P.E.I.
Public Forests



Woodlot Management Plan

Property Number: 428748

Location: Mt. Pleasant

Table of Contents

Goals and Management Objectives	1
Property Overview	2
Location	2
Past Information	2
Landuse	2
Property Information	2
Wetland and Watercourses	3
Property Boundaries	3
Fire Protection	4
Planting and Silviculture	4
Proposed Treatments	4
Table 1. Proposed Treatment Summary	5
Appendices	7
Appendix A. Map of Property with Locator Map	8
Appendix B. 1935 Aerial Photography	9
Appendix C. 1968 Aerial Photography	10
Appendix D. 2010 Corporate Land Use Inventory	11
Appendix E. Forest Inventory Codes	12
Appendix F. Stand Tally Sheets from on the Ground Assessment	13
Appendix G. Plantation Map with Contour Lines	30
Appendix H. Work Completed	31

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. 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 # 428748 is situated on the Eastern side of the Western Road (Rte # 2) between the Harts Gravel Road and the Ellerslie Road (Rte. 133), in the community of Mount Pleasant, P.E.I. (Appendix A). The total area of this property is 122.3 hectares (302 acres); however, only the forested portion of the property is being managed by the Forests, Fish and Wildlife Division. The midpoint of the property is Latitude N 46.59915 decimal degrees, Longitude W -63.99819 decimal degrees.

Past Information

Local records and previous aerial photography show that the property was mostly agriculture land in 1935 (Appendix B) with some areas with forest cover. The 1968 aerial photograph (Appendix C) shows presence of an airstrip on the property and the eastern portion of the property in forest cover. Since the airstrip was abandoned a large portion of the property has reverted to forested land and abandoned agriculture land. There are, however, areas with an active agriculture lease on the property.

Landuse

This property is jointly managed by various Departments of the PEI Government; the Forests, Fish and Wildlife Division (Dept. of Environment, Energy and Climate Action), the Dept. of Tourism, and the Dept. of Transportation.

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

The headwater of two small streams lie within the property boundary. Water flows into larger watercourses outside the property boundary. Two open water wetlands and two wooded wetlands are located on the property as well). A 15-metre buffer zone is to be maintained around the watercourses and wetlands. These observations can be viewed in Appendix A.

Property Access

The property is well accessed from the Western Rd. Within the property an abandoned airstrip provides access to the forested land. This can be seen on Appendix A.

Property Boundaries

This property is bounded on the west by the Western Rd., the south by the Central Prince Grasslands Co-Operative Association and private land, and the east in part by private land and in part by the Central Prince Grasslands Co-Operative Association. Harts Gravel Rd. borders the north except for a section to the east which is bordered by private land. Within the property, there are two parcels of private land; namely 20901 and 1060672.

Fire Protection

This property is located within the jurisdiction of the Tyne Valley 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 two four-wheel drive forestry fire trucks housed at each of 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. There are no water sources on the property for forest fire suppression activities.

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")

<u>www.princeedwardisland.ca/sites/default/files/publications/2018 eco manual technical version - final.pdf</u> . Any additional information may be obtained by contacting a Provincial Forest representative at the District Forestry Office in Wellington.

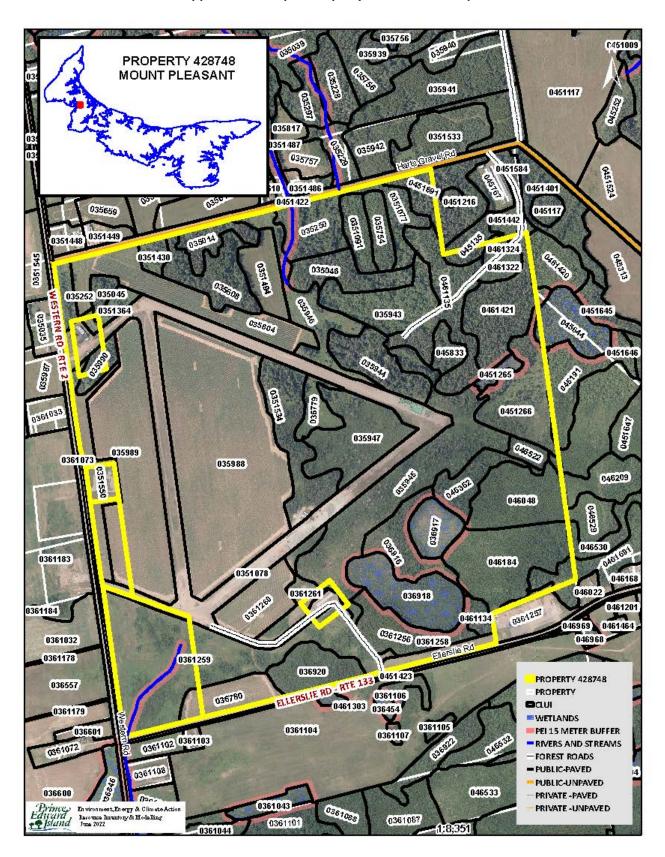
Table 1. Proposed Treatment Summary

Stand Number and Plantation Number	Treatment Type	Treatment Year	Amount Proposed (ha)	2018 Eco- Manual Reference	Comments	Goals
ST 35944 ST 35046 ST 461135 ST 461421 ST 454691 ST 35014 ST 35608 ST 351534 ST 36779	Block Harvest (Salvage)	2023	21.8	Pg. 30	There is a large SW component on this property that is overmature. Fiona Hurricane has blowdown some of the old field white spruce. Leave areas and cover patches will be layed out as per the Eco-manual throughout the harvest site. RM and WA is to be retained.	Salvage overmature and wood hurricane Fiona blowdown
ST 35945	Patch Harvest	2023	0.1	Pg. 29	A haul route will possibly be required through this HW stand requiring harvest on a 10m+ wide strip.	Provide a haul route to the landing area
						(continued)

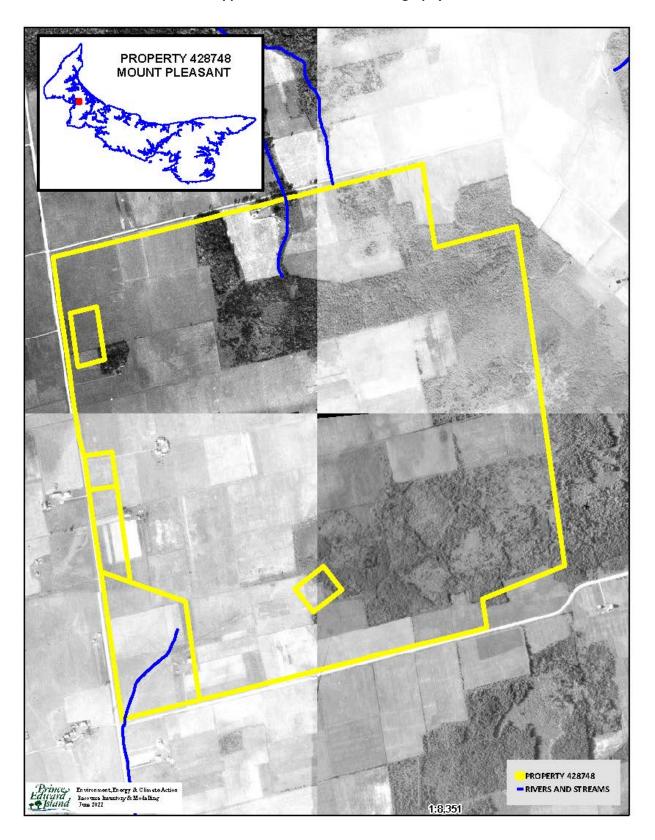
PN 3140032	Manual Plantation	2023	2.6	Pg. 17	Favour quality, maintain	Maintain diversity,
ST 451266 ST 35944 ST 35046	Maintenance				diversity (note WA to north).	develop quality
ST 461135 ST 461421 ST 454691 ST 35014 ST 355608 ST 351534 ST 36779	Manual Site Preparation and Reforestation	2024	21.8	Pg. 14, 16	Plant WS on the old field sites and BS/WP/RS on areas suitable for these species. WA can be mixed in on the wetter sites.	Reforest the harvest area
ST 35945	Manual Site Preparation and Reforestation	2024	0.1	Pg. 14, 16	Plant WA if it is available. Otherwise BS.	Reforest the site
PN 3140031 (ST 35943) PN 3060061 (ST 461324) PN 3060062 (ST 461322)	Manual Maintenance/Pre- commercial Thin	2025	4.6	Pg. 17, 22	There is a thick ingress of BF on PN 3140031 and LA and BF on the other two PN's. The treatment will be a combination manual maintenance /precommercial thinning and will varying throughout the sites.	Provide growing space for selected crop trees
ST 35945	Manual Plantation Maintenance	2027	0.1	Pg. 17	Eliminate undesirable competing vegetation	Improve growth of crop trees
ST 35944 ST 35046 ST 461135 ST 461421 ST 454691 ST 35014 ST 35608 ST 351534 ST 36779	Manual Plantation Maintenance	2028	21.8	Pg. 17	Eliminate undesirable competing vegetation	Improve growth of crop trees
PN 3020111 (ST 351091)	Block Harvest (modified)	2031	1.6	Pg. 30	Harvest the GB when it is of merchantable size. Keep the RP until it matures.	Harvest GB to diversify the stand structure
PN 3020111 (ST 351091)	Manual Site Preparation and Reforestation	2032	1.6	Pg. 14, 16	Plant a mix of species WP, WA, WS, BS to create a diverse stand.	Reforest and diversify species on- site
PN 3020111 (ST 351091)	Manual Plantation Maintenance	2035	1.6	Pg. 17	It is expected that two or more plantation maintenances will be required.	Improve growth of crop trees

Appendices

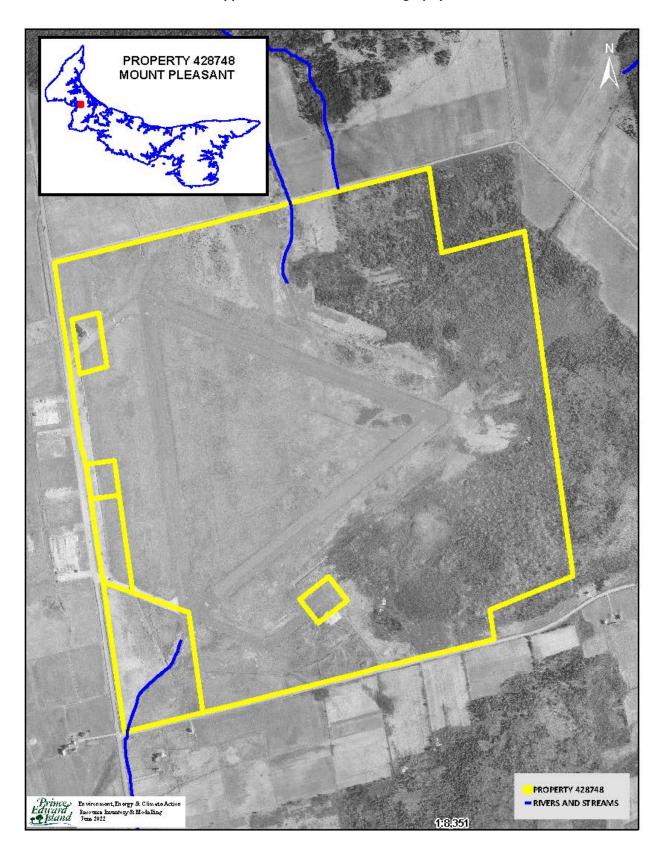
Appendix A. Map of Property with Locator Map



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	PER5	HEIGHT	НА
035045	WS	7.00	WB	1.00	LA	1.00	BF	1.00		0.00	11.00	0.61
035014	WS	7.00	BF	2.00	PO	1.00		0.00		0.00	16.00	1.52
035046	WS	5.00	WB	2.00	RM	2.00	LA	1.00		0.00	16.00	2.58
035943	RM	3.00	PO	2.00	WS	2.00	BF	2.00	RS	1.00	16.00	3.58
035944	WS	9.00	LA	1.00		0.00		0.00		0.00	18.00	2.93
035990	WS	5.00	RM	2.00	PO	1.00	WB	1.00	LA	1.00	6.00	0.64
0351091	RP	10.00		0.00		0.00		0.00		0.00	0.00	1.47
045135	WS	7.00	BF	2.00	RM	1.00		0.00		0.00	16.00	0.44
0451266	WS	4.00	PO	2.00	RS	2.00	RM	1.00	WB	1.00	18.00	4.50
0461135	WS	6.00	RS	2.00	BF	1.00	RM	1.00		0.00	16.00	4.91
0461322	LA	10.00		0.00		0.00		0.00		0.00	0.00	0.89
0461324	RP	10.00		0.00		0.00		0.00		0.00	0.00	0.33
0461421	WS	6.00	RS	2.00	BF	1.00	RM	1.00		0.00	16.00	4.14
0451691	WS	6.00	PO	1.00	WB	1.00	DT	1.00	BF	1.00	20.00	1.14
036916	WS	3.00	RS	2.00	RM	2.00	PO	2.00	LA	1.00	13.00	2.73
046522	LA	6.00	WB	2.00	RM	1.00	RS	1.00		0.00	9.00	0.68
036920	AL	7.00	PO	1.00	LA	1.00	WB	1.00		0.00	6.00	2.55
035250	RM	3.00	AL	3.00	WS	2.00	LA	1.00	SM	1.00	10.00	2.84
0461420	CC	10.00		0.00		0.00		0.00		0.00	0.00	0.03
035608	PO	4.00	WS	3.00	RM	2.00	LA	1.00		0.00	15.00	3.25
035945	AL	6.00	PO	1.00	WB	1.00	WS	1.00	RM	1.00	4.00	9.41
035947	CC	10.00		0.00		0.00		0.00		0.00	0.00	4.78
0351430	CC	10.00		0.00		0.00		0.00		0.00	0.00	0.71
0351534	AL	6.00	WS	2.00	LA	1.00	RM	1.00		0.00	4.00	4.30
0351077	RM	3.00	PO	3.00	WS	2.00	WB	1.00	EM	1.00	17.00	1.75
035754	PO	4.00	RM	2.00	WB	2.00	PC	1.00	BF	1.00	8.00	1.33
045833	PO	6.00	WB	2.00	RM	1.00	WS	1.00		0.00	20.00	0.92
045191	CC	10.00		0.00		0.00		0.00		0.00	0.00	0.09
046209	RM	5.00	PO	3.00	RS	1.00	BF	1.00		0.00	17.00	0.12
0451442	AL	7.00	NS	3.00		0.00		0.00		0.00	3.00	0.02
046362	PO	4.00	RM	3.00	RS	1.00	WB	1.00	LA	1.00	16.00	2.00
046530	RM	4.00	PO	4.00	WS	1.00	WB	1.00		0.00	14.00	0.03
046529	RM	3.00	RS	3.00	PO	2.00	BF	1.00	WB	1.00	13.00	0.00
0461134	RM	4.00	WS	3.00	EM	1.00	WB	1.00	YB	1.00	15.00	0.69
046184	RM	3.00	PO	3.00	BS	2.00	WB	2.00		0.00	5.00	5.82
046048	PO	4.00	RM	3.00	WB	2.00	NS	1.00		0.00	6.00	4.17
0361256	GB	5.00	PO	4.00	RM	1.00		0.00		0.00	20.00	2.79
0461691	RM	5.00	PO	2.00	WS	1.00	BE	1.00	WB	1.00	14.00	0.72
045644	BS	8.00	LA	1.00	BF	1.00		0.00		0.00	9.00	0.12
036918	BS	3.00	PO	3.00	RM	2.00	LA	2.00		0.00	6.00	4.10

Appendix E. Forest Inventory Codes

EXPLANATION OF FOREST CODES; <u>SPECIES</u>

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

PERC	ENT	CRO	WN CLOSURE				
0	1 - 9%	A	91 % - 100%				
1	10 - 19%	В	81 % - 90 %				
2	20 - 29 %	\mathbf{C}	71 % - 80 %				
3	30 - 39 %	D	61 % - 70 %		ORIGIN ANI	D HISTO	<u>RY</u>
4	40 - 49 %	\mathbf{E}	51 % - 60 %	BR	Burn	DI	Disease-Insect
5	50 – 59 %	\mathbf{F}	41 % - 50 %	WF	Wind Fall	OF	Old Field
6	60 - 69 %	\mathbf{G}	31 % - 40 %	PC	Partial Cut	PN	Plantation
7	70 - 79 %	H	21 % - 30 %	\mathbf{CC}	Clear Cut	HR	Hedgerow
8	80 - 89 %	I	11 % - 20 %	TH	Thinning	EP	Excavation Pit
9	90 - 100 %	J	0 % - 10 %				

SAMPLE DESCRIPTIONS

FOREST STAND DESCRIPTIONS

75401 - Stand No.

 \mathbf{C}

SM5RM4 – Sugar Maple 50%, Red Maple40%

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

 $\mathbf{W}\mathbf{W}$

Water

OF - Origin History Old Field

Cemetery

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 T	YPES			
ВО	Bog	AL	Alders		
\mathbf{CL}	Clear Land	FL	Flowerage	FORE	ST GROUND CONDITION
SO	Swamps - Open	\mathbf{AG}	Agricultural Land	SW	Wet – Swampy
EP	Excavation Pit	SD	Sand Dune	ST	Steep
PL	Power Line	UR	Urban	\mathbf{SY}	Sandy

Appendix F. Stand Tally Sheets from on the Ground Assessment

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														Щ										
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																	D)	M		Υ			
							S	AMP	LE	TREE	INFC	RM/	ATIO	N										
TREE#	SPP.		AGE		D.E	3.H.	Н	EIGH	IT			Т	REE #	#	SPF	٠.	AG	E		D.B.	H.	ŀ	IEIGI	HT
1	LA			36		1	18		13			4												
2												5												
3												6												
					- 3			_	AN	DINI		1ATI									_	,		
Stand Bas	al Are	а	SW		M ² ,	/Ha	S	WSL		N	² /Ha		HW			M ² /Ha	1	HWS	L		1	M ² /	На	
Species ar	nd (%)	LAS	5	% <u>PO</u>	1	%	GB2	%	R۱	/11 %			(WS	BF)1		_				_	4	_	_	
Even-aged	Х	Uı	neven	-aged											_			Bion	nas	ss		_		
Slope lev	el 9	6 As	pect											Ш							4			
Stand Orig	gin:	Old F	ield	Χ	P	artia	al Cu	t		Bur	۱			Un	plo	ughed					4			
		Wind	lfall		١	lon F	ores	t							Plo	ughed	Ь,							
		Clear	Cut			Unk	nowr	1																
Stand Mat	turity	Class	:	Reg	ene	ratio	on			Imma	ture	Χ	1	Μatι	ıre			Over	-m	atur	e			
Stand Stoo	king:		Unde	erstocl	ked	Χ		Full	ly S	tocke	<u></u> t		O۷	ers t	ock	ed		Pa	tch	ny				
Density:	S۱	N	400	HW	4	00																		
Advanced	Reger	erati	on:		Und	ersto	ocked	t		Fully	Stock	ed		Ov	erst	ocked			Pat	tchy				
Regenerat	ion:		1. Sp	p.			Нє	eight				2.	Spp.				Heig	ht						
			3. Sp	pp.			Не	eight				4.	Spp.				Heig	ght						
								GF	ROLL	ND O	RSFR\	/ATIC	NS											
Ground Ve	egetat	ion Sr	-	Droce	nt.	r	od o									-1-1								
Ground V	Secur		าคตาคง							NOON	gold	enro	א מוופ	en a				ากสง	shi	runs	а	lde	r	_
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Invasive S Site Indica Water Cou Drainage: Snag Trees	ators urse Poo	k	Y/Isent Y/IBB	N X N og Moder X	Y/ N ate	N Por	El nd G	If ye If ye NVIRO N ood	othes thes	ner he nen wh nen wh MENTA Stream E	rbace nat sp nat sp nat sp n N kcelle	eous.	s: s: ATIOI	NS.			Be	eaver	Pro	eser	nt	N	Y / N	
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Stand Mat	turity	Cla	ss:	R	- eger	nera	tion			Г	Imn	natu	ıre		N	∕latu	ıre	Х		Ove	er-n	natui	e			
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Density:	S	N	600	HV	V	50	0	in	poc	kets																
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Regenerat	ion:		1. S	Брр.				Hei	ght				2	2. S	брр.				Hei	ght						
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TREE #	SPP.		AGE		D.I	В.Н.	-	HE	IGH			_		_	REE	#	SP	P	Α	GE		D.I	3.H.		HE	IGH [*]	Г
1	WS			52			36			17		4		4					+					4			
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3				_			_					-		6							_			_			1
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Stand Bas	al Area		SW		M ²	/Ha		SV	VSL	AIV		$M^2/$		VIIC	HV	V		M ² /H	a	Н	WSL			M ²	/На	1	
Species ar		WS	_	LA2	-	%	PC		%	RN	_	%	1.0	W		, WA	YB	,	T	''	1				,		
Even-aged		-	neven-a	_		70		,,,	70		VIZ /	70		T		, , ,	, 10		t	В	iom	ass					
Slope	%		pect	. 600	$\overline{}$	П									t				t	+			_				
Stand Orig	_		ield X		F	Parti	al (Cut			Bui	rn				U	nplo	oughed	1								
		Vind		•		Non I					- Dui				†		-	oughed	-		1						
		lear			i i	Unk									t			Jugiret	_								
Stand Mat				Res	ene	erati					lmm	atı	ıre			Mat	ure	Х	t	0	ver-	mat	ure	Х			
Stand Stoo			Under				•		Full	v S	tocke		_			vers				T		chy	ui e	Ĥ	_		
Density:	SW		400	HW		100	_			yJ	LOCK	cu	<u> </u>	1	Τ			icu _	Т	1		City		_			
Advanced						lerst	nck	ced	х		Fulls	v St	ocked	1		0,	vers	tocked	1		Р	atcl	าง		Х		
Regenerat			1. Spp			10150		-			-3.0r	_			Snr	o. PC		locket		ight	t 0.5		•		<u>^</u>		
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Ground Ve	egetatio	n Sp	ecies i	res	ent:													ey, ras									-
		Н		+													od,	grass,	bra	cke	n fe	rn, s	ens	Itiv	e te	ern,	-
Ground He		\square	Y/N	Х	.,	_	<u>otn</u>						ody s			<u>.</u>											
Invasive S	•	Pres		-	Υ/	'N	_		•				t sped		_												-
Site Indica	ators		Y/N	_	<u>_</u>				r ye	s tr	nen w	/na	t spec	cies	<u>:</u>										_		_
								EN	VIRO	INC	MENT	ΓAL	OBSE	RVA	TIC	ONS											
Water Cou	urse N		Во	3	N	Ро	nd	N			Strea	m	N	Se	eps	s N				Bea	ver l	Pres	ent	N	Υ,	/ N	
Drainage:	Poor	Х	М	oder	ate			Go	od		<u> </u>	Exc	ellen	t			E	rosior	Со	ntro	ol Re	equi	red	N	Υ,	/ N	
Snag Trees	s: A	dequ	uate X		Ir	nade	qu	ate						-	L				L				Ш				
Coarse W	oody M	ater	ial:	Ad	equ	ate	Χ		In	ad	equa	te											Ш				
Dens		Nes	sts (Ra	otors	s, sc	ongb	ird	s, e	tc.)																		
Wildlife C	bserve	d	Heard	Squ	irre	ls																					
Comments	5																										
									S	TAI	ND PI	RES	CRIP	IOI	V												
No Treatm	nent						Reg	ene	erati	on	Cut				C	rop 1	ree	Relea	se				Blo	ck	Cut	Х	
Shelterwo	od Cut						Sel	ecti	on (Cut					Pa	atch	Cut			Т			Stri				Ī
Commerci	al Thin	ning					Aff	ores	stati	on					Si	te Pr	ера	ration	1	Х	(
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Stand Bas		SW	_	_		/Ha		SWSL	_		_	/Ha			HW			M ² /F	la	H۱	VSL	_	-	M	/Ha	
Species a		WS3	_	LA2		%	PO2	%	RN	V12	%		٧	VB1	, W	A, Y	В, В	F	+	-			Ш		_	
Even-aged		Unev		ged				-											+	В	om	ass			_	
Slope	%	Aspec	t					-											+							
Stand Ori	gin: O	ld Field	X		F	Parti	al Cu	ıt		В	urn					Ur	nplo	oughe	d_		_					
	W	/indfal	<u>ا</u>		1	Non	Fores	t									Plo	ughe	d				Ш			
	CI	ear Cu	t			Unk	now	n											1				Щ			
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Stand Sto	cking:	Un	ders	tock	ced	L,		Fu	lly S	toc	ked	Х			٥v	ers	tocl	ked	_		Pat	chy	_			
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Species ar	nd (%)	c	pen	%			%		9	%		%		W	/SLA	RMO	GB									
Even-aged	Х		Uneve	n-ag	ged															Bi	oma	ass				
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Stand Orig	gin:	Old	d Field	Х		F	arti	al C	ut		В	urn				Ur	plo	ughed	j							
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Water Cou	_		_	Bog		N			N	_	Stre	am	N	Se	eps	N						rese	_	_	-	
Drainage:				Мо	der			_	God	od		Exc	ellent				Er	osion	Cor	itrol	Re	quir	ed	N	Υ/	N
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CRUISER S. Rankin STAND # 35754, uncut part 351077 PLANTATION # PROPERTY # 428748 AREA 1.9 ha Date 20 / 9 / 2022 D M Y SAMPLE TREE INFORMATION TREE # SPP. AGE D.B.H. HEIGHT TREE # SPP. AGE D.B.H. HEIGHT 1 PO 37 17 4 4	
PROPERTY # 428748 AREA 1.9 ha Date 20 / 9 / 2022 9 / 2022 SAMPLE TREE INFORMATION TREE # SPP. AGE D.B.H. HEIGHT 1 PO 37 17 4 Image: Color of the color of	
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SAMPLE TREE INFORMATION TREE # SPP. AGE D.B.H. HEIGHT TREE # SPP. AGE D.B.H. HEIGHT 1 PO 37 17 4 </td <td></td>	
TREE # SPP. AGE D.B.H. HEIGHT TREE # SPP. AGE D.B.H. HEIGHT 1 PO 37 17 4 <td></td>	
1 PO 37 17 4 2 RM 13 11 5	
2 RM 13 11 5	
3 6	
STAND INFORMATION	
Stand Basal Area SW M²/Ha SWSL M²/Ha HW M²/Ha HWSL M²/Ha	
Species and (%) PO3 % GB3 % RM3 % WBWA1	
Even-aged X Uneven-aged Biomass	
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 X Over-mature	
Stand Stocking: Understocked Fully Stocked Overstocked X Patchy	
Density: SW 10 HW 3,200	
Advanced Regeneration: Understocked X Fully Stocked Overstocked Patchy	
Regeneration: 1. Spp. BF Height 0.3-4.0m 2. Spp. Height	
3. Spp. RM Height 0.2-1.0m 4. Spp. Height	
GROUND OBSERVATIONS	
Ground Vegetation Species Present: dewberry, sarsaparilla, goldenrod, fern, currant, wild strawberry, sensitive	
fern, other ferns, bunch berry, star flower, woody shrubs	
Ground Hemlock X 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 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 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	
PIn. Maint. Y/N Stems/Ha	
Comments: This is a HW stand. With limited market for PO and GB no work is recommended at this time. There	
is RM and WA throughout the stand as well. Reassess for markets and potential harvest in 6-10 yrs.	

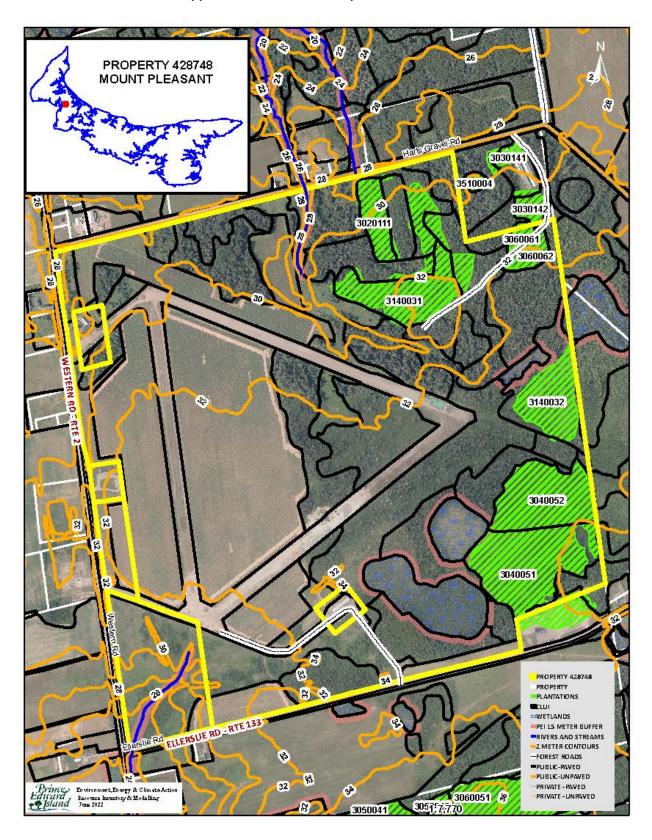
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Appendix G. Plantation Map with Contour Lines



Appendix H. Work Completed

Activity Number	Treatment Code	Amount Completed	Treatment Date	Treatment Description
0	1	0.7	11/30/1992	Class 1 Road Construction
0	110	0.2	3/18/1992	Commercial Softwood< 5000 /Ha
0	111	3	1/15/1993	Commercial Softwood > 5000 /Ha
0	16	0.2	9/14/2005	Misc. Road Maintenance
0	2	100	11/30/1992	Fill
3955141	29	0.72	1/6/1995	Raking Crawler Tractor-Root Rake:per Ha
3020111	29	1.58	1/10/2002	Raking Crawler Tractor-Root Rake:per Ha
0	29	11.1	4/14/2004	Raking Crawler Tractor-Root Rake:per Ha
3140031	30B	7524	6/14/2014	Manual Site Preparation per Site (Hawk)
3140032	30B	4095	6/14/2014	Manual Site Preparation per Site (Hawk)
3030141	37	0.52	1/27/2003	Brush Raking: Rubber Tired Skidder/Ha
3030142	37	0.69	1/27/2003	Brush Raking: Rubber Tired Skidder/Ha
306006	37	1.06	7/19/2006	Brush Raking: Rubber Tired Skidder/Ha
0	3G	2	11/30/1992	Culvert 45cm class 1&2 road
	400A	10	6/29/2012	Chainsaw Training
3120589	400A	1	7/13/2012	Chainsaw Training
	400A	5	9/28/2012	Chainsaw Training
3040051	51W	18648	7/12/2004	BLACK SPRUCE - WESTERN
3020111	53W	4160	6/3/2002	RED PINE - WESTERN
3060061	53W	1170	7/24/2006	RED PINE - WESTERN
3140032	55WI	4095	6/14/2014	INTERPLANT WHITE SPRUCE - WESTERN
3140031	56WI	7524	6/14/2014	INTERPLANT WHITE PINE - WESTERN
3060062	59W	1888	7/24/2006	EASTERN LARCH - WESTERN
3955141	67W	1685	5/26/1995	NORWAY SPRUCE - WESTERN
3030142	67W	2047	7/9/2003	NORWAY SPRUCE - WESTERN
3030141	67W	1480	7/9/2003	NORWAY SPRUCE - WESTERN
3040052	67W	12663	7/12/2004	NORWAY SPRUCE - WESTERN
3955141	82B	0.72	10/7/1996	Herbicide:Broadcast : 1st Treatment
3020111	82B	1.58	10/10/2003	Herbicide:Broadcast : 1st Treatment
3955141	88B	0.68	12/6/2002	Class 2 : Manual : 5001-10000/Ha <6 Metres
3140032	88D	2.7	10/21/2019	Class 4 : Manual : 15001-20000/Ha <6 Metres
3040051	88E	3.48	6/19/2013	Class 5 : Manual : 20001- 25000/Ha <6 Metres
0	91	0.71	12/21/1992	Strip Cut
3955161	92	0.72	3/31/1995	Clearcut Block
3020111	92	1.58	1/7/2002	Clearcut Block
3030141	92	0.52	12/6/2002	Clearcut Block
3030142	92	0.69	12/6/2002	Clearcut Block
3130502	93	2.55	8/11/2013	Patch Cut
3130503	93	1.35	8/11/2013	Patch Cut
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