Date: December 22, 2022

P.E.I.

Public Forests

Woodlot Management Plan

Property Number: 39180

Location: Duvar

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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 39180 is located northwest of the intersection between the Duvar Road (Rte. 146) and the Jerry Road (Rte 148) in the community of Duvar, P.E.I., (Appendix A). The total area of this property is 27.9 hectares (69 acres) and the midpoint of the property is Latitude N 46.4512 decimal degrees, Longitude W -64.1357 decimal degrees.

Past Information

Local records and previous aerial photography show that this property has remained forested. To better illustrate this 1935 and 1968 photography can be seen in Appendix B and Appendix C.

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

There is one unnamed tributary located on this property. The water in this tributary flows from west to east and into Cains Brook. There are also two small designated wetlands on this property. A 15-metre buffer zone is to be maintained adjacent to the watercourse. The wetlands do

not require buffer zones; however, buffers are recommended. A wet drainage area (not designated) is located between stand 011311 and 0101369 (Appendix A).

Property Access

Access to this property is currently obtained directly from the Jerry Road. An existing culvert/access point from the Jerry Road is located within stand 010598 (Appendix A) north of the watercourse. Any wood extraction required south of the water course and north of the undesignated wet drainage area (south boundary of stand 0101369) requires installation of a culvert and landing along the Jerry Road. Access south of the undesignated drainage area (between stand 0101369 and 011311) will be from the Duvar Road and a culvert and landing is required. The Jerry Road and Duvar Road can be seen on Appendix A. Wood haul distances do not warrant construction of an access road.

Property Boundaries

This property is bounded on the north, west and southeast corner by private land. The majority of the south boundary fronts the Duvar Road and most of the east boundary fronts the Jerry Road. A house is present on adjacent private land to the SE (PID 575209). Please refer to Appendix A. This management plan has been developed considering protection from winds of the adjacent private house. A 60 m buffer for wind will be maintained along the respective house lot (PID 575209).

Fire Protection

This property is located within the jurisdiction of the O'Leary 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 Forestry 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 14 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. Table 1 provides a summary of the prescribed treatments on this property. 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.

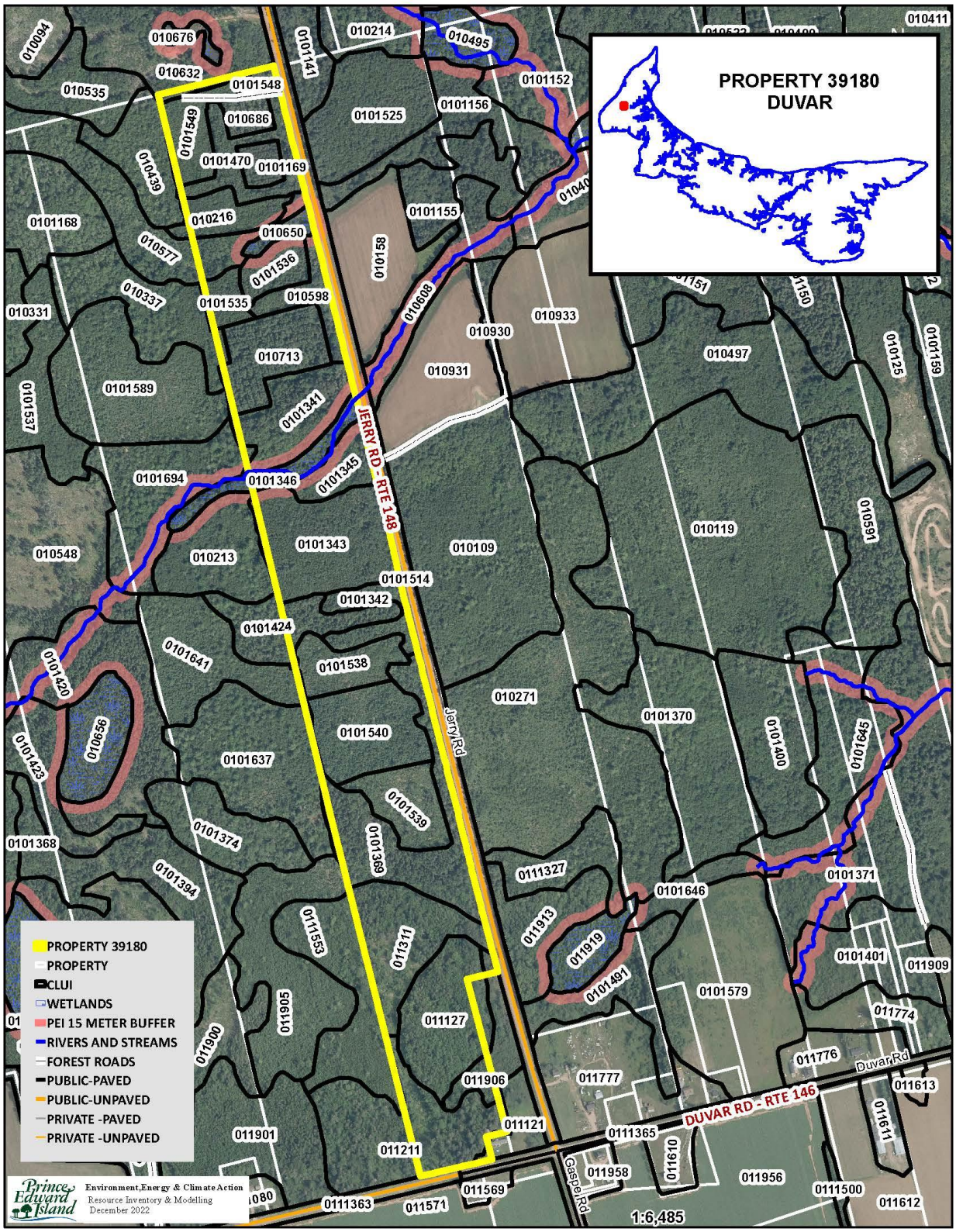
Table 1. Proposed Treatment summary.

Stand Number and Plantation Number	Treatment Type	Treatment Year	Amount Proposed	2018 Eco-Manual Reference	Comments	Goals
ST 10598	Landing	ongoing	0.2 ha	Pg. 12	A culvert provides access to a landing within this stand. Keep landing maintained.	Keep landing operational
ST 101341 PN 484003 (ST 10713)	Block Harvest	2023	2.1 ha	Pg. 30	Tree Improvement section has approved harvest of PN 484003.	Create biodiverse stand post harvest.
ST 101341 PN 484003 (ST 10713)	Manual Site Preparation/Full Planting	2024	2.1 ha	Pg. 16,14	Plant WS. Mix with RO and WP. Natural ingress of HW expected.	Create biodiverse stand post harvest.
ST 101341 PN 484003 (ST 10713)	Manual Plantation Maintenance	2026	2.1 ha	Pg. 17	Eliminate undesirable competing vegetation	Improve growth of crop trees
ST 101369	Block harvest	2026	2.0	Pg. 30	Wood extraction a problem as access to road does not exist in this section. Wet drainage to south of stand and watercourse in north of property.	Salvage declining wood
ST 101369	Manual Site Preparation/Full Planting	2027	2.0	Pg. 16,14	Plant BS. Mix in WA. Natural ingress of SW and HW species expected.	Create biodiverse stand post harvest.
ST 101369	Manual Plantation Maintenance	2010	2.0	Pg. 17	Eliminate undesirable competing vegetation. PO, GB RM and herbaceous expected.	Improve growth of crop trees

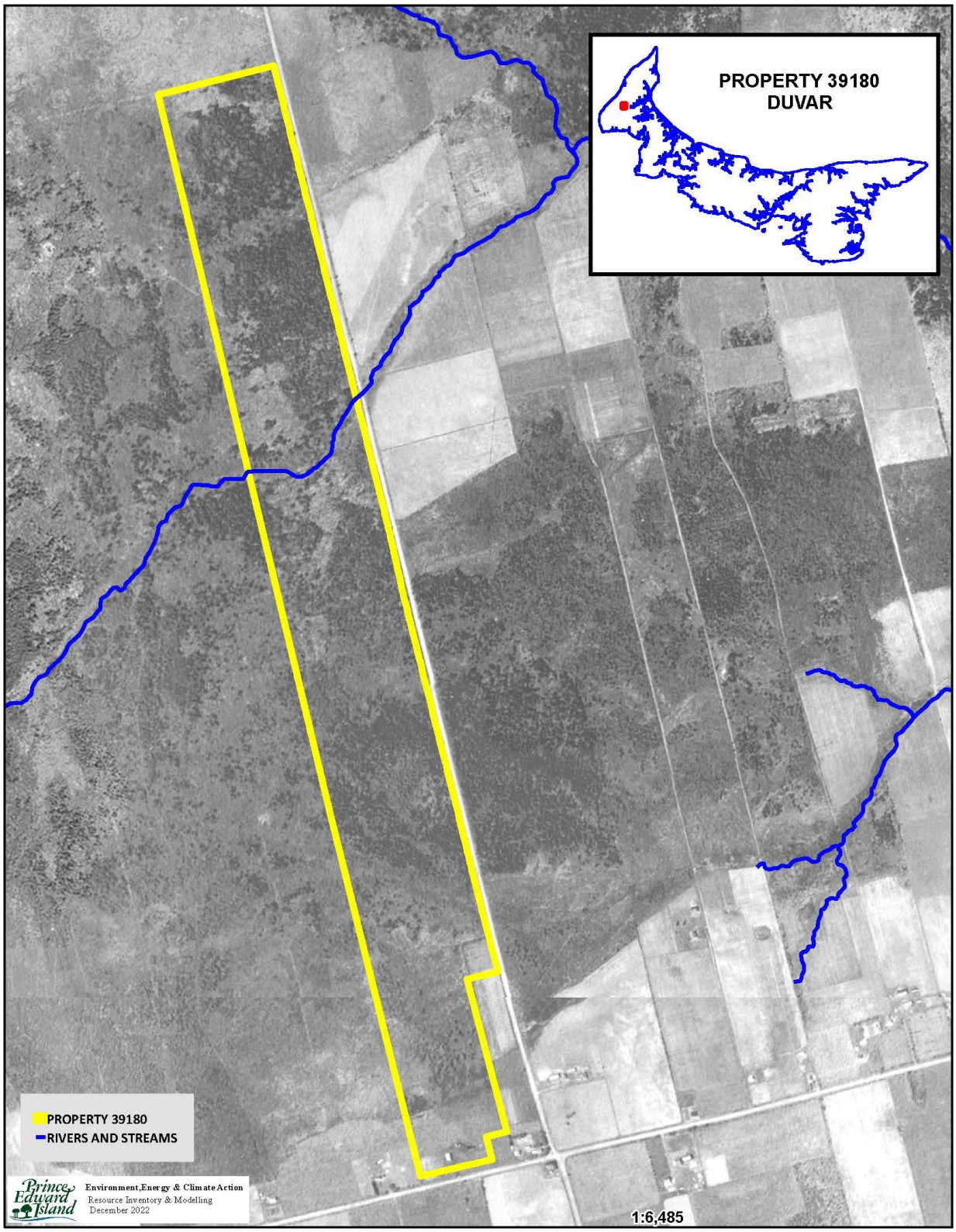
Note: PN=Plantation; ST = Stand

Appendices

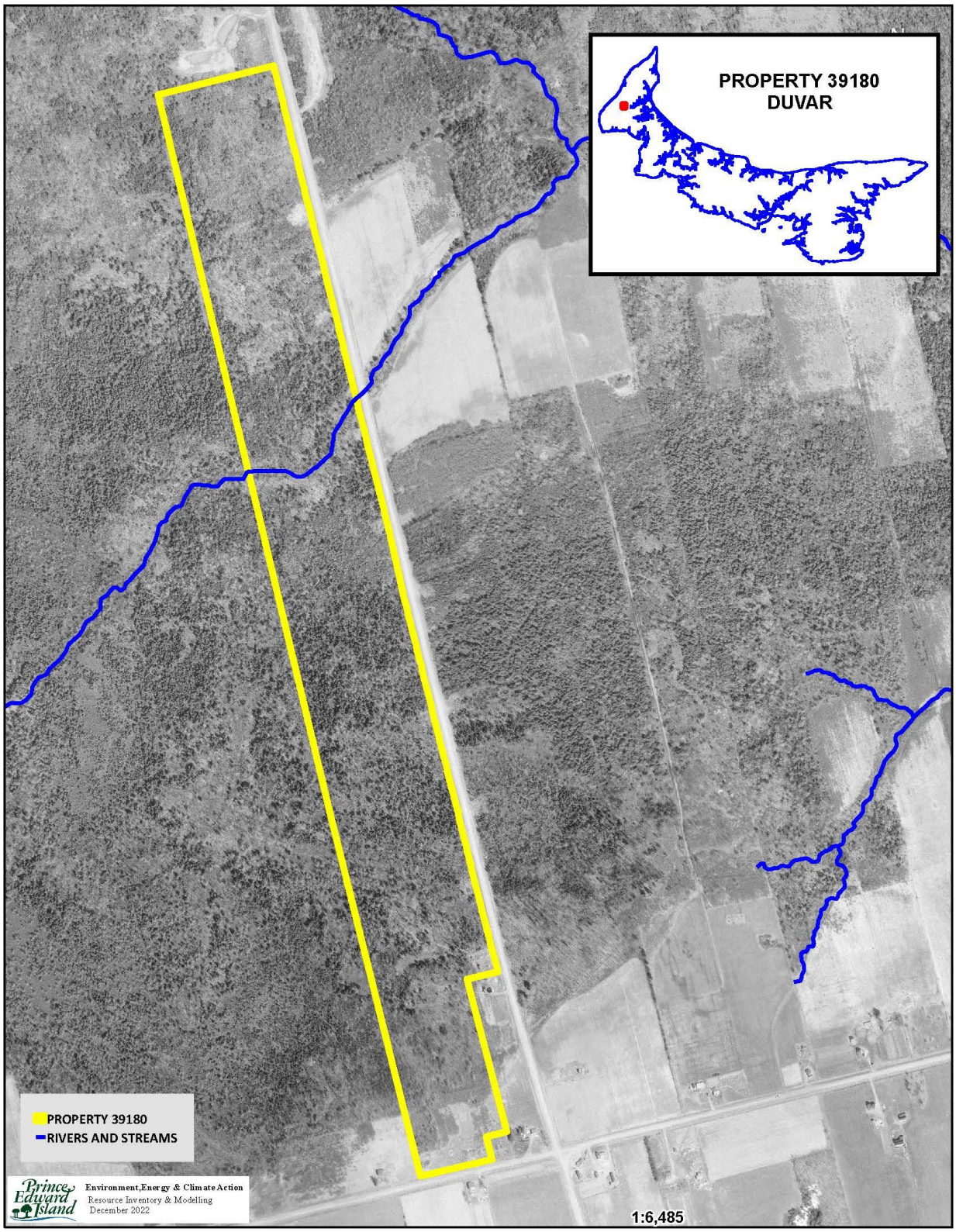
Appendix A. Map of Property with Locator Map



Appendix B. 1935 Aerial Photography



Appendix C. 1968 Aerial Photography



Appendix D. 2010 Corporate Land Use Inventory

FIELDID	COV1	PER1	COV2	PER2	COV3	PER3	COV4	PER4	COV5	HECTARES
101538	CE	9.00	WB	1.00		0.00		0.00		1.00
0101539	CE	8.00	WB	1.00	RM	1.00		0.00		1.17
011211	WS	3.00	LA	2.00	PO	2.00	RM	2.00	WB	1.39
011311	RM	3.00	WS	3.00	LA	3.00	PO	1.00		2.03
010686	WS	10.00		0.00		0.00		0.00		0.37
0101169	RP	10.00		0.00		0.00		0.00		0.36
0101540	LA	8.00	WB	2.00		0.00		0.00		1.92
010713	LA	10.00		0.00		0.00		0.00		1.53
0101341	RS	3.00	PO	3.00	RM	2.00	LA	1.00	BF	1.60
0101343	LA	7.00	WB	2.00	WP	1.00		0.00		2.61
0101369	BS	3.00	LA	2.00	BF	2.00	RM	2.00	PO	2.54
0101548	NS	8.00	WB	2.00		0.00		0.00		0.19
0101536	NS	10.00		0.00		0.00		0.00		0.66
0101424	RS	3.00	LA	2.00	RM	2.00	BF	2.00	PO	0.64
011905	WB	4.00	WS	2.00	LA	2.00	PO	2.00		0.00
011127	RM	4.00	WS	2.00	PO	2.00	WB	1.00	LA	2.04
011906	AL	7.00	RM	2.00	LA	1.00		0.00		0.37
0111553	WB	4.00	WS	2.00	LA	2.00	RM	2.00		0.03
010598	RM	4.00	PO	3.00	RS	2.00	WB	1.00		0.69
010216	CC	10.00		0.00		0.00		0.00		0.72
010577	RM	5.00	WB	2.00	PO	2.00	WS	1.00		0.53
010337	RM	5.00	WB	2.00	BS	1.00	BF	1.00	PO	0.06
0101345	RM	5.00	WB	2.00	WS	2.00	PO	1.00		0.74
0101342	RM	3.00	WB	3.00	BF	2.00	PC	1.00	PO	0.75
0101549	RO	5.00	YB	5.00		0.00		0.00		0.86
010632	PO	4.00	RM	3.00	WB	1.00	WS	1.00	BF	0.13
0101535	YB	10.00		0.00		0.00		0.00		0.41
0101470	RM	4.00	PO	2.00	WB	2.00	BF	1.00	WS	1.08
010439	RM	7.00	PO	1.00	LA	1.00	WS	1.00		0.00
0101694	RM	4.00	PO	3.00	WS	2.00	WB	1.00		0.03
0101641	CC	10.00		0.00		0.00		0.00		0.02
0101637	RM	6.00	PO	2.00	BF	1.00	WB	1.00		0.05
010650	RM	3.00	PO	3.00	WB	2.00	LA	2.00		0.26
0101346	RM	3.00	WB	3.00	LA	2.00	WS	1.00	BS	0.50

Appendix E. Forest Inventory Codes

EXPLANATION OF FOREST 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		

PERCENT		**CROWN CLOSURE**	
0	1 - 9%	**A**	91 % - 100%
1	10 – 19%	**B**	81 % - 90 %
2	20 – 29 %	**C**	71 % - 80 %
3	30 – 39 %	**D**	61 % - 70 %
4	40 – 49 %	**E**	51 % - 60 %
5	50 – 59 %	**F**	41 % - 50 %
6	60 – 69 %	**G**	31 % - 40 %
7	70 – 79 %	**H**	21 % - 30 %
8	80 – 89 %	**I**	11 % - 20 %
9	90 – 100 %	**J**	0 % - 10 %

ORIGIN AND HISTORY

BR	Burn	**DI**	Disease-Insect
WF	Wind Fall	**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 Maple40%
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 over lay 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**	Agricultural Land
EP	Excavation Pit	**SD**	Sand Dune
PL	Power Line	**UR**	Urban
C	Cemetery	**WW**	Water

FOREST GROUND CONDITION

SW	Wet – Swampy
ST	Steep
SY	Sandy

Appendix F. Stand Tally Sheets from on the Ground Assessment

STAND TALLY SHEET

CRUISER	Susan Rankin		STAND #	11211		PLANTATION #	3170041, 3170042		
PROPERTY #	39180		AREA	0.9	ha	Date	23 / 12 / 2022		
							D M Y		

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	WS	5	2	0.5	4				
2	PO	5	4	4	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 (%)	PO4	%	GB4	%	WBRM2	%	WS	%						
Even-aged	X	Uneven-aged												
Slope	level	%	Aspect											
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	20	HW	20,000										
Advanced Regeneration:	Understocked	X	Fully Stocked		Overstocked		Patchy							
Regeneration:	1. Spp.	POGBWB	Height	1.0-4.0m	2. Spp.		Height							
	3. Spp.	RM	Height	1.0-3.0m	4. Spp.		Height							

GROUND OBSERVATIONS

Ground Vegetation Species Present:	raspberry, bunch berry, grass, red osier dogwood, golden rod, aster		
Ground Hemlock	Y / N	X	
Invasive Species Present	Y / N	X	If yes then what species:
Site Indicators	Y / N	N	If yes then what species:

ENVIRONMENTAL OBSERVATIONS

Water Course	N	Bog	N	Pond	N	Stream	N	Seeps	N	Beaver Present	N	Y / N		
Drainage:	Poor	X	Moderate	X	Good		Excellent		Erosion Control Required	N	Y / N			
Snag Trees:	Adequate	X	Inadequate											
Coarse Woody Material:	Adequate	X	Inadequate											
Dens	N	Nests (Raptors, songbirds, etc.)	N											
Wildlife Observed	None Observed													
Comments	No environmental concerns. This stand provides a buffer to a house.													

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:	These are failed plantations due to heavy raspberry, herbaceous, and intolerant HW. The cost to reclaim these sites outweigh the benefits at this stage, therefore, no work is recommended.						

STAND TALLY SHEET

CRUISER	Susan Rankin		STAND #	11211		PLANTATION #			
PROPERTY #	39180		AREA	1	ha	Date	23 / D	12 / M	2022 / Y

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	WS	55	28	17	4				
2					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 (%)	WS5	%	WB2	%	PO1	%	RM2	%						
Even-aged	X	Uneven-aged		HW partial cut										
Slope	level	%	Aspect											
Stand Origin:	Old Field		Partial Cut		Burn		Unploughed							
	Windfall		Non Forest				Ploughed							
	Clear Cut	X	Unknown											
Stand Maturity Class:	Regeneration		Immature		Mature	SWHW	Over-mature	SW						
Stand Stocking:	Understocked		Fully Stocked	X	Overstocked		Patchy							
Density:	SW	600	HW	300										
Advanced Regeneration:	Understocked	X	Fully Stocked		Overstocked		Patchy							
Regeneration:	1. Spp.	BF	Height	0.2-2.0	2. Spp.		Height							
	3. Spp.	RM	Height	0.5-2.0	4. Spp.		Height							

GROUND OBSERVATIONS

Ground Vegetation Species Present: fern, wild raisin, BB, raspberry

Ground Hemlock ___ Y / N X

Invasive Species Present ___ Y / N X If yes then what species: ___

Site Indicators ___ Y / N N If yes then what species: ___

ENVIRONMENTAL OBSERVATIONS

Water Course	N	Bog	N	Pond	N	Stream	N	Seeps	N	Beaver Present	N	Y / N		
Drainage:	Poor	X	Moderate	X	Good		Excellent		Erosion Control Required	N	Y / N			
Snag Trees:	Adequate	X	Inadequate											
Coarse Woody Material:	Adequate	X	Inadequate											
Dens	N	Nests (Raptors, songbirds, etc.)	N											

Wildlife Observed: None Observed

Comments: No environmental concerns. This stand provides a buffer to a house.

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. Main. ___ Y / N ___ Stems/Ha ___

Comments: This stand was retained to provide a wind buffer to the house.

STAND TALLY SHEET

CRUISER	Susan Rankin	STAND #	011906		PLANTATION #				
PROPERTY #	39180	AREA	0.3	ha	Date	23 / D	12 / M	2022 / Y	

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	LA		12	10	4				
2					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 (%) AL9 % SW1 % HW % ____ % ____

Even-aged X Uneven-aged ____

Slope level % Aspect ____

Stand Origin: Old Field ____ Partial Cut ____ Burn ____ Unploughed X

Windfall ____ Non Forest ____ Ploughed ____

Clear Cut X Unknown ____

Stand Maturity Class: Regeneration ____ Immature ____ Mature ____ Over-mature ____

Stand Stocking: Understocked ____ Fully Stocked ____ Overstocked ____ Patchy ____

Density: SW ____ HW ____

Advanced Regeneration: Understocked ____ Fully Stocked ____ Overstocked ____ Patchy ____

Regeneration: 1. Spp. ____ Height ____ 2. Spp. ____ Height ____

3. Spp. ____ Height ____ 4. Spp. ____ Height ____

GROUND OBSERVATIONS

Ground Vegetation Species Present: fern, wild raisin, BB, raspberry

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 ____ Bog ____ Pond ____ Stream ____ Seeps ____ Beaver Present ____ Y / N

Drainage: Poor ____ Moderate ____ Good ____ Excellent ____ Erosion Control Required ____ Y / N

Snag Trees: Adequate ____ Inadequate ____

Coarse Woody Material: Adequate ____ 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: This is a low lying wet area composed of predominantly alder with scattered softwood species. No treatment is recommended.

STAND TALLY SHEET

CRUISER Susan Rankin | STAND # 11127 | PLANTATION #

PROPERTY # 39180 | AREA 2.3 ha | Date 23 / 12 / 2022 (D / M / Y)

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	RM	60?	28	17	4				
2					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 (%): RM7 % | WS1 % | PO1 % | BF 1 % | ____ % | ____ %

Even-aged X | Uneven-aged ____

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 200 | HW 1000

Advanced Regeneration: Understocked ____ | Fully Stocked ____ | Overstocked X

Regeneration: 1. Spp. BF | Height 0.4-1.0m | 2. Spp. ____ | Height ____
3. Spp. RM | Height 0.5 | 4. Spp. ____ | Height ____

GROUND OBSERVATIONS

Ground Vegetation Species Present: wild raisin, fern

Ground Hemlock X | Y / N ____

Invasive Species Present ____ | Y / N N | If yes then what species: ____

Site Indicators ____ | Y / N N | If yes then what species: ____

ENVIRONMENTAL OBSERVATIONS

Water Course N | Bog N | Pond N | Stream N | Seeps N | Beaver Present N | Y / N

Drainage: Poor X | Good ____ | Excellent ____ | Erosion Control Required N | Y / N

Snag Trees: Adequate ____ | Inadequate X

Coarse Woody Material: Adequate ____ | Inadequate X

Dens N | Nests (Raptors, songbirds, etc.) N

Wildlife Observed: None observed at the time of assessment.

Comments: No environmental concerns.

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 maturing RM stand with healthy BF and some RM regen. Leave stand as is. The SW will fall out before the hardwood and will provide snags trees.

STAND TALLY SHEET

CRUISER Susan Rankin | STAND # 11311 | PLANTATION #

PROPERTY # 39180 | AREA 1.5 ha | Date 23 / 12 / 2022 (D / M / Y)

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	WS	55	25	16	4				
2					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 (%): RM 6 % | PO2 % | WS1 % | BF1 % | BS % | ____ %

Even-aged X | Uneven-aged ____

Slope Level % | Aspect ____

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 ____

Stand Stocking: Understocked ____ | Fully Stocked X | Overstocked ____ | Patchy ____

Density: SW 400 | HW 800

Advanced Regeneration: Understocked ____ | Fully Stocked ____ | Overstocked ____

Regeneration: 1. Spp. BF | Height 0.1-1.0m | 2. Spp. ____ | Height ____

3. Spp. ____ | Height ____ | 4. Spp. ____ | Height ____

GROUND OBSERVATIONS

Ground Vegetation Species Present: wild raisin, fern, labrador tea, sheep laurel, bunch berry

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 N | Pond N | Stream N | Seeps Y | Beaver Present N | Y / N

Drainage: Poor X | Good ____ | Excellent ____ | Erosion Control Required N | Y / N

Snag Trees: Adequate X | Inadequate ____

Coarse Woody Material: Adequate X | Inadequate ____

Dens N | Nests (Raptors, songbirds, etc.) N

Wildlife Observed: No wildlife observed at the time of assessment.

Comments: A 15 m buffer is to be retained along the wet drainage area along the north boundary.

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 predominately a HW stand. The commercial SW component was harvested. No work is recommeded at this time.

STAND TALLY SHEET

CRUISER Susan Rankin | STAND # 101369 | PLANTATION #

PROPERTY # 39180 | AREA 2.6 ha | Date 23 / 12 / 2022 (D / M / Y)

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	BS		25	16	4				
2					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 (%): BS5 % | LA1 % | BF1 % | WS1 % | RM1 % | WB1 %

Even-aged X | Uneven-aged ____

Slope level % | Aspect ____

Stand Origin: Old Field ____ | Partial Cut ____ | Burn ____ | Unploughed X

Windfall ____ | Non Forest ____ | Ploughed ____

Clear Cut X | Unknown ____

Stand Maturity Class: Regeneration ____ | Immature ____ | Mature ____ | Over-mature X

Stand Stocking: Understocked ____ | Fully Stocked X | Overstocked ____ | Patchy ____

Density: SW 2200 | HW 200

Advanced Regeneration: Understocked ____ | Fully Stocked ____ | Overstocked X

Regeneration: 1. Spp. BF | Height 0.2-0.4 | 2. Spp. ____ | Height ____

3. Spp. ____ | Height ____ | 4. Spp. ____ | Height ____

GROUND OBSERVATIONS

Ground Vegetation Species Present: bunch berry, sheep laurel, labrador tea, some sphagnum

Ground Hemlock ____ Y / N N

Invasive Species Present ____ Y / N N | If yes then what species: ____

Site Indicators Y Y / N ____ | If yes then what species: labrador tea

ENVIRONMENTAL OBSERVATIONS

Water Course N | Bog N | Pond N | Stream N | Seeps Y | Beaver Present N Y / N

Drainage: Poor X | Good ____ | Excellent ____ | Erosion Control Required N Y / N

Snag Trees: Adequate X | Inadequate ____

Coarse Woody Material: Adequate X | Inadequate ____

Dens N | Nests (Raptors, songbirds, etc.) N

Wildlife Observed: No wildlife observed during assessment.

Comments: Retain a 15 m buffer along the wet draiange along south boundary. Wetter site. Winter Harvest.

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 is a wet site. Block Harvest under frozen ground conditions. Retain a 15 m buffer along the south drainage. Retain RM where possible. Enrichment plant. There is no access to the Jerry Rd.

STAND TALLY SHEET

CRUISER	Susan Rankin		STAND #	101539	PLANTATION #		3020062		
PROPERTY #	39180		AREA	2.1 ha	Date	23 / 12 / 2022			
						D M Y			

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	BS	20	4	4	4				
2					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 (%) CE 3 % BS4 % BF2 % GBPO1 % RM % ____ %

Even-aged X Uneven-aged ____

Slope level % Aspect ____

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 X Overstocked ____ Patchy ____

Density: SW 2500 HW 400

Advanced Regeneration: Understocked ____ Fully Stocked ____ Overstocked ____

Regeneration: 1. Spp. GB Height 2 2. Spp. ____ Height ____

3. Spp. PO Height 2.1 4. Spp. ____ Height ____

GROUND OBSERVATIONS

Ground Vegetation Species Present: Labrador tea, sphagnum, laurel, blueberry, wild raisin

Ground Hemlock ___ Y / N N

Invasive Species Present ___ Y / N N If yes then what species: ____

Site Indicators ___ Y / N ___ If yes then what species: Labrador tea

ENVIRONMENTAL OBSERVATIONS

Water Course N Bog N Pond N Stream N Seeps N Beaver Present N Y / N

Drainage: Poor X Good ____ Excellent ____ Erosion Control Required N Y / N

Snag Trees: Adequate ____ Inadequate X

Coarse Woody Material: Adequate ____ Inadequate X

Dens N Nests (Raptors, songbirds, etc.) N

Wildlife Observed No wildlife observed at the time of assessment.

Comments Soils are sensitive (wet/organic) on this site.

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: A plantation maintenance was completed in 2015. The trees are performing well. No work is recommended at this time.

STAND TALLY SHEET

CRUISER	Susan Rankin		STAND #	101540	PLANTATION #		3020061		
PROPERTY #	39180		AREA	1.9 ha	Date	23 / 12 / 2022			
						D M Y			

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	LA	20	5	7	4				
2					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 (%) LA 4 % BS 3 % GB 1 % RM 1 % ____ % ____ %

Even-aged X Uneven-aged ____

Slope level % Aspect ____

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 2500 HW 500

Advanced Regeneration: Understocked N/A Fully Stocked ____ Overstocked ____

Regeneration: 1. Spp. N/A Height ____ 2. Spp. ____ Height ____

3. Spp. ____ Height ____ 4. Spp. ____ Height ____

GROUND OBSERVATIONS

Ground Vegetation Species Present: Labrador tea, sphagnum, wild raisin, laurel, blueberry

Ground Hemlock ___ Y / N X

Invasive Species Present ___ Y / N N If yes then what species: ____

Site Indicators Y Y / N ___ If yes then what species: labrador tea

ENVIRONMENTAL OBSERVATIONS

Water Course N Bog N Pond N Stream N Seeps N Beaver Present N Y / N

Drainage: Poor N Good ____ Excellent ____ Erosion Control Required N Y / N

Snag Trees: Adequate ____ Inadequate X

Coarse Woody Material: Adequate X Inadequate ____

Dens N Nests (Raptors, songbirds, etc.) N

Wildlife Observed No wildlife observed at the time of harvest.

Comments Soils are very sensitive (wet).

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 larch plantation that underwent a plantation cleaning in 2012. No further work is required.

Tree growth is slow due to the soil conditions (wet/organic).

STAND TALLY SHEET

CRUISER	Susan Rankin	STAND #	0101342 & 0101424	PLANTATION #	
PROPERTY #	39180	AREA	4.1 ha	Date	23 / 12 / 2022 (D / M / Y)

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	LA	42	15	12	4				
2					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 (%) LA4 % BS3 % WB1 % RM1 % GB1 % BF PO %

Even-aged X Uneven-aged ____

Slope level % Aspect ____

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 1800 HW 600

Advanced Regeneration: Understocked ____ Fully Stocked ____ Overstocked ____

Regeneration: 1. Spp. BF Height 0.3m 2. Spp. ____ Height ____

3. Spp. ____ Height ____ 4. Spp. ____ Height ____

GROUND OBSERVATIONS

Ground Vegetation Species Present: Labrador tea, wild raisin

Ground Hemlock ___ Y / N N

Invasive Species Present ___ Y / N N If yes then what species: ____

Site Indicators Y Y / N ___ If yes then what species: Labrador tea

ENVIRONMENTAL OBSERVATIONS

Water Course N Bog N Pond N Stream N Seeps N Beaver Present N Y / N

Drainage: Poor X Good ____ Excellent ____ Erosion Control Required N Y / N

Snag Trees: Adequate ____ Inadequate X

Coarse Woody Material: Adequate ____ Inadequate X

Dens N Nests (Raptors, songbirds, etc.) N

Wildlife Observed None observed at the time of assesment

Comments Soils sensitive (wetter). Winter harvest.

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: These two stands are immature softwood stands with varying density of hardwood throughout. The site is wet. Assess in 10 years time for possible harvest.

STAND TALLY SHEET

CRUISER	Susan Rankin		STAND #	101343	PLANTATION #	3925731			
PROPERTY #	39180		AREA	0.3 ha	Date	23 / 12 / 2022			
						D M Y			

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	BF	30	7	8	4				
2					5				
3					6				

STAND INFORMATION

Stand Basal Area SW 14 M^2/Ha SWSL M^2/Ha HW 2 M^2/Ha HWSL M^2/Ha

Species and (%) GB 5 % RM 2 % WB 1 % BF1 % YB % % %

Even-aged X Uneven-aged

Slope level % Aspect

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 600 HW 9000

Advanced Regeneration: Understocked N/A Fully Stocked Overstocked

Regeneration: 1. Spp. N/A Height 2. Spp. Height
3. Spp. Height 4. Spp. Height

GROUND OBSERVATIONS

Ground Vegetation Species Present:

Ground Hemlock Y / N N

Invasive Species Present Y / N N If yes then what species:

Site Indicators Y / N N If yes then what species:

ENVIRONMENTAL OBSERVATIONS

Water Course Y Bog N Pond N Stream Y Seeps N Beaver Present N Y / N

Drainage: Poor X Good Excellent Erosion Control Required N Y / N

Snag Trees: Adequate Inadequate X

Coarse Woody Material: Adequate Inadequate X

Dens N Nests (Raptors, songbirds, etc.) N

Wildlife Observed No wildlife observed at the time of assessment.

Comments A 15 m buffer is required along the adjacent stream.

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 an unsuccessful YB plantation. Leave as is to develop.

STAND TALLY SHEET

CRUISER Susan Rankin | STAND # 101343 | PLANTATION # 3935041

PROPERTY # 39180 | AREA 2.4 ha | Date 23 / 12 / 2022 (D / M / Y)

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	LA	29	15	12	4				
2					5				
3					6				

STAND INFORMATION

Stand Basal Area SW 14 M^2/Ha | SWSL M^2/Ha | HW 2 M^2/Ha | HWSL M^2/Ha

Species and (%) LA 7 % | GB 1 % | WB 1 % | RM % | WP % | BSBF %

Even-aged X | Uneven-aged

Slope level % | Aspect

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 2200 HW 1800

Advanced Regeneration: Understocked N/A | Fully Stocked | Overstocked

Regeneration: 1. Spp. N/A Height | 2. Spp. Height

3. Spp. Height | 4. Spp. Height

GROUND OBSERVATIONS

Ground Vegetation Species Present: wild raisin, bunch berry, laurel

Ground Hemlock Y / N N

Invasive Species Present Y / N N If yes then what species:

Site Indicators Y / N N If yes then what species:

ENVIRONMENTAL OBSERVATIONS

Water Course N | Bog N | Pond N | Stream N | Seeps N | Beaver Present N Y / N

Drainage: Poor X | Good | Excellent | Erosion Control Required N Y / N

Snag Trees: Adequate X | Inadequate

Coarse Woody Material: Adequate X | Inadequate

Dens N | Nests (Raptors, songbirds, etc.) N

Wildlife Observed: No wildlife observed at the time of assessment.

Comments: Soils are very sensitive (wet). Any wood extraction is to be done in the winter

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 predominately a LA plantation with varying density of GB/PO throughout. Let stand deveop as is. Harvest when mature.

STAND TALLY SHEET

CRUISER Susan Rankin | STAND # 101345 | PLANTATION #

PROPERTY # 39180 | AREA 0.7 ha | Date 23 / 12 / 2022 (D / M / Y)

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	RM		36	18	4				
2					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 (%) ____ % ____ % ____ % ____ % ____ % ____ %

Even-aged ____ Uneven-aged ____

Slope ____ % Aspect ____

Stand Origin: Old Field ____ Partial Cut ____ Burn ____ Unploughed ____

Windfall ____ Non Forest ____ Ploughed ____

Clear Cut ____ Unknown ____

Stand Maturity Class: Regeneration ____ Immature ____ Mature ____ Over-mature ____

Stand Stocking: Understocked ____ Fully Stocked ____ Overstocked ____ Patchy ____

Density: SW ____ HW ____

Advanced Regeneration: Understocked ____ Fully Stocked ____ Overstocked ____

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 ____ Bog ____ Pond ____ Stream ____ Seeps ____ Beaver Present ____ Y / N

Drainage: Poor ____ Good ____ Excellent ____ Erosion Control Required ____ Y / N

Snag Trees: Adequate ____ Inadequate ____

Coarse Woody Material: Adequate ____ Inadequate ____

Dens ____ Nests (Raptors, songbirds, etc.) ____

Wildlife Observed ____

Comments This stand provides a buffer to the stream.

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 stand was not assessed. It is a mature HW dominant stand. This stand provides a buffer to the stream. No work is recommended.

STAND TALLY SHEET

CRUISER Joanna LeClair | STAND # 101341 | PLANTATION #

PROPERTY # 39180 | AREA 1.6 ha | Date 30 / 11 / 2022 (D / M / Y)

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	BF	64	26	16	4				
2	WS	64	27	16	5				
3	RM	64	27	17	6				

STAND INFORMATION

Stand Basal Area: SW 6 M^2/Ha | SWSL 4 M^2/Ha | HW 22 M^2/Ha | HWSL M^2/Ha

Species and (%): RM3 % | PO2 % | BF3 % | WS2 % | % | %

Even-aged X | Uneven-aged

Slope 2 % | Aspect S

Stand Origin: Old Field | Partial Cut | Burn | Unploughed
Windfall | Non Forest | Ploughed
Clear Cut X | Unknown

Stand Maturity Class: Regeneration | Immature | Mature HW | Over-mature SW

Stand Stocking: Understocked X | Fully Stocked | Overstocked | Patchy

Density: SW 400 | HW 1400

Advanced Regeneration: Understocked | Fully Stocked | Overstocked X

Regeneration: 1. Spp. BF | Height 0.5-1.3 m | 2. Spp. | Height
3. Spp. | Height | 4. Spp. | Height

GROUND OBSERVATIONS

Ground Vegetation Species Present: bunch berry, wild raisin, fern, ground hemlock, bracken fern, other fern and moss species.

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 Y | Bog N | Pond N | Stream Y | Seeps N | Beaver Present N | Y / N

Drainage: Poor Mod | Good | Excellent | Erosion Control Required N | Y / N

Snag Trees: Adequate X | Inadequate

Coarse Woody Material: Adequate X | Inadequate

Dens N | Nests (Raptors, songbirds, etc.) N

Wildlife Observed: None observed

Comments: Leave, at minimum, a 15 m buffer

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 is a mixedwood stand with the softwood mature to overmature and in decline. Harvest softwood dominant part of stand. Avoid patches of balsam fir regeneration where possible. Plant WS WP RS.

STAND TALLY SHEET

CRUISER Susan Rankin | STAND # 10713 | PLANTATION # 484003

PROPERTY # 39180 | AREA 1.4 ha | Date 30 / 11 / 2022 (D / M / Y)

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	LA	38	25	14	4				
2					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 (%): LA10 % ____ % ____ % ____ % ____ % ____ %

Even-aged X | Uneven-aged ____

Slope level % | Aspect ____

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 X | Overstocked ____ | Patchy ____

Density: SW 1800 | HW ____

Advanced Regeneration: Understocked X | Fully Stocked ____ | Overstocked ____

Regeneration: 1. Spp. BF | Height 1.5 | 2. Spp. ____ | Height ____

3. Spp. RM | Height 2 | 4. Spp. ____ | Height ____

GROUND OBSERVATIONS

Ground Vegetation Species Present: wild raisin, bunch berry, fern, wild strawberry, sensitive fern, bracken fern, red osier dogwood, raspberry, dewberry

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 N | Pond N | Stream N | Seeps N | Beaver Present N Y / N

Drainage: Poor Mod | Good ____ | Excellent ____ | Erosion Control Required N Y / N

Snag Trees: Adequate X | Inadequate ____

Coarse Woody Material: Adequate X | Inadequate ____

Dens N | Nests (Raptors, songbirds, etc.) N

Wildlife Observed: None observed at the time of assessment

Comments: No environmental concerns.

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: LA stand that is a 'tree improvement' area. A PSP has been established in this stand. The stand was commercially thinned in 2009. Lots of blowdown after hurricane Fiona. Block harvest to salvage timber. Some patchy balsam fir regen to avoid during harvest operations. Could plant WS,WP, RS.

STAND TALLY SHEET

CRUISER	Susan Rankin		STAND #	101535	PLANTATION #	3040081			
PROPERTY #	39180		AREA	0.4 ha	Date	23 / 12 / 2022			
						D M Y			

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	BF	18	4	6	4				
2					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 (%) GB 3 % BF 3 % PO 2 % PC 1 % RM 2 % WB %

Even-aged X Uneven-aged ____

Slope level % Aspect ____

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 1200 HW 9000

Advanced Regeneration: Understocked ____ Fully Stocked ____ Overstocked ____

Regeneration: 1. Spp. ____ Height ____ 2. Spp. ____ Height ____

3. Spp. ____ Height ____ 4. Spp. ____ Height ____

GROUND OBSERVATIONS

Ground Vegetation Species Present: aster, fern, bunch berry, strawberry, wild raisin, dewberry

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 N Pond N Stream N Seeps N Beaver Present N Y / N

Drainage: Poor ____ Good ____ Excellent ____ Erosion Control Required N Y / N

Snag Trees: Adequate ____ Inadequate X

Coarse Woody Material: Adequate X Inadequate ____

Dens N Nests (Raptors, songbirds, etc.) N

Wildlife Observed None observed at the time of assessment

Comments No environmnetal concerns

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 yellow birch planation. No yellow birch was observed. Let the stand develop as is.

STAND TALLY SHEET

CRUISER	Susan Rankin		STAND #	101536	PLANTATION #	3030131			
PROPERTY #	39180		AREA	0.7 ha	Date	23 / 12 / 2022			
						D M Y			

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	BF	28	4	5	4				
2					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 (%)	NS5	%	BF2	%	RM1	%	WB	%	PO1	%	GB1	%							
Even-aged	X		Uneven-aged																
Slope	level	%	Aspect																
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	X		Overstocked				Patchy								
Density:	SW	1800	HW	400															
Advanced Regeneration:	Understocked	x		Fully Stocked			Overstocked												
Regeneration:	1. Spp.	BF2		Height	0.2-0.5		2. Spp.			Height									
	3. Spp.			Height			4. Spp.			Height									

GROUND OBSERVATIONS

Ground Vegetation Species Present: aster, fern, bunch berry, strawberry, 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 N Pond N Stream N Seeps N Beaver Present N Y / N

Drainage: Poor X Good Excellent Erosion Control Required N Y / N

Snag Trees: Adequate Inadequate X

Coarse Woody Material: Adequate Inadequate X

Dens N Nests (Raptors, songbirds, etc.) N

Wildlife Observed None observed at the time of assessment

Comments No environmnetal concerns

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	36,000						

Comments: This is a NS plantation. A plantation maintenance was conducted in 2015. No work is required at this time.

STAND TALLY SHEET

CRUISER Susan Rankin | STAND # 10598 | PLANTATION #

PROPERTY # 39180 | AREA 0.7 ha | Date 23 / 12 / 2022 (D / M / Y)

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	PO		35	18	4				
2					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 (%) PO5 % RM3 % WB1 % BF1 % GB % WS %

Even-aged ____ Uneven-aged X

Slope level % Aspect ____

Stand Origin: Old Field ____ Partial Cut ____ Burn ____ Unploughed ____

Windfall ____ Non Forest ____ Ploughed ____

Clear Cut X Unknown ____

Stand Maturity Class: Regeneration X Immature ____ Mature X Over-mature ____

Stand Stocking: Understocked ____ Fully Stocked X Overstocked ____ Patchy ____

Density: SW 400 HW 1800

Advanced Regeneration: Understocked ____ Fully Stocked ____ Overstocked ____

Regeneration: 1. Spp. ____ Height ____ 2. Spp. ____ Height ____

3. Spp. ____ Height ____ 4. Spp. ____ Height ____

GROUND OBSERVATIONS

Ground Vegetation Species Present: ____

Ground Hemlock ____ Y / N X

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 N Pond N Stream N Seeps N Beaver Present N Y / N

Drainage: Poor mod Good ____ Excellent ____ Erosion Control Required N Y / N

Snag Trees: Adequate X Inadequate ____

Coarse Woody Material: Adequate X Inadequate ____

Dens N Nests (Raptors, songbirds, etc.) N

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: This stand is predominantly the access and landing area for the property. Most of the site is natural regen of GB, AL, and WS. Standing timber (mostly HW) borders the Jerry Road R-O-W. Keep landing operational (brushed). No silviculture work is recommended. Pick up garbage on-site.

STAND TALLY SHEET

CRUISER Susan Rankin | STAND # 10216 | PLANTATION #

PROPERTY # 39180 | AREA 0.7 ha | Date 23 / 12 / 2022 (D / M / Y)

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	BF	15	4	4	4				
2					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 (%) RM 2 % GB 3 % BF 2 % BS 1 % PO2 % ____ %

Even-aged X Uneven-aged ____

Slope level % Aspect ____

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 X Overstocked ____ Patchy ____

Density: SW 1000 HW 9900

Advanced Regeneration: Understocked ____ Fully Stocked ____ Overstocked ____

Regeneration: 1. Spp. ____ Height ____ 2. Spp. ____ Height ____

3. Spp. ____ Height ____ 4. Spp. ____ Height ____

GROUND OBSERVATIONS

Ground Vegetation Species Present: bracken fern, grass, bunch berry, labrador tea, wild raisin, aster

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 N Pond N Stream N Seeps N Beaver Present N Y / N

Drainage: Poor X Good ____ Excellent ____ Erosion Control Required N Y / N

Snag Trees: Adequate ____ Inadequate X

Coarse Woody Material: Adequate ____ Inadequate X

Dens N Nests (Raptors, songbirds, etc.) N

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. X Y / N ___ Stems/Ha 12,000

Comments: This is a clearcut area that was not planted and has regenerated naturally. Let the stand develop naturally.

STAND TALLY SHEET

CRUISER Susan Rankin | STAND # 101470 | PLANTATION #

PROPERTY # 39180 | AREA ha | Date 23 / 12 / 2022 (D / M / Y)

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	LA		8	11	4				
2					5				
3					6				

STAND INFORMATION

Stand Basal Area SW 8 M^2/Ha | SWSL M^2/Ha | HW 6 M^2/Ha | HWSL M^2/Ha

Species and (%) LA 3 % | GB 3 % | RM 2 % | WB 1 % | PO 1 % |

Even-aged X | Uneven-aged

Slope level % | Aspect

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 X | Overstocked | Patchy

Density: SW 1600 HW 1600

Advanced Regeneration: Understocked X | Fully Stocked | Overstocked

Regeneration: 1. Spp. BF Height 0.5-4.0 | 2. Spp. Height

3. Spp. Height | 4. Spp. Height

GROUND OBSERVATIONS

Ground Vegetation Species Present: bracken fern, fern, wild raisen, bunch berry, blueberry

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 N | Pond N | Stream N | Seeps N | Beaver Present N Y / N

Drainage: Poor X | Good | Excellent | Erosion Control Required N Y / N

Snag Trees: Adequate X | Inadequate

Coarse Woody Material: Adequate X | Inadequate

Dens N | Nests (Raptors, songbirds, etc.) N

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: This is an immature mixedwood stand that naturally regenerated. Leave to develop naturally.

STAND TALLY SHEET

CRUISER	Susan Rankin		STAND #	101549	PLANTATION #	3030151			
PROPERTY #	39180		AREA	0.6 ha	Date	23 / 12 / 2022			
						D M Y			

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	BF	18	5	6	4				
2	RO	19	7	7	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 (%) GB 5 % WB 1 % RM 1 % BS 1 % BF 1 % RO 1 %

Even-aged X Uneven-aged ____

Slope level % Aspect ____

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 1000 HW 9900

Advanced Regeneration: Understocked ____ Fully Stocked ____ Overstocked ____

Regeneration: 1. Spp. ____ Height ____ 2. Spp. ____ Height ____

3. Spp. ____ Height ____ 4. Spp. ____ Height ____

GROUND OBSERVATIONS

Ground Vegetation Species Present: labrador tea, sheeps laurel, bunch berry, blueberry

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: labrador tea

ENVIRONMENTAL OBSERVATIONS

Water Course N Bog N Pond N Stream N Seeps N Beaver Present N Y / N

Drainage: Poor X Good ____ Excellent ____ Erosion Control Required N Y / N

Snag Trees: Adequate ____ Inadequate X

Coarse Woody Material: Adequate ____ Inadequate X

Dens N Nests (Raptors, songbirds, etc.) N

Wildlife Observed None observed.

Comments No environmental concerns

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 is a red oak and yellow birch plantation. A number of red oak are doing well. YB was not seen. There is an abundant amout of BF and BS ingress. A plantation maintenance can be completed favoring RO and YB. Pre-flag trees if necessary. This will be a mixwood stand.

STAND TALLY SHEET

CRUISER Susan Rankin | STAND # 101549 | PLANTATION # 3040083

PROPERTY # 39180 | AREA 0.2 ha | Date 23 / 12 / 2022 (D / M / Y)

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	RM		5	7	4				
2					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 (%): GB 5 % | WB 1 % | RM 2 % | PO 1 % | BF 1 % | ____ %

Even-aged X | Uneven-aged ____

Slope level % | Aspect ____

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 200 | HW 9900

Advanced Regeneration: Understocked ____ | Fully Stocked ____ | Overstocked ____

Regeneration: 1. Spp. ____ Height ____ | 2. Spp. ____ Height ____

3. Spp. ____ Height ____ | 4. Spp. ____ Height ____

GROUND OBSERVATIONS

Ground Vegetation Species Present: ____

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 N | Pond N | Stream N | Seeps N | Beaver Present N Y / N

Drainage: Poor X | Good ____ | Excellent ____ | Erosion Control Required N Y / N

Snag Trees: Adequate ____ | Inadequate X

Coarse Woody Material: Adequate ____ | Inadequate X

Dens N | Nests (Raptors, songbirds, etc.) N

Wildlife Observed: None observed.

Comments: No environmental concerns

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: This is an unsuccesul YB plantation. No YB was observed. There is not enough BF or SW to warrant a plantation cleaning. Leave this stand to deveop as is.

STAND TALLY SHEET

CRUISER Susan Rankin | STAND # 101543 | PLANTATION # 3040084

PROPERTY # 39180 | AREA 0.2 ha | Date 23 / 12 / 2022 (D / M / Y)

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	RM	22	5	6	4				
2					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 (%): GB 5 % | WB 1 % | RM 2 % | PC 1 % | BF 1 % | ____ %

Even-aged X | Uneven-aged ____

Slope level % | Aspect ____

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 200 | HW 9900

Advanced Regeneration: Understocked ____ | Fully Stocked ____ | Overstocked ____

Regeneration: 1. Spp. ____ Height ____ | 2. Spp. ____ Height ____

3. Spp. ____ Height ____ | 4. Spp. ____ Height ____

GROUND OBSERVATIONS

Ground Vegetation Species Present: ____

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 N | Pond N | Stream N | Seeps N | Beaver Present N Y / N

Drainage: Poor mod | Good ____ | Excellent ____ | Erosion Control Required N Y / N

Snag Trees: Adequate ____ | Inadequate X

Coarse Woody Material: Adequate ____ | Inadequate X

Dens N | Nests (Raptors, songbirds, etc.) N

Wildlife Observed: None observed.

Comments: No environmental concerns

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: This is an unsuccesul NS plantation. No NS was observed. There is not enough BF or SW to warrant a plantation maintenance. Leave this stand to deveop as is.

STAND TALLY SHEET

CRUISER	Susan Rankin		STAND #	10686	PLANTATION #	484001			
PROPERTY #	39180		AREA	0.4 ha	Date	23 / 12 / 2022			
						D M Y			

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	WS	38	26	16	4				
2					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 (%)	WS10	%		%		%		%		%		%		%					
Even-aged	X	Uneven-aged																	
Slope	level	%	Aspect																
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	X	Overstocked		Patchy												
Density:	SW	1800	HW																
Advanced Regeneration:	Understocked		Fully Stocked		Overstocked														
Regeneration:	1. Spp.	BF	Height	0.4 m	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	N	Pond	N	Stream	N	Seeps	N	Beaver Present	N	Y / N							
Drainage:	Poor	mod	Good		Excellent					Erosion Control Required	N	Y / N							
Snag Trees:	Adequate		Inadequate	X															
Coarse Woody Material:	Adequate		Inadequate	X															
Dens	N	Nests (Raptors, songbirds, etc.)	N																
Wildlife Observed	None observed.																		
Comments	No environmental concerns																		

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 designated 'tree improvement' stand of 30 yr old WS planted in the 80's. It was comercially thinned in 2010. Leave this stand to mature. There is some minor blowdown from Fiona Hurricane but the stand is still in tack.

STAND TALLY SHEET

CRUISER	Susan Rankin		STAND #	10686	PLANTATION #	484002			
PROPERTY #	39180		AREA	0.4 ha	Date	23 / 12 / 2022			
						D M Y			

SAMPLE TREE INFORMATION

TREE #	SPP.	AGE	D.B.H.	HEIGHT	TREE #	SPP.	AGE	D.B.H.	HEIGHT
1	RP	38	23	14	4				
2					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 (%)	RP10	%		%		%		%		%		%		%					
Even-aged	X	Uneven-aged																	
Slope	level	%	Aspect																
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	X	Overstocked		Patchy												
Density:	SW	1600	HW																
Advanced Regeneration:	Understocked		Fully Stocked		Overstocked														
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:

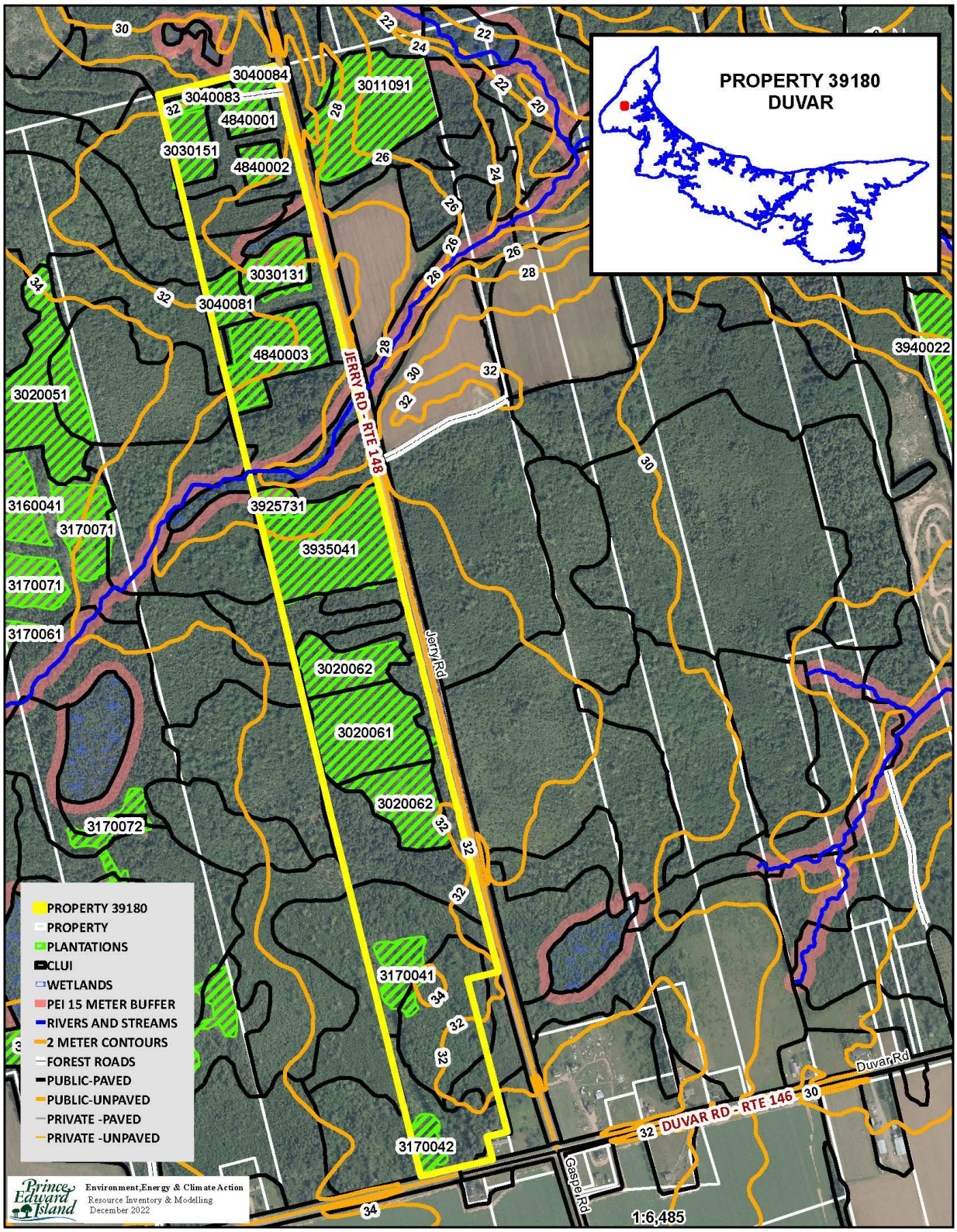
ENVIRONMENTAL OBSERVATIONS

Water Course	N	Bog	N	Pond	N	Stream	N	Seeps	N	Beaver Present	N	Y / N			
Drainage:	Poor	X	Good		Excellent					Erosion Control Required	N	Y / N			
Snag Trees:	Adequate	X	Inadequate												
Coarse Woody Material:	Adequate		Inadequate	X											
Dens	N	Nests (Raptors, songbirds, etc.)	N												
Wildlife Observed	None observed.														
Comments	No environmental concerns														

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 designated 'tree improvement' stand of RP planted in the 80's. It was commercially thinned										
	Leave this stand to mature.										

Appendix G. Plantation Map with Contour Lines



Appendix H. Work Completed

Activity Number	Treatment Code	Amount Completed	Treatment Date	Treatment Description
3840001	110	0.3	3/31/2011	Commercial Softwood< 5000 /Ha
3840002	110	0.2	3/31/2011	Commercial Softwood< 5000 /Ha
3840003	110	1.4	3/31/2011	Commercial Softwood< 5000 /Ha
0	25B	2.4	9/9/1992	Chemical Broadcast
0	29	2.4	9/9/1992	Raking Crawler Tractor-Root Rake:per Ha
3030131	29	0.78	1/23/2003	Raking Crawler Tractor-Root Rake:per Ha
3170041	30B	930	6/15/2017	Manual Site Preparation per Site (Hawk)
3170042	30B	496	6/15/2017	Manual Site Preparation per Site (Hawk)
3020061	37	4.21	1/10/2002	Brush Raking: Rubber Tired Skidder/Ha
0	38A	2.4	12/21/1992	Slash Pile Burn Less Than 4 Ha.
0	3I	1	2/20/2003	Culvert 60cm Class 1&2 road
3170041	55W	930	6/15/2017	WHITE SPRUCE - WESTERN
3170042	55W	496	6/15/2017	WHITE SPRUCE - WESTERN
3935041	56W	1539	7/6/1993	WHITE PINE - WESTERN
3925731	58W	900	9/9/1992	YELLOW BIRCH - WESTERN
3040081	58W	1500	7/12/2004	YELLOW BIRCH - WESTERN
3040083	58W	900	7/12/2004	YELLOW BIRCH - WESTERN
3935041	59W	4617	7/6/1993	EASTERN LARCH - WESTERN
3020061	59W	4221	6/17/2002	EASTERN LARCH - WESTERN
3030131	67W	1543	7/6/2003	NORWAY SPRUCE - WESTERN
3020062	68W	6072	6/17/2002	CEDAR - WESTERN
0	88A	2.13	3/30/1999	Class I : Manual : 0 -5000/Ha <6 Metres
3120530	88C	1.94	5/17/2012	Class 3 : Manual : 10001-15000/Ha <6 Metres
3030131	88D	0.7	7/6/2015	Class 4 : Manual : 15001-20000/Ha <6 Metres
3020062	88E	1.1	7/10/2015	Class 5 : Manual : 20001- 25000/Ha <6 Metres
0	92	2.43	3/18/1992	Clearcut Block
3020061	92	4.21	1/7/2002	Clearcut Block
3030131	92	0.78	12/9/2002	Clearcut Block
	93	1.1	1/22/2016	Patch Cut
4840001	97	27.5	7/26/2010	Wood Extraction