

Date: February 27, 2025

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



Woodlot Management Plan

Property Number: 48157

Location: Burton

Table of Contents

Goals and Management Objectives	1
Property Overview	2
Location.....	2
Past Information	2
Property Information	2
Wetland and Watercourses	3
Property Access.....	3
Property Boundaries	3
Fire Protection	3
Planting and Silviculture	4
Proposed Treatments	4
Table 1. Proposed Treatment Summary	6
Appendices.....	8
Appendix A. Map of Property with Locator Map.....	9
Appendix B. 1935 Aerial Photography	10
Appendix C. 1968 Aerial Photography	11
Appendix D. 2010 Corporate Land Use Inventory	12
Appendix E. Forest Inventory Codes	13
Appendix F. Stand Tally Sheets from on the Ground Assessment.....	14
Appendix G. Plantation Map with Contour Lines.....	40
Appendix H. Work Completed	41

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 # 48157 is located on North Cape Coastal Drive, Route #14, in the community of Burton, P.E.I. (Appendix A). The total area of this property is 115 hectares (283.09 acres) and the midpoint of the property is Latitude N 46.75964 decimal degrees, Longitude W -64.34243 decimal degrees.

*(***This property has been identified as a target for Conservation. The property is located on the shoreline of the Island and is considered to have "Coastal Forest" values. As a result, no treatments have been prescribed for the shoreline section of the property located to the northeast of highway #14.)*

Past Information

Local records and previous aerial photography show that approximately 80% of the property is of old field origin for agriculture and has been converted to forest land either naturally or through plantations over time. 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 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 are five streams located on this property. There are four streams located on the southern portion of the property receiving most of its water from Daltons Brook and one stream on the northern portion that is fed from the Guelph of St Lawrence in stand 0030367 (Appendix A). Wetlands border two of the streams.

Property Access

There is a 1 km woods road that provides access to this property from Route 14. This woods road services the entire woodlot. 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 this road usable. The existing road on the property can be seen on Appendix A.

Property Boundaries

This property is bounded on all sides by private land and shoreline on the western portion of the property.

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 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. This property has multiple streams that flow throughout the property which would be a suitable site to set up a portable fire pump system.

Planting and Silviculture

There are seven 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](#) . Any additional information may be obtained by contacting a Provincial Forest representative at the District Forestry Office in Wellington.

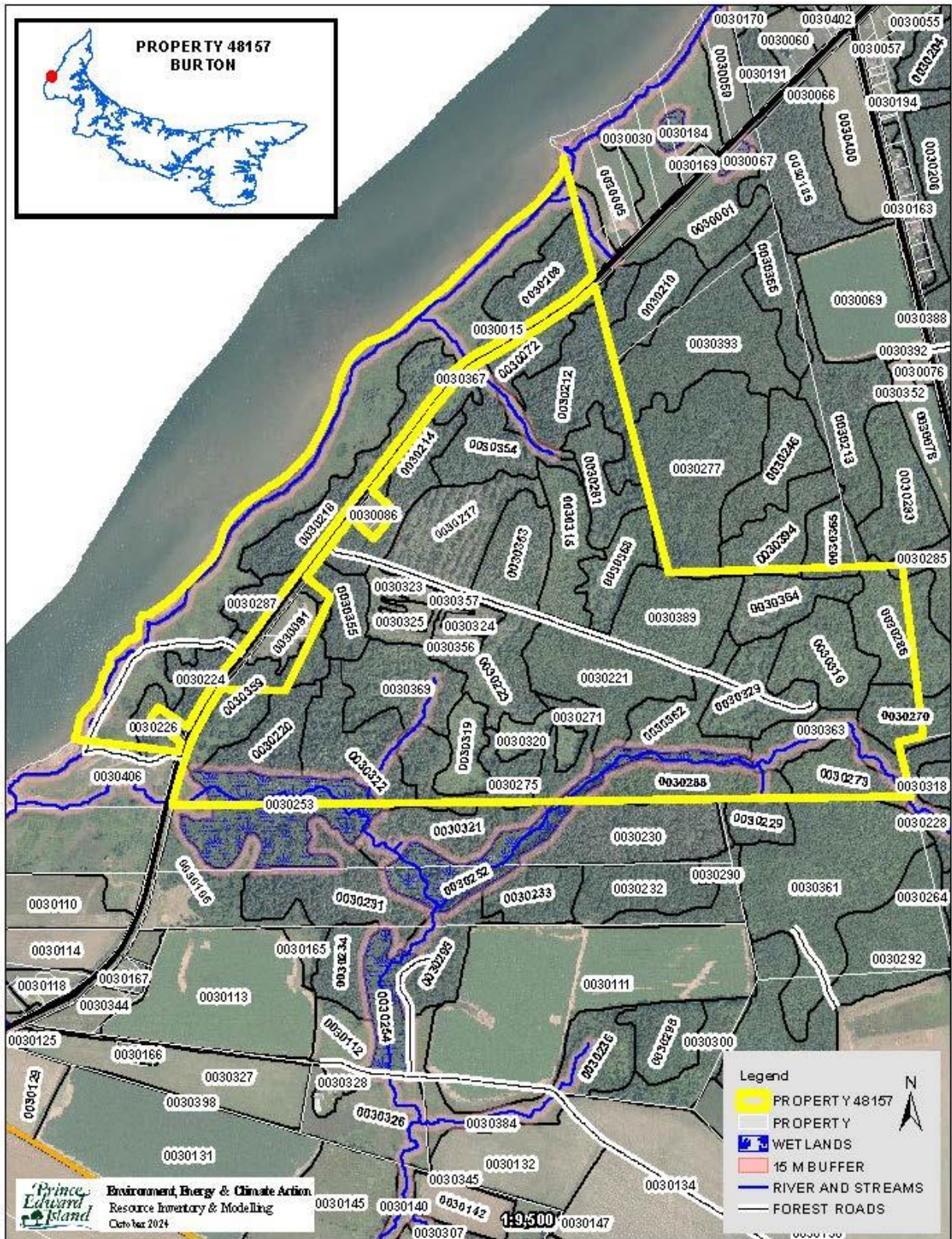
Table 1. Proposed Treatment Summary.

Stand Number and Plantation Number	Treatment Type	Treatment Year	Amount Proposed	2018 Eco-Manual Reference	Comments	Goals
Road	Road Maintenance	2030	All	12 pg	Brush cutting, minor grading/fill	Improve road access
Access	Culvert installation	2030	Access to ST 30212	12 pg	Construct highway entranceway to give access to harvest site	Minimize disturbance when accessing harvest site
ST30220	Block Harvest	2029	2.4 Ha	30 pg	Remove mature WS and retain tolerant hardwoods. Stand is showing signs of decline with pest and windfall. Salvage while merchantable. Buffer stream dividing the stands. Adjacent landowner must be contacted prior to harvest.	Salvage mature WS
	Manual Site Preparation	2029	2.4 Ha	14 pg	Prepare microsites for planting	Create plantable sites to increase plantation success
	Full Plant	2029	2.4 Ha	16 pg	Plant species that are ecological suited for the site. Such as WS, LA, BS, WP, YB, RM.	Reforest the stand to supplement natural regeneration
	Manual Plantation Maintenance	2031	2.4 Ha	17 pg	Eliminate unwanted species that are competing with crop trees. Crop trees include planted stems and favourable natural regenerating stems	Increase growth rate & succession of crop trees while maintaining diversity
ST30354 & ST 30212	Block Harvest	2025	7.3 Ha	30 pg	Remove mature WS and retain tolerant hardwoods. Stand is showing signs of decline with pest and windfall. Salvage while merchantable. Buffer stream dividing the stands	Salvage mature WS
	Manual Site Preparation	2025	7.3 Ha	14 pg	Prepare microsites for planting	Create plantable sites to increase plantation success
	Full Plant	2025	7.3 Ha	16 pg	Plant species that are ecological suited for the site. Such as WS, RS, WP, YB, RM.	Reforest the stand to supplement natural regeneration
	Manual Plantation Maintenance	2028	7.3 Ha	17 pg	Eliminate unwanted species that are competing with crop trees. Crop trees include planted stems and favourable natural regenerating stems	Increase growth rate & succession of crop trees while maintaining diversity

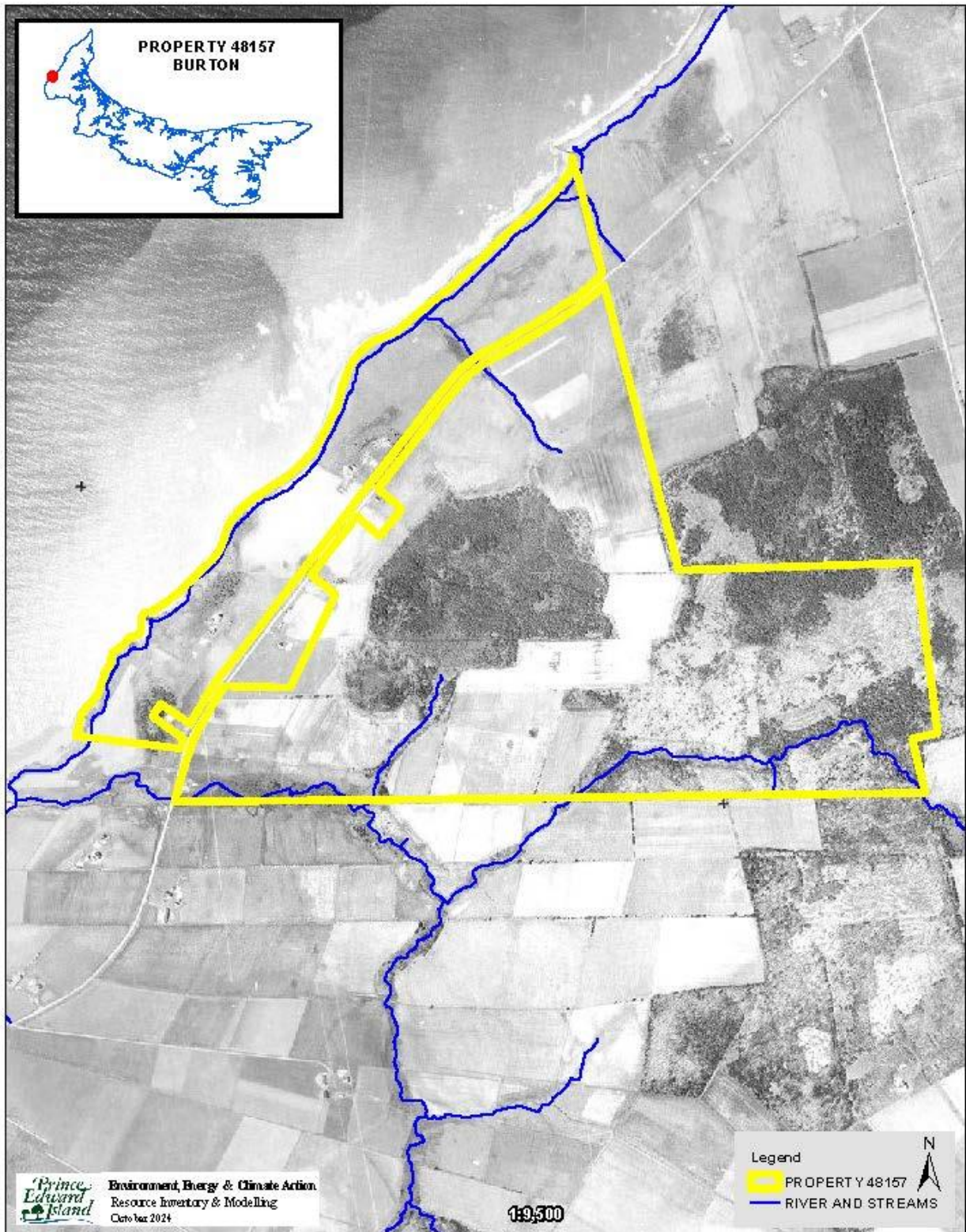
ST30221 PN3980041	Commercial Plantation Thinning	2033	5.03 Ha	26 pg	Thin out density (30-40% BA) competing with quality crop trees. Crop trees include planted stems and favorable natural regenerating stems. Stand is marginally merchantable for CT at the time of plan 2024.	Increase the growth and succession of crop trees while maintaining diversity
ST30315 & ST 30368 PN3100021	Manual Plantation Maintenance	2025	4.9 Ha	17 pg	Eliminate unwanted species that are competing with crop trees. Crop trees include planted stems and favourable natural regenerating stems	increase growth rate & succession of crop trees while maintaining diversity
ST30320 PN3170081	Manual Plantation Maintenance	2028	2.9 Ha	17 pg	Eliminate unwanted species that are competing with crop trees. Crop trees include planted stems and favourable natural regenerating stems	increase growth rate & succession of crop trees while maintaining diversity
ST30389 PN3965071	Commercial Plantation Thinning	2029	4.17 Ha	26 pg	Stand is purely JL. Capture 20% BA to increase the growing space and potential of crop trees. Thin in strips and capture stems showing signs of pests or decline.	Increase the growth and succession of the best quality trees
ST30323, ST 30325, ST30357, ST 30324, ST30356 PN3090031, PN3100011, PN3180131, PN3180132, PN3190031	Manual Plantation Maintenance	2025	4 Ha	17 pg	An assortment of plantations since 2009 all in need of thinning. Eliminate unwanted species that are competing with crop trees. Crop trees include planted stems and favourable natural regenerating stems	increase growth rate & succession of crop trees while maintaining diversity
ST30316	Patch Harvest	2025	3.3 Ha	29 pg	mixed wood stand with BF and tolerant hardwoods. Patch cut declining stems approximately 0.5 Ha and replace with planted Tolerant hardwood stems (such as RO, YB, SM)	Salvage BF And enrichment plant. Create a more resilient and diverse stand.
	Enrichment Planting	2025	3.3 HA	17 pg	This stand is showing potential to succeed with a diversity enhancement planting. A diverse forest surrounds this stand including YB, SM, WE, HE stems on similar soils, showing the stand's potential for an enrichment. Replace declining stems with an enrichment planting of long living climate change resilient species such as (RO, SM, YB, HE, CE)	Diversity enhancement by enrichment planting. plant tolerant hardwoods and or late successional species. The goal is to increase the diversity and climate hardiness of the stand while removing declining stems.

Appendices

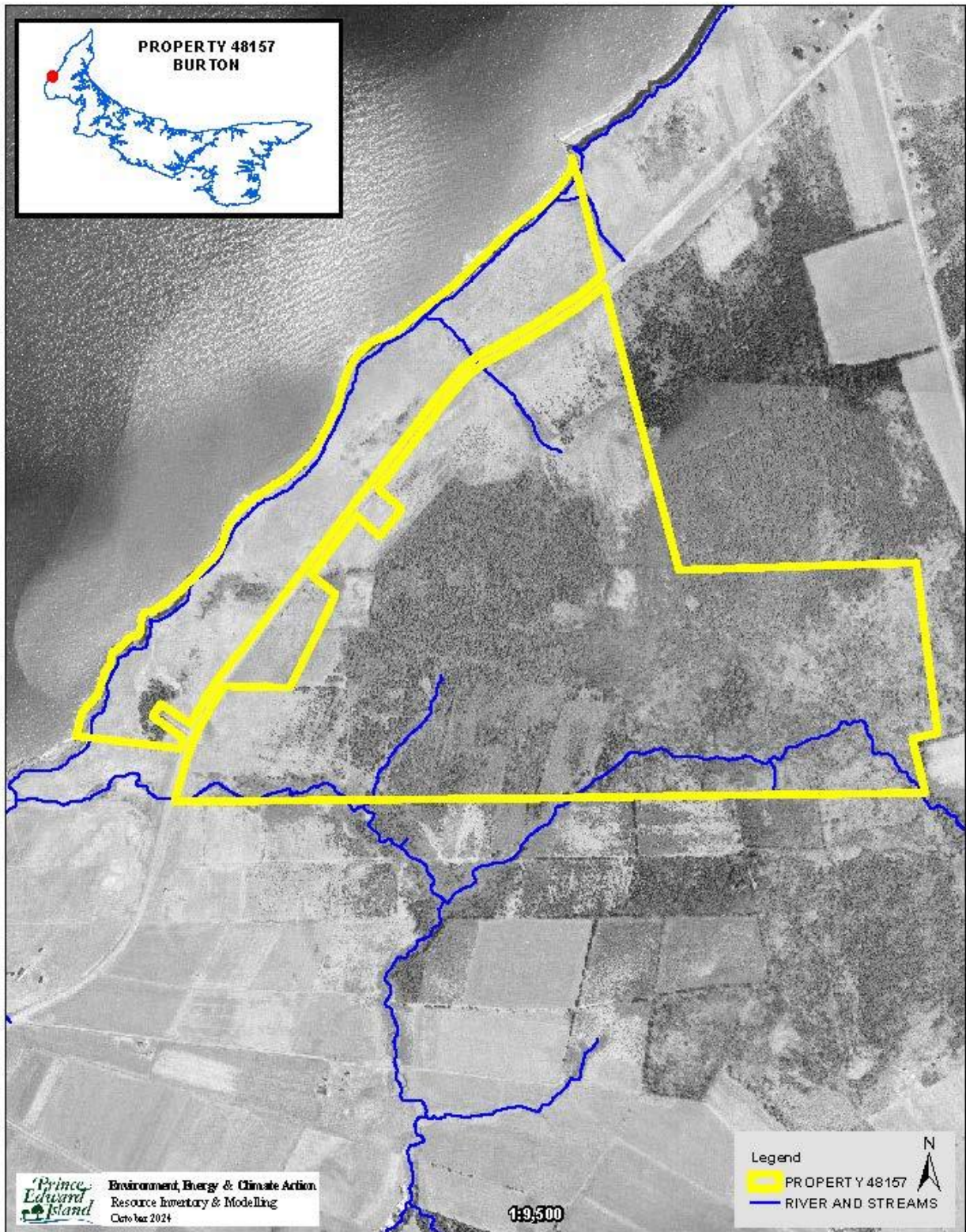
Appendix A. Map of Property with Locator Map



Appendix B. 1935 Aerial Photography



Appendix C. 1968 Aerial Photography



Appendix D. 2020 Corporate Land Use Inventory

FIELDID	COVER1	PER1	COVER2	PER2	COVER3	PER3	COVER4	PER4	COVER5	PER5	HEIGHT	CROWN	HECTARES	WOODSTOCK
0030072	WS	3.00	PO	3.00	BF	2.00	LA	1.00	AL	1.00	10.00	25.00	1.51	SMIH
0030208	WS	5.00	WB	2.00	PO	1.00	RS	1.00	LA	1.00	12.00	70.00	2.76	SPLA
0030210	PO	5.00	WB	2.00	WS	1.00	RM	1.00	GB	1.00	14.00	85.00	0.00	IHMX
0030212	WS	4.00	PO	2.00	LA	2.00	BS	1.00	WB	1.00	15.00	75.00	4.44	SWMX
0030214	BS	5.00	LA	2.00	WS	1.00	GB	1.00	BF	1.00	12.00	85.00	2.66	SPLA
0030394	BS	7.00	GB	1.00	LA	1.00	BF	1.00		0.00	8.00	95.00	0.17	BSPR
0030217	BS	6.00	BF	2.00	LA	1.00	PO	1.00		0.00	13.00	35.00	4.22	SPBF
0030218	WS	9.00	SP	1.00		0.00		0.00		0.00	13.00	65.00	4.05	WSPR
0030389	JL	10.00		0.00		0.00		0.00		0.00	14.00	75.00	4.17	SWPR
0030220	WS	8.00	WB	1.00	PO	1.00		0.00		0.00	15.00	85.00	2.37	WSPR
0030221	WS	6.00	PO	1.00	RM	1.00	GB	1.00	BF	1.00	7.00	95.00	5.03	SPBF
0030223	RS	3.00	WB	3.00	RM	2.00	BS	1.00	LA	1.00	13.00	55.00	3.25	SMIH
0030224	WS	10.00		0.00		0.00		0.00		0.00	15.00	80.00	1.35	WSPR
0030226	WS	6.00	BF	1.00	WB	1.00	RM	1.00	AL	1.00	13.00	75.00	0.81	SPBF
0030228	RM	3.00	WS	3.00	WB	2.00	PO	1.00	BF	1.00	15.00	65.00	0.01	IHSW
0030229	WS	4.00	PO	2.00	WB	2.00	RM	1.00	BF	1.00	9.00	95.00	0.00	SMIH
0030230	WS	7.00	WP	1.00	WB	1.00	BF	1.00		0.00	16.00	80.00	0.00	WSPR
0030393	GB	6.00	PO	2.00	RM	1.00	WB	1.00		0.00	12.00	90.00	0.01	IHMX
0030270	RM	3.00	SM	2.00	WB	2.00	YB	2.00	PO	1.00	16.00	75.00	1.46	THMX
0030271	WB	4.00	RM	3.00	WS	2.00	PO	1.00		0.00	13.00	75.00	1.55	IHMX
0030273	SM	3.00	RM	3.00	BF	2.00	WB	2.00		0.00	14.00	80.00	2.11	THMX
0030275	PO	7.00	RM	2.00	WS	1.00		0.00		0.00	20.00	70.00	2.69	POPR
0030277	PO	4.00	GB	3.00	BF	1.00	WB	1.00	RM	1.00	14.00	80.00	0.32	IHMX
0030281	AL	5.00	WS	2.00	PO	1.00	BF	1.00	LA	1.00	5.00	85.00	2.25	ALSW
0030285	RM	4.00	BF	2.00	WB	2.00	WS	1.00	SM	1.00	15.00	90.00	0.07	IHMX
0030286	SM	5.00	RM	3.00	WB	1.00	WS	1.00		0.00	14.00	95.00	2.48	THMX
0030287	PO	5.00	WS	3.00	RM	1.00	BS	1.00		0.00	17.00	85.00	1.05	POSW
0030288	SM	3.00	RM	3.00	WB	2.00	BF	1.00	WA	1.00	14.00	85.00	2.98	IHMX
0030315	WP	7.00	AL	2.00	BF	1.00		0.00		0.00	3.00	0.00	2.76	WP
0030316	SM	4.00	RM	3.00	WB	1.00	WS	1.00	BF	1.00	14.00	90.00	3.33	THMX
0030319	WS	8.00	LA	2.00		0.00		0.00		0.00	1.00	0.00	1.59	WSPR
0030320	WS	8.00	LA	2.00		0.00		0.00		0.00	1.00	0.00	1.28	WSPR
0030321	WS	5.00	BF	2.00	RS	1.00	LA	1.00	PO	1.00	16.00	60.00	0.01	SPBF
0030322	PO	3.00	WS	3.00	RM	2.00	WB	1.00	RS	1.00	17.00	65.00	3.79	IHSW
0030323	BS	10.00		0.00		0.00		0.00		0.00	0.00	0.00	0.59	BSPR
0030324	LA	10.00		0.00		0.00		0.00		0.00	0.00	0.00	0.73	LAPR
0030325	CC	10.00		0.00		0.00		0.00		0.00	2.00	0.00	1.06	CC
0030329	RM	4.00	SM	2.00	WB	2.00	BF	1.00	WS	1.00	12.00	65.00	3.10	IHMX
0030353	BS	6.00	LA	3.00	BF	1.00		0.00		0.00	12.00	60.00	2.84	SPLA
0030354	WS	5.00	LA	4.00	WB	1.00		0.00		0.00	16.00	85.00	2.86	SPLA
0030355	PO	5.00	WS	3.00	GB	1.00	BS	1.00		0.00	14.00	75.00	1.75	POSW
0030356	WP	10.00		0.00		0.00		0.00		0.00	0.00	0.00	0.55	WP
0030357	WP	10.00		0.00		0.00		0.00		0.00	0.00	0.00	0.47	WP
0030359	WS	4.00	RM	2.00	PO	2.00	AL	1.00	WB	1.00	8.00	40.00	2.14	IHSW
0030361	WB	3.00	PO	3.00	RM	2.00	BF	1.00	SM	1.00	4.00	75.00	0.03	IHMX
0030362	RM	4.00	BF	2.00	SM	2.00	WB	1.00	WA	1.00	15.00	90.00	2.58	IHMX
0030363	SM	3.00	RM	3.00	WB	2.00	YB	1.00	WS	1.00	15.00	85.00	2.31	THMX
0030364	WS	4.00	RM	2.00	BS	2.00	WB	1.00	BF	1.00	13.00	25.00	2.43	SWMX
0030365	BS	6.00	RM	2.00	GB	1.00	PO	1.00		0.00	8.00	95.00	0.21	SPIH
0030368	PO	3.00	RM	3.00	WB	2.00	WP	1.00	AL	1.00	8.00	60.00	2.12	IHMX
0030369	RM	3.00	WS	3.00	PO	2.00	WB	1.00	BF	1.00	15.00	70.00	3.58	IHSW
0030252	AL	6.00	WS	2.00	RM	1.00	WB	1.00		0.00	5.00	95.00	1.09	IHMX
0030253	AL	8.00	WS	2.00		0.00		0.00		0.00	5.00	90.00	2.15	ALPR

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		Mac Buchanan		STAND # 30214& 30072				PLANTATION #			
PROPERTY #		48157		AREA		4.17 ha		Date		22 / 7 / 24	
								D		M Y	
SAMPLE TREE INFORMATION											
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%
1	BS	30	20.4	13	40	4					
2	PO	30	22.8	14	50	5					
3	LA	30	24.1	14.5	30	6					
STAND INFORMATION											
Stand Basal Area		SW		M ² /Ha		SWSL		M ² /Ha		HW	
Species and (%)		BS 50 %		LA 20 %		WS 10 %		BF 10 %		GB, WB, RM 10%	
Even-aged x		Uneven-aged								Biomass	
Slope		0 %		Aspect							
Stand Origin:		Old Field x		Partial Cut		Burn		Unploughed			
		Windfall		Non Forest				Ploughed			
		Clear Cut		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		Fully Stocked		Overstocked		Patchy		x	
Regeneration:		1. Spp. RM		Height 3m		2. Spp.		Height			
		3. Spp.		Height		4. Spp.		Height			
GROUND OBSERVATIONS											
Ground Vegetation Species Present:				Starflower, False lily of the valley, wood fern, Aster, Wild 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		N		Bog		N		Pond		N	
Drainage:		Poor		Moderate		X		Good		Excellent	
Snag Trees:		Adequate X		Inadequate							
Coarse Woody Material:		Adequate X		Inadequate							
Dens				Nests (Raptors, songbirds, etc.)							
Wildlife Observed		Nothing 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		x		Stems/Ha					
Comments:		<p>Younger spruce stand than neighboring stand with strip cuts. This stand surrounds a newly built garage (Ocean Pro Fisheries) with an abundance of down woody debris and dead material, which could be a good property to look into for fire-smart. The stand is young with high density i expect self-thinning to occur naturally creating positive growing potential for resdiaul stems . Monitor for blowdown as it is a coastal stand that receives high-level wind events. 30072 is a more sparse stand with lower stem density. Both of these stands may potentially be used as access to get to a cut block (30354 + 30212)</p>									

STAND TALLY SHEET												
CRUISER		M. Buchanan		STAND #		30353		PLANTATION #				
PROPERTY #		48157		AREA		2.83 ha		Date		22 /	7 /	24
										D	M	Y
SAMPLE TREE INFORMATION												
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	
1	BS	60	19.2	11	50	4						
2	BS	40	12.1	10.5	25	5						
3	BS	60	22.5	11.5	40	6						
STAND INFORMATION												
Stand Basal Area		SW	M ² /Ha		SWSL	M ² /Ha		HW	M ² /Ha		HWSL	M ² /Ha
Species and (%)		BS8	%	LA10	%	RM10	%					
Even-aged x		Uneven-aged		Biomass								
Slope		0 %	Aspect		0							
Stand Origin:		Old Field	Partial Cut		Burn		Unploughed					
		Windfall	Non Forest				Ploughed					
		Clear Cut	Unknown x									
Stand Maturity Class:		Regeneration		Immature		Mature x		Over-mature				
Stand Stocking:		Understocked		Fully Stocked x		Overstocked		Patchy				
Density:		SW	1,800	HW	100							
Advanced Regeneration:		Understocked		Fully Stocked		Overstocked		Patchy				
Regeneration:		1. Spp. BF		Height 0.5m		2. Spp. BS		Height 0.5m				
		3. Spp. BF		Height 1m		4. Spp.		Height				
GROUND OBSERVATIONS												
Ground Vegetation Species Present:		Wild raisin, Bunchberry, Cinnamon Fern, Bayberry										
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	Y	Pond	N	Stream	N	Seeps	N	Beaver Present	N Y / N
Drainage:		Poor x	Moderate	Good	Excellent	Erosion Control Required		N	Y / N			
Snag Trees:		Adequate x	Inadequate									
Coarse Woody Material:		Adequate x	Inadequate									
Dens		Nests (Raptors, songbirds, etc.)										
Wildlife Observed		Nothing 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	N	Stems/Ha								
Comments:		<p>Wet mature black spruce stand very mossy muskeg-like stand. BS is more mature than the tree measurements displayed due to poor growing conditions that are unfit growing conditions for most species. A good natural BS bog should be left to develop naturally as the site is too wet for machinery. The stand is showing some decline but stand replacement or planting would result poorly due to site conditions, let natural regeneration take a toll with BS & LA seed sources.</p>										

STAND TALLY SHEET											
30218.30208.30287.											
CRUISER	M. Buchanan			STAND #	30224, 30226,30015			PLANTATION #			
PROPERTY #	48157			AREA	10 ha			Date	22 /	7 /	24
								D	M	Y	
SAMPLE TREE INFORMATION											
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%
1	PO	60	32.4	14.5	20	4					
2	WS	60	30	14	20	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	%	PO3	%	RM10	%	WB10				
Even-aged x	Uneven-aged								Biomass		
Slope	0 %	Aspect	0								
Stand Origin:	Old Field	Partial Cut		Burn		Unploughed					
	Windfall	Non Forest				Ploughed					
	Clear Cut x	Unknown									
Stand Maturity Class:	Regeneration		Immature		Mature x		Over-mature x				
Stand Stocking:	Understocked		Fully Stocked		Overstocked		Patchy x				
Density:	SW	1,000	HW	800							
Advanced Regeneration:	Understocked x		Fully Stocked		Overstocked		Patchy				
Regeneration:	1. Spp.	WS	Height	1m	2. Spp.	WS	Height	0.7m			
	3. Spp.		Height		4. Spp.		Height				
GROUND OBSERVATIONS											
Ground Vegetation Species Present:			Raspberry, Aster, Starflower, Wildrose, Sensitive Fern, Spotted Touch Me Knot, Bayberry, Wild Strawberry								
Ground Hemlock			Y / N	x							
Invasive Species Present			x	Y / N	If yes then what species: Vine growth, Rhubarb						
Site Indicators			Y / N	x	If yes then what species:						
ENVIRONMENTAL OBSERVATIONS											
Water Course	N,	Bog	N	Pond	N	Stream	Y	Seeps	N	Beaver Present	N Y / N
Drainage:	Poor	Moderate	x	Good		Excellent		Erosion Control Required		N	Y / N
Snag Trees:	Adequate	x	Inadequate								
Coarse Woody Material:	Adequate	x	Inadequate								
Dens	Nests (Raptors, songbirds, etc.)										
Wildlife Observed	No wildlife was observed however, it is a natural coastal stand beneficial to coastal wildlife										
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	X	Stems/Ha								
Comments:	Coastal Stand of mature White Spruce and Poplar, very patchy with areas with heavy coastal vegetation. Heavy winds causing funky tree-form. Spruce Regen present. Spruce is growing relatively short with large trunks and high % LCR due to patchy stand density. Old cottage on site with invasive planted species. No treatment is prescribed. Leave natural to protect this coastal forest section.										

STAND TALLY SHEET											
CRUISER	M. Buchanan			STAND #	30217						
PROPERTY #	48157			AREA	4.22 ha		Date	22 / 7 / 24			
							D	M	Y		
SAMPLE TREE INFORMATION											
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%
1	BS	60	16.1	13	20	4					
2	BF	60	17.3	12.5	10	5					
3	LA	60	23.5	13.5	30	6					
STAND INFORMATION											
Stand Basal Area	SW		M ² /Ha	SWSL		M ² /Ha	HW		M ² /Ha	HWSL	M ² /Ha
Species and (%)	BS6	%	LA2	%	BF2	%					
Even-aged	Uneven-aged			x						Biomass	
Slope	0	%	Aspect	0							
Stand Origin:	Old Field		Partial Cut	x	Burn		Unploughed				
	Windfall		Non Forest				Ploughed				
	Clear Cut		Unknown								
Stand Maturity Class:	Regeneration			Immature		Mature		Over-mature	x		
Stand Stocking:	Understocked			Fully Stocked	x	Overstocked		Patchy			
Density:	SW	1,200	HW								
Advanced Regeneration:	Understocked			Fully Stocked		Overstocked	x	Patchy			
Regeneration:	1. Spp.	GB	Height	1.5m	2. Spp.	BS	Height	0.5m			
	3. Spp.	GB	Height	1.5m	4. Spp.	WS	Height	0.5m			
GROUND OBSERVATIONS											
Ground Vegetation Species Present:	Cinnamon Fern, Bayberry, False lily of the valley, Lambkill, Bunchberry, Wild Raisen										
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	Y	Pond	N	Stream	N	Seeps	N	Beaver Present	N Y / N
Drainage:	Poor	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	Nothing 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	x	Stems/Ha								
Comments:	<p>This is a mature Black Spruce stand that is at least 60 years old see appendix of forest imagery. Strip cuts took place in 2017 that were fill-planted with tolerant hardwoods, Natural species are taking control of these open strips with GB,PO,BS,LA,BF exploding in the openings. Standing BS is doing poorly showing decline and will be windthrown over time due to its shallow root system on the wet site. This stand is showing signs and features of a bog including vegetation and a highdepth to water indicating that the best practice moving forward is to let natural processes take place, natural stand replacement in the strips and the establishment of a multi cohort stand. Crew planting was done here</p>										

STAND TALLY SHEET												
CRUISER		M. Buchanan		STAND #		30369		PLANTATION #				
PROPERTY #		48157		AREA		3.6 ha		Date		22 /	7 /	24
										D	M	Y
SAMPLE TREE INFORMATION												
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	
1	BS	35	14.1	15	50	4						
2	BS	35	12.4	15	60	5						
3	LA	40	22.6	16	75	6						
STAND INFORMATION												
Stand Basal Area		SW	M ² /Ha		SWSL	M ² /Ha		HW	M ² /Ha		HWSL	M ² /Ha
Species and (%)		RM4	%	BS2	%	WB2	%	LA10	%	BF10		
Even-aged		Uneven-aged						x		Biomass		
Slope		0 %	Aspect		0							
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed				
		Windfall		Non Forest				Ploughed				
		Clear Cut		Unknown		x						
Stand Maturity Class:		Regeneration		Immature		Mature		x		Over-mature		
Stand Stocking:		Understocked		Fully Stocked		Overstocked		Pachy		x		
Density:		SW	1,600	HW	500							
Advanced Regeneration:		Understocked		Fully Stocked		x		Overstocked		Pachy		
Regeneration:		1. Spp. RM		Height 1m		2. Spp. BF		Height 0.5m				
		3. Spp. RM		Height 2m		4. Spp.		Height				
GROUND OBSERVATIONS												
Ground Vegetation Species Present:				Bunchberry, Aster, Starflower, Cinnamon Fern, False lilly of the valley, Bayberry, Wild Raisen, Serviceberry, Mountain maple, Labrador Tea								
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	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		Nothing 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		x		Stems/Ha						
Comments:												
		Mossy wet stand dense with shrubbery some older spruce/larch in overstory (Very Patchy). Red Maple and Birches coming up in understory. Not a great site to produce good merchantable wood products										
		poor drainage										

STAND TALLY SHEET											
CRUISER		M. Buchanan		STAND # 30322, 30275				PLANTATION #			
PROPERTY #		48157		AREA		6.49 ha		Date		22 / 7 / 24	
								D		M Y	
SAMPLE TREE INFORMATION											
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%
1	WS	60	48.8	18	60	4					
2	BF	20	12.6	11	90	5					
3	RM	40	18.6	14	30	6					
STAND INFORMATION											
Stand Basal Area		SW		M ² /Ha		SWSL		M ² /Ha		HW	
Species and (%)		PO4		%		RM2		%		WS2	
Even-aged x		Uneven-aged				BF10		%		BS10	
Slope		0 %		Aspect		0				Biomass	
Stand Origin:		Old Field x		Partial Cut		Burn		Unploughed			
		Windfall		Non Forest				Ploughed			
		Clear Cut		Unknown							
Stand Maturity Class:		Regeneration		Immature		Mature x		Over-mature			
Stand Stocking:		Understocked		Fully Stocked x		Overstocked		Patchy			
Density:		SW 400		HW 1,400							
Advanced Regeneration:		Understocked		Fully Stocked x		Overstocked		Patchy			
Regeneration:		1. Spp. BF		Height 3m		2. Spp. RM		Height 1.5m			
		3. Spp. BF		Height 3m		4. Spp.		Height			
GROUND OBSERVATIONS											
Ground Vegetation Species Present:		Beaked hazel, Raisen, Wildstrawberry, Raspberry, 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		Y		Bog		N		Pond		N	
Drainage:		Poor		Moderate		x		Good		Excellent	
Snag Trees:		Adequate		x		Inadequate					
Coarse Woody Material:		Adequate		x		Inadequate					
Dens		N		Nests (Raptors, songbirds, etc.)		N					
Wildlife Observed		Nothing Observed									
Comments											
STAND PRESCRIPTION											
No Treatment				x		Regeneration Cut				Crop Tree Release	
Shelterwood Cut						Selection Cut				Patch Cut	
Commercial Thinning						Afforestation				Site Preparation	
Pre-commercial Thinning						Reforestation				Riparian Zone Mgmt	
Pln. Maint.		Y / N		x		Stems/Ha					
Comments:											
		Mature mix bag of species previous strip cut. Stand is mature and in decline however little value.									
		Blowdown causing openings with dense herbaceous vegetation. If or when Harvesting block from 30220									
		block will spread into stand to grab mature SW in approx 10 yrs. Stands drainage is relatively poor and									
		stand density is patchy with areas thick with veg.									

STAND TALLY SHEET												
CRUISER		M. Buchanan		STAND # 30354, 30212		PLANTATION #						
PROPERTY #		48157		AREA		7.3 ha		Date		22 /	7 /	24
								D		M	Y	
SAMPLE TREE INFORMATION												
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	
1	WS	50	35.8	17	35	4						
2	WB	50	22.9	16	40	5						
3	RM	50	31.2	17	50	6						
STAND INFORMATION												
Stand Basal Area		SW	M ² /Ha		SWSL	M ² /Ha		HW	M ² /Ha		HWSL	M ² /Ha
Species and (%)		WS6	%	LA2	%	WB10	%	RM10	%	BF10		
Even-aged x		Uneven-aged								Biomass		
Slope		0 %	Aspect		0							
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed				
		Windfall x		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	1,600	HW	200							
Advanced Regeneration:		Understocked x		Fully Stocked		Overstocked		Patchy				
Regeneration:		1. Spp. BF		Height		0.5		2. Spp.		Height		
		3. Spp.		Height				4. Spp.		Height		
GROUND OBSERVATIONS												
Ground Vegetation Species Present:		Aster, Raspberry, Red elderberry, Wood Fern, Starflower, Raisen, 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						
ENVIRONMENTAL OBSERVATIONS												
Water Course		N,	Bog	N	Pond	N	Stream	Y	Seeps	N	Beaver Present	N Y / N
Drainage:		Poor	Moderate	Good	X	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		Nothing 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								
Pre-commercial Thinning		Reforestation		Riparian Zone Mgmt								
Pln. Maint.		x		Y / N		Stems/Ha						
Comments:												
		Entering stand from the forest road at the southern portion, notice that LA on the border of the stand is being impacted by pest with bark damage and foliage decline. Decided to clump 30354 and 30212 together as they are both mature WS stands divided by a coastal stream. Density is high not allowing for much regeneration however areas with blowdown have heavy veg showing the potential of the site. WS on PEI is considered mature @ 50-60 years old and is already showing signs of decline supporting this. Coastal stand that could see high-level wind events which is evident with the patchy areas of blowdown expect more to come next weather events. Monitor for insect damage and increase in stand decline prior to harvesting. Harvest 2025-2026.										

STAND TALLY SHEET												
CRUISER	M. Buchanan		STAND #		30221		PLANTATION #		3980041			
PROPERTY #	48157		AREA		5.03 ha		Date	22 /	7 /	24		
								D	M	Y		
SAMPLE TREE INFORMATION												
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	
1	WS	25	12.9	12	20	4						
2	WB	25	10.2	12	30	5						
3	RM	25	15.6	12	60	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	%	GB3	%	WB10	%	RM10	%				
Even-aged x	Uneven-aged								Biomass			
Slope	0	%	Aspect	0								
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	1,400	HW	2,200								
Advanced Regeneration:	Understocked		x	Fully Stocked		Overstocked		Patchy				
Regeneration:	1. Spp. BF		Height	1.5m	2. Spp. RM		Height	0.5m				
	3. Spp.		Height		4. Spp.		Height					
GROUND OBSERVATIONS												
Ground Vegetation Species Present:			Bracken fern, Bunchberry, Starflower, Sensitive fern, Cinnamon fern, Wood fern, False lily of the valley, Honey suckle									
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	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	Barred Owl was seen close by											
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	X	Stems/Ha									
Comments:												
<p>26 year old White spruce plantation dense with little light making it to forest floor causing limited vegetation growth. GB and serviceberry in patches throughout stand. A CT is recommended to increase crop tree growth by decreasing stand density by eliminating intolerant and non quality competition.</p>												

STAND TALLY SHEET												
CRUISER		M. Buchanan		STAND # 30368, 30277				PLANTATION # 3100021				
PROPERTY #		48157		AREA		2.44 ha		Date		22 / 7 / 24		
								D		M Y		
SAMPLE TREE INFORMATION												
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	
1	PO	30	21.3	13	50	4						
2	BF	25	26.4	12	80	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 (%)		LA2	%	BF3	%	PO3	%	WS10	%	RM10, (WP <10)		
Even-aged		Uneven-aged		x		Biomass						
Slope		0 %	Aspect		0							
Stand Origin:		Old Field		Partial Cut		x		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	2,000	HW	1,600							
Advanced Regeneration:		Understocked				Fully Stocked				Overstocked		x Patchy
Regeneration:		1. Spp. BF		Height 2.5m		2. Spp. PO		Height 2.5m				
		3. Spp. BF		Height 2m		4. Spp.		Height				
GROUND OBSERVATIONS												
Ground Vegetation Species Present:				Wood fern, Aster, Goldenrod, Meadowsweet, Bracken fern, Raspberry, Wildrose, Horsetails								
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	Moderate	Good	x	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		Nothing 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.		Y	Y / N	Stems/Ha								
Comments:												
		WP plantation from 2010 WP numbers are low, Mixed wood stand with a mixture of different species. Eastern part of the plantation has no WP and the western portion is experiencing mortality and decline from blister rust. Some mature stems @ low density assume they were left as retention from previous cuts. The plantation runs through neighboring stand recommend that the plantation receives manual maintenance to decrease density and improve crop tree growth.										

STAND TALLY SHEET												
CRUISER	M. Buchanan		STAND #		30315		PLANTATION #		3100021			
PROPERTY #	48157		AREA		2.8 ha		Date	22 /	7 /	24		
								D	M	Y		
SAMPLE TREE INFORMATION												
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	
1	WP	14	8.5	5	90	4						
2	WP	14	6.9	4	70	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 (%)	WP2	%	WS2	%	PO2	%	LA2	%	BF2			
Even-aged	Uneven-aged		x								Biomass	
Slope	0 %	Aspect	0									
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	3,000	HW	2,000								
Advanced Regeneration:	Understocked				Fully Stocked			Overstocked	x		Patchy	
Regeneration:	1. Spp.	BF	Height	2m	2. Spp.	GB	Height	5m				
	3. Spp.		Height		4. Spp.		Height					
GROUND OBSERVATIONS												
Ground Vegetation Species Present:	Bunchberry, Wood fern, Aster, Goldenrod, Meadowsweet											
Ground Hemlock	Y / N	x										
Invasive Species Present	Y / N	x										
Site Indicators	Y / N	x										
		If yes then what species:										
		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	Moderate		Good	x	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	Nothing 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.	Y	Y / N	Stems/Ha									
Comments:												
	WP plantation 2010 very dense with competition Recommend manual maintenance. Trees are under 6m tall. WP, WS, RM, LA as crop trees. High stand density is beneficial for WP stands as it limits Weevil damage although it may increase blister rust potential. Monitor for both. Weevil is less likely to impact trees when they have made it to 6m unaffected. Recommend maintenance 2-3yrs											

STAND TALLY SHEET											
CRUISER	M. Buchanan		STAND #		30320		PLANTATION #		3170081		
PROPERTY #	48157		AREA		2.87 ha		Date	22 /	7 /	24	
								D	M	Y	
SAMPLE TREE INFORMATION											
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%
1	LA	7	7	4m	80	4	WS	7	4.1	4m	100
2	PO	7	5.5	4m	80	5					
3	RM	7	6.8	4m	80	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	%	LA2	%	RM2	%	GB2	%			
Even-aged	Uneven-aged		x		Biomass						
Slope	0 %	Aspect	0								
Stand Origin:	Old Field			Partial Cut			Burn			Unploughed	
	Windfall			Non Forest						Ploughed	
	Clear Cut	x		Unknown							
Stand Maturity Class:	Regeneration		x		Immature				Mature		
Stand Stocking:	Understocked				Fully Stocked				Overstocked	x	
Density:	SW	1,600	HW	3,000							
Advanced Regeneration:	Understocked				Fully Stocked				Overstocked		
Regeneration:	1. Spp.	GB	Height	3.5m	2. Spp.	PO	Height	2m			
	3. Spp.	LA	Height	2m	4. Spp.		Height				
GROUND OBSERVATIONS											
Ground Vegetation Species Present:											
Raspberry, Woodfern, False lily of the valley, Bunchberry											
Ground Hemlock	Y / N	x									
Invasive Species Present	Y / N	x									
Site Indicators	Y / N	x									
If yes then what species:											
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	Moderate		Good	x	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	Nothing 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.	Y	Y / N	Stems/Ha								
Comments:	<p>This plantation is in two different portions. WS is being outcompeted by intolerant hardwoods (IH), especially in the more eastern portion with low % of crop trees. The portion closer to the coast is having more success and less competition from IH species (30319). Not a whole lot to manage for on the eastern portion(30320) but recommend to revisit in 2 yrs to monitor for maintenance. American beech present. Recommend manual maintenance 2-3 years.</p>										

STAND TALLY SHEET											
CRUISER	M. Buchanan		STAND #		30389		PLANTATION #		3965071		
PROPERTY #	48157		AREA		4.2 ha		Date	22 /	7 /	24	
								D	M	Y	
SAMPLE TREE INFORMATION											
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%
1	JL	28	16.1	14	60	4					
2	JL	28	21.6	14.5	60	5					
3	JL	28	14.8	14	80	6					
STAND INFORMATION											
Stand Basal Area	SW	M ² /Ha		SWSL	M ² /Ha		HW	M ² /Ha		HWSL	M ² /Ha
Species and (%)	JL100	%	%	%	%						
Even-aged	Uneven-aged		x							Biomass	
Slope	0 %	Aspect	0								
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	1,600	HW								
Advanced Regeneration:	Understocked				Fully Stocked	x	Overstocked		Patchy		
Regeneration:	1. Spp.	WS	Height	1m	2. Spp.	RM	Height	1.5m			
	3. Spp.	RM	Height	3m	4. Spp.	WS	Height	0.5m			
GROUND OBSERVATIONS											
Ground Vegetation Species Present:	Bunchberry, Bracken fern, Aster, Sarsparilla, Honeysuckle, Trillium										
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	Moderate		Good	x	Excellent		Erosion Control Required	N	Y / N	
Snag Trees:	Adequate	Inadequate	x								
Coarse Woody Material:	Adequate	x	Inadequate								
Dens	Nests (Raptors, songbirds, etc.)										
Wildlife Observed	Nothing 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	x	Stems/Ha								
Comments:	<p>28-year-old Japanese Larch plantation doing very well with good spacing and no competition for space. Trees are of good form and there is little signs of decline or pest damage, Lots of hardwoods coming up in the understory. Recommend a CT towards the end of the plan removing areas of decline in strips. The strips removed should regenerate with hardwoods naturally. IF stand is showing no signs of decline 2030-2034 no need of thinning.</p>										

STAND TALLY SHEET											
CRUISER		M. Buchanan		STAND # 30362, 30271				PLANTATION #			
PROPERTY #		48157		AREA		4.13 ha		Date		22 / 7 / 24	
								D		M Y	
SAMPLE TREE INFORMATION											
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%
1	WB	50	29.6	15	30	4					
2	RM	50	22.4	15	30	5					
3	BF	25	16.7	12	20	6					
STAND INFORMATION											
Stand Basal Area		SW		M ² /Ha		SWSL		M ² /Ha		HW	
Species and (%)		RM4		BF3		WB2		YB1			
Even-aged x		Uneven-aged								Biomass	
Slope		0 %		Aspect		0					
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed			
		Windfall		Non Forest				Ploughed			
		Clear Cut x		Unknown							
Stand Maturity Class:		Regeneration		Immature		Mature x		Over-mature			
Stand Stocking:		Understocked		Fully Stocked		Overstocked x		Patchy			
Density:		SW 2,400		HW 1,800							
Advanced Regeneration:		Understocked		Fully Stocked		Overstocked		Patchy			
Regeneration:		1. Spp. BF		Height 1.2m		2. Spp. BF		Height 0.5m			
		3. Spp. RM		Height 0.5m		4. Spp.		Height			
GROUND OBSERVATIONS											
Ground Vegetation Species Present:				Starflower, Mountain Maple, Aster, yellow clintonia, Cinnomen fern, wild raisen 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		N		Pond		N	
Stream		Y		Seeps		N		Beaver Present		N Y / N	
Drainage:		Poor X		Moderate		Good		Excellent		Erosion Control Required N Y / N	
Snag Trees:		Adequate X		Inadequate							
Coarse Woody Material:		Adequate X		Inadequate							
Dens				Nests (Raptors, songbirds, etc.)							
Wildlife Observed		Large barred Owl spotted in Redmaple, Blue Jay, Snake									
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:											
		<p>Poorly Drained stands with a stream at the southern portion of each stand, would expect that there is standing water in spots throughout the stand for most of the year (Was done during dry summer).</p> <p>Mainly RM, BF mix. Bf is in decline no product on site and wet for machinery. No Treatment to protect sensitive soils and wildlife features.</p>									

STAND TALLY SHEET												
CRUISER		M. Buchanan		STAND # 30329. 30364		PLANTATION # 3100022. 3100023						
PROPERTY #		48157		AREA 6 ha		Date 22 / 7 / 24						
						D M Y						
SAMPLE TREE INFORMATION												
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	
1	WB	40	20.3	13.5	70	4						
2	BF	20	13.8	10	20	5						
3	RM	25	16.5	12	50	6						
STAND INFORMATION												
Stand Basal Area		SW	M ² /Ha		SWSL	M ² /Ha		HW	M ² /Ha		HWSL	M ² /Ha
Species and (%)		BF4	%	RM4	%	WS2	%	WB10	%			
Even-aged		Uneven-aged								Biomass		
Slope 0 %		Aspect 0										
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 1,800	HW 1,100									
Advanced Regeneration:		Understocked		Fully Stocked x		Overstocked		Patchy				
Regeneration:		1. Spp. BF		Height 1m		2. Spp. RM		Height 1m				
		3. Spp.		Height		4. Spp.		Height				
GROUND OBSERVATIONS												
Ground Vegetation Species Present:				Starflower, Yellow clintonia, Aster, Cinnoman fern, New york fern, Beaked hazel								
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 N		Beaver Present N Y / N		
Drainage: Poor		Moderate x		Good		Excellent		Erosion Control Required N Y / N				
Snag Trees:		Adequate x		Inadequate								
Coarse Woody Material:		Adequate x		Inadequate								
Dens		Nests (Raptors, songbirds, etc.)										
Wildlife Observed		Nothing 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 X	Stems/Ha									
Comments:		2010 White pine plantation that is growing slowly and varying in size at low density. Mixed wood stand yellow birch, white birch, Sugarmaple present in the overstory (retention from past cut?). WP that has persevered to this stage have some being damaged by the weevil however blister rust does not seem to be present. The WP are doing better with open canopy those within the overstory are growing poorly, some WP are producing cones. Not enough density to do maintenance or cleaning for the plantation. No treatment at this time monitor WP plantation.										

STAND TALLY SHEET													
CRUISER	M. Buchanan		STAND #		30288		PLANTATION #						
PROPERTY #	48157		AREA		3.2 ha		Date	22 /	7 /	24			
								D	M	Y			
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	YB	90	48.5	16.5	90	4							
2	WS	90	56.4	17	50	5							
3	RM	60	25.4	15	50	6							
STAND INFORMATION													
Stand Basal Area	SW	M ² /Ha		SWSL	M ² /Ha		HW	M ² /Ha		HWSL	M ² /Ha		
Species and (%)	RM4	%	BF2	%	WB2	%	YB10	%	WS10				
Even-aged x	Uneven-aged										Biomass		
Slope	10 %	Aspect	N										
Stand Origin:	Old Field	Partial Cut		Burn		Unploughed							
	Windfall	Non Forest				Ploughed							
	Clear Cut	Unknown x											
Stand Maturity Class:	Regeneration		Immature		Mature		Over-mature x						
Stand Stocking:	Understocked		Fully Stocked x		Overstocked		Patchy						
Density:	SW	1,100	HW	1,400									
Advanced Regeneration:	Understocked		Fully Stocked x		Overstocked		Patchy						
Regeneration:	1. Spp. YB		Height 2m		2. Spp. RM		Height 1m						
	3. Spp. BF		Height 1m		4. Spp.		Height						
GROUND OBSERVATIONS													
Ground Vegetation Species Present:	Aster, yellow clintonia, false lily of the valley, Wood fern, Raisen, 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	N	Pond	N	Stream	Y	Seeps	Y	Beaver Present			N Y / N
Drainage:	Poor	Moderate		Good	X	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	Barred Owl												
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	X	Stems/Ha										
Comments:	<p>Difficult stand to get to with equipment. Stand is on a slope towards stream good for stand drainage.</p> <p>Mature tolerant hardwood stand with large yellow birch & maples with good seed as lots is regenerating in the understory. Stand is at the southern property boundary. Not many stands like this one in the western region. No treatment; Leave this area to develop naturally to protect old hardwood forest features. Bf will thin out naturally creating space for natural regeneration of hardwoods.</p>												

STAND TALLY SHEET												
CRUISER		M. Buchanan		STAND #		30270		PLANTATION #				
PROPERTY #		48157		AREA		1.5 ha		Date		22 /	7 /	24
										D	M	Y
SAMPLE TREE INFORMATION												
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	
1	YB	80	42.4	16	75	4						
2	RM	40	20.4	14	40	5						
3	WA	100	58.6	17	75	6						
STAND INFORMATION												
Stand Basal Area		SW	M ² /Ha		SWSL	M ² /Ha		HW	M ² /Ha		HWSL	M ² /Ha
Species and (%)		RM4	%	YB2	%	WB2	%	WA10	%	BF10%		
Even-aged		Uneven-aged		Biomass								
Slope		0 %	Aspect		0							
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed		x		
		Windfall		Non Forest				Ploughed				
		Clear Cut		Unknown		x						
Stand Maturity Class:		Regeneration		Immature		Mature		x		Over-mature		
Stand Stocking:		Understocked		Fully Stocked		x		Overstocked		Patchy		
Density:		SW	1,000		HW	1,400						
Advanced Regeneration:		Understocked		Fully Stocked		x		Overstocked		Patchy		
Regeneration:		1. Spp. WA		Height		4m		2. Spp. Stripped		Height		1.5m
		3. Spp.		Height				4. Spp.		Height		
GROUND OBSERVATIONS												
Ground Vegetation Species Present:		Mountain Maple, Interrupted fern, choke cherry, Sarsaparilla, sensitive fern, ground cedar, club moss, red baneberry, spotted touch me knot										
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: Spotted touch me knot, Poorly drained/ high water						
ENVIRONMENTAL OBSERVATIONS												
Water Course		N	Bog	N	Pond	N	Stream	N	Seeps	N	Beaver Present	N Y / N
Drainage:		Poor	X	Moderate	Good	Excellent	Erosion Control Required		N	Y / N		
Snag Trees:		Adequate	X	Inadequate								
Coarse Woody Material:		Adequate	X	Inadequate								
Dens		Nests (Raptors, songbirds, etc.)										
Wildlife Observed		Nothing 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:		<p>The eastern edge of the property bordering open field. Half of stand on private land has been recently harvested. Tolerant hardwood stand with White elm, white ash, black ash, sugar maple, red maple, yellow birch, and white birch. Spruce is in decline maple and ash, Elm regen establishing in the understory. Poisonous herbaceous species red baneberry, spotted touch me knot. No treatment; leave to develop naturally due to the significant number of natural features including old hardwood forest type with diverse tree and vegetation species. Stand is Not common in the western region thus it makes sense to preserve.</p>										

STAND TALLY SHEET											
CRUISER	M. Buchanan		STAND #	30363		PLANTATION #					
PROPERTY #	48157		AREA	2.32 ha		Date	22 /	7 /	24		
							D	M	Y		
SAMPLE TREE INFORMATION											
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%
1	WA	60	34.3	14	30	4					
2	WB	60	30.9	13	15	5					
3	YB	60	26.1	13	80	6					
STAND INFORMATION											
Stand Basal Area	SW	M ² /Ha		SWSL	M ² /Ha		HW	M ² /Ha		HWSL	M ² /Ha
Species and (%)	RM5	%	WB2	%	BF10	%	WS10	%	WA,STRM	10%	
Even-aged	Uneven-aged		x						Biomass		
Slope	0 %	Aspect	0								
Stand Origin:	Old Field			Partial Cut	x		Burn			Unploughed	
	Windfall			Non Forest						Ploughed	
	Clear Cut			Unknown							
Stand Maturity Class:	Regeneration				Immature			Mature	x		Over-mature
Stand Stocking:	Understocked				Fully Stocked	x		Overstocked			Patchy
Density:	SW	1,600	HW	1,400							
Advanced Regeneration:	Understocked				Fully Stocked	x		Overstocked			Patchy
Regeneration:	1. Spp.	BF	Height		3.3m	2. Spp.	WA	Height		4.5m	
	3. Spp.	Stripped	Height		3.5m	4. Spp.	BF	Height		1.2m	
GROUND OBSERVATIONS											
Ground Vegetation Species Present:			Interrupted fern, wood fern, false lily of the valley, Star flower, sarsaparilla								
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	Y	Seeps	N	Beaver Present	N Y / N
Drainage:	Poor	Moderate		Good	x	Excellent		Erosion Control Required		N Y / N	
Snag Trees:	Adequate	x	Inadequate								
Coarse Woody Material:	Adequate	x	Inadequate								
Dens	Nests (Raptors, songbirds, etc.)										
Wildlife Observed	Birdlife and clean water system expect water life.										
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	x	Stems/Ha								
Comments:	Mossy mature natural hardwood stand is in the riparian buffer surrounding Dalton's brook. Diverse stand with an abundant amount of stripped maple, white ash, and balsam fir regen and thickets of mountain maple and ground hemlock. Large healthy hemlock and an ironwood identified next to stream. No Treatment; leave natural as stand is occuppanied by rare species of the region and stand is located within stream buffer zone. Potential site to monitor for EAB.										

STAND TALLY SHEET												
CRUISER		M. Buchanan		STAND #		30286		PLANTATION #				
PROPERTY #		48157		AREA		3.2 ha		Date		22 /	7 /	24
										D	M	Y
SAMPLE TREE INFORMATION												
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	
1	RM	45	20.5	14	70	4						
2	SM	30	21.6	14	50	5						
3	WB	45	27.1	15	60	6						
STAND INFORMATION												
Stand Basal Area		SW	M ² /Ha		SWSL	M ² /Ha		HW	M ² /Ha		HWSL	M ² /Ha
Species and (%)		RM5	%	BF2	%	SM2	%	WB10	%			
Even-aged		Uneven-aged				x				Biomass		
Slope		0	%	Aspect		0						
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed				
		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	1,000	HW	1,200							
Advanced Regeneration:		Understocked		Fully Stocked		x		Overstocked		Patchy		
Regeneration:		1. Spp. WE		Height		5m		2. Spp. WB		Height		4m
		3. Spp. WE		Height		6m		4. Spp.		Height		
GROUND OBSERVATIONS												
Ground Vegetation Species Present:				Cinnamon fern, Beaked hazel, sarsparilla, false lily of the valley, long beech fern, Sensitive fern, aster, alternate leaf dogwood, false solaman seal								
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				
ENVIRONMENTAL OBSERVATIONS												
Water Course		N,	Bog	N	Pond	N	Stream	N	Seeps	N	Beaver Present	N Y / N
Drainage:		Poor	x	Moderate	Good	Excellent			Erosion Control Required			
Snag Trees:		Adequate	x	Inadequate								
Coarse Woody Material:		Adequate	x	Inadequate								
Dens		Nests (Raptors, songbirds, etc.)										
Wildlife Observed		Hawk, Partridge										
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	x	Stems/Ha								
Comments:		<p>Tolerant hardwood stand with white elm and regen. Stand is on the property boundary next to field. Heavy ground veg walking through ferns at waist-level throughout. Stand is showing signs of surface water however plan was done during extremely dry conditions. Expect seasonal water pooling on site. Sugar maple is also present in stand. Old notes indicate that there was a walking trail on site however there are no indications at this time was not maintained or used.</p>										

STAND TALLY SHEET											
CRUISER		M. Buchanan		STAND #		30273		PLANTATION #			
PROPERTY #		48157		AREA		2 ha		Date		22 / 7 / 24	
								D		M Y	
SAMPLE TREE INFORMATION											
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%
1	BF	50	31.7	14	10	4					
2	RM	30	15.3	12	20	5					
3	SM	30	19.9	12	50	6					
STAND INFORMATION											
Stand Basal Area		SW		M ² /Ha		SWSL		M ² /Ha		HW	
Species and (%)		RM4		% BF2		% WB2		% WS10		% SM10	
Even-aged x		Uneven-aged								Biomass	
Slope		5 %		Aspect		N					
Stand Origin:		Old Field x		Partial Cut x		Burn		Unploughed			
		Windfall		Non Forest				Ploughed			
		Clear Cut		Unknown							
Stand Maturity Class:		Regeneration		Immature		Mature x		Over-mature			
Stand Stocking:		Understocked		Fully Stocked x		Overstocked		Patchy			
Density:		SW 1,400		HW 1,200							
Advanced Regeneration:		Understocked		Fully Stocked x		Overstocked		Patchy			
Regeneration:		1. Spp. SM		Height 0.3m		2. Spp. BF		Height 0.5m			
		3. Spp. PO		Height 2m		4. Spp. RM		Height 2m			
GROUND OBSERVATIONS											
Ground Vegetation Species Present:				Starflower, aster, bracken fern, beaked hazel, wood fern, ground cedar, clubmoss, violet, red elderberry							
Ground Hemlock x				Y / N							
Invasive Species Present				Y / N x							
Site Indicators				Y / N x							
				If yes then what species:							
				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		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		nothing 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:		Mixed wood stand with lots of BF mortality. Thick ground hemlock, stand is next to an open field on private property increasing the likelihood of windfall. Dieing BF will will blow over with time allowing for natural seeding of hardwoods (SM, RM, WB). BF will become coarse woody debris as it has no prodcut value, good for wildlife values. Looked for ironwood based on past stand notes however none identified. Stand is selfthinning.									

CRUISER	M. Buchanan		STAND #	30355		PLANTATION #			
PROPERTY #	48157		AREA	1.9 ha		Date	22 /	7 /	24
							D	M	Y

SAMPLE TREE INFORMATION											
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%
1	LA	50	31.3	14	40	4					
2	RM	25	13.4	11	90	5					
3	PO	40	19.8	12	30	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	%	RM2	%	PO2	%	GB10	%				
Even-aged x	Uneven-aged								Biomass			
Slope	0 %	Aspect	0									
Stand Origin:	Old Field		Partial Cut		Burn		Unploughed					
	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	1,400	HW	1,000								
Advanced Regeneration:	Understocked x			Fully Stocked			Overstocked			Patchy		
Regeneration:	1. Spp.	RM	Height	0.5m	2. Spp.	RM	Height	0.5m				
	3. Spp.		Height		4. Spp.		Height					

GROUND OBSERVATIONS	
Ground Vegetation Species Present:	Aster, Golden rod, raspberry, alder, wild strawberry, dwarf raspberry, Bunchberry
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 N Beaver Present N Y / N
Drainage:	Poor 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	Nothing 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 x Stems/Ha
Comments:	Spruce is starting to show signs of decline. stand is poorly drained in areas throughout the stand seen in the changes in vegetation. Old car on site. Spruce block is located in the central part of the stand behind house on private property. Leave stand intact even though it is showing signs of decline to protect the privacy of the adjacent residential lot while also providing wind protection to the woodlot. Minimal merchantable timber on site. Residential owner family once owned woodlot.

STAND TALLY SHEET													
CRUISER		M. Buchanan		STAND #		30359		PLANTATION #					
PROPERTY #		48157		AREA		3 ha		Date		22 / 7 / 24			
								D		M Y			
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	WS	30	26.2	12	85	4							
2	WS	35	24.6	11	85	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 (%)		WS6	%	RM2	%	WB2	%	GB10	%	PO10			
Even-aged		X		Uneven-aged						Biomass			
Slope		0 %		Aspect		0							
Stand Origin:		Old Field		Partial Cut		Burn		Unploughed					
		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	1,200	HW	800								
Advanced Regeneration:		Understocked		x		Fully Stocked				Overstocked		Patchy	
Regeneration:		1. Spp.	Po	Height	1m	2. Spp.	WS	Height	3m				
		3. Spp.		Height		4. Spp.		Height					
GROUND OBSERVATIONS													
Ground Vegetation Species Present:		Aster, bunchberry, red elderberry, goldenrod											
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		Moderate		X		Good		Excellent		Erosion Control Required	
Snag Trees:		Adequate		X		Inadequate							
Coarse Woody Material:		Adequate				Inadequate		X					
Dens		N		Nests (Raptors, songbirds, etc.)		N							
Wildlife Observed		Nothing 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		x		Stems/Ha							
Comments:		<p>Patchy mixed wood stand effective for windfall protection of the property. Stems are high in LCR as they are open-grown in some areas. Higher density SW on the northern portion of the stand close to the house. Stand is very similar to the coastal spruce on the opposite side of the road as it is low density with herbaceous coastal plants present. protect the privacy of the adjacent residential lot while also providing wind protection to the woodlot No treatment. Underplanting could be successful here due to the low density to supplement the natural development.</p>											

CRUISER		M. Buchanan		STAND #		30323, 30325, 30357,		3090031,3100011,318	
PROPERTY #		48157		AREA		30324,30356		PLANTATION #	
				4 ha				0131,	
						Date		22 / 7 / 24	
						D		M Y	

SAMPLE TREE INFORMATION											
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%
1	WP	10		2m		4					
2	LA	10		2m		5					
3	BS	5		1m		6					

STAND INFORMATION											
Stand Basal Area	SW	M ² /Ha	SWSL	M ² /Ha	HW	M ² /Ha	HWSL	M ² /Ha			
Species and (%)	BS2	%	LA2	%	WP2	%	PO2	%	GB2		
Even-aged	Uneven-aged						Biomass				
Slope	0 %	Aspect	0								
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	10,000	HW	5,000							
Advanced Regeneration:	Understocked			Fully Stocked	x	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	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	Moderate	X	Good	Excellent	Erosion Control Required	N	Y / N			
Snag Trees:	Adequate	Inadequate	X								
Coarse Woody Material:	Adequate	X	Inadequate								
Dens	Nests (Raptors, songbirds, etc.)										
Wildlife Observed	Nothing 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:	Area contains multiple different plantations from 2009-2019 with LA,BS,WP planted. Decided to group these plantations as they all require maintenance to eliminate competition in order to improve growth of planted stems and the natural regeneration. Maintenance of stands should occur ASAP and be monitored for a second maintenance 2-5 years following.										

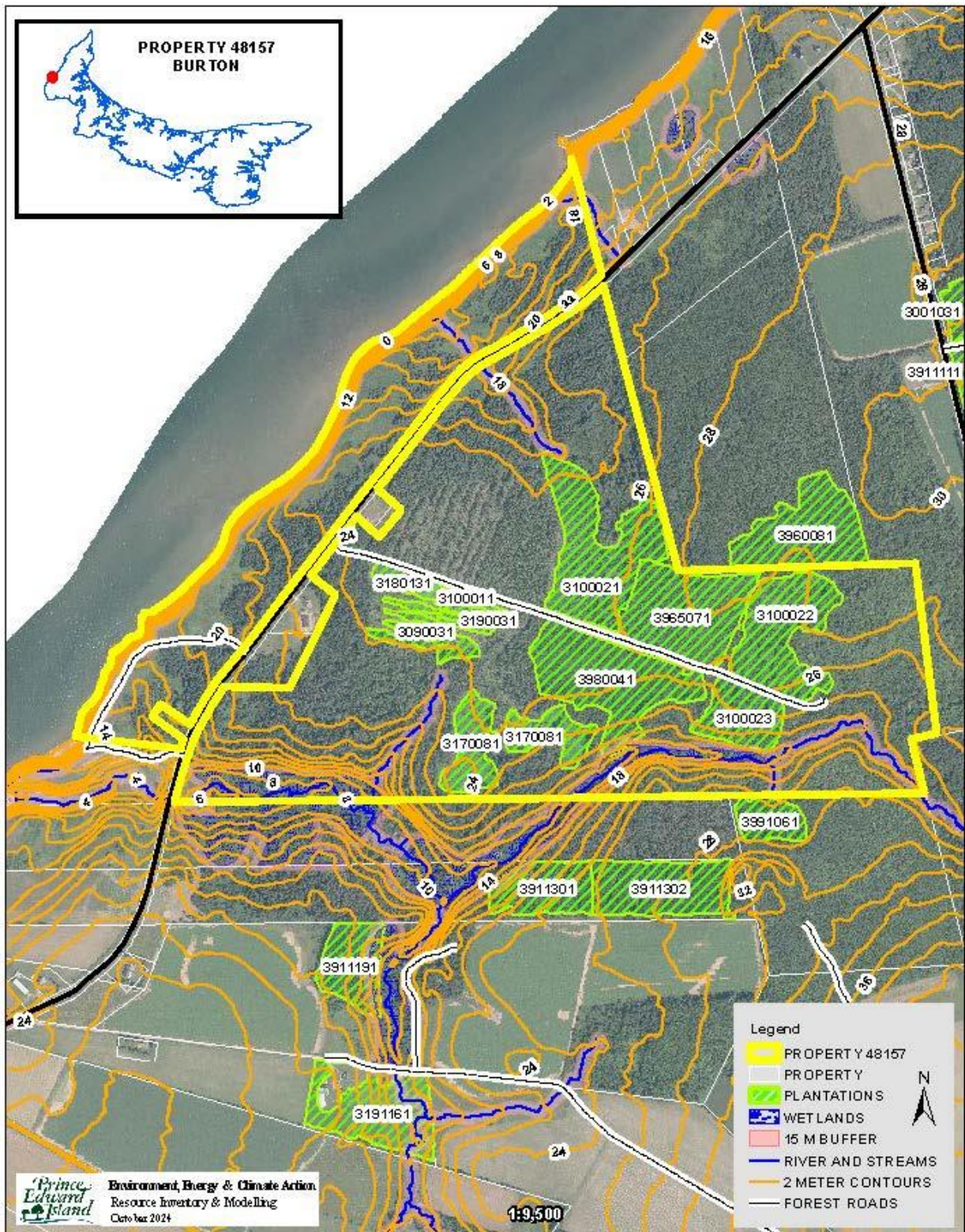
STAND TALLY SHEET												
CRUISER		M. Buchanan		STAND #		30220		PLANTATION #				
PROPERTY #		48157		AREA		2.4 ha		Date		22 /	7 /	24
										D	M	Y
SAMPLE TREE INFORMATION												
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	
1	WS	40	22.8	14	30	4						
2	WS	40	26.8	14	30	5						
3	WS	40	18.1	14	30	6						
STAND INFORMATION												
Stand Basal Area	SW	M ² /Ha		SWSL	M ² /Ha		HW	M ² /Ha		HWSL	M ² /Ha	
Species and (%)	WS8	%	PO10	%	RM10	%						
Even-aged x	Uneven-aged								Biomass			
Slope	5 %	Aspect S										
Stand Origin:	Old Field	x	Partial Cut			Burn			Unploughed			
	Windfall		Non Forest						Ploughed			
	Clear Cut		Unknown									
Stand Maturity Class:	Regeneration				Immature			Mature	x	Over-mature		
Stand Stocking:	Understocked				Fully Stocked	x	Overstocked				Patchy	
Density:	SW	1,800	HW	100								
Advanced Regeneration:	Understocked		x	Fully Stocked				Overstocked			Patchy	
Regeneration:	1. Spp.	BF	Height	1m	2. Spp.	WS	Height	0.8m				
	3. Spp.		Height		4. Spp.		Height					
GROUND OBSERVATIONS												
Ground Vegetation Species Present:		Red elderberry, Starflower, Bittersweet										
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	Y	Pond	N	Stream	N	Seeps	N	Beaver Present	N Y / N	
Drainage:	Poor	Moderate	x	Good		Excellent		Erosion Control Required N Y / N				
Snag Trees:	Adequate	x	Inadequate									
Coarse Woody Material:	Adequate	x	Inadequate									
Dens	Nests (Raptors, songbirds, etc.)											
Wildlife Observed	Nothing 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						
Pre-commercial Thinning			Reforestation			Riparian Zone Mgmt						
Pln. Maint.	Y / N	x	Stems/Ha									
Comments:	<p>Natural spruce stand in rows next to Daltons Brook. Stand is showing signs of decline due to blowdown and spruce beetle. Monitor for harvest by end of plan. Buffer Daltons brook and harvest. Plant WS, BS, WP, and monitor and maintain. residential Land owner in front of the stand assure a buffer for privacy around his property. Landowner should be updated in advance of planning on any harvesting operations.</p>											

STAND TALLY SHEET												
CRUISER		M. Buchanan			STAND #		30316		PLANTATION #			
PROPERTY #		48157			AREA		3.3 ha		Date		22 / 7 / 24	
									D		M Y	
SAMPLE TREE INFORMATION												
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	
1	SM	40	26.3	15m	70	4						
2	BF	40	32.8	14m	40	5						
3	RM	40	24.6	14m	80	6						
STAND INFORMATION												
Stand Basal Area		SW	M ² /Ha		SWSL	M ² /Ha		HW	M ² /Ha		HWSL	M ² /Ha
Species and (%)		RM3	%	BF3	%	SM2	%	WB10	%	WS10		
Even-aged x		Uneven-aged								Biomass		
Slope		0 %		Aspect		0						
Stand Origin:		Old Field x		Partial Cut		Burn		Unploughed				
		Windfall		Non Forest				Ploughed				
		Clear Cut		Unknown								
Stand Maturity Class:		Regeneration		Immature		Mature x		Over-mature				
Stand Stocking:		Understocked		Fully Stocked x		Overstocked		Patchy				
Density:		SW	1,000		HW	1,200						
Advanced Regeneration:		Understocked		Fully Stocked		Overstocked		Patchy				
Regeneration:		1. Spp. RM		Height 3m		2. Spp. RM		Height 0.5m				
		3. Spp. WB		Height 1m		4. Spp.		Height				
GROUND OBSERVATIONS												
Ground Vegetation Species Present:		Bunchberry, beaked hazel, red elderberry, ground cedar, clubmoss, wild raisen, starflower, Aster, hay-scented 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		N	Pond		N	Stream		N	Seeps N
Drainage:		Poor	Moderate		Good	x		Excellent		Erosion Control Required		N Y / N
Snag Trees:		Adequate x		Inadequate								
Coarse Woody Material:		Adequate		Inadequate x								
Dens		Nests (Raptors, songbirds, etc.)										
Wildlife Observed		Nothing Observed										
Comments												
STAND PRESCRIPTION												
No Treatment				Regeneration Cut				Crop Tree Release				Block Cut
Shelterwood Cut				Selection Cut				Patch Cut		x		Strip Cut
Commercial Thinning				Afforestation				Site Preparation				
Pre-commercial Thinning				Reforestation				Riparian Zone Mgmt				
Pln. Maint.		Y / N x		Stems/Ha								
Comments:		<p>Walking trail on site. trail is in Poor condition grown in with ground hemlock and blowdown across the trail. Stand is low density mixedwood of BF and tolerant hardwoods. Mature YB present in northern portion of stand. Trail passes into 30286 and leads to recent clearcut on adjacent private land. Recommend to patch harvest BF and declining stems with the crew and do a enrichment planting. Neighbouring stands are diverse showing the capability of the soils. Recommend to plant diverse species including tolerant hardwoods and or late successional species such as Cedar or Hemlocks. The establishment of a diverse stand will create a more climate resistant and hardy stand against pests and disturbances.</p>										

STAND TALLY SHEET													
CRUISER		M. Buchanan			STAND #		30223 PLANTATION #						
PROPERTY #		48157			AREA		3.25 ha		Date		22 / 7 / 24		
									D		M		Y
SAMPLE TREE INFORMATION													
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%		
1	RM	40	24.4	14	30	4							
2	WB	40	25.1	14	30	5							
3						6							
STAND INFORMATION													
Stand Basal Area		SW		M ² /Ha		SWSL		M ² /Ha		HW		M ² /Ha	
Species and (%)		RM3		%		WB3		%		PO2		%	
Even-aged		Uneven-aged		x								Biomass	
Slope		0		%		Aspect		0					
Stand Origin:		Old Field		x		Partial Cut				Burn			
		Windfall				Non Forest				Unploughed			
		Clear Cut				Unknown				Ploughed			
Stand Maturity Class:		Regeneration		x		Immature				Mature		x	
Stand Stocking:		Understocked		x		Fully Stocked				Overstocked			
Density:		SW		600		HW		800					
Advanced Regeneration:		Understocked		x		Fully Stocked				Overstocked			
Regeneration:		1. Spp.				Height				2. Spp.			
		3. Spp.				Height				4. Spp.			
GROUND OBSERVATIONS													
Ground Vegetation Species Present:													
		Wild raisen, 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		N,		Bog		N		Pond		N		Stream	
Drainage:		Poor		Moderate		x		Good				Excellent	
Snag Trees:		Adequate		Inadequate		x							
Coarse Woody Material:		Adequate		x		Inadequate							
Dens		N		Nests (Raptors, songbirds, etc.)		N							
Wildlife Observed													
Comments													
STAND PRESCRIPTION													
No Treatment				x		Regeneration Cut				Crop Tree Release			
Shelterwood Cut						Selection Cut				Patch Cut			
Commercial Thinning						Afforestation				Site Preparation			
Pre-commercial Thinning						Reforestation				Riparian Zone Mgmt			
Pln. Maint.		Y / N				Stems/Ha							
Comments:													
		This is a mixed-wood stand that was salvaged for declining WS while being used for access to a block harvest in 2016-17. Low-density mixed wood stands some older stems throughout however most merchantable stems were cut in access. No treatment. The stand is still accessible for contractors if manual maintenance is needed on plantations.											

STAND TALLY SHEET												
CRUISER		M. Buchanan		STAND #		302,813,025,230,253		PLANTATION #				
PROPERTY #		48157		AREA		5.49 ha		Date		22 / 7 / 24 D M Y		
SAMPLE TREE INFORMATION												
Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	Tree#	SPP.	AGE	D.B.H.	HEIGHT	LCR%	
1	AL					4						
2						5						
3						6						
STAND INFORMATION												
Stand Basal Area		SW	M ² /Ha		SWSL	M ² /Ha		HW	M ² /Ha		Biomass	
Species and (%)		AL6	%	WS2	%	BF10	%	RM10				
Even-aged		Uneven-aged		x								
Slope		0	%	Aspect		0						
Stand Origin:		Old Field	x	Partial Cut		Burn		Unploughed				
		Windfall		Non Forest				Ploughed				
		Clear Cut		Unknown								
Stand Maturity Class:		Regeneration		Immature		Mature		x		Over-mature		
Stand Stocking:		Understocked		x		Fully Stocked		Overstocked		Patchy		
Density:		SW	HW									
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:		Lambkill, Sensitive 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		N,	Bog	N	Pond	N	Stream	N	Seeps	N	Beaver Present	N Y / N
Drainage:		Poor	x	Moderate	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												
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:		<p>These three stands are of poor drainage 2/3 being wetlands and the other 1/3 is showing characteristics of a wetland. The majority of species across these stands are alders with low tree density. These areas should be protected for their sensitive soils and wildlife value and will be protected with a buffer if any operations are operating close to these stands.</p>										

Appendix G. Plantation Map with Contour Lines



Appendix H. Work Completed

Activity Number	Treatment Code	Amount Completed	Treatment Date	Treatment Description
0	1	0.34	3/20/1991	Class 1 Road Construction
0	1	0.71	12/17/1991	Class 1 Road Construction
3160533	110	2.2	9/30/2016	Commercial Softwood< 5000 /Ha
	110	1.5	7/11/2017	Commercial Softwood< 5000 /Ha
	16	0.6	10/8/2022	Misc. Road Maintenance
3230520	16	1.09	10/23/2023	Misc. Road Maintenance
0	16B	1.8	10/26/2011	Mechanical roadside trimming
3130514	16B	0.9	11/25/2013	Mechanical roadside trimming
	16B	1.05	12/8/2014	Mechanical roadside trimming
3160522	16B	1.1	9/9/2016	Mechanical roadside trimming
3220521	16B	1.1	2/22/2023	Mechanical roadside trimming
	16C	181.49	7/20/2016	Shale fill and leveling
3160532	16C	72	9/13/2016	Shale fill and leveling
3170500	16C	51.3	7/14/2017	Shale fill and leveling
3965171	29	3.9	12/20/1995	Raking Crawler Tractor-Root Rake:per Ha
0	29	4.34	12/1/1997	Raking Crawler Tractor-Root Rake:per Ha
3100011	30B	5607	7/20/2010	Manual Site Preparation per Site (Hawk)
3100021	30B	9135	7/20/2010	Manual Site Preparation per Site (Hawk)
3100022	30B	3969	7/20/2010	Manual Site Preparation per Site (Hawk)
3100023	30B	1386	7/20/2010	Manual Site Preparation per Site (Hawk)
3170082	30B	5080	6/19/2017	Manual Site Preparation per Site (Hawk)
3180131	30B	1625	7/10/2018	Manual Site Preparation per Site (Hawk)
	30B	1008	6/26/2019	Manual Site Preparation per Site (Hawk)
0	38B	4.34	12/1/1997	Slash Pile Burn: Between 4 and 6 Ha
0	3G	1	12/17/1991	Culvert 45cm class 1&2 road
0	3I	1	12/17/1991	Culvert 60cm Class 1&2 road
3180131	51W	1625	7/10/2018	BLACK SPRUCE - WESTERN
3980041	55W	12779	6/23/1998	WHITE SPRUCE - WESTERN
3170082	55W	3224	6/19/2017	WHITE SPRUCE - WESTERN
3100011	56WI	5607	7/20/2010	INTERPLANT WHITE PINE - WESTERN
3100021	56WI	9135	7/20/2010	INTERPLANT WHITE PINE - WESTERN
3100023	56WI	1386	7/20/2010	INTERPLANT WHITE PINE - WESTERN
3100022	56WI	3969	7/20/2010	INTERPLANT WHITE PINE - WESTERN
3170082	59W	1856	6/19/2017	EASTERN LARCH - WESTERN
	59W	1008	6/26/2019	EASTERN LARCH - WESTERN
3965071	61W	11220	6/17/1996	JAPANESE LARCH - WESTERN
0	7	0.32	12/17/1991	Class 3 Road Construction
3980041	82B	4.34	10/18/1999	Herbicide:Broadcast : 1st Treatment
3965071	88A	2.45	3/27/1997	Class I : Manual : 0 -5000/Ha <6 Metres
	88B	2.7	3/9/2018	Class 2 : Manual : 5001-10000/Ha <6 Metres
	88C	1.6	12/18/2022	Class 3 : Manual : 10001-15000/Ha <6 Metres
3965071	88D	4.06	11/10/2006	Class 4 : Manual : 15001-20000/Ha <6 Metres
3980041	88D	5.22	11/10/2006	Class 4 : Manual : 15001-20000/Ha <6 Metres
3170081	88D	1.1	10/21/2019	Class 4 : Manual : 15001-20000/Ha <6 Metres
3170081	88E	1.6	10/21/2019	Class 5 : Manual : 20001- 25000/Ha <6 Metres
3160537	91	0.3	5/10/2016	Strip Cut
3160534	91	2.5	8/26/2016	Strip Cut
	91	1.3	1/27/2017	Strip Cut
	91	1.1	8/16/2017	Strip Cut
0	92	4.34	11/28/1997	Clearcut Block
	92	1.8	1/27/2017	Clearcut Block
	92	2.7	2/15/2017	Clearcut Block
	93	1.6	1/27/2017	Patch Cut
3100021	94	4.9	7/20/2010	Crop Tree Release
3100022	94	3.8	7/20/2010	Crop Tree Release
3100023	94	1.7	7/20/2010	Crop Tree Release
	97	138.7	9/20/2017	Wood Extraction