

Date: January 9th, 2026

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



Woodlot Management Plan

Property Number: 266718

Location: St-Chrysostome

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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 # 266718 is located on the Higgins Road, Route #11, in the community of St-Chrysostome, P.E.I., (Appendix A). The total area of this property is 6.1 hectares (15 acres) and the midpoint of the property is Latitude N 46.520458 decimal degrees, Longitude W -64.078173 decimal degrees.

This property is part of a group of Provincially owned properties that are identified as the St-Chrysostome Wildlife Management Area. These are public use wildlife management areas as described in the Wildlife Management Act and Wildlife Management Areas Regulations (Schedule B). Protection of wildlife habitat and vegetation is the prime objective of the wildlife management area. A full list of permitted and restricted activities can be found in schedule B of the Wildlife Management Areas Regulations.

Past Information

Local records and previous aerial photography show that all of the property with the exception of the stream and riparian zone to the north of this property was used for agricultural purposes early in the 20th century. To better illustrate this 1935 and 1968 photography can be seen in Appendix B and Appendix C. A White Spruce and a Larch plantation were established on this property in the late 1980's. The LA plantation had significant wind damage from Hurricane Dorian in 2019. It has since been salvaged and the area of the old plantation is regenerating naturally with White Ash and Red Maple predominant.

Property Information

The information in Appendix D has been taken from the 2020 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

There is one stream located at the north end of this property. The water generally flows from east to west and is identified as part of the Barachois stream. A “mapped” wetland is also shown in part of the flood plain of this stream. Both are protected by environmental legislation and are important areas for wildlife habitat. This stream is part of the St-Chrysostome watershed. This observation can be viewed in Appendix A.

Property Access

There are no roads located on the woodlot. The property is adequately accessed from the Higgins Road. A small access culvert is located to the northeast just south of the stream and wetland. This culvert is narrow and would provide access for an ATV or small tractor. However, this culvert is relatively close to the stream and another access point may be required to prevent issues with sedimentation in the stream if any work was being completed. A second culvert and approach is located on the south end from Higgins road that is better suited to larger equipment. Ongoing road

maintenance will be required to keep any road or access point 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 this road usable. The property can be seen on Appendix A.

Property Boundaries

This property is bounded on the south, west, and north by private land. The eastern boundary fronts on the Higgins Road (Rte. #11).

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, West Point and New Glassgow 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 is one plantation 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 . Any additional information may be obtained by contacting a Provincial Forest representative at the District Forestry Office in Wellington.

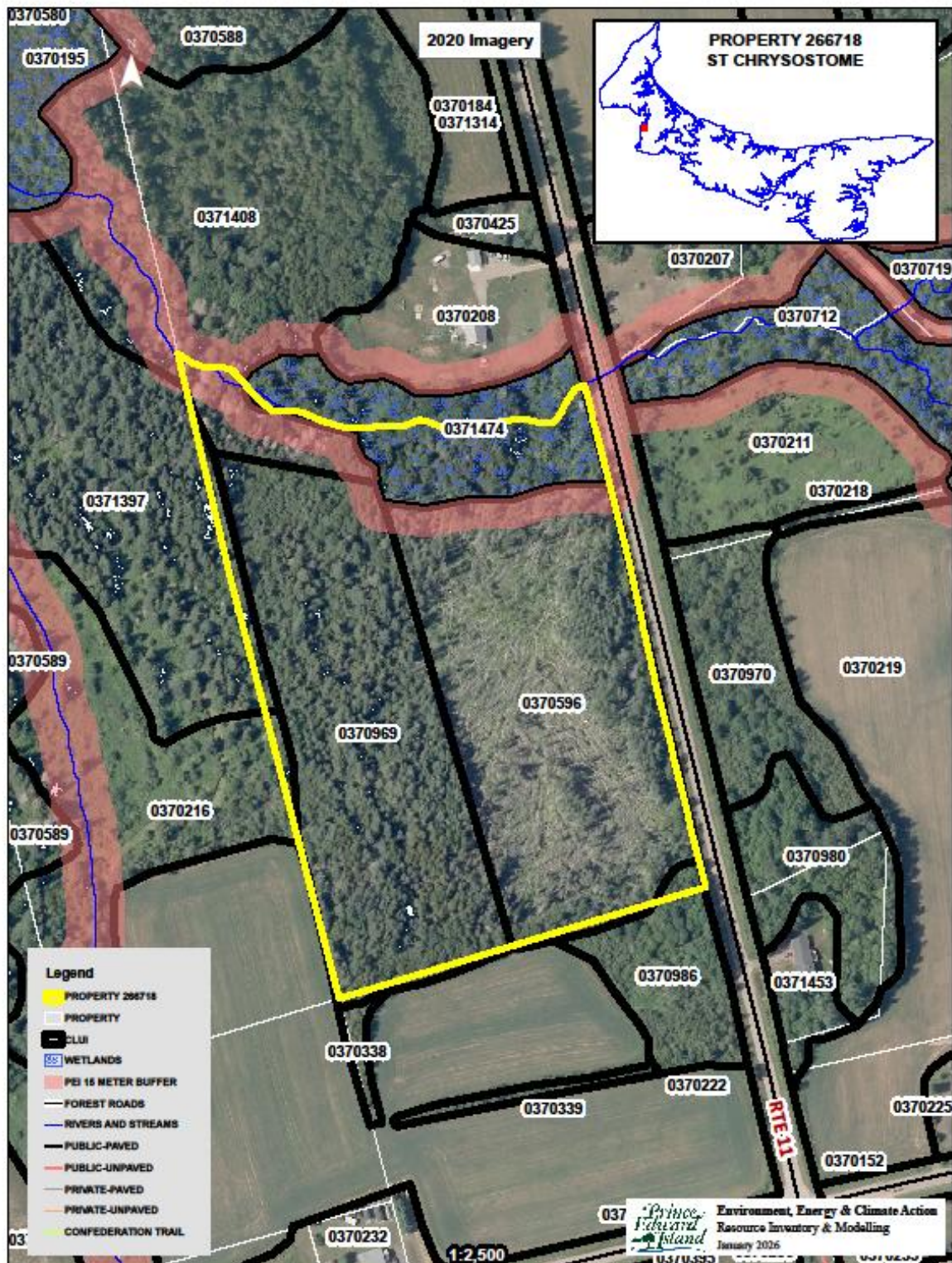
Due to this being a wildlife management area property, any recommended treatments done on this property are done to either enhance or protect wildlife habitat in accordance with the Wildlife Conservation Act.

Table 1. Proposed Treatment Summary.

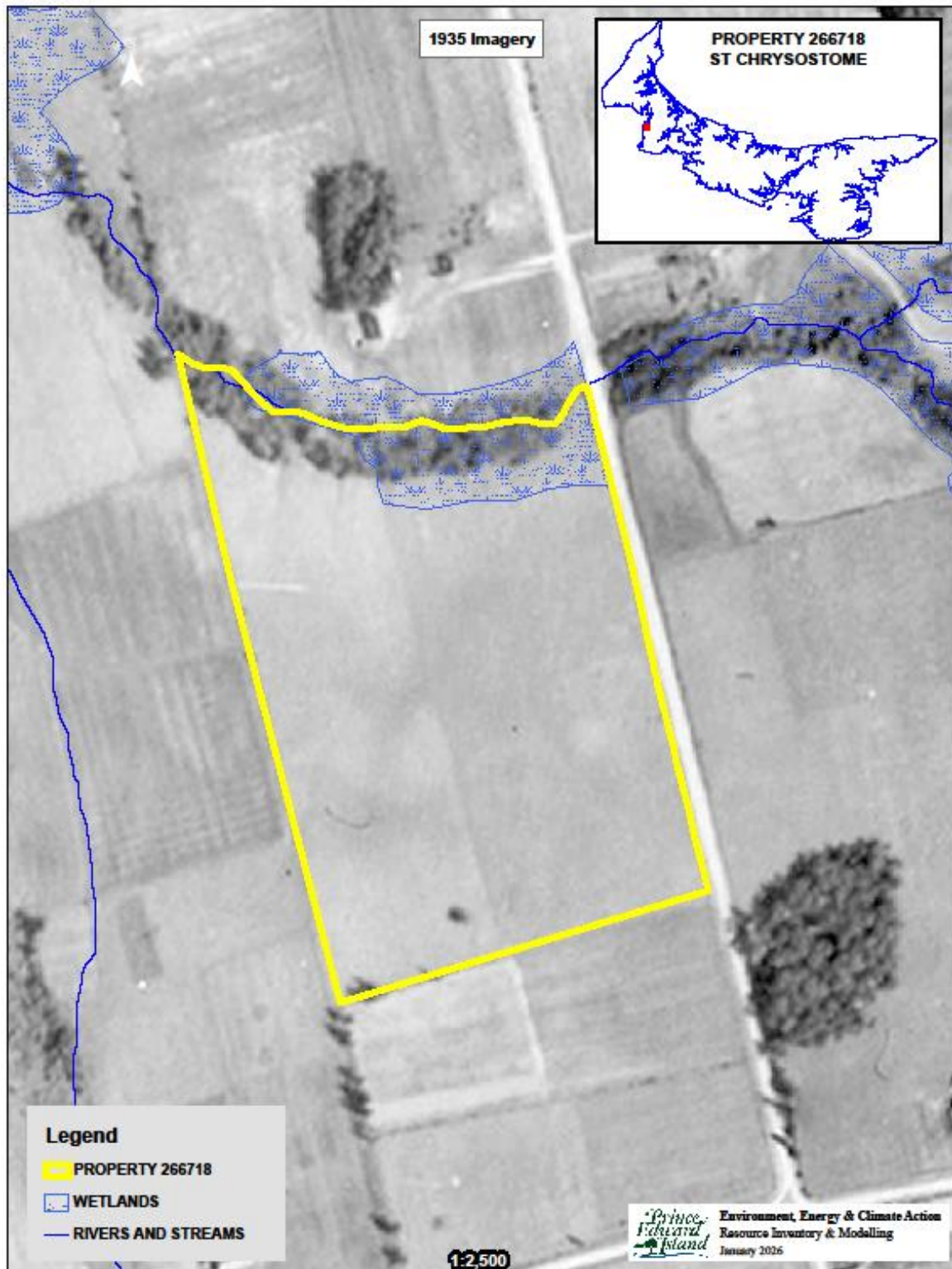
Stand Number and Plantation Number	Treatment Type	Treatment Year	Amount Proposed	2018 Eco-Manual Reference	Comments	Goals
371408, 371474	Invasive Specie Removal	2026	0.9 ha	Pg. 38	Girdle Manitoba Maple and hand pull any smaller regeneration. Permit may be required.	Remove tree specie that is non-native to PEI as it has the ability to outcompete native species that wildlife rely on.

Appendices

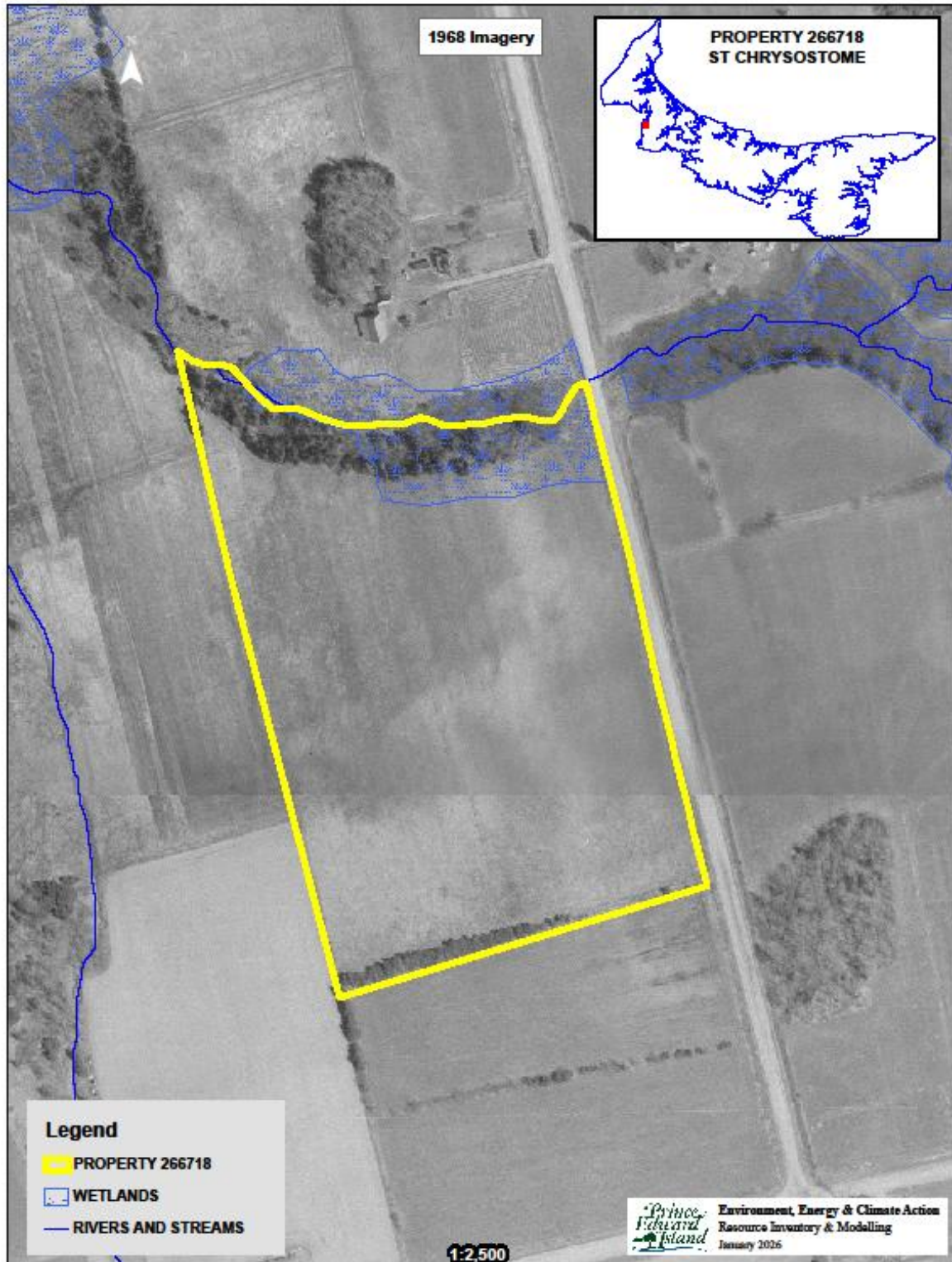
Appendix A. Map of Property with Locator Map



Appendix B. 1935 Aerial Photography



Appendix C. 1968 Aerial Photography



Appendix D. 2020 Corporate Land Use Inventory

FIELDID 2020	HECTARES	FIELDID 2010	COVER1	PER1	COVER2	PER2	COVER3	PER3	COVER4	PER4	COVER5	PER5	HEIGHT	CROWN	WOODSTOCK	Fuel_Code
0370216	0.04	037463	RM	5	WB	2	AL	1	WS	1	PO	1	11	25	IHMV	D2
0370596	2.51	037473	DT	8	LA	1	RM	1		0		0	15	20	LAPR	M4-100
0370969	2.35	037374	LA	5	WB	2	WS	1	AL	1	RM	1	14	75	LAIH	C6
0370986	0.03	037474	RM	6	AL	2	WB	1	PO	1		0	7	75	IHMV	D2
0371397	0.11	037459	LA	9	BS	1		0		0		0	16	65	LAPR	C2
0371408	0.29	037471	RM	4	WS	2	WB	2	AL	1	PO	1	16	65	IHMV	D2
0371474	0.51	037384	RM	3	WS	2	BA	2	PO	2	AL	1	15	75	IHMV	D2

Appendix E. Forest Inventory Codes

EXPLANATION OF FORESTRY CODES:

SPECIES

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

PERCENT

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

CROWN CLOSURE

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

ORIGIN AND HISTORY

BR - Burn	DI - Disease-Insect
BD - Blow Down	OF - Old Field
PC - Partial Cut	PN - Plantation
CC - Clear Cut	HR - Hedgerow
TH - Thinning	EP - 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 overlay 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

BO	Bog	AL	Alders
CL	Clear Land	FL	Flowerage
SO	Swamps-Open	AG	Agriculture Land
EP	Excavation Pit	SD	Sand Dune
PL	Power Line	UR	Urban
C	Cemetery	WW	Water

FOREST GROUND CONDITIONS

SW	Wet-Swampy
ST	Steep
SY	Sandy

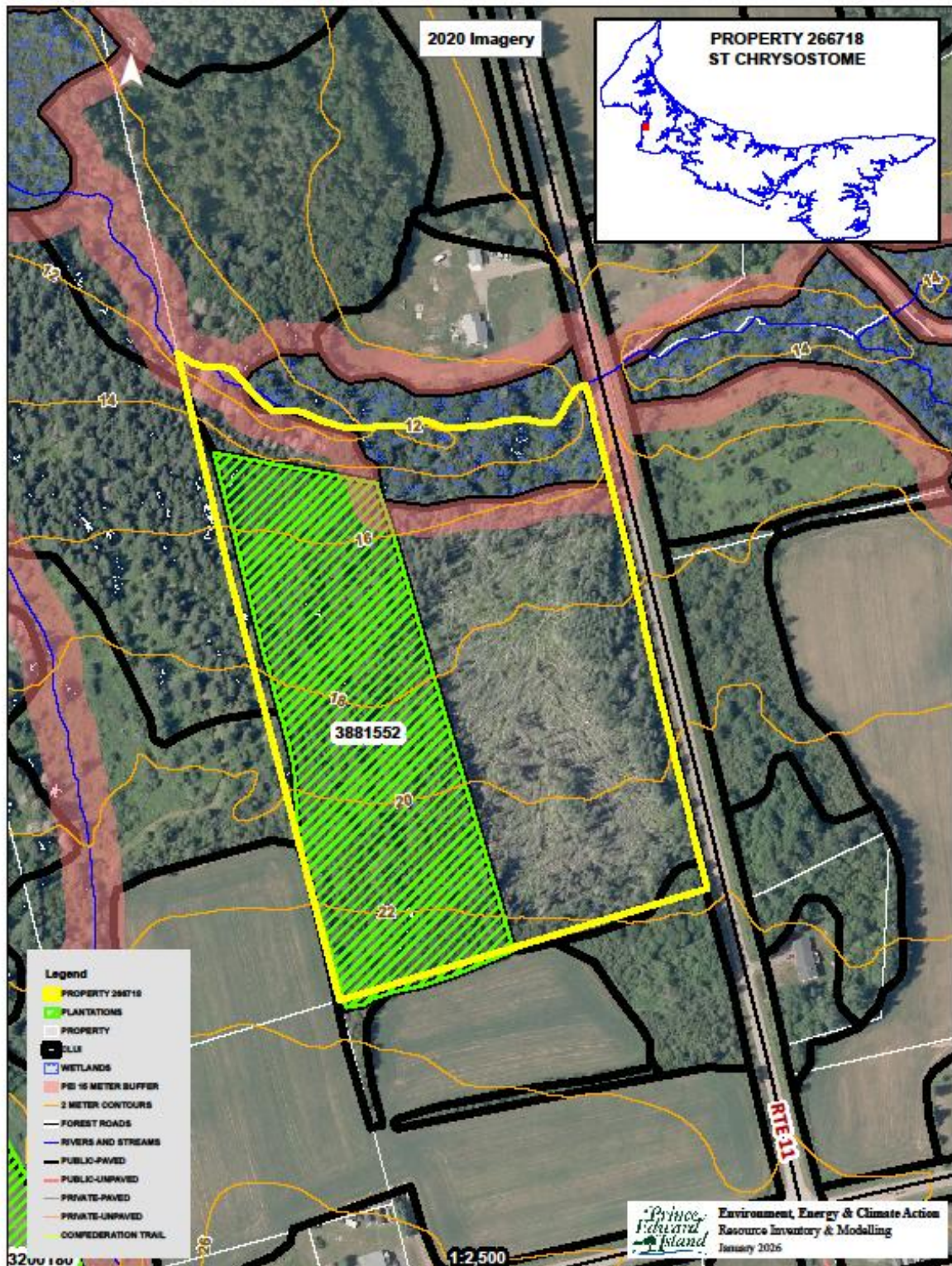
Appendix F. Stand Tally Sheets from on the Ground Assessment

STAND TALLY SHEET												
CRUISER		J. LeClair		STAND #		371408, 371474		PLANTATION #				
PROPERTY #		266718 St-Chrysostome		AREA		0.79 ha		Date		7 / 1 / 2026		
								D		M Y		
SAMPLE TREE INFORMATION												
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	
1	WA	20	8	11	40	4						
2	RM	15	6	6.5	60	5						
3						6						
STAND INFORMATION												
Stand Basal Area		SW	M ² /Ha		SWSL	M ² /Ha		HW	M ² /Ha		HWSL	M ² /Ha
Species and (%)		Al	%	RM	%	WS	%	WA	%	PC, LA, YB, Elm 10%		
Even-aged		Uneven-aged		X						Biomass		
Slope		2 %	Aspect		N							
Stand Origin:		Old Field	X		Partial Cut		Burn		Unploughed		X	
		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	200	HW	4,000							
Advanced Regeneration:		Understocked		X		Fully Stocked				Overstocked		Patchy
Regeneration:		1. Spp. Al		Height		2-5 m		2. Spp. PC		Height		5 m
		3. Spp.		Height				4. Spp.		Height		
GROUND OBSERVATIONS												
Ground Vegetation Species Present:		Beaked hazelnut, wild rose, common elder, alternate leaved dogwood										
Ground Hemlock		Y / N		X								
Invasive Species Present		X		Y / N		If yes then what species:		Manitoba maple				
Site Indicators		X		Y / N		If yes then what species:		red-osier dogwood, sensitive fern - wet				
ENVIRONMENTAL OBSERVATIONS												
Water Course		Y	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		Black capped chickadee										
Comments		Creek had defined banks.										
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.		Y / N	Stems/Ha									
Comments:		<u>Remove invasive specie, Manitoba Maple, from the site (permit may be required). This could be done by girdling, which would provide valuable snags for wildlife. This stand was a mix of immature/mature WS, RM with younger WA, and wetter areas being more heavy to AL.</u>										

STAND TALLY SHEET												
CRUISER	J. LeClair		STAND # 370596, 370986			PLANTATION #						
PROPERTY #	266718 St-Chrysostome		AREA		2.54 ha	Date	7 /	1 /	2026			
							D	M	Y			
SAMPLE TREE INFORMATION												
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	
1	RM	4	0.4	1.4	90	4						
2	WA	4	1	1.8	90	5						
3						6						
STAND INFORMATION												
Stand Basal Area	SW		M ² /Ha	SWSL		M ² /Ha	HW		M ² /Ha	HWSL		M ² /Ha
Species and (%)	WA30	%	RM30	%	PC20	%	LA10	%	Mtn Ash, Al, GB, WB	10%		
Even-aged	X		Uneven-aged							Biomass		
Slope	0	%	Aspect	L								
Stand Origin:	Old Field	X	Partial Cut		Burn		Unploughed					
	Windfall	X	Non Forest				Ploughed	X				
	Clear Cut		Unknown									
Stand Maturity Class:	Regeneration	X	Immature		Mature		Over-mature					
Stand Stocking:	Understocked		Fully Stocked	X	Overstocked		Patchy					
Density:	SW	100	HW	2,200								
Advanced Regeneration:	Understocked		Fully Stocked	X	Overstocked		Patchy					
Regeneration:	1. Spp.	WA	Height	1-2 m	2. Spp.	RM	Height	1-1.5 m				
	3. Spp.		Height		4. Spp.		Height					
GROUND OBSERVATIONS												
Ground Vegetation Species Present:	sensitive fern, red-osier dogwood, grasses, goldenrod, raspberry, elderberry, beaked hazelnut, wildrose											
Ground Hemlock		Y / N	X									
Invasive Species Present		X	Y / N		If yes then what species:	Manitoba Maple N edge						
Site Indicators	X	Y / N			If yes then what species:	sensitive fern, red-osier, alder - wet						
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												
Comments	North side of stand adjacent to mapped wetland and falls within the 15 m buffer.											
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 was an old LA plantation that has since been salvaged after hurricane Dorian in 2019. WA, RM, and WB natural regeneration is at sufficient numbers that planting is not required and natural succession shall occur as the primary goal of the woodlot is wildlife habitat and food.											

STAND TALLY SHEET											
370969, 371397,											
CRUISER	J. LeClair			STAND #	370216			PLANTATION #	3881552		
PROPERTY #	266718 St-Chrysostome			AREA	2.49 ha			Date	7 /	1 /	2026
								D	M	Y	
SAMPLE TREE INFORMATION											
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%
1	WS	38	28	14.5	40	4					
2	LA	38	30	16	35	5					
3						6					
STAND INFORMATION											
Stand Basal Area	SW		M ² /Ha	SWSL		M ² /Ha	HW		M ² /Ha	HWSL	M ² /Ha
Species and (%)	WS60	%	LA20	%	WB10	%	AL, WI, RM, 10%				
Even-aged X	Uneven-aged						Biomass				
Slope	1	%	Aspect	N							
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	Patchy	X	
Density:	SW	2,600	HW	100							
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:			wood fern, shreber's 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: sensitive fern in spots - wet site					
ENVIRONMENTAL OBSERVATIONS											
Water Course	Y	Bog		Pond		Stream		Seeps		Beaver Present	Y / N
Drainage:	Poor	X	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	Red squirrel										
Comments	North side of stand near stream has poorer drainage.										
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:	As this is a wildlife management area, no treatment is recommended at this time. The plantation has some small patches of blowdown which should enhance wildlife habitat.										

Appendix G. Plantation Map with Contour Lines



Appendix H. Work Completed

Activity Number	Treatment Code	Amount Completed	Treatment Date	Treatment Description
	16C	112	2020-12-03	Shale fill and leveling
3250532	170	2.3	2025-08-13	Salvage
	3W	1	2021-01-04	Water Diversion Structure