Objectives

***Forest Management on Prince Edward Island (P.E.I.) means different things to different people. Public Forest Lands are managed for a variety of reasons including timber and non- timber values, wildlife enhancement, soil and water preservation, demonstration techniques, training and recreation and aesthetics.***

The primary goal for management of P.E.I. Public Forest Land is to enhance the overall forest quality. To accomplish this, it may be necessary to remove some of the lower quality trees on the property and nurture those of higher quality. This will in turn improve genetic quality, species distribution and diversity through careful tree selection and natural regeneration. Allowing acceptable growing stock the chance to thrive and provide a seed source for the surrounding areas will ensure that quality natural regeneration has an opportunity to establish. Enhancement or enrichment planting may be necessary in areas where there is inadequate or unsuitable natural regeneration. Trees native to P.E.I. that are suitable to the site conditions will be chosen for any required reforestation on the property. Prescribing treatments in some stands while leaving others untreated will provide for a range of forest types. Converting stands from a single species to multiple species is desirable. This can be accomplished by retaining some of the natural regeneration in areas that have been previously planted and by planned tree selection in stand improvement treatments. Planted and natural stands on the property will be assessed for health and growth of desired species on an on-going basis. This information will be used to determine when and where future treatments will be carried out. Through time, a favourable healthy mixture of short-lived and long-lived species will provide for an abundance of quality forest products, biodiversity, wildlife, and recreational opportunities as well as a range of ecological goods and services (such as clean air and water).

## **Property Overview**

### **Location**

Property # 66019 is located on Maple Leaf Ln., an extension of Route #179, in the community of Wellington Centre, P.E.I., (Appendix A). The total area of this property is 60.7 hectares (150 acres) and the midpoint of the property is Latitude N 46.472163 decimal degrees, Longitude W -63.963154 decimal degrees.

### **Past Information**

Local records and previous aerial photography show that portions of this property were used for agricultural purposes early in the 20<sup>th</sup> century. To better illustrate this, older photography from 1935 (Appendix B) shows fields for agriculture along the west side of the property, south central portion of the property and an irregular shaped field to the Northeast. This field to the Northeast was already abandoned prior to 1935 and was regenerating as forest. Structures are also evident in the Southwest portion of the land. An old foundation hole was also found in a Red Pine plantation during a woodlot walk. The main portion of the woodland to the South and East of the property appears to have very low densities, possibly from an old fire.

By 1968 more of the agricultural fields were forested, as can be seen in the 1968 photography in Appendix C. Three fields remained at that time, a small abandoned field (1.3 ha) in the Northwest corner of the property to the North of the stream, a larger field to the South of the stream in the Northwest portion of the property (6.6 ha) and the third small field (1.1 ha) in the Southwest corner of the property adjacent to the River. Some patches of tree harvesting can also be noted in the wooded portion in 1968.

## **Property Information**

The information in Appendix D has been taken from the 2010 Corporate Land Use Inventory. An explanation of forestry code meanings can be seen in Appendix E. Any stands that have proposed silvicultural treatment prescriptions are to have on-ground stand assessments completed prior to any work being started. This on-ground assessment information is included in this plan as updated stand tally sheets (Appendix F) and supplements the extrapolated data where applicable. A topographic map of the property shows the general terrain profile, the ranges in elevation and the plantations currently on the property (Appendix G).

## **Wetland and Watercourses**

This property is located on a point of land extending into the Grand River. The Smelt River is found to the North of the property flowing east/west. It feeds into the pond at Camp Tamawaby and then empties into salt water as it enters the Grand River. Two small unmarked streams (\*as defined by Environmental legislation) were also discovered to the northwest of the property feeding into the Smelt River. To the Southern end of the property, the Grand River bounds this property. Salt marshes are found adjacent to the water's edge to the East and South of the property.

This observation can be viewed in Appendix A.

## **Property Access**

Access to this property is obtained through approximately 2.0 km of class 1 woods road that consists of a short entrance road and two loops that are attached. The road is a quality access point. Surface form and conditions are good. There is some Gray Birch and Alder (2.0 m height) regenerating along the road. Ongoing road maintenance will be required to keep the road in a useable condition. This will include keeping the right-of-way clear of any brush or trees, repairing rutting on the road, repairing

any wet areas that restrict access, and any other maintenance required to keep these roads usable. Existing roads on the property can be seen on Appendix A.

### **Property Boundaries**

This property is bounded on the south, east and portions of the North by the Grand River and its' tributary. The Western boundary is found adjacent to private land. The Northwestern corner now bounds on adjacent forest land owned by the province.

### **Fire Protection**

This property is located within the jurisdiction of the Wellington Fire Department. The amount of personnel and equipment used to fight any forest fires will depend greatly upon the size and severity of the fire. Protection of our woodland from forest fire is the responsibility of the Forests, Fish and Wildlife Division and our local community fire brigades. In the Western District, there are four-wheel drive forestry fire trucks housed at the Wellington and West Point Fire Departments. These heavy-duty trucks are available to assist the local fire department responsible for this area. Additional forestry fire trucks, off road tracked vehicles, portable pumps and specialized forest fire suppression equipment are available if needed. A stream that flows through the middle of the property would be a suitable site to setup a portable fire pump system.

### **Planting and Silviculture**

There are 25 plantations on the property. It is recommended that any trees planted on the property be assessed at regular intervals. These assessments will determine if the planted trees require manual maintenance or fill planting as specified in the ECOSYSTEM-BASED FOREST MANAGEMENT

STANDARDS MANUAL (“Eco Manual”). A list of all silviculture treatments completed on the property from 1991 to present is shown in Appendix H.

### **Proposed Treatments**

The 2006 Forest Policy “Moving to Restore a Balance in Island Forests” lays out the framework for Public Land Forest management. The Eco-Manual provides details for prescribed treatments. All work completed on this property must comply with that manual. Although all stands were assessed, only specific stands were prescribed treatments to accomplish goal(s) within the next 10 years. Table 1 provides a summary of these proposed treatments. Proposed treatments may be updated in 5 years, when the 10-year period expires, or due to unforeseen events. This table will be updated as required when additional treatments are prescribed. For a better understanding of the treatments prescribed, a more detailed explanation is available in the ECOSYSTEM-BASED FOREST MANAGEMENT STANDARDS MANUAL (“Eco Manual”)

[www.princeedwardisland.ca/sites/default/files/publications/2018\\_eco\\_manual\\_technical\\_version\\_-\\_final.pdf](http://www.princeedwardisland.ca/sites/default/files/publications/2018_eco_manual_technical_version_-_final.pdf) . Any additional information may be obtained by contacting a Provincial Forest

representative at the District Forestry Office in Wellington.

**Table 1. Proposed Treatment Summary.**

Stand Number and Plantation Number	Treatment Type	Treatment Year	Amount Proposed	2018 Eco-Manual Reference	Comments	Goals
0481271, PN3871671	Block Harvest	2023	2.6	Pg. 30	Emergency salvage of wood from hurricane Fiona.	Salvage wood.
0481023, PN3180091	Manual Maintenance	2023	0.36	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.
0481229, PN3210151	Manual Maintenance	2023	1.01	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.
0481005, PN3180094	Manual Maintenance	2023	0.7	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.
0481311, 0481294, PN3901621	Manual Site Preparation & Reforestation	2023	1.7	Pg. 14 & Pg. 16	This was an emergency harvest of blowdown old field WS from hurricane Fiona. Create microsites for planting and plant with tree species suitable for the site. Could plant WS, BS, LA, WP or WA.	Regenerate a biodiverse forest stand.
0481002	Manual Site Preparation & Reforestation	2023	0.7	Pg. 14 & Pg. 16	This was an emergency harvest of BS blowdown from hurricane Fiona. Create microsites for planting and plant with tree species suitable for the site. Could plant WS, BS, LA, WP or WA.	Regenerate a biodiverse forest stand.
0481057, PN3180093	Manual Maintenance	2023	0.51	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.



0481002 S	Block Harvest	2024	2.3	Pg. 30	As some blowdown is present in the stand, monitor for significant stand decline yearly and Block Harvest while wood can still be salvaged.	Salvage wood.
0481002 S	Manual Site Preparation & Reforestation	2024	2.3	Pg. 14 & Pg. 16	Create microsites for planting and plant with tree species suitable for the site. Could plant BS, JP, WP, LA or WA.	Regenerate a biodiverse forest stand.
0481271, PN3871671	Manual Site Preparation & Reforestation	2024	2.6	Pg. 14 & Pg. 16	Create microsites for planting and plant with tree species suitable for the site. Could plant WS, BS, JP, WP, LA or WA.	Regenerate a biodiverse forest stand.
0481023, PN3180092	Manual Maintenance	2024	1.5	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.
0481023, PN3180096	Manual Maintenance	2024	0.18	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.
0481274, PN3871672	Block Harvest	2024	0.93	Pg. 30	LA blowdown present in stand.	Salvage wood.
0481274, PN3871672	Manual Site Preparation & Reforestation	2024	0.93	Pg. 14 & Pg. 16	Create microsites for planting and plant with tree species suitable for the site. Could plant BS, WP, LA or WA.	Regenerate a biodiverse forest stand.
0481057, PN3180095	Manual Maintenance	2024	0.3	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.
048272, PN3990111	Commercial Thinning	2024	1.64	Pg. 26	NS stand with declining live crown. Commercial thin to improve growing conditions of crop trees.	Improve growth of crop trees while salvaging some wood in the process.
0481228, PN3851633, PN3851631	Block Harvest	2024	0.34	Pg. 30	Monitor for signs of stand collapse or blowdown, if excessive block harvest.	Salvage wood.

0481228, PN3851633, PN3851631	Manual Site Preparation & Reforestation	2024	0.34	Pg. 14 & Pg. 16	Create microsites for planting and plant with tree species suitable for the site. Could plant BS, WS, WP, JP or WA.	Regenerate a biodiverse forest stand.
0481023	Strip Harvest	2024	2.3	Pg. 30	Overstory is over mature to mature. Could do a strip harvest to protect advanced regeneration and leave some legacy trees (overstory removal).	Salvage wood and release understory.
0481023	Manual Site Preparation & Reforestation	2024	2.3	Pg. 14 & Pg. 16	Create microsites for planting and plant with tree species suitable for the site. Could plant BS, WS, WP, or WA.	Regenerate a biodiverse forest stand.
0481272, PN3210152	Manual Maintenance	2024	1.35	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.
0481555, PN3990111	Commercial Thinning	2024	1.01	Pg. 26	Commercial thin to improve growing conditions of crop trees.	Improve growth of crop trees while salvaging some wood in the process.
0481054 W	Manual Maintenance	2024	2.8	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.
481054 W	Fill Plant	2024	2.8	Pg. 16	Site has not been planted (natural regeneration), may want to add tolerant hardwoods after a maintenance to add species diversity.	Increase species richness.
0481293, PN3220042	Manual Maintenance	2025	1.64	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.
048993, PN3980061	Commercial Thinning	2025	4.71	Pg. 26	Commercial thin to improve growing conditions of crop trees.	Improve growth of crop trees while salvaging some wood in the process.
048994, PN3980071	Commercial Thinning	2025	3.67	Pg. 26	Commercial thin to improve growing conditions of crop trees.	Improve growth of crop trees while salvaging some wood in the process.

0481311, 0481294, PN3901621	Manual Maintenance	2026	1.7	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.
0481002	Manual Maintenance	2026	0.7	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.
0481002 S	Manual Maintenance	2027	2.3	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.
0481271, PN3871671	Manual Maintenance	2027	2.6	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.
0481274, PN3871672	Manual Maintenance	2027	0.93	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.
0481228, PN3851633, PN3851631	Manual Maintenance	2027	0.34	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.
0481023	Manual Maintenance	2027	2.3	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.
0481270, PN3851632	Block Harvest	2029	0.23	Pg. 30	Monitor for signs of stand collapse or excessive blowdown as stand is exposed to wind from field edge. Block Harvest to salvage if necessary.	Salvage wood.
0481270, PN3851632	Manual Site Preparation & Reforestation	2029	0.23	Pg. 14 & Pg. 16	Create microsites for planting and plant with tree species suitable for the site. Could plant WS, BS, JP, WP, LA or WA.	Regenerate a biodiverse forest stand.
0481273, PN3892191	Block Harvest	2030	0.47	Pg. 30	Monitor for signs of stand collapse or blowdown, if excessive block harvest.	Salvage wood.
0481273, PN3892191	Manual Site Preparation & Reforestation	2030	0.47	Pg. 14 & Pg. 16	Create microsites for planting and plant with tree species suitable for the site. Could plant WS, BS, LA, WP, JP, RO or WA.	Regenerate a biodiverse forest stand.

0481294, PN3901621	Block Harvest	2030	0.3	Pg. 30	Monitor BF stand for signs of stand collapse, disease or blowdown, if excessive block harvest.	Salvage wood.
0481294, PN3901621	Manual Site Preparation & Reforestation	2030	0.3	Pg. 14 & Pg. 16	Create microsites for planting and plant with tree species suitable for the site. Could plant WS, BS, WP or WA.	Regenerate a biodiverse forest stand.
0481270, PN3851632	Manual Maintenance	2032	0.23	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.
0481273, PN3892191	Manual Maintenance	2033	0.47	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.
0481294, PN3901621	Manual Maintenance	2033	0.3	Pg. 17	Eliminate undesirable competing vegetation.	Improve growth of crop trees.

## **Appendices**

**PROPERTY 66019 WELLINGTON**

Map showing land parcels, wetlands, rivers, and streams. The map includes a legend, a north arrow, and an inset map of the region.

**Legend:**

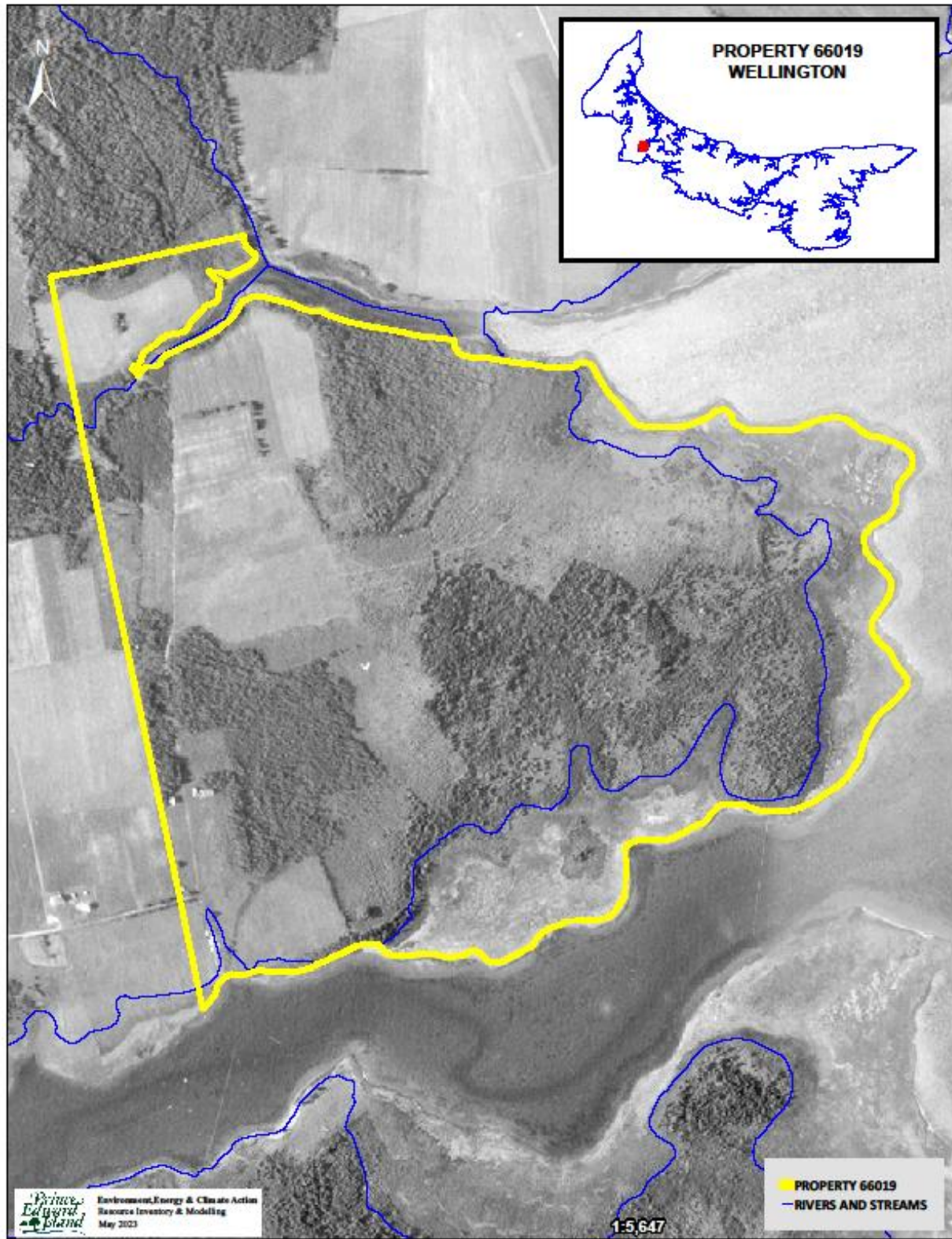
- PROPERTY 66019 (Yellow outline)
- PROPERTY (Black outline)
- CLUI (Black outline)
- WETLANDS (Blue outline)
- PEI 15 METER BUFFER (Red outline)
- RIVERS AND STREAMS (Blue line)
- FOREST ROADS (Black line)

**Map Labels:**

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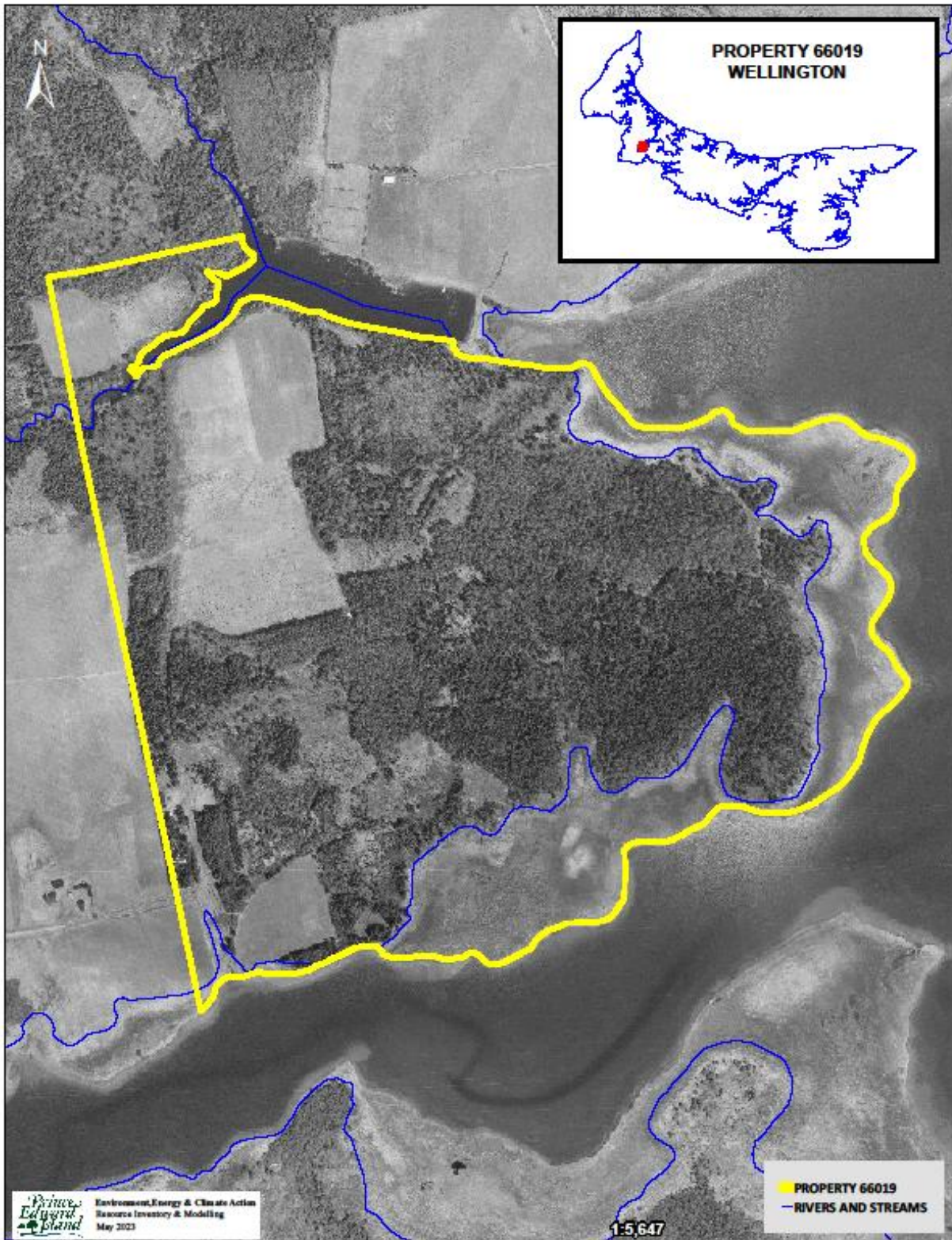


## Appendix B. 1935 Aerial Photography





## Appendix C. 1968 Aerial Photography





## Appendix D. 2010 Corporate Land Use Inventory

FIELDID	COVER1	PER1	COVER2	PER2	COVER3	PER3	COVER4	PER4	COVER5	PER5	HEIGHT	CROWN	HECTARES	WOODSTOCK
0481002	RS	6.00	LA	2.00	BF	2.00		0.00		0.00	10.00	80.00	2.90	RS
0481023	RS	5.00	BF	2.00	LA	1.00	DT	1.00	RM	1.00	15.00	85.00	5.14	RS
048993	WS	5.00	WB	3.00	RM	2.00		0.00		0.00	4.00	60.00	4.71	SWIH
0481311	WS	6.00	BF	2.00	LA	1.00	RM	1.00		0.00	18.00	55.00	2.07	SPLA
0481293	BS	7.00	WB	2.00	RM	1.00		0.00		0.00	10.00	85.00	1.64	BSPR
0481057	BF	3.00	RS	3.00	RM	2.00	LA	1.00	WS	1.00	18.00	65.00	2.58	SWMX
0481294	BF	6.00	WB	2.00	RM	2.00		0.00		0.00	6.00	65.00	0.30	BFIH
0481021	BS	5.00	BF	2.00	LA	1.00	RM	1.00	WB	1.00	15.00	55.00	2.02	SPLA
0481273	BF	8.00	WB	1.00	RM	1.00		0.00		0.00	7.00	70.00	0.47	BFPR
048272	NS	8.00	WB	1.00	RM	1.00		0.00		0.00	3.00	40.00	1.64	SWPR
0481005	WS	3.00	RM	3.00	RS	2.00	BF	1.00	DT	1.00	16.00	75.00	2.17	SWIH
0481274	LA	8.00	WB	1.00	RM	1.00		0.00		0.00	9.00	85.00	0.93	LAPR
0481271	BS	7.00	WB	2.00	BF	1.00		0.00		0.00	4.00	85.00	2.60	BSPR
0481272	LA	10.00		0.00		0.00		0.00		0.00	12.00	85.00	1.35	LAPR
048063	BF	3.00	BS	3.00	RM	2.00	LA	1.00	DT	1.00	17.00	70.00	3.18	SWMX
0481270	RP	10.00		0.00		0.00		0.00		0.00	8.00	80.00	0.23	RPPR
0481000	LA	8.00	WB	2.00		0.00		0.00		0.00	4.00	75.00	1.70	LAPR
0481229	LA	10.00		0.00		0.00		0.00		0.00	10.00	90.00	1.01	LAPR
0481228	WS	8.00	WB	2.00		0.00		0.00		0.00	7.00	80.00	0.34	WSPR
0481545	WB	3.00	RM	3.00	BF	2.00	PO	1.00	PC	1.00	4.00	85.00	0.67	IHMX
0481555	WB	4.00	RM	4.00	NS	2.00		0.00		0.00	4.00	80.00	1.01	IHMX
0481056	RM	4.00	RS	2.00	WB	2.00	LA	1.00	YB	1.00	18.00	75.00	2.34	IHMX
048078	RM	4.00	BF	2.00	WB	2.00	WA	1.00	WS	1.00	16.00	75.00	0.01	IHMX
0481054	PO	4.00	RM	4.00	BF	1.00	WS	1.00		0.00	20.00	80.00	3.73	IHMX
048994	RM	4.00	NS	3.00	WB	3.00		0.00		0.00	6.00	85.00	3.67	IHMX
0481004	RM	5.00	WB	3.00	WP	2.00		0.00		0.00	6.00	80.00	1.84	IHMX
0481003	RM	6.00	PO	2.00	WS	1.00	WB	1.00		0.00	19.00	65.00	0.71	IHMX
0481269	RM	4.00	PO	3.00	WB	2.00	BS	1.00		0.00	10.00	85.00	0.36	IHMX
0481522	CC	10.00		0.00		0.00		0.00		0.00	0.00	0.00	0.00	CC

## Appendix E. Forest Inventory Codes

### **EXPLANATION OF FOREST CODES; SPECIES**

<b>WS</b>	White Spruce	<b>JL</b>	Japanese Larch	<b>WB</b>	White Birch
<b>BF</b>	Balsam Fir	<b>EL</b>	European Larch	<b>PO</b>	Poplar
<b>HE</b>	Hemlock	<b>NS</b>	Norway Spruce	<b>RM</b>	Red Maple
<b>WP</b>	White Pine	<b>PC</b>	Pin Cherry	<b>RO</b>	Red Oak
<b>RP</b>	Red Pine	<b>MA</b>	Apple	<b>WA</b>	White Ash
<b>JP</b>	Jack Pine	<b>SP</b>	Scots Pine	<b>EM</b>	Elm
<b>CE</b>	Cedar	<b>AP</b>	Austrian Pine	<b>GB</b>	Gray Birch
<b>LA</b>	Larch	<b>YB</b>	Yellow Birch	<b>AL</b>	Alders
<b>BS</b>	Black Spruce	<b>SM</b>	Sugar Maple	<b>LI</b>	Linden
<b>RS</b>	Red Spruce	<b>BE</b>	Beech		

### **PERCENT**

<b>0</b>	1 - 9%
<b>1</b>	10 - 19%
<b>2</b>	20 - 29%
<b>3</b>	30 - 39%
<b>4</b>	40 - 49%
<b>5</b>	50 - 59%
<b>6</b>	60 - 69%
<b>7</b>	70 - 79%
<b>8</b>	80 - 89%
<b>9</b>	90 - 100%

### **CROWN CLOSURE**

<b>A</b>	91 % - 100%
<b>B</b>	81 % - 90 %
<b>C</b>	71 % - 80 %
<b>D</b>	61 % - 70 %
<b>E</b>	51 % - 60 %
<b>F</b>	41 % - 50 %
<b>G</b>	31 % - 40 %
<b>H</b>	21 % - 30 %
<b>I</b>	11 % - 20 %
<b>J</b>	0 % - 10 %

### **ORIGIN AND HISTORY**

<b>BR</b>	Burn	<b>DI</b>	Disease-Insect
<b>WF</b>	Wind Fall	<b>OF</b>	Old Field
<b>PC</b>	Partial Cut	<b>PN</b>	Plantation
<b>CC</b>	Clear Cut	<b>HR</b>	Hedgerow
<b>TH</b>	Thinning	<b>EP</b>	Excavation Pit

### **SAMPLE DESCRIPTIONS**

#### **FOREST STAND DESCRIPTIONS**

75401 – Stand No.

SM5RM4 – Sugar Maple 50%, Red Maple 40%

WS1 12A – White Spruce 10%, Height, Crown Closure

OF – Origin History Old Field

Stand Numbering relates to the position of the stand within a 100 X 100 grid cell overlaid with the minimum values in the southwest corner and the maximum values in the northeast corner.

A stand labeled 75 40 1 would be positioned within easting grid 75 and northing grid 40 and would be the first stand within that grid cell.

### **NON-FOREST LAND TYPES**

<b>BO</b>	Bog	<b>AL</b>	Alders
<b>CL</b>	Clear Land	<b>FL</b>	Flowerage
<b>SO</b>	Swamps – Open	<b>AG</b>	Agricultural Land
<b>EP</b>	Excavation Pit	<b>SD</b>	Sand Dune
<b>PL</b>	Power Line	<b>UR</b>	Urban
<b>C</b>	Cemetery	<b>WW</b>	Water

### **FOREST GROUND CONDITION**

<b>SW</b>	Wet – Swampy
<b>ST</b>	Steep
<b>SY</b>	Sandy

## Appendix F. Stand Tally Sheets from on the Ground Assessment

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		481271		PLANTATION #		3871671			
PROPERTY #		66019 Wellington Centre		AREA		2.6 ha		Date		5 / 12 / 2022			
										D M Y			
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	LA	34	16.5	14	35	4							
2	BS	34	13	13	40	5							
3	GB	34	15	12	30	6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha		SWSL		M <sup>2</sup> /Ha		HW		M <sup>2</sup> /Ha	
Species and (%)		LA50 %		BS20 %		BF10 %				GB, WP, PC 20%			
Even-aged		X		Uneven-aged								Biomass	
Slope		% Aspect		L									
Stand Origin:		Old Field		X		Partial Cut		Burn		Unploughed			
		Windfall				Non Forest				Ploughed		X	
		Clear Cut				Unknown							
Stand Maturity Class:		Regeneration				Immature		X		Mature		Over-mature	
Stand Stocking:		Understocked				Fully Stocked				Overstocked		X	
Density:		SW 5,500		HW 1,000									
Advanced Regeneration:		Understocked		X		Fully Stocked				Overstocked		Patchy	
Regeneration:		1. Spp.		BF		Height		1.5 m		2. Spp.		Height	
		3. Spp.				Height				4. Spp.		Height	
GROUND OBSERVATIONS													
Ground Vegetation Species Present:		bracken fern, goldenrod, bunchberry											
Ground Hemlock		Y / N		X									
Invasive Species Present		Y / N		X		If yes then what species:							
Site Indicators		Y / N		X		If yes then what species:							
ENVIRONMENTAL OBSERVATIONS													
Water Course		N		Bog		Pond		Stream		Seeps		Beaver Present	
Drainage:		Poor		Moderate		X		Good		X		Excellent	
Snag Trees:		Adequate		X		Inadequate							
Coarse Woody Material:		Adequate		X		Inadequate							
Dens				Nests (Raptors, songbirds, etc.)									
Wildlife Observed		None observed.											
Comments		Sw corner wet.											
STAND PRESCRIPTION													
No Treatment				Regeneration Cut				Crop Tree Release				Block Cut	
Shelterwood Cut				Selection Cut				Patch Cut				Strip Cut	
Commercial Thinning				Afforestation				Site Preparation		X			
Pre-commercial Thinning				Reforestation		X		Riparian Zone Mgmt					
Pln. Maint.		X Y / N		Stems/Ha									
Comments:		Some blowdown in this stand from hurricane Fiona (30-40 %). This site should be salvaged with a block harvest. The site has hardwoods and white pine ribboned off as retention for diversity for the future stand. Could plant WS, BS, WP, LA, or WA.											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481311, 0481294		PLANTATION #		3901621			
PROPERTY #		66019 Wellington Centre		AREA		1.7 of 2.37 ha		Date		28 / 4 / 2023			
										D M Y			
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	RM	50+	15	16	50	4							
2	WB	50+	14	14	40	5							
3						6							
*Sample Trees are single tree retention left from previous stand.													
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha	SWSL		M <sup>2</sup> /Ha	HW		M <sup>2</sup> /Ha	HWSL		M <sup>2</sup> /Ha
Species and (%)			%		%		%	2023 Harvested					
Even-aged	X	Uneven-aged						Biomass					
Slope	5	%	Aspect	NW									
Stand Origin:	Old Field	X	Partial Cut		Burn			Unploughed					
	Windfall	X	Non Forest					Ploughed	X				
	Clear Cut	X	Unknown										
Stand Maturity Class:		Regeneration		X	Immature		Mature		Over-mature				
Stand Stocking:		Understocked		X	Fully Stocked		Overstocked		Patchy				
Density:	SW	N/A	HW	N/A									
Advanced Regeneration:		Understocked		X	Fully Stocked		Overstocked		Patchy				
Regeneration:	1. Spp.		Height		2. Spp.		Height						
	3. Spp.		Height		4. Spp.		Height						
GROUND OBSERVATIONS													
Ground Vegetation Species Present:													
Ground Hemlock Y / N													
Invasive Species Present Y / N If yes then what species:													
Site Indicators Y / N If yes then what species:													
ENVIRONMENTAL OBSERVATIONS													
Water Course	Y	Bog		Pond		Stream	X	Seeps		Beaver Present	Y / N		
Drainage:	Poor	Moderate	X	Good	X	Excellent		Erosion Control Required		Y / N			
Snag Trees:	Adequate	X	Inadequate										
Coarse Woody Material:		Adequate	X	Inadequate									
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed Bald Eagles flying nearby, no nest seen.													
Comments Smelt River north of the stand, buffer 15 m.													
STAND PRESCRIPTION													
No Treatment			Regeneration Cut			Crop Tree Release			Block Cut				
Shelterwood Cut			Selection Cut			Patch Cut			Strip Cut				
Commercial Thinning			Afforestation			Site Preparation		X					
Pre-commercial Thinning			Reforestation		X	Riparian Zone Mgmt							
Pln. Maint.	X Y / N		Stems/Ha										
Comments: Emergency salvage of blowdown WS done after hurricane Fiona. BF patch and individual WB and RM trees left as legacy trees for biodiversity of the future stand. Could plant WS, BS, LA, WP, or WA. Block harvest area treatment area is 1.7 ha of a 2.37 ha stand area.													

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481002		PLANTATION #					
PROPERTY #		66019 Wellington Centre		AREA		0.7 of 2.9 ha		Date		28 / 4 / 2023			
								D		M		Y	
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	RM	43	18	12	50	4							
2	GB	43	15	12	40	5							
3						6							
*Sample Trees are from retention left from previous stand.													
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha	SWSL		M <sup>2</sup> /Ha	HW		M <sup>2</sup> /Ha	HWSL		M <sup>2</sup> /Ha
Species and (%)			%	%		%	Harvested 2023						
Even-aged		X	Uneven-aged		Biomass								
Slope			%	Aspect	L								
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed		X			
		Windfall		Non Forest				Ploughed					
		Clear Cut		X		Unknown							
Stand Maturity Class:		Regeneration		X		Immature		Mature		Over-mature			
Stand Stocking:		Understocked		X		Fully Stocked		Overstocked		Patchy			
Density:		SW	N/A	HW	N/A								
Advanced Regeneration:		Understocked		X		Fully Stocked		Overstocked		Patchy			
Regeneration:		1. Spp.		Height		2. Spp.		Height					
		3. Spp.		Height		4. Spp.		Height					
GROUND OBSERVATIONS													
Ground Vegetation Species Present:													
Ground Hemlock		Y / N											
Invasive Species Present		Y / N		If yes then what species:									
Site Indicators		Y / N		If yes then what species:									
ENVIRONMENTAL OBSERVATIONS													
Water Course		N	Bog	Pond	Stream	Seeps	Beaver Present		Y / N				
Drainage:		Poor	Moderate	Good	X	Excellent	Erosion Control Required		Y / N				
Snag Trees:		Adequate	X	Inadequate									
Coarse Woody Material:		Adequate	X	Inadequate									
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed		None seen.											
Comments													
STAND PRESCRIPTION													
No Treatment		Regeneration Cut		Crop Tree Release		Block Cut							
Shelterwood Cut		Selection Cut		Patch Cut		Strip Cut							
Commercial Thinning		Afforestation		Site Preparation		X							
Pre-commercial Thinning		Reforestation		X		Riparian Zone Mgmt							
Pln. Maint.		X	Y / N	Stems/Ha									
Comments:		Emergency Salvage after hurricane Fiona. Could plant WS, BS, LA, WP or WA.											
		*tally sheet for 0.7 ha block harvested area of a 2.9 ha stand.											

STAND TALLY SHEET													
CRUISER	J. LeClair			STAND #	0481057		PLANTATION #	3180093					
PROPERTY #	66019 Wellington Centre			AREA	0.51 of 2.58 ha		Date	3 /	5 /	2023			
							D	M	Y				
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	WS	5	-	0.5	95	4							
2	RM	5	1.2	1.9	80	5							
3	BF	5	0.9	1.5	90	6							
STAND INFORMATION													
Stand Basal Area	SW		M <sup>2</sup> /Ha	SWSL		M <sup>2</sup> /Ha	HW		M <sup>2</sup> /Ha	HWSL		M <sup>2</sup> /Ha	
Species and (%)	BF20	%	WS20	%	RM20	%	PC10	%	GB, RO, WB, WP 20%				
Even-aged	X	Uneven-aged								Biomass			
Slope	%	Aspect	L										
Stand Origin:	Old Field	X	Partial Cut	Burn		Unploughed							
	Windfall		Non Forest			Ploughed							
	Clear Cut	X	Unknown										
Stand Maturity Class:	Regeneration		x	Immature		Mature		Over-mature					
Stand Stocking:	Understocked			Fully Stocked		X	Overstocked		Patchy				
Density:	SW	2,400	HW	2,600									
Advanced Regeneration:	Understocked			Fully Stocked			Overstocked		X	Patchy			
Regeneration:	1. Spp.	WS	Height	0.3 - 1 m		2. Spp.	RM	Height	1-4 m				
	3. Spp.	PC	Height	1-2 m		4. Spp.	BF	Height	0.5 - 3 m				
GROUND OBSERVATIONS													
Ground Vegetation Species Present:	raspberry, wild raisin, bunchberry, mountain ash, sheep laurel, beaked hazelnut												
Ground Hemlock	Y / N	X											
Invasive Species Present	Y / N	X	If yes then what species:										
Site Indicators	Y / N	X	If yes then what species:										
ENVIRONMENTAL OBSERVATIONS													
Water Course	Y	Bog		Pond		Stream	X	Seeps		Beaver Present	Y / N		
Drainage:	Poor	Moderate	X	Good	X	Excellent		Erosion Control Required		Y / N			
Snag Trees:	Adequate	Inadequate	X										
Coarse Woody Material:	Adequate	X	Inadequate										
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed	None seen.												
Comments	Stream along the N edge of the stand, buffer 15 m. Unmapped wet area NE end of ths stand, buffer 15 m.												
STAND PRESCRIPTION													
No Treatment		Regeneration Cut			Crop Tree Release			Block Cut					
Shelterwood Cut		Selection Cut			Patch Cut			Strip Cut					
Commercial Thinning		Afforestation			Site Preparation								
Pre-commercial Thinning		Reforestation			Riparian Zone Mgmt								
Pln. Maint.	X	Y / N	Stems/Ha										
Comments:	<u>No conifers in south section of the stand. Looks like a maintenance was done in the past, but lots of competition remaining in site and spruce in the north is still small. May be prudent to do another maintenance. Tally sheet for 0.51 ha of a stand originally 2.58 ha in size.</u>												

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481023		PLANTATION #		3180091			
PROPERTY #		66019 Wellington Centre		AREA		0.36 of 5.14 ha		Date	1 /	5 /	2023		
								D	M	Y			
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	WS	5	-	1	100	4							
2	WP	5	-	1	100	5							
3	PC	5	-	1.4	80	6							
STAND INFORMATION													
Stand Basal Area		SW	M <sup>2</sup> /Ha		SWSL	M <sup>2</sup> /Ha		HW	M <sup>2</sup> /Ha		HWSL	M <sup>2</sup> /Ha	
Species and (%)		PC30	%	WS20	%	WP20	%	GB20	%	RM 10%			
Even-aged		X	Uneven-aged								Biomass		
Slope		%	Aspect		L								
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed		X			
		Windfall		Non Forest				Ploughed					
		Clear Cut		X		Unknown							
Stand Maturity Class:		Regeneration		X		Immature		Mature		Over-mature			
Stand Stocking:		Understocked				Fully Stocked		Overstocked		X		Patchy	
Density:		SW	2,000		HW	7,200							
Advanced Regeneration:		Understocked				Fully Stocked		Overstocked		X		Patchy	
Regeneration:		1. Spp.		WS		Height		0.3-1 m		2. Spp.		WP	
												Height	
		3. Spp.		PC		Height		1-2 m		4. Spp.		BF	
												Height	
												0.5 m	
GROUND OBSERVATIONS													
Ground Vegetation Species Present:		raspberry, wild raisin, bracken fern, mountain ash, beaked hazelnut											
Ground Hemlock		Y / N	X										
Invasive Species Present		Y / N	X		If yes then what species:								
Site Indicators		Y / N	X		If yes then what species:								
ENVIRONMENTAL OBSERVATIONS													
Water Course		N	Bog		Pond		Stream		Seeps		Beaver Present		Y / N
Drainage:		Poor	Moderate		Good		X		Excellent		Erosion Control Required		Y / N
Snag Trees:		Adequate	X		Inadequate								
Coarse Woody Material:		Adequate	X		Inadequate								
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed		None observed.											
Comments													
STAND PRESCRIPTION													
No Treatment				Regeneration Cut				Crop Tree Release				Block Cut	
Shelterwood Cut				Selection Cut				Patch Cut				Strip Cut	
Commercial Thinning				Afforestation				Site Preparation					
Pre-commercial Thinning				Reforestation				Riparian Zone Mgmt					
Pln. Maint.		X	Y / N	Stems/Ha									
Comments:		Lots of PC and competition species, needs a plantation maintenance. *tally sheet for plantation that is 0.36 ha of an originally 5.14 ha stand.											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481002 S		PLANTATION #					
PROPERTY #		66019 Wellington Centre		AREA		2.3 of 2.9 ha		Date		4 / 5 / 2023			
								D		M		Y	
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	BF	43	21	14	30	4							
2	BS	43	17	13	40	5							
3						6							
STAND INFORMATION													
Stand Basal Area		SW	M <sup>2</sup> /Ha		SWSL	M <sup>2</sup> /Ha		HW	M <sup>2</sup> /Ha		HWSL	M <sup>2</sup> /Ha	
Species and (%)		BF40	%	BS40	%	GB10	%	LA, RM 10%					
Even-aged		X	Uneven-aged								Biomass		
Slope		%	Aspect		L								
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed		X			
		Windfall		Non Forest				Ploughed					
		Clear Cut		X		Unknown							
Stand Maturity Class:		Regeneration		Immature		X		Mature		Over-mature			
Stand Stocking:		Understocked		Fully Stocked				Overstocked		X		Patchy	
Density:		SW	3,000		HW	200							
Advanced Regeneration:		Understocked		X		Fully Stocked		Overstocked		Patchy			
Regeneration:		1. Spp. BF		Height >0.1 m		2. Spp.		Height					
		3. Spp.		Height		4. Spp.		Height					
GROUND OBSERVATIONS													
Ground Vegetation Species Present:		bunchberry, wild raisin											
Ground Hemlock		Y / N		X									
Invasive Species Present		Y / N		X		If yes then what species:							
Site Indicators		Y / N		X		If yes then what species:							
ENVIRONMENTAL OBSERVATIONS													
Water Course		N		Bog		Pond		Stream		Seeps		Beaver Present	
Drainage:		Poor		Moderate		Good		X		Excellent		Erosion Control Required	
Snag Trees:		Adequate		X		Inadequate							
Coarse Woody Material:		Adequate		X		Inadequate							
Dens				Nests (Raptors, songbirds, etc.)									
Wildlife Observed		None seen.											
Comments													
STAND PRESCRIPTION													
No Treatment				Regeneration Cut				Crop Tree Release				Block Cut X	
Shelterwood Cut				Selection Cut				Patch Cut				Strip Cut	
Commercial Thinning				Afforestation				Site Preparation		X			
Pre-commercial Thinning				Reforestation		X		Riparian Zone Mgmt					
Pln. Maint.		X		Y / N		Stems/Ha							
Comments:		This stand has some blowdown in it and has some exposure to wind from block harvests to the N and S and the woodlot road to the W. Monitor for stand decline and block harvest. Could plant BS, JP, WP, LA or WA. *Tally sheet refers to approx. 2.3 of a 2.9 ha stand											



STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481023		PLANTATION #		3180092			
PROPERTY #		66019 Wellington Centre		AREA		1.5 of 5.14 ha		Date		1 / 5 / 2023			
								D		M		Y	
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	LA	5	0.5	2	100	4							
2	BS	5	-	0.5	100	5							
3	GB	5	0.3	2	90	6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha		SWSL		M <sup>2</sup> /Ha		HW		M <sup>2</sup> /Ha	
Species and (%)		LA50 %		BS20 %		BF10 %		GB10 %		RM, WP 10%			
Even-aged		X		Uneven-aged						Biomass			
Slope		% Aspect		L									
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed		X			
		Windfall		Non Forest				Ploughed					
		Clear Cut		X		Unknown							
Stand Maturity Class:		Regeneration		X		Immature		Mature		Over-mature			
Stand Stocking:		Understocked				Fully Stocked		Overstocked		X		Patchy	
Density:		SW 7,000		HW 3,000									
Advanced Regeneration:		Understocked				Fully Stocked		Overstocked		X		Patchy	
Regeneration:		1. Spp. LA		Height 1-3 m		2. Spp. BS		Height 0.5-1 m					
		3. Spp. GB		Height 2 m		4. Spp. RM		Height 2 m					
GROUND OBSERVATIONS													
Ground Vegetation Species Present:		mountain holly, sheep laurel, mountain ash, wild raisin, labrador tea											
Ground Hemlock		Y / N		X									
Invasive Species Present		Y / N		X		If yes then what species:							
Site Indicators		X		Y / N		If yes then what species: mountain holly - wet site							
ENVIRONMENTAL OBSERVATIONS													
Water Course		N		Bog		Pond		Stream		Seeps		Beaver Present	
Drainage:		Poor		Moderate		X		Good		Excellent		Erosion Control Required	
Snag Trees:		Adequate		X		Inadequate							
Coarse Woody Material:		Adequate		X		Inadequate							
Dens				Nests (Raptors, songbirds, etc.)									
Wildlife Observed		None observed.											
Comments													
STAND PRESCRIPTION													
No Treatment				Regeneration Cut				Crop Tree Release				Block Cut	
Shelterwood Cut				Selection Cut				Patch Cut				Strip Cut	
Commercial Thinning				Afforestation				Site Preparation					
Pre-commercial Thinning				Reforestation				Riparian Zone Mgmt					
Pln. Maint.		X		Y / N		Stems/Ha							
Comments:		<u>Monitor for best time to do a plantation maintenance, crowns are healthy for now and treatment is not immediately necessary. *tally sheet for plantation that is 1.5 ha of an original 5.14 ha stand.</u>											

STAND TALLY SHEET														
CRUISER		J. LeClair		STAND #		0481023		PLANTATION #		3180096				
PROPERTY #		66019 Wellington Centre		AREA		0.18 of 5.14 ha		Date	1 /	5 /	2023			
								D	M	Y				
SAMPLE TREE INFORMATION														
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%			
1	WS	5	-	1.2	95	4								
2	PC	5	-	1.8	90	5								
3						6								
STAND INFORMATION														
Stand Basal Area		SW		M <sup>2</sup> /Ha	SWSL		M <sup>2</sup> /Ha	HW		M <sup>2</sup> /Ha	HWSL		M <sup>2</sup> /Ha	
Species and (%)		WS50	%	PC20	%	BF10	%	GB10	%	RM 10%				
Even-aged	X	Uneven-aged										Biomass		
Slope	%	Aspect	L											
Stand Origin:	Old Field	Partial Cut		Burn		Unploughed		X						
	Windfall	Non Forest				Ploughed								
	Clear Cut	X	Unknown											
Stand Maturity Class:		Regeneration		X	Immature		Mature		Over-mature					
Stand Stocking:		Understocked		Fully Stocked		Overstocked		X	Patchy					
Density:	SW	3,900	HW	15,000										
Advanced Regeneration:		Understocked		Fully Stocked		Overstocked		X	Patchy					
Regeneration:	1. Spp.	WS	Height		1 m	2. Spp.	BF	Height		1-1.5 m				
	3. Spp.	PC	Height		1-2 m	4. Spp.	RM	Height		2 m				
GROUND OBSERVATIONS														
Ground Vegetation Species Present:		wild raisin, bunch berry, raspberry												
Ground Hemlock		Y / N	X											
Invasive Species Present		Y / N	X	If yes then what species:										
Site Indicators		Y / N	X	If yes then what species:										
ENVIRONMENTAL OBSERVATIONS														
Water Course	N	Bog		Pond		Stream		Seeps		Beaver Present	Y / N			
Drainage:	Poor	Moderate		Good	X	Excellent		Erosion Control Required		Y / N				
Snag Trees:	Adequate	X	Inadequate											
Coarse Woody Material:	Adequate	X	Inadequate											
Dens	Nests (Raptors, songbirds, etc.)													
Wildlife Observed	None observed.													
Comments														
STAND PRESCRIPTION														
No Treatment		Regeneration Cut			Crop Tree Release			Block Cut						
Shelterwood Cut		Selection Cut			Patch Cut			Strip Cut						
Commercial Thinning		Afforestation			Site Preparation									
Pre-commercial Thinning		Reforestation			Riparian Zone Mgmt									
Pln. Maint.	X	Y / N	Stems/Ha											
Comments:	Stand should have a plantation maintenance done in the next few years.													
	*tally sheet for plantation that is 0.18 ha of a 5.14 ha stand originally.													

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481274		PLANTATION #		3871672			
PROPERTY #		66019 Wellington Centre		AREA		0.93 ha		Date		4 / 5 / 2023			
								D		M		Y	
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	LA	36	20	17	30	4							
2	GB	36	14	15	30	5							
3	RM	36	18	17	40	6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha	SWSL		M <sup>2</sup> /Ha	HW		M <sup>2</sup> /Ha	HWSL		M <sup>2</sup> /Ha
Species and (%)		LA60	%	GB20	%	RM10	%	BS, WB, BF, PO 10%					
Even-aged		X	Uneven-aged						Biomass				
Slope		%	Aspect	L									
Stand Origin:		Old Field	X	Partial Cut			Burn			Unploughed			
		Windfall		Non Forest						Ploughed	X		
		Clear Cut	X	Unknown									
Stand Maturity Class:		Regeneration				Immature	X	Mature			Over-mature		
Stand Stocking:		Understocked				Fully Stocked	X	Overstocked			Patchy		
Density:		SW	1,200	HW	1,400								
Advanced Regeneration:		Understocked		X	Fully Stocked			Overstocked			Patchy		
Regeneration:		1. Spp.	BF	Height	0.5-5 m	2. Spp.	BS	Height	0.5-1 m				
		3. Spp.		Height		4. Spp.		Height					
GROUND OBSERVATIONS													
Ground Vegetation Species Present:		wild raisin, haircap moss, wild strawberry, bracken fern											
Ground Hemlock		X	Y / N										
Invasive Species Present			Y / N	X	If yes then what species:								
Site Indicators			Y / N	X	If yes then what species:								
ENVIRONMENTAL OBSERVATIONS													
Water Course		N	Bog		Pond		Stream		Seeps		Beaver Present	Y / N	
Drainage:		Poor	Moderate	X	Good	X	Excellent			Erosion Control Required	Y / N		
Snag Trees:		Adequate	X	Inadequate									
Coarse Woody Material:		Adequate	X	Inadequate									
Dens			Nests (Raptors, songbirds, etc.)										
Wildlife Observed		None seen.											
Comments													
STAND PRESCRIPTION													
No Treatment				Regeneration Cut				Crop Tree Release				Block Cut X	
Shelterwood Cut				Selection Cut				Patch Cut				Strip Cut	
Commercial Thinning				Afforestation				Site Preparation		X			
Pre-commercial Thinning				Reforestation		X	Riparian Zone Mgmt						
Pln. Maint.		X	Y / N	Stems/Ha									
Comments:		Some blowdown is present in the stand. Could be a potential site to salvage for biomass. Could plant LA, BS, WP or WA after harvest.											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481057		PLANTATION #		3180095			
PROPERTY #		66019 Wellington Centre		AREA		0.3 of 2.58 ha		Date		3 / 5 / 2023			
								D		M		Y	
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	WP	5	-	1.1	80	4							
2	WS	5	-	0.5	100	5							
3	RM	5	2.7	3	70	6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha	SWSL		M <sup>2</sup> /Ha	HW		M <sup>2</sup> /Ha	HWSL		M <sup>2</sup> /Ha
Species and (%)		WS20	%	RM20	%	BF10	%	WP10	%	GB, WA, WB, PC 40%			
Even-aged		X	Uneven-aged								Biomass		
Slope		%	Aspect		L								
Stand Origin:		Old Field	X	Partial Cut		Burn		Unploughed					
		Windfall		Non Forest				Ploughed					
		Clear Cut	X	Unknown									
Stand Maturity Class:		Regeneration		X	Immature		Mature		Over-mature				
Stand Stocking:		Understocked		Fully Stocked		Overstocked		X	Patchy				
Density:		SW	2,000	HW	3,200								
Advanced Regeneration:		Understocked		Fully Stocked		Overstocked		Patchy					
Regeneration:		1. Spp.	WP	Height	1.0 m	2. Spp.	WS	Height	0.5 m				
		3. Spp.	RM	Height	1.5-3 m	4. Spp.	WA	Height	1.5 m				
GROUND OBSERVATIONS													
Ground Vegetation Species Present:				wild currants, mountain ash, beaked hazelnut, bracken fern, wild raisin, raspberry									
Ground Hemlock				Y / N	X								
Invasive Species Present				Y / N	X	If yes then what species:							
Site Indicators				Y / N	X	If yes then what species:							
ENVIRONMENTAL OBSERVATIONS													
Water Course		N	Bog		Pond		Stream		Seeps		Beaver Present	Y / N	
Drainage:		Poor	Moderate	X	Good		Excellent		Erosion Control Required		Y / N		
Snag Trees:		Adequate	X	Inadequate									
Coarse Woody Material:		Adequate	X	Inadequate									
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed		None observed.											
Comments													
STAND PRESCRIPTION													
No Treatment				Regeneration Cut				Crop Tree Release				Block Cut	
Shelterwood Cut				Selection Cut				Patch Cut				Strip Cut	
Commercial Thinning				Afforestation				Site Preparation					
Pre-commercial Thinning				Reforestation				Riparian Zone Mgmt					
Pln. Maint.		X	Y / N	Stems/Ha									
Comments:		Alderswale W of the plantation with old quad trail along it (wet area). A maintenance was done in the past but it may need another in the next couple years. Tally sheet for 0.3 ha plantation in original 2.58 ha stand.											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		048272		PLANTATION #		3990111			
PROPERTY #		66019 Wellington Centre		AREA		1.64 ha		Date		28 / 4 / 2023			
										D M Y			
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	NS	24	16	6	50	4							
2	RM	24	12	7	50	5							
3						6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha	SWSL		M <sup>2</sup> /Ha	HW		M <sup>2</sup> /Ha	HWSL		M <sup>2</sup> /Ha
Species and (%)		NS90	%	%	%	%	WB, RM 10%						
Even-aged		X	Uneven-aged		Biomass								
Slope		%	Aspect		L								
Stand Origin:		Old Field	X	Partial Cut	Burn		Unploughed						
		Windfall		Non Forest			Ploughed		X				
		Clear Cut		Unknown									
Stand Maturity Class:		Regeneration		Immature		X	Mature		Over-mature				
Stand Stocking:		Understocked		Fully Stocked		X	Overstocked		Patchy				
Density:		SW	2,400	HW	100								
Advanced Regeneration:		Understocked		X	Fully Stocked		Overstocked		Patchy		X		
Regeneration:		1. Spp. BF		Height		0.5 m		2. Spp. NS		Height		1 m	
		3. Spp.		Height				4. Spp.		Height			
GROUND OBSERVATIONS													
Ground Vegetation Species Present:				winterberry, red-berried elder, bunchberry, mosses, strawberry,(canopy gaps)									
Ground Hemlock				Y / N	X								
Invasive Species Present				Y / N	X	If yes then what species:							
Site Indicators				X	Y / N	If yes then what species: winterberry - wet site							
ENVIRONMENTAL OBSERVATIONS													
Water Course		N	Bog	Pond	Stream	Seeps	Beaver Present		Y / N				
Drainage:		Poor	Moderate	X	Good	Excellent	Erosion Control Required		Y / N				
Snag Trees:		Adequate	Inadequate	X									
Coarse Woody Material:		Adequate	Inadequate	X									
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed		crows seen.											
Comments													
STAND PRESCRIPTION													
No Treatment		Regeneration Cut		Crop Tree Release		Block Cut							
Shelterwood Cut		Selection Cut		Patch Cut		Strip Cut							
Commercial Thinning		X	Afforestation		Site Preparation								
Pre-commercial Thinning		Reforestation		Riparian Zone Mgmt									
Pln. Maint.		Y / N	Stems/Ha										
Comments:		<p>Advanced regeneration very sparse, only found in canopy gaps. Old stumps visible from past harvest.</p> <p>Could do a commercial thinning to improve crop tree health as crowns beginning to decline.</p>											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481555		PLANTATION #		3990111			
PROPERTY #		66019 Wellington Centre		AREA		1.01 ha		Date		28 / 4 / 2023			
										D M Y			
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	NS	24	11	6	55	4							
2	GB	24	15	10	50	5							
3						6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha		SWSL		M <sup>2</sup> /Ha		HW		M <sup>2</sup> /Ha	
Species and (%)		NS70 %		AI10 %		GB10 %				PO, RM, LA 10%			
Even-aged		X		Uneven-aged						Biomass			
Slope		% Aspect		L									
Stand Origin:		Old Field		X		Partial Cut		Burn		Unploughed			
		Windfall				Non Forest				Ploughed		X	
		Clear Cut				Unknown							
Stand Maturity Class:		Regeneration				Immature		X		Mature		Over-mature	
Stand Stocking:		Understocked				Fully Stocked				Overstocked		X	
Density:		SW 2,200		HW 1,200									
Advanced Regeneration:		Understocked		X		Fully Stocked				Overstocked		Pachy X	
Regeneration:		1. Spp. AI				Height 2-5 m				2. Spp. GB		Height 5 m	
		3. Spp.				Height				4. Spp.		Height	
GROUND OBSERVATIONS													
Ground Vegetation Species Present:				wild raisin, winterberry (gaps in canopy with AI)									
				bracken fern, bunchberry (under NS)									
Ground Hemlock				Y / N		X							
Invasive Species Present				Y / N		X		If yes then what species:					
Site Indicators				X		Y / N		If yes then what species: AI, winterberry - wet site					
ENVIRONMENTAL OBSERVATIONS													
Water Course		N		Bog		Pond		Stream		Seeps		Beaver Present	
Drainage:		Poor		X		Moderate		X		Good		Excellent	
Snag Trees:		Adequate				Inadequate		X					
Coarse Woody Material:		Adequate		X		Inadequate							
Dens				Nests (Raptors, songbirds, etc.)									
Wildlife Observed		Snowshoe hare scat and red squirrel seen.											
Comments													
STAND PRESCRIPTION													
No Treatment				Regeneration Cut				Crop Tree Release				Block Cut	
Shelterwood Cut				Selection Cut				Patch Cut				Strip Cut	
Commercial Thinning		X		Afforestation				Site Preparation					
Pre-commercial Thinning				Reforestation				Riparian Zone Mgmt					
Pln. Maint.		Y / N		Stems/Ha									
Comments:		Some GB, PO above NS, possibly suppressing growth. NS dense leading to crown closure, with very little advanced regeneration or ground vegetation to be found except in canopy gaps. Could do a commercial thin in the next couple years to improve crop tree health.											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481054 W		PLANTATION #					
PROPERTY #		66019 Wellington Centre		AREA		2.8 of 3.73 ha		Date		8 /	5 /	2023	
										D	M	Y	
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	PO	1	0.8	2	55	4							
2	RM	1	1	2.2	90	5							
3						6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha	SWSL		M <sup>2</sup> /Ha	HW		M <sup>2</sup> /Ha	HWSL		M <sup>2</sup> /Ha
Species and (%)		PO60	%	RM20	%	BF10	%	WS, BS, PC 10 %					
Even-aged		X	Uneven-aged		Biomass								
Slope		%	Aspect		L								
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed		X			
		Windfall		Non Forest				Ploughed					
		Clear Cut		X		Unknown							
Stand Maturity Class:		Regeneration		X		Immature		Mature		Over-mature			
Stand Stocking:		Understocked				Fully Stocked		Overstocked		X		Patchy	
Density:		SW	1,500	HW	19,000								
Advanced Regeneration:		Understocked				Fully Stocked		Overstocked		X		Patchy	
Regeneration:		1. Spp. PO		Height		2 m		2. Spp. RM		Height		2 m	
		3. Spp. BF		Height		0.5 m		4. Spp.		Height			
GROUND OBSERVATIONS													
Ground Vegetation Species Present:				raspberry, beaked hazelnut, wild raisin, strawberry									
Ground Hemlock				Y / N	X								
Invasive Species Present				Y / N	X	If yes then what species:							
Site Indicators				Y / N	X	If yes then what species:							
ENVIRONMENTAL OBSERVATIONS													
Water Course		Y	Bog		Pond		Stream		Seeps		Beaver Present	Y / N	
Drainage:		Poor	Moderate		Good	X	Excellent		Erosion Control Required		Y / N		
Snag Trees:		Adequate	X	Inadequate									
Coarse Woody Material:		Adequate	X	Inadequate									
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed		None observed.											
Comments		Smelt River N of stand and Grand River to NE, buffer at least 15 m.											
STAND PRESCRIPTION													
No Treatment				Regeneration Cut				Crop Tree Release				Block Cut	
Shelterwood Cut				Selection Cut				Patch Cut				Strip Cut	
Commercial Thinning				Afforestation				Site Preparation					
Pre-commercial Thinning				Reforestation		X		Riparian Zone Mgmt					
Pln. Maint.		X	Y / N	Stems/Ha									
Comments:		BF only conifer component found and the stand is mainly natural regeneration. RM legacy trees in stand. Monitor to see if maintenance needed in the next couple years. Could fill plant to increase species diversity, possibly with shade tolerant species that could survive under the primary stand. Tally sheet is for recent block harvest that covers 2.8 ha of the original 3.73 ha stand.											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481228		PLANTATION #		3851633, 3851631			
PROPERTY #		66019 Wellington Centre		AREA		0.34 ha		Date		8 / 5 / 2023			
								D		M		Y	
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	BF	35	20.5	14	45	4							
2	WP	35	30	10	40	5							
3						6							
STAND INFORMATION													
Stand Basal Area		SW	M <sup>2</sup> /Ha		SWSL	M <sup>2</sup> /Ha		HW	M <sup>2</sup> /Ha		HWSL	M <sup>2</sup> /Ha	
Species and (%)		BF50	%	LA20	%	WP10	%	WB, GB, WS 20%					
Even-aged		X	Uneven-aged		Biomass								
Slope		%	Aspect		L								
Stand Origin:		Old Field	X	Partial Cut		Burn		Unploughed					
		Windfall		Non Forest				Ploughed		X			
		Clear Cut		Unknown									
Stand Maturity Class:		Regeneration		Immature		X		Mature		Over-mature			
Stand Stocking:		Understocked		Fully Stocked		X		Overstocked		Patchy			
Density:		SW	2,100	HW	400								
Advanced Regeneration:		Understocked		X		Fully Stocked		Overstocked		Patchy			
Regeneration:		1. Spp. PC		Height		1.2 m		2. Spp. BF		Height		0.1-0.5 m	
		3. Spp. WB		Height		2 m		4. Spp.		Height			
GROUND OBSERVATIONS													
Ground Vegetation Species Present:		raspberry, red berried elder, beaked hazelnut											
Ground Hemlock		Y / N	X										
Invasive Species Present		Y / N	X	If yes then what species:									
Site Indicators		Y / N	X	If yes then what species:									
ENVIRONMENTAL OBSERVATIONS													
Water Course		N	Bog	Pond	Stream	Seeps	Beaver Present		Y / N				
Drainage:		Poor	Moderate	Good	X	Excellent	Erosion Control Required		Y / N				
Snag Trees:		Adequate	Inadequate	X									
Coarse Woody Material:		Adequate	X	Inadequate									
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed													
Comments													
STAND PRESCRIPTION													
No Treatment		Regeneration Cut		Crop Tree Release		Block Cut		X					
Shelterwood Cut		Selection Cut		Patch Cut		Strip Cut							
Commercial Thinning		Afforestation		Site Preparation		X							
Pre-commercial Thinning		Reforestation		X		Riparian Zone Mgmt							
Pln. Maint.		X	Y / N	Stems/Ha									
Comments:		This stand is about 30% blown down. The WP in the stand has been hit by weevil, with trunks forking 2-3 m up the bole. Salvage blowdown and then plant BS, WS, WP, JP or WA.											



STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481023		PLANTATION #					
PROPERTY #		66019 Wellington Centre		AREA		2.3 of 5.14 ha		Date		4 / 5 / 2023			
								D		M		Y	
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	BF	70+	28	18	55	4							
2	BS	80+	28	20	60	5							
3	RM	40+	18	18	50	6							
STAND INFORMATION													
Stand Basal Area		SW	M <sup>2</sup> /Ha		SWSL	M <sup>2</sup> /Ha		HW	M <sup>2</sup> /Ha		HWSL	M <sup>2</sup> /Ha	
Species and (%)		BF40 %	BS30 %	RM10 %	LA10 %	BE, WB 10%							
Even-aged		X	Uneven-aged		Biomass								
Slope		1 %	Aspect		SE								
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed		X			
		Windfall		X		Non Forest		Ploughed					
		Clear Cut				Unknown							
Stand Maturity Class:		Regeneration		Immature		Mature		X		Over-mature		X	
Stand Stocking:		Understocked		Fully Stocked		X		Overstocked		Patchy			
Density:		SW	1,200		HW	800							
Advanced Regeneration:		Understocked		Fully Stocked		Overstocked		X		Patchy			
Regeneration:		1. Spp. BF		Height		0.1-5 m		2. Spp. RM		Height		5 m	
		3. Spp.		Height				4. Spp.		Height			
GROUND OBSERVATIONS													
Ground Vegetation Species Present:		wild raisin, sheep laurel, haircap moss, bracken fern, beaked hazelnut											
Ground Hemlock		Y / N		X									
Invasive Species Present		Y / N		X		If yes then what species:							
Site Indicators		Y / N		X		If yes then what species:							
ENVIRONMENTAL OBSERVATIONS													
Water Course		Y		Bog		Pond		Stream		Seeps		Beaver Present	
Drainage:		Poor		Moderate		X		Good		Excellent		Erosion Control Required	
Snag Trees:		Adequate		X		Inadequate							
Coarse Woody Material:		Adequate		X		Inadequate							
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed		None observed.											
Comments		Grand River E of stand, buffer at least 15 m.											
STAND PRESCRIPTION													
No Treatment		Regeneration Cut		Crop Tree Release		Block Cut							
Shelterwood Cut		Selection Cut		Patch Cut		Strip Cut		X					
Commercial Thinning		Afforestation		Site Preparation		X							
Pre-commercial Thinning		Reforestation		X		Riparian Zone Mgmt							
Pln. Maint.		X		Y / N		Stems/Ha							
Comments:		Lots of snags, coarse woody debris in overmature stand with a thick BF, BS understory. Could do a strip harvest to protect advanced regeneration. Some blowdown present in stand. Could plant BS, WS, WP, EH, or WA. *tally sheet for 2.3 ha section of an originally 5.14 ha stand.											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481272		PLANTATION #		3210152			
PROPERTY #		66019 Wellington Centre		AREA		1.35 ha		Date		4 / 5 / 2023			
								D		M		Y	
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	BS	2	-	0.2	95	4							
2	RM	2	1	1.5	100	5							
3						6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha	SWSL		M <sup>2</sup> /Ha	HW		M <sup>2</sup> /Ha	HWSL		M <sup>2</sup> /Ha
Species and (%)		BS40	%	RM30	%	GB10	%	BF10	%	PC, WB 10%			
Even-aged		X	Uneven-aged						Biomass				
Slope		%	Aspect		L								
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed		X			
		Windfall		Non Forest				Ploughed					
		Clear Cut		X		Unknown							
Stand Maturity Class:		Regeneration		X		Immature		Mature		Over-mature			
Stand Stocking:		Understocked				Fully Stocked		Overstocked		X		Patchy	
Density:		SW	2,200	HW	2,000								
Advanced Regeneration:		Understocked				Fully Stocked		Overstocked		X		Patchy	
Regeneration:		1. Spp. BS		Height		0.2 m		2. Spp. RM		Height		1-3 m	
		3. Spp.		Height				4. Spp.		Height			
GROUND OBSERVATIONS													
Ground Vegetation Species Present:				twin flower, bunchberry, sensitive fern, currants, sphagnum moss, raspberry, bracken fern, mountain ash and wild raisin									
Ground Hemlock				X	Y / N								
Invasive Species Present					Y / N		X	If yes then what species:					
Site Indicators				X	Y / N			If yes then what species: sphagnum moss, sensitive fern - wet site					
ENVIRONMENTAL OBSERVATIONS													
Water Course		N	Bog		Pond		Stream		Seeps		Beaver Present	Y / N	
Drainage:		Poor	X	Moderate		Good		Excellent		Erosion Control Required		Y / N	
Snag Trees:		Adequate	X	Inadequate									
Coarse Woody Material:		Adequate	X	Inadequate									
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed		None seen.											
Comments													
STAND PRESCRIPTION													
No Treatment				Regeneration Cut				Crop Tree Release				Block Cut	
Shelterwood Cut				Selection Cut				Patch Cut				Strip Cut	
Commercial Thinning				Afforestation				Site Preparation					
Pre-commercial Thinning				Reforestation				Riparian Zone Mgmt					
Pln. Maint.		X	Y / N	Stems/Ha									
Comments:		Plantation maintenance required in the next couple years.											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481229		PLANTATION #		3210151			
PROPERTY #		66019 Wellington Centre		AREA		1.01 ha		Date		1 / 5 / 2023			
										D M Y			
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	PC	2	0.5	2	95	4							
2	WS	2	-	0.3	100	5							
3	WP	2	-	0.2	100	6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha		SWSL		M <sup>2</sup> /Ha		HW		M <sup>2</sup> /Ha	
Species and (%)		PC20 %		WP10 %		BS10 %		GB10 %		AI, BF, RM 10 %			
Even-aged		X		Uneven-aged						Biomass			
Slope		% Aspect		L									
Stand Origin:		Old Field		X		Partial Cut		Burn		Unploughed			
		Windfall				Non Forest				Ploughed		X	
		Clear Cut		X		Unknown							
Stand Maturity Class:		Regeneration		X		Immature		Mature		Over-mature			
Stand Stocking:		Understocked				Fully Stocked		Overstocked		X		Patchy	
Density:		SW 1,600		HW 11,900									
Advanced Regeneration:		Understocked				Fully Stocked		Overstocked		X		Patchy	
Regeneration:		1. Spp. PC		Height 1-2 m		2. Spp. BF		Height 0.3-3 m					
		3. Spp. WS		Height 0.3 m		4. Spp. WP		Height 0.2-0.3 m					
GROUND OBSERVATIONS													
Ground Vegetation Species Present:		raspberry, blackberry, grasses, strawberry, wild raisin, sensitive fern (E edge)											
		red-osier dogwood											
Ground Hemlock		Y / N		X									
Invasive Species Present		Y / N		X		If yes then what species:							
Site Indicators		X Y / N				If yes then what species: sensitive fern along E edge - wet							
ENVIRONMENTAL OBSERVATIONS													
Water Course		N		Bog		Pond		Stream		Seeps		Beaver Present Y / N	
Drainage:		Poor		Moderate		X		Good		Excellent		Erosion Control Required Y / N	
Snag Trees:		Adequate		Inadequate		X							
Coarse Woody Material:		Adequate		X		Inadequate							
Dens				Nests (Raptors, songbirds, etc.)									
Wildlife Observed		Crows flying in area.											
Comments													
STAND PRESCRIPTION													
No Treatment				Regeneration Cut				Crop Tree Release				Block Cut	
Shelterwood Cut				Selection Cut				Patch Cut				Strip Cut	
Commercial Thinning				Afforestation				Site Preparation					
Pre-commercial Thinning				Reforestation				Riparian Zone Mgmt					
Pln. Maint.		X Y / N		Stems/Ha									
Comments:		Lots of competition above planted trees, should get a plantation maintenance done.											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481005		PLANTATION #		3180094			
PROPERTY #		66019 Wellington Centre		AREA		0.7 of 2.17 ha		Date		28 / 4 / 2023			
								D		M		Y	
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	BF	5	0.3	1.5	40	4							
2	RM	5	3	3	60	5							
3	PO	5	1.5	2.1	50	6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha		SWSL		M <sup>2</sup> /Ha		HW		M <sup>2</sup> /Ha	
Species and (%)		BF40 %		PO20 %		RM20 %		WS10 %		PC 10 %			
Even-aged		X		Uneven-aged						Biomass			
Slope		% Aspect		L									
Stand Origin:		Old Field		X		Partial Cut		Burn		Unploughed			
		Windfall				Non Forest				Ploughed		X	
		Clear Cut		X		Unknown							
Stand Maturity Class:		Regeneration		X		Immature		Mature		Over-mature			
Stand Stocking:		Understocked				Fully Stocked		Overstocked		X		Patchy	
Density:		SW		2,600		HW		18,000					
Advanced Regeneration:		Understocked				Fully Stocked		Overstocked		X		Patchy	
Regeneration:		1. Spp.				Height		2. Spp.		Height			
		3. Spp.				Height		4. Spp.		Height			
GROUND OBSERVATIONS													
Ground Vegetation Species Present:				wild raisin, bunchberry, wild strawberry, bracken fern, beaked hazelnut, raspberry, red-berried elder									
Ground Hemlock				Y / N		X							
Invasive Species Present				Y / N		X		If yes then what species:					
Site Indicators				Y / N		X		If yes then what species:					
ENVIRONMENTAL OBSERVATIONS													
Water Course		N		Bog		Pond		Stream		Seeps		Beaver Present	
Drainage:		Poor		Moderate		X		Good		X		Excellent	
Snag Trees:		Adequate		X		Inadequate							
Coarse Woody Material:		Adequate		X		Inadequate							
Dens				Nests (Raptors, songbirds, etc.)									
Wildlife Observed		Downy woodpecker on PO snag											
Comments		Stream north of stand, with mature timber in 15 m buffer zone.											
STAND PRESCRIPTION													
No Treatment				Regeneration Cut				Crop Tree Release				Block Cut	
Shelterwood Cut				Selection Cut				Patch Cut				Strip Cut	
Commercial Thinning				Afforestation				Site Preparation					
Pre-commercial Thinning				Reforestation				Riparian Zone Mgmt					
Pln. Maint.		X Y / N		Stems/Ha									
Comments:		This site has lots of competition species and could use a plantation maintenance. From past harvest PO snags, WS and RM remain as legacy trees. Tally sheet for 0.7 ha plantation of an original 2.17 ha stand.											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481293		PLANTATION #		3220042			
PROPERTY #		66019 Wellington Centre		AREA		1.64 ha		Date		8 / 5 / 2023			
								D		M		Y	
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	BS	1	-	0.1	100	4							
2	RM	1	0.6	2.4	100	5							
3						6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha		SWSL		M <sup>2</sup> /Ha		HW		M <sup>2</sup> /Ha	
Species and (%)		RM30 %		BS30 %		PC10 %		WB10 %		GB 10%, BF 10%			
Even-aged		X		Uneven-aged								Biomass	
Slope		% Aspect		L									
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed					
		Windfall		Non Forest				Ploughed					
		Clear Cut		X		Unknown							
Stand Maturity Class:		Regeneration		X		Immature		Mature		Over-mature			
Stand Stocking:		Understocked				Fully Stocked		Overstocked		X		Patchy	
Density:		SW 3,000		HW 7,000									
Advanced Regeneration:		Understocked				Fully Stocked		Overstocked		X		Patchy	
Regeneration:		1. Spp. RM		Height 2-2.5 m		2. Spp. PC		Height 1.5 m					
		3. Spp. BS		Height 0.1 m		4. Spp. BF		Height 0.1 m					
GROUND OBSERVATIONS													
Ground Vegetation Species Present:				raspberry, bunchberry, bracken fern, grasses, wild raisin, beaked hazelnut, sensitive fern									
Ground Hemlock				Y / N		X							
Invasive Species Present				Y / N		X		If yes then what species:					
Site Indicators				X		Y / N		If yes then what species: sensitive fern - wet (in spots)					
ENVIRONMENTAL OBSERVATIONS													
Water Course		N		Bog		Pond		Stream		Seeps		Beaver Present	
Drainage:		Poor		X		Moderate		X		Good		Excellent	
Snag Trees:		Adequate		X		Inadequate							
Coarse Woody Material:		Adequate		X		Inadequate							
Dens				Nests (Raptors, songbirds, etc.)									
Wildlife Observed				None seen.									
Comments													
STAND PRESCRIPTION													
No Treatment				Regeneration Cut				Crop Tree Release				Block Cut	
Shelterwood Cut				Selection Cut				Patch Cut				Strip Cut	
Commercial Thinning				Afforestation				Site Preparation					
Pre-commercial Thinning				Reforestation				Riparian Zone Mgmt					
Pln. Maint.		X		Y / N		Stems/Ha							
Comments:		Recently cut and planted, monitor and do a plantation maintenance in the next few years.											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		048993		PLANTATION #		3980061			
PROPERTY #		66019 Wellington Centre		AREA		4.71 ha		Date		4 / 5 / 2023			
								D		M		Y	
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	BS	25	10	6	80	4							
2	RM	25	9	7	50	5							
3						6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha		SWSL		M <sup>2</sup> /Ha		HW		M <sup>2</sup> /Ha	
Species and (%)		BS30 %		WS30 %		WB10 %		RM10 %		WP, BF, GB 20%			
Even-aged		X		Uneven-aged						Biomass			
Slope		% Aspect		L									
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed		X			
		Windfall		Non Forest				Ploughed					
		Clear Cut		X		Unknown							
Stand Maturity Class:		Regeneration		Immature		X		Mature		Over-mature			
Stand Stocking:		Understocked		Fully Stocked		Overstocked		X		Patchy			
Density:		SW 3,000		HW 3,000									
Advanced Regeneration:		Understocked		Fully Stocked		X		Overstocked		Patchy			
Regeneration:		1. Spp. BS		Height 0.5 m		2. Spp. RM		Height 1.5 m					
		3. Spp. GB		Height 3 m		4. Spp. BF		Height 0.5 m					
GROUND OBSERVATIONS													
Ground Vegetation Species Present:		mountain holly, sheep laurel, wild raisin, bunch berry, hair cap moss											
Ground Hemlock		Y / N		X									
Invasive Species Present		Y / N		X		If yes then what species:							
Site Indicators		X		Y / N		If yes then what species: mountain holly - wet							
ENVIRONMENTAL OBSERVATIONS													
Water Course		Y		Bog		Pond		Stream		X		Seeps	
Drainage:		Poor		Moderate		X		Good		Excellent		Erosion Control Required	
Snag Trees:		Adequate		X		Inadequate							
Coarse Woody Material:		Adequate		X		Inadequate							
Dens				Nests (Raptors, songbirds, etc.)									
Wildlife Observed		None seen.											
Comments													
STAND PRESCRIPTION													
No Treatment				Regeneration Cut				Crop Tree Release				Block Cut	
Shelterwood Cut				Selection Cut				Patch Cut				Strip Cut	
Commercial Thinning		X		Afforestation				Site Preparation					
Pre-commercial Thinning				Reforestation				Riparian Zone Mgmt					
Pln. Maint.		Y / N		Stems/Ha									
Comments:		<u>Looks like a PCT was done in this stand in the past. Crowns are healthy on overstory species now, but stand should be monitored and have a commercial thinning done if crowns begin to deteriorate and crop trees are at a minimum dbh of 12 cm.</u>											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		048994		PLANTATION #		3980071			
PROPERTY #		66019 Wellington Centre		AREA		3.67 ha		Date		4 / 5 / 2023			
								D		M		Y	
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	NS	25	15	8	70	4							
2	GB	25	12	10	40	5							
3	RM	25	13	10	60	6							
STAND INFORMATION													
Stand Basal Area		SW	M <sup>2</sup> /Ha		SWSL	M <sup>2</sup> /Ha		HW	M <sup>2</sup> /Ha		HWSL	M <sup>2</sup> /Ha	
Species and (%)		NS60	%	GB10	%	RM10	%	BF10					
Even-aged		X	Uneven-aged										
Slope		%	Aspect		L								
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed					
		Windfall		Non Forest				Ploughed		X			
		Clear Cut		X		Unknown							
Stand Maturity Class:		Regeneration		Immature		X		Mature		Over-mature			
Stand Stocking:		Understocked		Fully Stocked		Overstocked		X		Patchy			
Density:		SW	2,800		HW	1,800							
Advanced Regeneration:		Understocked		X		Fully Stocked		Overstocked		Patchy			
Regeneration:		1. Spp. NS		Height		0.5 m		2. Spp. BF		Height		0.5-1 m	
		3. Spp. GB		Height		3-4 m		4. Spp. RM		Height		4 m	
GROUND OBSERVATIONS													
Ground Vegetation Species Present:				bunchberry, bracken fern, haircap moss, wild raisin (canopy gaps only).									
Ground Hemlock				Y / N	X								
Invasive Species Present				Y / N	X	If yes then what species:							
Site Indicators				Y / N	X	If yes then what species:							
ENVIRONMENTAL OBSERVATIONS													
Water Course		N	Bog		Pond		Stream		Seeps		Beaver Present		Y / N
Drainage:		Poor	Moderate		X	Good		X	Excellent		Erosion Control Required		Y / N
Snag Trees:		Adequate		Inadequate		X							
Coarse Woody Material:		Adequate		X		Inadequate							
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed		Snowshoe hare scat observed.											
Comments													
STAND PRESCRIPTION													
No Treatment		Regeneration Cut		Crop Tree Release		Block Cut							
Shelterwood Cut		Selection Cut		Patch Cut		Strip Cut							
Commercial Thinning		X		Afforestation		Site Preparation							
Pre-commercial Thinning		Reforestation		Riparian Zone Mgmt									
Pln. Maint.		Y / N	Stems/Ha										
Comments:		<p>Could have a commercial thinning done to improve stand health, monitor crowns for optimal timing as they are healthy for now.</p>											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481270		PLANTATION #		3851632			
PROPERTY #		66019 Wellington Centre		AREA		0.23 ha		Date		8 / 5 / 2023			
								D		M		Y	
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	RP	37	21	12	40	4							
2						5							
3						6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha	SWSL		M <sup>2</sup> /Ha	HW		M <sup>2</sup> /Ha	HWSL		M <sup>2</sup> /Ha
Species and (%)		RP70	%	WB10	%	LA10	%	BF, BS 10%					
Even-aged		X	Uneven-aged		Biomass								
Slope		%	Aspect		L								
Stand Origin:		Old Field	X	Partial Cut		Burn		Unploughed					
		Windfall		Non Forest				Ploughed		X			
		Clear Cut		Unknown									
Stand Maturity Class:		Regeneration		Immature		X		Mature		Over-mature			
Stand Stocking:		Understocked		Fully Stocked		X		Overstocked		Patchy			
Density:		SW	2,400	HW	200								
Advanced Regeneration:		Understocked		Fully Stocked		X		Overstocked		Patchy			
Regeneration:		1. Spp. BF		Height		1-3 m		2. Spp. BS		Height		2 m	
		3. Spp.		Height				4. Spp.		Height			
GROUND OBSERVATIONS													
Ground Vegetation Species Present:				red berried elder									
Ground Hemlock				Y / N	X								
Invasive Species Present				Y / N	X	If yes then what species:							
Site Indicators				Y / N	X	If yes then what species:							
ENVIRONMENTAL OBSERVATIONS													
Water Course		N	Bog		Pond		Stream		Seeps		Beaver Present	Y / N	
Drainage:		Poor	Moderate		Good	X	Excellent		Erosion Control Required		Y / N		
Snag Trees:		Adequate	Inadequate	X									
Coarse Woody Material:		Adequate	Inadequate	X									
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed		None seen.											
Comments													
STAND PRESCRIPTION													
No Treatment		Regeneration Cut		Crop Tree Release		Block Cut		X					
Shelterwood Cut		Selection Cut		Patch Cut		Strip Cut							
Commercial Thinning		Afforestation		Site Preparation		X							
Pre-commercial Thinning		Reforestation		X		Riparian Zone Mgmt							
Pln. Maint.		X	Y / N	Stems/Ha									
Comments:		This stand is between a field and the woodlot road with exposure to wind. Monitor for signs of stand collapse and if major decline block harvest. Could plant WS, BS, WP, JP or WA.											



STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481273		PLANTATION #		3892191			
PROPERTY #		66019 Wellington Centre		AREA		0.47 ha		Date		28 / 4 / 2023			
								D		M		Y	
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	BF	34	19	12	45	4							
2	LA	34	19.5	13	35	5							
3						6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha		SWSL		M <sup>2</sup> /Ha		HW		M <sup>2</sup> /Ha	
Species and (%)		BF70 %		LA10 %		GB10 %				WB, RM 10 %			
Even-aged		X		Uneven-aged								Biomass	
Slope		% Aspect		L									
Stand Origin:		Old Field		X		Partial Cut		Burn		Unploughed			
		Windfall				Non Forest				Ploughed		X	
		Clear Cut		X		Unknown							
Stand Maturity Class:		Regeneration				Immature		X		Mature		Over-mature	
Stand Stocking:		Understocked				Fully Stocked		X		Overstocked		Patchy	
Density:		SW 2,000		HW 100									
Advanced Regeneration:		Understocked		X		Fully Stocked				Overstocked		Patchy	
Regeneration:		1. Spp. RM		Height 1-3 m		2. Spp. GB		Height 1-2 m		3. Spp. WB		Height 0.5 m	
		3. Spp. WB		Height 1-2 m		4. Spp. BF		Height 0.5 m					
GROUND OBSERVATIONS													
Ground Vegetation Species Present:		wild raisin											
Ground Hemlock		Y / N		X									
Invasive Species Present		Y / N		X		If yes then what species:							
Site Indicators		Y / N		X		If yes then what species:							
ENVIRONMENTAL OBSERVATIONS													
Water Course		N		Bog		Pond		Stream		Seeps		Beaver Present	
Drainage:		Poor		Moderate		Good		X		Excellent		Erosion Control Required	
Snag Trees:		Adequate		Inadequate		X							
Coarse Woody Material:		Adequate		X		Inadequate							
Dens				Nests (Raptors, songbirds, etc.)									
Wildlife Observed		None seen.											
Comments													
STAND PRESCRIPTION													
No Treatment				Regeneration Cut				Crop Tree Release				Block Cut	
Shelterwood Cut				Selection Cut				Patch Cut				Strip Cut	
Commercial Thinning				Afforestation				Site Preparation		X			
Pre-commercial Thinning				Reforestation		X		Riparian Zone Mgmt					
Pln. Maint.		X Y / N		Stems/Ha									
Comments:		This stand was thinned in the past. Monitor for signs of stand decline or extreme blowdown events, then block harvest before stand collapse. Could plant WS, BS, LA, WP, JP, WA or RO.											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481294		PLANTATION #		3901621			
PROPERTY #		66019 Wellington Centre		AREA		0.3 ha		Date		3 / 5 / 2023			
										D M Y			
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	BF	33	21	11	40	4							
2	LA	33	19	10	35	5							
3						6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha	SWSL		M <sup>2</sup> /Ha	HW		M <sup>2</sup> /Ha	HWSL		M <sup>2</sup> /Ha
Species and (%)		BF90	%	LA10	%		%						
Even-aged		X	Uneven-aged										
Slope		%	Aspect		L								
Stand Origin:		Old Field	X	Partial Cut		Burn		Unploughed					
		Windfall		Non Forest				Ploughed	X				
		Clear Cut	X	Unknown									
Stand Maturity Class:		Regeneration			Immature	X	Mature		Over-mature				
Stand Stocking:		Understocked			Fully Stocked	X	Overstocked		Patchy				
Density:		SW	2,000	HW									
Advanced Regeneration:		Understocked		X	Fully Stocked		Overstocked		Patchy	X			
Regeneration:		1. Spp. BF		Height	1 m	2. Spp.		Height					
		3. Spp.		Height		4. Spp.		Height					
GROUND OBSERVATIONS													
Ground Vegetation Species Present:		Schreber's moss											
Ground Hemlock		Y / N	X										
Invasive Species Present		Y / N	X	If yes then what species:									
Site Indicators		Y / N	X	If yes then what species:									
ENVIRONMENTAL OBSERVATIONS													
Water Course		N	Bog		Pond		Stream		Seeps		Beaver Present	Y / N	
Drainage:		Poor	Moderate		Good	X	Excellent		Erosion Control Required	Y / N			
Snag Trees:		Adequate	Inadequate	X									
Coarse Woody Material:		Adequate	X	Inadequate									
Dens			Nests (Raptors, songbirds, etc.)										
Wildlife Observed		None observed.											
Comments													
STAND PRESCRIPTION													
No Treatment			Regeneration Cut		Crop Tree Release		Block Cut	X					
Shelterwood Cut			Selection Cut		Patch Cut		Strip Cut						
Commercial Thinning			Afforestation		Site Preparation	X							
Pre-commercial Thinning			Reforestation	X	Riparian Zone Mgmt								
Pln. Maint.		X	Y / N		Stems/Ha								
Comments:		This stand appears to have been commercially thinned in the past. The surrounding stand was recently harvested after hurricane Fiona due to blowdown. As this stand is more exposed now, it may be more prone to blowdown in the future. Monitor for wind events and stand decline and block harvest when appropriate. Could plant WS, BS, WP or WA. No significant advanced regeneration or ground vegetation.											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481270		PLANTATION #		3851632			
PROPERTY #		66019 Wellington Centre		AREA		0.23 ha		Date		3 / 5 / 2023			
										D M Y			
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	RP	37	26	13	40	4							
2	BF	37	25	11	60	5							
3						6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha		SWSL		M <sup>2</sup> /Ha		HW		M <sup>2</sup> /Ha	
Species and (%)		RP80 %		BF10 %		GB10 %							
Even-aged		X		Uneven-aged								Biomass	
Slope		% Aspect		L									
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed		X			
		Windfall		Non Forest				Ploughed					
		Clear Cut		X		Unknown							
Stand Maturity Class:		Regeneration		Immature		X		Mature		Over-mature			
Stand Stocking:		Understocked		Fully Stocked		X		Overstocked		Patchy			
Density:		SW		HW									
Advanced Regeneration:		Understocked		Fully Stocked		X		Overstocked		Patchy			
Regeneration:		1. Spp. BF10		Height 0.1-1.5		2. Spp. RM		Height 1-3 m					
		3. Spp.		Height		4. Spp.		Height					
GROUND OBSERVATIONS													
Ground Vegetation Species Present:		bracken fern, wild rose, wild raisin											
Ground Hemlock		Y / N		X									
Invasive Species Present		Y / N		X		If yes then what species:							
Site Indicators		Y / N		X		If yes then what species:							
ENVIRONMENTAL OBSERVATIONS													
Water Course		N		Bog		Pond		Stream		Seeps		Beaver Present	
Drainage:		Poor		Moderate		Good		X		Excellent		Erosion Control Required	
Snag Trees:		Adequate		X		Inadequate							
Coarse Woody Material:		Adequate		X		Inadequate							
Dens				Nests (Raptors, songbirds, etc.)									
Wildlife Observed		Hawk seen flying overhead.											
Comments													
STAND PRESCRIPTION													
No Treatment				Regeneration Cut				Crop Tree Release				Block Cut X	
Shelterwood Cut				Selection Cut				Patch Cut				Strip Cut	
Commercial Thinning				Afforestation				Site Preparation		X			
Pre-commercial Thinning				Reforestation		X		Riparian Zone Mgmt					
Pln. Maint.		X Y / N		Stems/Ha									
Comments:		Some blowdown is present in the stand (less than 10%). Monitor for signs of severe blowdown or stand decline, then block harvest when signs present. Could plant WS, WP or WA.											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481004		PLANTATION #		3970111			
PROPERTY #		66019 Wellington Centre		AREA		1.84 ha		Date		4 / 5 / 2023			
										D M Y			
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	RM	26	7	12	55	4	WP	26	6	6	55		
2	WB	26	8	12	40	5							
3	EM	26	4	9	45	6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha	SWSL		M <sup>2</sup> /Ha	HW		M <sup>2</sup> /Ha	HWSL		M <sup>2</sup> /Ha
Species and (%)		RM40 %	WB20 %	PO10 %	BF10 %	WA, EM, YB, WP 20%							
Even-aged		X	Uneven-aged		Biomass								
Slope		%	Aspect	L									
Stand Origin:		Old Field	Partial Cut		Burn		Unploughed						
		Windfall	Non Forest				Ploughed						
		Clear Cut	X	Unknown									
Stand Maturity Class:		Regeneration		Immature		X	Mature		Over-mature				
Stand Stocking:		Understocked		Fully Stocked		Overstocked		X	Patchy				
Density:		SW	400	HW	3,000								
Advanced Regeneration:		Understocked		X	Fully Stocked		Overstocked		Patchy		X		
Regeneration:		1. Spp. BF		Height		0.5-4 m		2. Spp. RM		Height		5 m	
		3. Spp. WS		Height		1-3 m		4. Spp. WB		Height		5 m	
GROUND OBSERVATIONS													
Ground Vegetation Species Present:				sensitive fern, goosebrry, common elder, beaked hazelnut									
Ground Hemlock				X	Y / N								
Invasive Species Present					Y / N		X	If yes then what species:					
Site Indicators				X	Y / N			If yes then what species: sensitive fern - wet site					
ENVIRONMENTAL OBSERVATIONS													
Water Course		N	Bog		Pond		Stream		Seeps		Beaver Present	Y / N	
Drainage:		Poor	X	Moderate		Good		Excellent		Erosion Control Required		Y / N	
Snag Trees:		Adequate		Inadequate		X							
Coarse Woody Material:		Adequate		X	Inadequate								
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed		Woodpecker heard in stand.											
Comments													
STAND PRESCRIPTION													
No Treatment				X	Regeneration Cut				Crop Tree Release				Block Cut
Shelterwood Cut					Selection Cut				Patch Cut				Strip Cut
Commercial Thinning					Afforestation				Site Preparation				
Pre-commercial Thinning					Reforestation				Riparian Zone Mgmt				
Pln. Maint.		Y / N		Stems/Ha									
Comments:		This is a failed WP plantation that is now mostly hardwoods regenerated through coppice . The ground looks like it hasn't been plowed (hummocky) with wet depressions. Conifer content is patchy. The stand has a few interesting hardwoods such as yellow birch, white ash and elm, and could be left as is for wildlife and biodiversity values.											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481005 NE		PLANTATION #					
PROPERTY #		66019 Wellington Centre		AREA		1.47 of 2.17 ha		Date	8 /	5 /	2023		
								D	M	Y			
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	RM	80+	25	20	45	4							
2	WB	80+	29	19	40	5							
3	WS	80+	30	19	33	6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha	SWSL		M <sup>2</sup> /Ha	HW		M <sup>2</sup> /Ha	HWSL		M <sup>2</sup> /Ha
Species and (%)		RM40 %	WB20 %	BF20 %	LA10 %	WS, BS 10%							
Even-aged		X	Uneven-aged		Biomass								
Slope		%	Aspect	L									
Stand Origin:		Old Field	X	Partial Cut	Burn	Unploughed							
		Windfall	X	Non Forest	Ploughed		X						
		Clear Cut		Unknown									
Stand Maturity Class:		Regeneration		Immature	Mature	X	Over-mature	X					
Stand Stocking:		Understocked		X	Fully Stocked	Overstocked	Patchy						
Density:		SW	300	HW	1,000								
Advanced Regeneration:		Understocked		Fully Stocked	Overstocked	X	Patchy						
Regeneration:		1. Spp.	BF	Height	0.1-1.5 m	2. Spp.	WB	Height	0.3 m				
		3. Spp.	WS	Height	0.2 m	4. Spp.		Height					
GROUND OBSERVATIONS													
Ground Vegetation Species Present:				bracken fern, wild raisin, beaked hazelnut									
Ground Hemlock				Y / N	X								
Invasive Species Present				Y / N	X	If yes then what species:							
Site Indicators				Y / N	X	If yes then what species:							
ENVIRONMENTAL OBSERVATIONS													
Water Course		N	Bog	Pond	Stream	Seeps	Beaver Present	Y / N					
Drainage:		Poor	Moderate	Good	X	Excellent	Erosion Control Required	Y / N					
Snag Trees:		Adequate	X	Inadequate									
Coarse Woody Material:		Adequate	X	Inadequate									
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed													
Comments													
STAND PRESCRIPTION													
No Treatment		X	Regeneration Cut	Crop Tree Release	Block Cut								
Shelterwood Cut			Selection Cut	Patch Cut	Strip Cut								
Commercial Thinning			Afforestation	Site Preparation									
Pre-commercial Thinning			Reforestation	Riparian Zone Mgmt									
Pln. Maint.		Y / N	Stems/Ha										
Comments:		<u>Overmature WB, WS, PO, BF, with PO and BF dying out of the stand. Lots of snags and some blowdown. Regeneration coming up is thick BF. Could leave for biodiversity values.</u>											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481000		PLANTATION #		3000291			
PROPERTY #		66019 Wellington Centre		AREA		1.7 ha		Date		1 / 5 / 2023			
										D M Y			
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	GB	23	12	10	50	4							
2	LA	23	11.5	10	50	5							
3	PC	23	8.5	9	30	6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha		SWSL		M <sup>2</sup> /Ha		HW		M <sup>2</sup> /Ha	
Species and (%)		GB40 %		LA40 %		PC10 %				WB, BF, WS 10%			
Even-aged		X		Uneven-aged								Biomass	
Slope		1 %		Aspect		S							
Stand Origin:		Old Field		X		Partial Cut		Burn		Unploughed			
		Windfall				Non Forest				Ploughed		X	
		Clear Cut		X		Unknown							
Stand Maturity Class:		Regeneration				Immature		X		Mature		Over-mature	
Stand Stocking:		Understocked				Fully Stocked				Overstocked		X	
Density:		SW 1,000		HW 2,600									
Advanced Regeneration:		Understocked		X		Fully Stocked				Overstocked		Patchy	
Regeneration:		1. Spp. WS		Height 0.5-1.3 m		2. Spp. BF		Height 0.5-1 m					
		3. Spp. PC		Height 3-4 m		4. Spp.		Height					
GROUND OBSERVATIONS													
Ground Vegetation Species Present:		haircap moss, bunchberry, strawberry, raspberry, blackberry, wild raisin											
Ground Hemlock		Y / N		X									
Invasive Species Present		Y / N		X		If yes then what species:							
Site Indicators		Y / N		X		If yes then what species:							
ENVIRONMENTAL OBSERVATIONS													
Water Course		N		Bog		Pond		Stream		Seeps		Beaver Present	
Drainage:		Poor		Moderate		X		Good		Excellent		Erosion Control Required	
Snag Trees:		Adequate		Inadequate		X							
Coarse Woody Material:		Adequate		Inadequate		X							
Dens				Nests (Raptors, songbirds, etc.)									
Wildlife Observed		Chickadees seen in the stand.											
Comments													
STAND PRESCRIPTION													
No Treatment				X		Regeneration Cut				Crop Tree Release		Block Cut	
Shelterwood Cut						Selection Cut				Patch Cut		Strip Cut	
Commercial Thinning						Afforestation				Site Preparation			
Pre-commercial Thinning						Reforestation				Riparian Zone Mgmt			
Pln. Maint.		Y / N		Stems/Ha									
Comments:		Some blowdown is present in this stand (around 10%). Stand is heavy to GB and it appears to be a failed plantation with low density of LA. Would not recommend commercial thinning as the stand does not appear to be windfirm.											

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		481054 E, 481021		PLANTATION #					
PROPERTY #		66019 Wellington Centre		AREA		2.94 of 5.74 ha		Date		28 / 4 / 2023			
										D M Y			
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	RM	80+	35.5	20	50	4							
2	WS	80+	31	18	40	5							
3						6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha	SWSL		M <sup>2</sup> /Ha	HW		M <sup>2</sup> /Ha	HWSL		M <sup>2</sup> /Ha
Species and (%)		RM50	%	PO20	%	WS10	%	BF10	%	WB 10%			
Even-aged		X	Uneven-aged								Biomass		
Slope		%	Aspect		L								
Stand Origin:		Old Field		Partial Cut		X	Burn				Unploughed		X
		Windfall		Non Forest							Ploughed		
		Clear Cut		X	Unknown								
Stand Maturity Class:		Regeneration		Immature		Mature		X	Over-mature		X		
Stand Stocking:		Understocked		Fully Stocked		X	Overstocked		Patchy				
Density:		SW	200	HW	1,800								
Advanced Regeneration:		Understocked		X	Fully Stocked		Overstocked		Patchy		X		
Regeneration:		1. Spp. BF		Height		0.5-5 m		2. Spp. WS		Height		0.3-1 m	
		3. Spp. RM		Height		1.5 m		4. Spp.		Height			
GROUND OBSERVATIONS													
Ground Vegetation Species Present:		beaked hazelnut, wild raisin, bracken fern											
Ground Hemlock		Y / N	X										
Invasive Species Present		Y / N	X	If yes then what species:									
Site Indicators		Y / N	X	If yes then what species:									
ENVIRONMENTAL OBSERVATIONS													
Water Course		Y	Bog	Pond	Stream	X	Seeps	Beaver Present		Y / N			
Drainage:		Poor	Moderate	Good	X	Excellent	Erosion Control Required		Y / N				
Snag Trees:		Adequate	X	Inadequate									
Coarse Woody Material:		Adequate	X	Inadequate									
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed		Holes in snags from woodpeckers seen.											
Comments		Stand is along the Grand River, buffer at least 15 m.											
STAND PRESCRIPTION													
No Treatment		X		Regeneration Cut		Crop Tree Release		Block Cut					
Shelterwood Cut				Selection Cut		Patch Cut		Strip Cut					
Commercial Thinning				Afforestation		Site Preparation							
Pre-commercial Thinning				Reforestation		Riparian Zone Mgmt							
Pln. Maint.		X	Y / N	Stems/Ha									
Comments:		<u>The PO is starting to fall out of the stand and many PO snags were visible. This portion of the stands should receive no treatment, adding to biodiversity values and expanding the riparian buffer. This tally sheet is for approx. 2.94 ha of the 5.74 ha area of stands 481054(partial) and 4810121 (full).</u>											



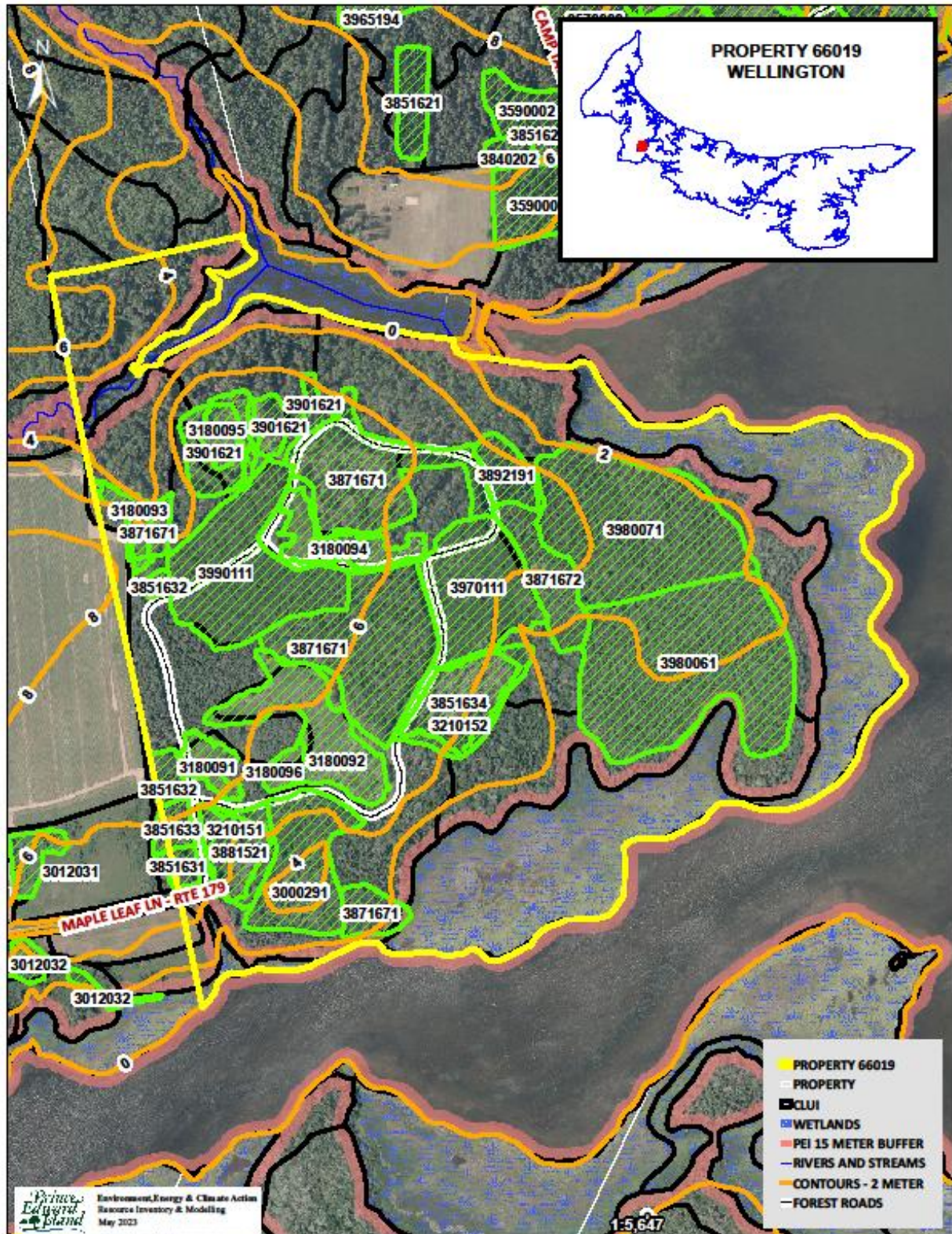
STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481003		PLANTATION #					
PROPERTY #		66019 Wellington Centre		AREA		0.71 ha		Date		4 / 5 / 2023			
								D		M		Y	
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	RM	80+	22	20	50	4							
2	WB	80+	25	20	30	5							
3	BS	80+	24	20	40	6							
STAND INFORMATION													
Stand Basal Area		SW	M <sup>2</sup> /Ha		SWSL	M <sup>2</sup> /Ha		HW	M <sup>2</sup> /Ha		HWSL	M <sup>2</sup> /Ha	
Species and (%)		RM30 %	BS20 %	PO20 %	LA10 %	WB, BF 20%							
Even-aged		X	Uneven-aged		Biomass								
Slope		%	Aspect		L								
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed		X			
		Windfall		Non Forest				Ploughed					
		Clear Cut		X		Unknown							
Stand Maturity Class:		Regeneration		Immature		Mature		X		Over-mature		X	
Stand Stocking:		Understocked		Fully Stocked		X		Overstocked		Patchy			
Density:		SW	1,000		HW	1,400							
Advanced Regeneration:		Understocked		X		Fully Stocked		Overstocked		Patchy			
Regeneration:		1. Spp. BS		Height		1-2 m		2. Spp. BF		Height		0.5-5 m	
		3. Spp.		Height				4. Spp.		Height			
GROUND OBSERVATIONS													
Ground Vegetation Species Present:				sensitive fern, winterberry									
Ground Hemlock				X	Y / N								
Invasive Species Present					Y / N		X	If yes then what species:					
Site Indicators				X	Y / N			If yes then what species: sensitive fern, winterberry - wet site					
ENVIRONMENTAL OBSERVATIONS													
Water Course		N	Bog		Pond		Stream		Seeps		Beaver Present		Y / N
Drainage:		Poor	X	Moderate		X	Good		Excellent		Erosion Control Required		Y / N
Snag Trees:		Adequate		X	Inadequate								
Coarse Woody Material:		Adequate		X	Inadequate								
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed		None observed.											
Comments													
STAND PRESCRIPTION													
No Treatment				X	Regeneration Cut				Crop Tree Release				Block Cut
Shelterwood Cut					Selection Cut				Patch Cut				Strip Cut
Commercial Thinning					Afforestation				Site Preparation				
Pre-commercial Thinning					Reforestation				Riparian Zone Mgmt				
Pln. Maint.		Y / N		Stems/Ha									
Comments:		Some blowdown overmature PO in the stand. Site is very wet. BF component is immature. No treatment recommended at this time as stand can serve biodiversity values.											

STAND TALLY SHEET															
CRUISER		J. LeClair		STAND #		0481057, 0481056		PLANTATION #							
PROPERTY #		66019 Wellington Centre		AREA		4.41 of 4.92 ha		Date		3 / 5 / 2023					
								D		M		Y			
SAMPLE TREE INFORMATION															
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%				
1	RM	65+	18	19	50	4									
2	RS	65+	32	20	50	5									
3	BF	65+	22	18	30	6									
STAND INFORMATION															
Stand Basal Area		SW		M <sup>2</sup> /Ha	SWSL		M <sup>2</sup> /Ha	HW		M <sup>2</sup> /Ha	HWSL		M <sup>2</sup> /Ha		
Species and (%)		RS30	%	RM30	%	BF20	%	BE, WB, GB 20%							
Even-aged		X	Uneven-aged						Biomass						
Slope		%	Aspect		L										
Stand Origin:		Old Field	X	Partial Cut				Burn				Unploughed			
		Windfall	X	Non Forest								Ploughed			
		Clear Cut		Unknown											
Stand Maturity Class:		Regeneration				Immature				Mature		X	Over-mature	X	
Stand Stocking:		Understocked		X	Fully Stocked				Overstocked				Patchy		
Density:		SW	1,000	HW	1,200										
Advanced Regeneration:		Understocked		X	Fully Stocked				Overstocked				Patchy		X
Regeneration:		1. Spp. BF		Height		0.3-3 m		2. Spp. BE		Height		0.5-1 m			
		3. Spp. RM		Height		1 m		4. Spp.		Height					
GROUND OBSERVATIONS															
Ground Vegetation Species Present:		striped maple, bracken fern, sheep laurel													
Ground Hemlock		Y / N	X												
Invasive Species Present		Y / N	X	If yes then what species:											
Site Indicators		X	Y / N	If yes then what species: AI - wet site (possible creek E side of stand)											
ENVIRONMENTAL OBSERVATIONS															
Water Course		Y	Bog		Pond		Stream		Seeps		Beaver Present	Y / N			
Drainage:		Poor	Moderate	X	Good	X	Excellent		Erosion Control Required		Y / N				
Snag Trees:		Adequate	X	Inadequate											
Coarse Woody Material:		Adequate	X	Inadequate											
Dens			Nests (Raptors, songbirds, etc.)												
Wildlife Observed		Crows in area.													
Comments		Mapped creek N of stand and unmapped NE side of stand, buffer 15 m.													
STAND PRESCRIPTION															
No Treatment		X	Regeneration Cut		Crop Tree Release		Block Cut								
Shelterwood Cut			Selection Cut		Patch Cut		Strip Cut								
Commercial Thinning			Afforestation		Site Preparation										
Pre-commercial Thinning			Reforestation		Riparian Zone Mgmt										
Pln. Maint.		Y / N	Stems/Ha												
Comments:		Lots of snags and some blowdown in stand (less than 30% blowdown). Old quad trail and bridge over the unmapped stream was found in the NE corner of stand 0481057. BF in the stand is overmature. This stand should be left for biodiversity values and to protect riparian areas. Tally sheet for stands 481057 and 481056 with a plantation excluded from 481057 giving 4.41 ha.													

STAND TALLY SHEET													
CRUISER		J. LeClair		STAND #		0481269		PLANTATION #		3871671			
PROPERTY #		66019 Wellington Centre		AREA		0.36 ha		Date		4 / 5 / 2023			
								D		M		Y	
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	PO	36	23	20	30	4							
2	BF	36	22	18	25	5							
3	WB	36	12	16	40	6							
STAND INFORMATION													
Stand Basal Area		SW		M <sup>2</sup> /Ha	SWSL		M <sup>2</sup> /Ha	HW		M <sup>2</sup> /Ha	HWSL		M <sup>2</sup> /Ha
Species and (%)		PO30	%	BF30	%	WB20	%	RM20	%				
Even-aged		X	Uneven-aged						Biomass				
Slope		2	%	Aspect		S							
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed		X			
		Windfall		Non Forest				Ploughed					
		Clear Cut		X		Unknown							
Stand Maturity Class:		Regeneration		Immature		X		Mature		Over-mature			
Stand Stocking:		Understocked		Fully Stocked		X		Overstocked		Patchy			
Density:		SW	1,800	HW	1,200								
Advanced Regeneration:		Understocked		X		Fully Stocked		Overstocked		Patchy			
Regeneration:		1. Spp.		BF		Height		1-3 m		2. Spp.		Height	
		3. Spp.				Height				4. Spp.		Height	
GROUND OBSERVATIONS													
Ground Vegetation Species Present:				mosses, old mans beard, thick needle litter.									
Ground Hemlock				Y / N	X								
Invasive Species Present				Y / N	X	If yes then what species:							
Site Indicators				Y / N	X	If yes then what species:							
ENVIRONMENTAL OBSERVATIONS													
Water Course		Y	Bog		Pond		Stream		Seeps		Beaver Present	Y / N	
Drainage:		Poor	Moderate	X	Good		Excellent		Erosion Control Required		Y / N		
Snag Trees:		Adequate	X	Inadequate									
Coarse Woody Material:		Adequate	X	Inadequate									
Dens		Nests (Raptors, songbirds, etc.)											
Wildlife Observed		Snowshoe hare scat.											
Comments													
STAND PRESCRIPTION													
No Treatment		X		Regeneration Cut		Crop Tree Release		Block Cut					
Shelterwood Cut				Selection Cut		Patch Cut		Strip Cut					
Commercial Thinning				Afforestation		Site Preparation							
Pre-commercial Thinning				Reforestation		Riparian Zone Mgmt							
Pln. Maint.		Y / N	Stems/Ha										
Comments:		The stand is 40% blowdown. Immature BF driving up stand density. Leaving this stand could create a larger buffer zone to protect woodlot from wind and protect riparian areas. No treatment recommended.											



# Appendix G. Plantation Map with Contour Lines



## Appendix H. Work Completed

Activity Number	Treatment Code	Amount Completed	Treatment Date	Treatment Description
3160545	111	0.16	2016-10-06	Commercial Softwood > 5000 /Ha
	111	0.15	2016-10-06	Commercial Softwood > 5000 /Ha
	111	0.1	2016-10-06	Commercial Softwood > 5000 /Ha
	111	1.35	2016-10-06	Commercial Softwood > 5000 /Ha
	111	0.47	2016-10-06	Commercial Softwood > 5000 /Ha
	111	0.9	2016-10-06	Commercial Softwood > 5000 /Ha
	111	0.34	2016-10-06	Commercial Softwood > 5000 /Ha
	13	1.7	2019-10-10	Trail Maintenance
	16	1.8	2018-09-04	Misc. Road Maintenance
	16	1.8	2019-10-01	Misc. Road Maintenance
	16	1.9	2022-10-13	Misc. Road Maintenance
3160500	16A	0.24	2016-06-20	Manual roadside trimming (brush saw)
3160504	16B	0.79	2016-07-21	Mechanical roadside trimming
	16B	0.77	2016-05-30	Mechanical roadside trimming
3160508	16B	0.31	2016-08-08	Mechanical roadside trimming
	16B	1.8	2017-08-04	Mechanical roadside trimming
	16B	1.7	2021-03-20	Mechanical roadside trimming
	16C	112	2021-03-31	Shale fill and leveling
3160509	16C	24	2016-08-08	Shale fill and leveling
	16C	70	2021-02-24	Shale fill and leveling
0	2	65.52	1997-07-17	Fill
0	2	36.21	1996-11-13	Fill
3925691	30B	576	1992-06-26	Manual Site Preparation per Site (Hawk)
3180096	30B	504	2018-07-06	Manual Site Preparation per Site (Hawk)
	30B	227	2018-10-10	Manual Site Preparation per Site (Hawk)
3180092	30B	1918	2018-07-06	Manual Site Preparation per Site (Hawk)
3180093	30B	518	2018-07-06	Manual Site Preparation per Site (Hawk)
3180094	30B	787	2018-07-06	Manual Site Preparation per Site (Hawk)
3180095	30B	778	2018-07-06	Manual Site Preparation per Site (Hawk)
3180091	30B	380	2018-07-06	Manual Site Preparation per Site (Hawk)
3220042	30B	2255	2022-07-04	Manual Site Preparation per Site (Hawk)
3220041	30B	832	2022-07-04	Manual Site Preparation per Site (Hawk)
3180091	30B	128	2022-06-28	Manual Site Preparation per Site (Hawk)
3180092	30B	713	2022-06-28	Manual Site Preparation per Site (Hawk)
3180093	30B	128	2022-06-28	Manual Site Preparation per Site (Hawk)
3180094	30B	320	2022-06-28	Manual Site Preparation per Site (Hawk)
3210151	30B	1481	2021-10-26	Manual Site Preparation per Site (Hawk)
3210152	30B	2711	2021-10-26	Manual Site Preparation per Site (Hawk)
3180095	30B	256	2022-06-28	Manual Site Preparation per Site (Hawk)
0	37	1.35	1997-03-27	Brush Raking: Rubber Tired Skidder/Ha
3000291	37	1.72	2000-08-31	Brush Raking: Rubber Tired Skidder/Ha

0	37	3	1997-10-15	Brush Raking: Rubber Tired Skidder/Ha
0	37	4.52	1997-10-15	Brush Raking: Rubber Tired Skidder/Ha
0	38A	1.35	1997-12-01	Slash Pile Burn Less Than 4 Ha.
0	38A	3	1997-12-01	Slash Pile Burn Less Than 4 Ha.
0	38B	4.52	1997-12-01	Slash Pile Burn: Between 4 and 6 Ha
3000161	50WF	2.25	2000-08-10	FILL PLANT AREA - WESTERN
3000221	50WF	3.45	2000-08-10	FILL PLANT AREA - WESTERN
3010221	50WF	2.65	2001-08-14	FILL PLANT AREA - WESTERN
3180095	50WF	0.5	2022-06-28	FILL PLANT AREA - WESTERN
3180094	50WF	0.7	2022-06-28	FILL PLANT AREA - WESTERN
3180093	50WF	0.3	2022-06-28	FILL PLANT AREA - WESTERN
3180092	50WF	1.7	2022-06-28	FILL PLANT AREA - WESTERN
3180091	50WF	0.4	2022-06-28	FILL PLANT AREA - WESTERN
3210151	51W	1416	2021-10-26	BLACK SPRUCE - WESTERN
3210152	51W	2646	2021-10-26	BLACK SPRUCE - WESTERN
3010221	54W	2480	2001-08-14	BALSAM FIR - WESTERN
3980061	55W	12958	1998-06-18	WHITE SPRUCE - WESTERN
3180091	55W	315	2018-07-06	WHITE SPRUCE - WESTERN
3180096	55W	504	2018-07-06	WHITE SPRUCE - WESTERN
3180095	55W	756	2018-07-06	WHITE SPRUCE - WESTERN
3180094	55W	756	2018-07-06	WHITE SPRUCE - WESTERN
3180093	55W	504	2018-07-06	WHITE SPRUCE - WESTERN
3220042	55W	2255	2022-07-04	WHITE SPRUCE - WESTERN
3180092	55WF	649	2022-06-28	FILL PLANT WHITE SPRUCE - WESTERN
3210152	56W	65	2021-10-26	WHITE PINE - WESTERN
3210151	56W	65	2021-10-26	WHITE PINE - WESTERN
3180093	56W	14	2018-07-06	WHITE PINE - WESTERN
3180094	56W	31	2018-07-06	WHITE PINE - WESTERN
3180095	56W	22	2018-07-06	WHITE PINE - WESTERN
3180091	56W	65	2018-07-06	WHITE PINE - WESTERN
3180092	56W	98	2018-07-06	WHITE PINE - WESTERN
3911751	56W	394	1992-02-19	WHITE PINE - WESTERN
3911752	56W	315	1992-02-19	WHITE PINE - WESTERN
3911753	56W	90	1992-02-19	WHITE PINE - WESTERN
3925691	56W	2.28	1992-06-26	WHITE PINE - WESTERN
3925691	56W	576	1992-06-26	WHITE PINE - WESTERN
3970111	56W	3654	1997-06-13	WHITE PINE - WESTERN
3000161	56W	3200	2000-08-10	WHITE PINE - WESTERN
	58WI	48	2018-10-10	INTERPLANT YELLOW BIRCH - WESTERN
3180091	59EF	128	2022-06-28	FILL PLANT EASTERN LARCH - EASTERN
3220041	59W	832	2022-07-04	EASTERN LARCH - WESTERN
3000291	59W	4347	2000-10-30	EASTERN LARCH - WESTERN
3180092	59W	1820	2018-07-06	EASTERN LARCH - WESTERN
3180092	59WF	64	2022-06-28	FILL PLANT EASTERN LARCH - WESTERN
3180093	59WF	128	2022-06-28	FILL PLANT EASTERN LARCH - WESTERN
3180094	59WF	320	2022-06-28	FILL PLANT EASTERN LARCH - WESTERN
3180095	59WF	256	2022-06-28	FILL PLANT EASTERN LARCH - WESTERN

3210151	64WI	45	2022-01-27	INTERPLANT RED OAK - WESTERN
3210152	64WI	60	2022-01-27	INTERPLANT RED OAK - WESTERN
	64WI	90	2018-10-10	INTERPLANT RED OAK - WESTERN
	65WI	89	2018-10-10	INTERPLANT WHITE ASH - WESTERN
3210152	65WI	40	2022-01-27	INTERPLANT WHITE ASH - WESTERN
3210151	65WI	40	2022-01-27	INTERPLANT WHITE ASH - WESTERN
3000221	67W	2205	2000-08-10	NORWAY SPRUCE - WESTERN
3010221	67W	1449	2001-08-14	NORWAY SPRUCE - WESTERN
3980071	67W	9775	1998-06-12	NORWAY SPRUCE - WESTERN
3990111	67W	5460	1999-07-06	NORWAY SPRUCE - WESTERN
3990111	67W	1056	1999-09-23	NORWAY SPRUCE - WESTERN
3980071	82B	3	2000-10-18	Herbicide:Broadcast : 1st Treatment
3980061	82B	4.52	2000-10-18	Herbicide:Broadcast : 1st Treatment
3980061	83F	4.5	2016-03-30	Class 6 Manual Pn Cleaning : 25001 + /Ha >6 meters
3000291	88D	1.47	2008-12-19	Class 4 : Manual : 15001-20000/Ha <6 Metres
0	88D	0.93	1993-11-29	Class 4 : Manual : 15001-20000/Ha <6 Metres
3180095	88D	0.51	2022-01-06	Class 4 : Manual : 15001-20000/Ha <6 Metres
3180096	88D	0.2	2022-01-06	Class 4 : Manual : 15001-20000/Ha <6 Metres
3180091	88D	0.36	2022-01-06	Class 4 : Manual : 15001-20000/Ha <6 Metres
3180092	88D	1.53	2022-01-06	Class 4 : Manual : 15001-20000/Ha <6 Metres
3180093	88D	0.3	2022-01-06	Class 4 : Manual : 15001-20000/Ha <6 Metres
3180094	88M	0.7	2022-01-06	Class 6 : Manual : 25001+/Ha <6 Metres
3980071	88M	3.62	2015-11-06	Class 6 : Manual : 25001+/Ha <6 Metres
3990111	92	2.3	1999-03-29	Clearcut Block
3000291	92	1.72	2001-01-19	Clearcut Block
0	92	1.35	1997-03-27	Clearcut Block
0	92	3	1997-11-27	Clearcut Block
0	92	4.52	1997-11-27	Clearcut Block
	92	3.6	2018-04-01	Clearcut Block
	92	3.9	2020-12-10	Clearcut Block
3220539	92	2.3	2023-01-17	Clearcut Block