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20		
21		

## 1 TERMS AND ACRONYMS

2			
3	CFSA	-	Crown Forest Sustainability Act
4	Class EA	-	Environmental Assessment Board's Reason for Decision and
5			Decision: Class Environmental Assessment by the Ministry of
6			Natural Resources for Timber Management on Crown Lands in
7			Ontario (EA-87-02)
8	CLUPA	-	Crown Land Use Policy Atlas
9	COFEC	-	Central Ontario Forest Ecosystem Classification
10	DM	-	District Manager
11	EA	-	Environmental Assessment
12	EBR	-	Environmental Bill of Rights
13	ESA	-	Endangered Species Act
14	ES	-	Ecosite
15	FIPPA	-	Freedom of Information & Protection of Privacy Act
16	FMP	-	Forest Management Plan
17	FMPM	-	Forest Management Planning Manual
18	FMU	-	Forest Management Unit (also MU)
19	FOSM	-	Forest Operations and Silviculture Manual
20	FRI	-	Forest Resources Inventory
21	FRL	-	Forest Resources Licence
22	FRTF	-	Forest Renewal Trust Fund
23	FTG	-	Free-to-Grow
24	FU	-	Forest Unit
25	G&Y	-	Growth and Yield
26	LCC	-	Local Citizens Committee
27	LTMD	-	Long Term Management Direction
28	MNR	-	Ministry of Natural Resources and Forestry (Ontario, also OMNRF)
29	OBM	-	Ontario Base Map
30	PF	-	Protection Forest
31	RPF	-	Registered Professional Forester
32	TAA	-	Teme Augama Anishnabai
33	TFN	-	Temagami First Nation
34	AU	-	Analysis Unit
35	IMM	-	Immature Landscape Class Indicator
36	INTOL	-	Intolerant Hardwood Landscape Class Indicator
37	LC	-	Landscape Class
38	OLT	-	Ontario Landscape Tool
39	MIXED	-	Mixedwood Landscape Class Indicator
40	PLANFU	-	Plan Forest Unit
41	PSST	-	Presapling Sapling & T-Stage Landscape Class Indicator
42	SRNV	-	Simulated Range of Natural Variation
43	PWMIX	-	White Pine Mixedwood Landscape Class Indicator
44	SFC	-	Spruce Fir Cedar Landscape Class Indicator
45	TOL	-	Tolerant Hardwood Landscape Class Indicator
46			

## 1 1.0 INTRODUCTION

2  
3

4 This supplementary documentation provides additional information related forest  
5 management the on the Land Set Aside for the Temagami First Nation/Teme-Augama  
6 Anishnabai (TFN/TAA) Land Claim and is considered the “plan within the plan”. TFN and  
7 TAA posted a band council resolution allowing the Ministry to include the LSA area in the  
8 2019-2029 FMP and identify these lands available for economic benefits. The LSA has  
9 been included in the 2019-2029 Forest Management Plan (FMP). The community  
10 identified their desired forest and benefits, from the LSA and a planning exercise was  
11 undertaken parallel to and consistent with the production schedule and public consultation  
12 requirements of the Temagami management unit at large.

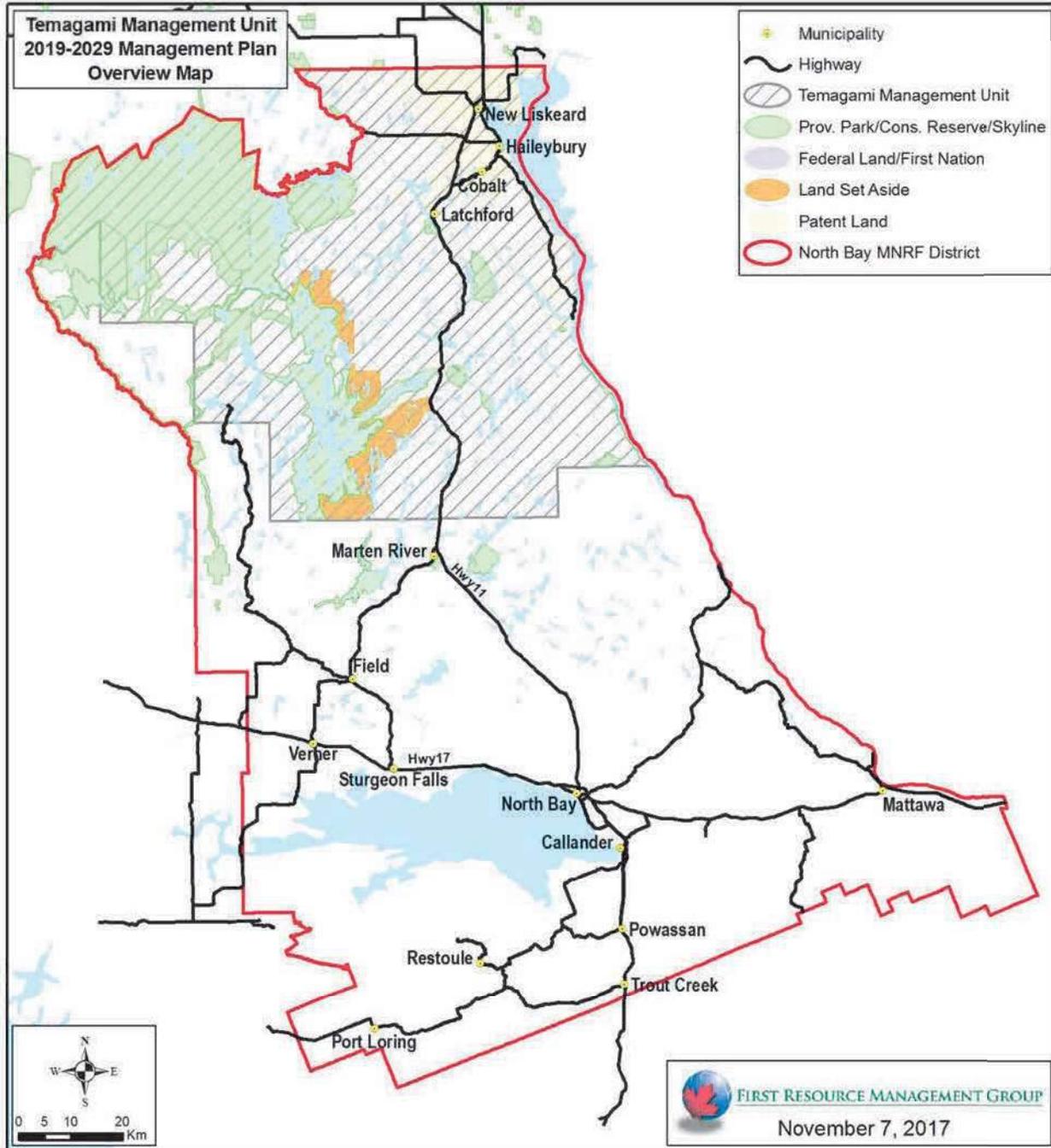
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## 14 2.0 LSA DESCRIPTION

15

16 The LSA is centered around Bear island and covers approximately 5% (34,224 ha) of the  
17 Temagami Management Unit surface area. The northern extent of the LSA lies just  
18 beyond sandy inlet of lake Temagami near the red squirrel road and extends north-south  
19 predominately along the eastern shore of lake Temagami until it reaches the boundary of  
20 the Temagami Management Unit and the Nipissing forest. A small portion of the LSA  
21 extends onto the Nipissing forest, however that portion is not considered as part of this  
22 FMP.

23



1  
2 Figure 1 Location of the LSA within the TMU and the North Bay Administrative District  
3

1 There is a total of 31,053 ha productive forest on the LSA. Rock, water, brush, Island,  
 2 open muskeg, treed musket, and unclassified land interspersed within the productive  
 3 forest create a complex web of rock, water and forest. The Land type within the LSA is  
 4 summarized in Table 1.

5  
 6

7 Table 1 Summary of Crown Land

LSA Land Summary Land Type	Land Ownership (Hectares)			Total
	Crown		Patent	
	Managed	Other	Crown Timber	
Non-forested				-
Grass & Meadow				-
Unclassified	17			17
Water	1,835			1,835
Other Land				-
<b>Subtotal Non-Forested</b>	1,852			1,852
Forested				-
Non-Productive Forest				-
Treed Muskeg	187			187
Open Muskeg	955			955
Brush & Alder	91			91
Rock	35			35
Islands	50			50
<b>Subtotal Non-Productive</b>	1,319			1,319
Productive Forest				-
Protection Forest	98			98
<b>Subtotal Protection</b>	98			98
Production Forest				-
Recent Disturbance				-
Below Regeneration Standards				-
Forest Stands	30,954	1	0	30,955
<b>Subtotal Production</b>	30,954	1	0	30,955
<b>Subtotal Productive</b>	31,052			31,052
<b>Subtotal Forested</b>	32,469			32,469
<b>Total Crown</b>	34,223	1	0	34,224

8

## 1 **2.1 Forest Description and Classification**

2  
3 The LSA is situated at the boundary between the Boreal Forest Region and the Great  
4 Lakes-St. Lawrence (GLSL) Forest Region and therefore is a transitional forest that  
5 supports a variety of vegetation types associated with both Forest Regions. The LSA lies  
6 primarily within Hills' Site Region 4E and its forest is characterized by the effects of climate  
7 on soils and vegetation of this Site Region.

8  
9 Historically, the predominant tree species found on the LSA were black spruce, white  
10 birch, jack pine, poplar, balsam fir, white pine, red pine and cedar, with lesser amounts  
11 of white spruce, eastern larch, sugar maple and yellow birch. On appropriate sites,  
12 some species grow in relatively pure stands, but most associate with others in a variety  
13 of compositions.

14 The past two centuries of activities on the landbase have led to changes in forest  
15 dynamics and the resulting forest composition. Fewer conifer, particularly pine from the  
16 landbase is now seen, and more mixedwood and hardwood dominated forest types are  
17 returning to these sites.

18 In the mid-20th century Ontario developed an effective forest fire control program based  
19 on the prevention, early detection and suppression of wildfire. The resulting longer fire  
20 cycles and significantly reduced numbers of mid-sized fires has translated into more  
21 forest area occupied by older stands and a change in the composition and distribution of  
22 forest types across the landscape when compared to a natural range in variation.  
23 Disease and insect outbreaks have also shaped the composition of the forest. For  
24 example, spruce budworm infestations have significantly reduced the amount of area  
25 dominated by balsam fir on the LSA.

26 The LSA contains a considerable portion of the skyline reserve. The skyline reserve is  
27 unavailable for forestry. The skyline reserve portion on the LSA is comprised almost half  
28 white and red pine forest followed by mixedwood forest and spruce fir forest.

29 Only 21,625 hectares of productive forest is available for forestry, much of which is  
30 inaccessible via road access in the southern portion of the LSA due to challenging  
31 topography and existing crown land use policy limiting new access. Table 2 provides a  
32 summary of available crown productive forest by forest unit.

1 Table 2 Summary of Available Crown productive forest by forest unit

Forest Unit	Crown Productive Forest (hectares)		
	Available	Unavailable	Total
BW	1,393	537	1,930
HDUS1	1,233	326	1,560
MCL	1,089	121	1,210
MWCC	5,031	1,895	6,926
MWUS	2,533	895	3,428
PJ1	332	9	341
PJ2	624	118	742
PO	382	101	483
PR	81	24	105
PWST	923	831	1,754
PWUS	2,056	1,768	3,824
PWUSC	2,112	1,154	3,266
SB	47	6	53
SF	2,687	1,139	3,826
SP1	1,102	406	1,508
Subtotal Managed	21,625	9,330	30,955
PWUS		1	1
Subtotal Unmanaged			
Total	21,625	9,330	30,955

2  
3

## 2.2 Forest Units

A forest unit is defined as a classification system that aggregates forest stands for management purposes that will normally have similar species composition, will develop in a similar manner (both naturally and in response to silvicultural treatments), and will be managed under the same silvicultural system (MNR 2009)

Forest units are also the unit of measure when setting management targets and reporting levels of achievement for harvesting and renewal. The forest units for the LSA are summarized in Table FMP-2: Description of Forest Units.

For a thorough description of the forest classification methods used to develop the forest stands see FMP section 2.1.3. Identical forest unit classification was used to describe the forest within the TMU. A summary of the available forest by forest unit and age is provided below.

Figure 1 below shows that very little young forest is present within the LSA, and very little immature forest. This is caused by the lack of any disturbance on the landscape for a considerable period. Much of the forest area is captured in the older age classes.

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24  
25  
26

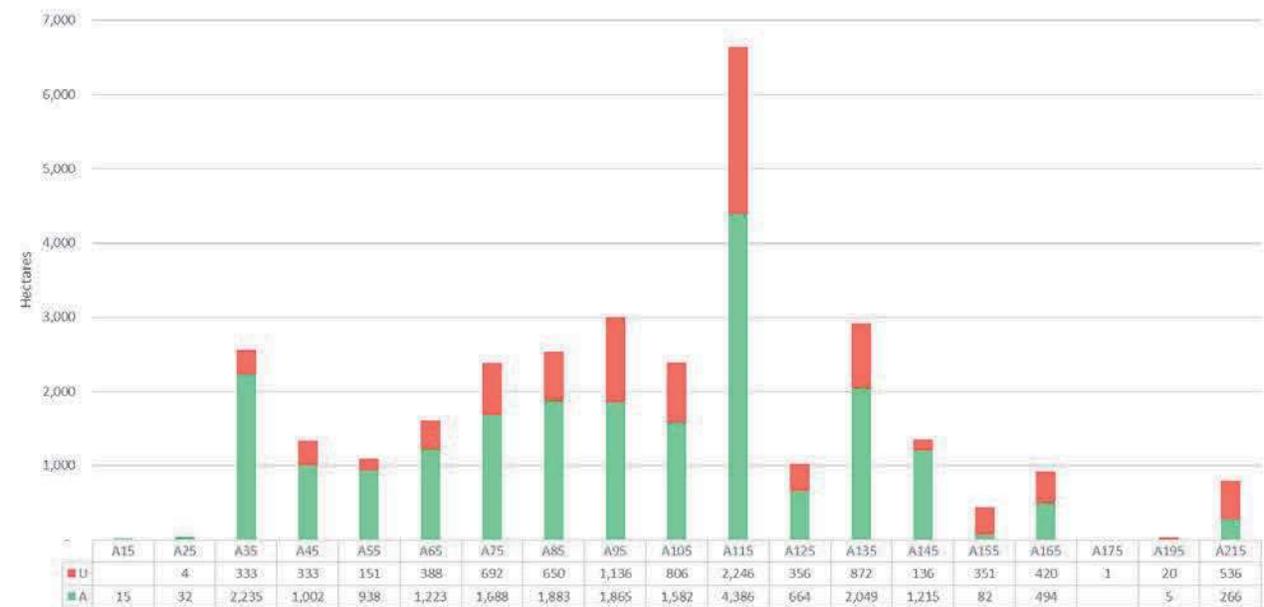
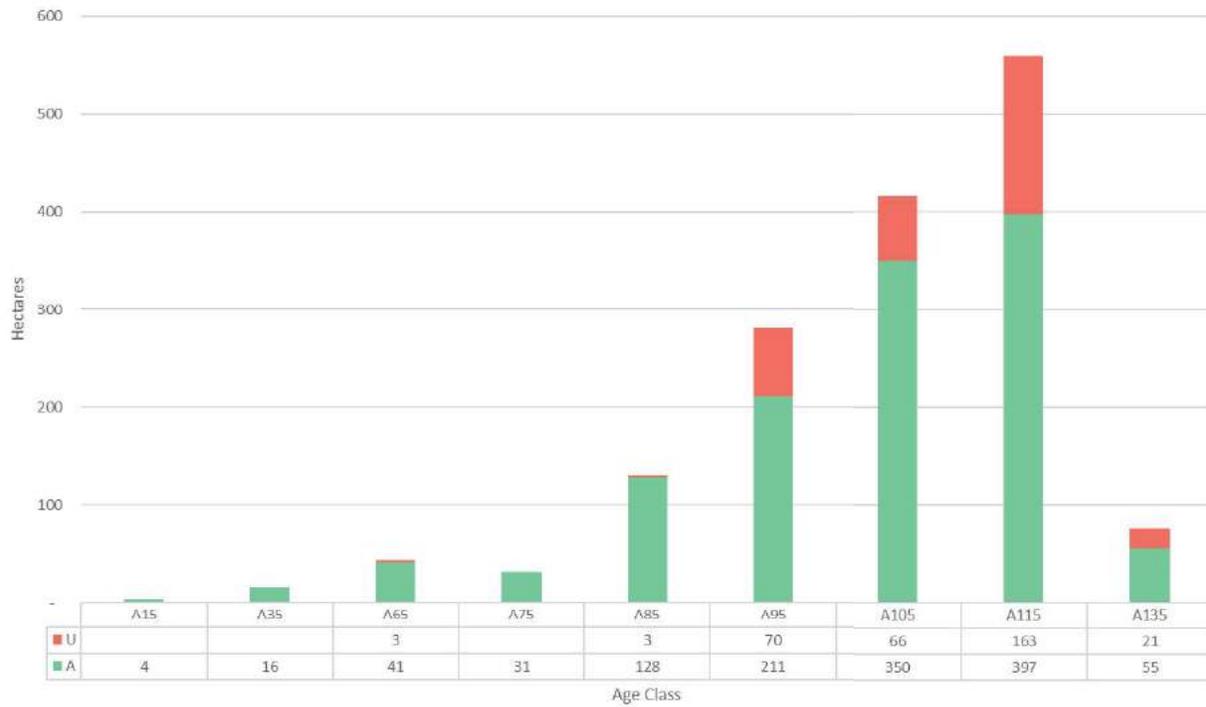


Figure 2 Age class distribution of all the LSA productive forest

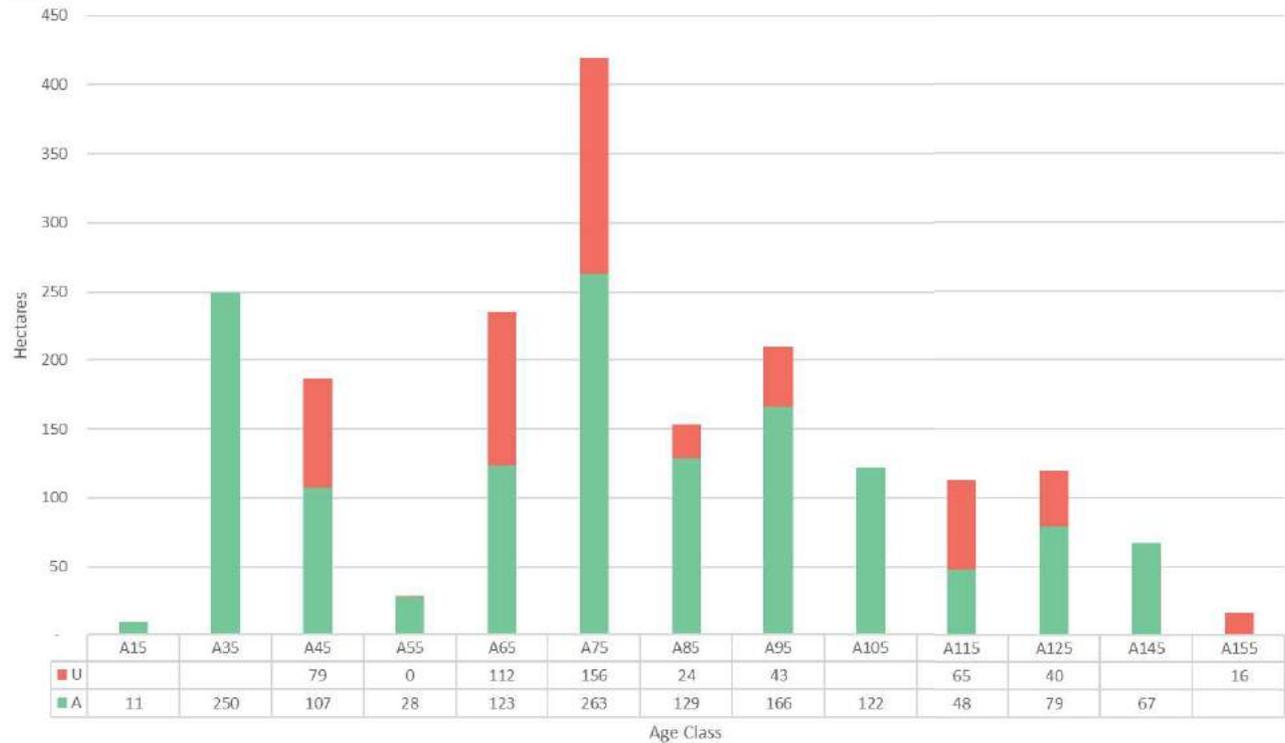
1 Figure 2 below shows that the majority of the HDUS1 forest unit is in the older age  
 2 classes.



3  
 4 Figure 3 Age class distribution of the Available(A) and Unavailable(U) HDUS1 forest unit

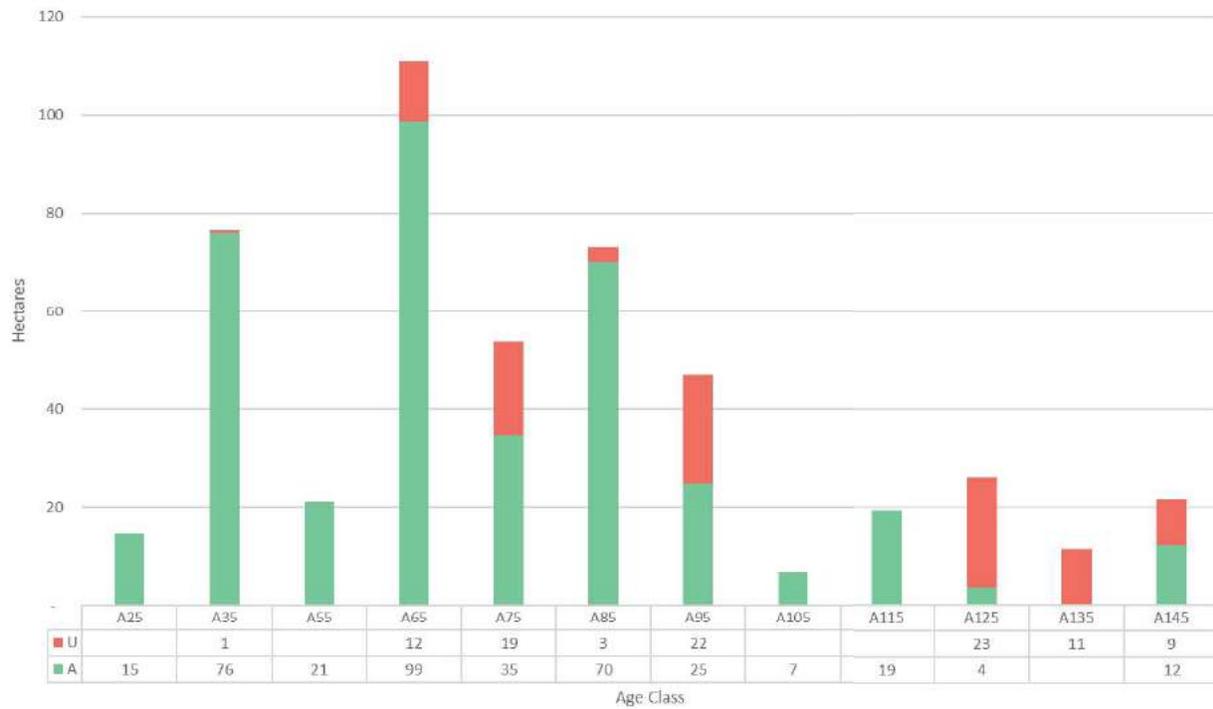
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 6

- 1 Figure 3 below shows that some younger and immature forest is present in the BW forest
- 2 unit however there is a considerable amount of fluctuations between age classes. This
- 3 is caused by the relatively small amount of BW on the LSA



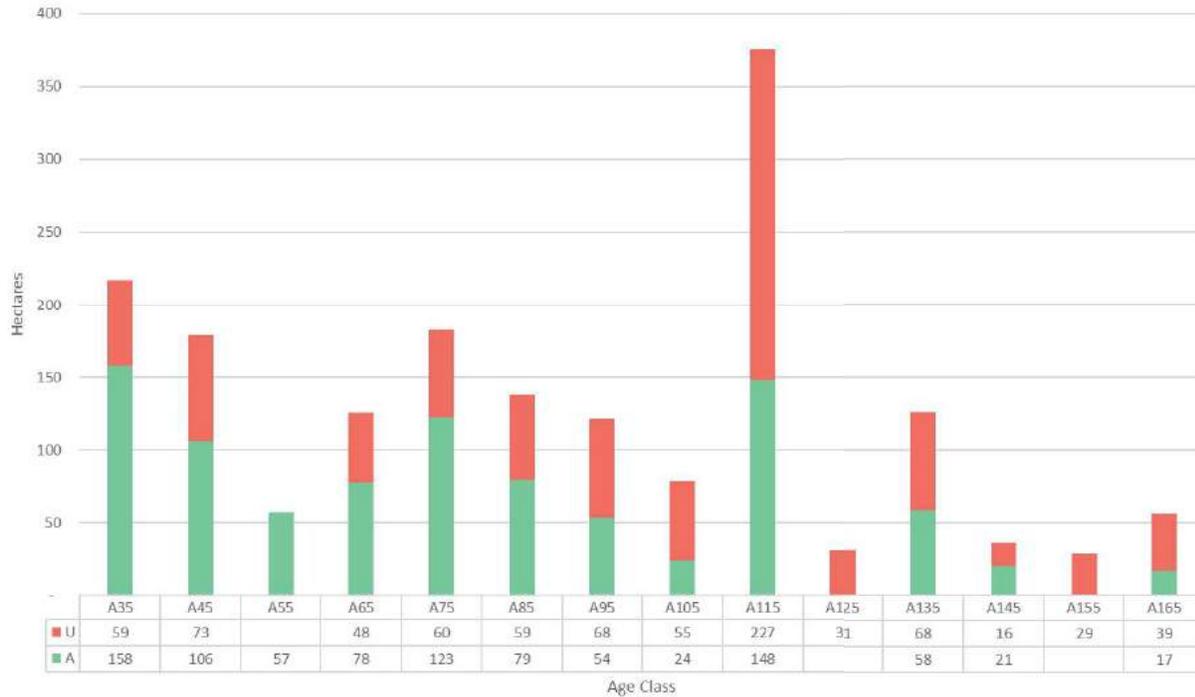
- 4
- 5 Figure 4 Age class distribution of the Available(A) and Unavailable(U) BW forest unit
- 6

- 1 Figure 4 shows considerable fluctuation in age classes for the PO forest unit. There
- 2 exists some mature poplar on the LSA, however the extremely small amount of this
- 3 forest unit on the landbase exaggerate the differences in age class.



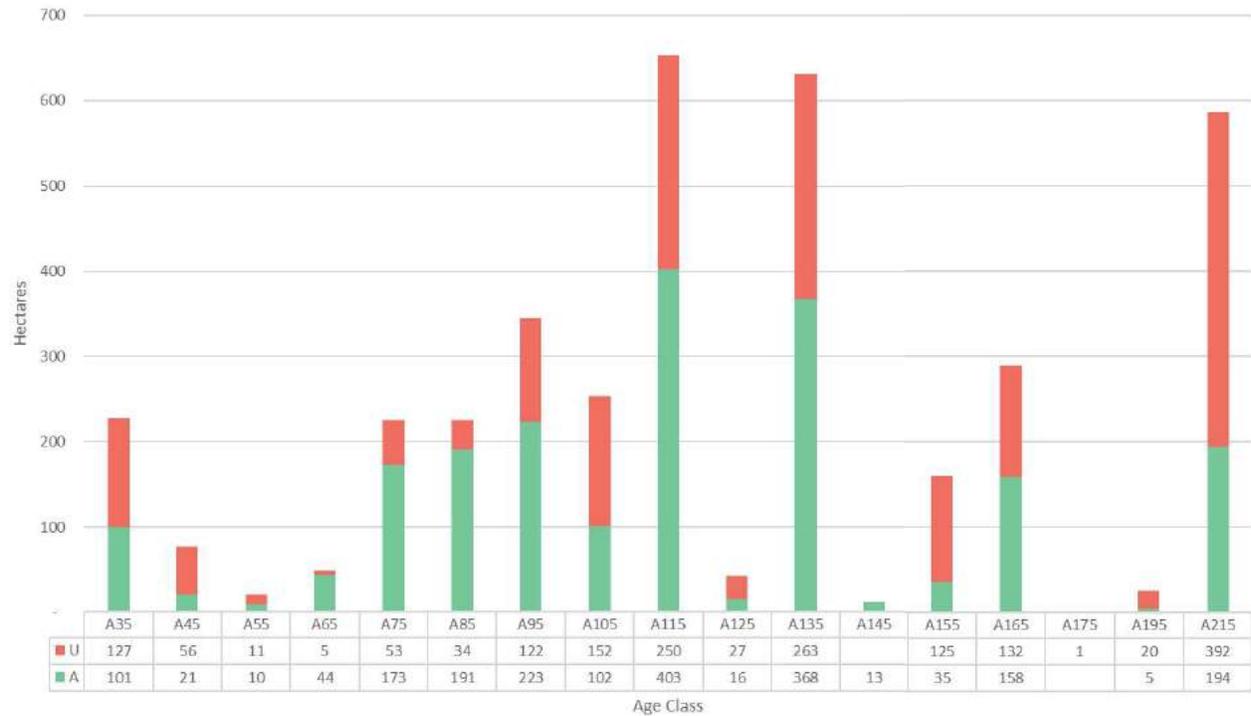
- 4
- 5 Figure 5 Age class distribution of the Available(A) and Unavailable(U) PO forest unit
- 6
- 7

1 Figure 5 shows that a considerable proportion of the PWST forest unit is within the  
 2 unavailable portion of the LSA. This forest unit is more prevalent on the shores of lake  
 3 Temagami which is surrounded by the skyline reserve and thus unavailable. This  
 4 dynamic will cause challenges in contributing to landscape level objectives to reduce  
 5 the occurrence of PWST forest unit in favor of more white pine dominated forest units  
 6 such as the PWUS.



7  
 8 Figure 6 Age class distribution of the Available(A) and Unavailable(U) PWST forest unit  
 9  
 10  
 11

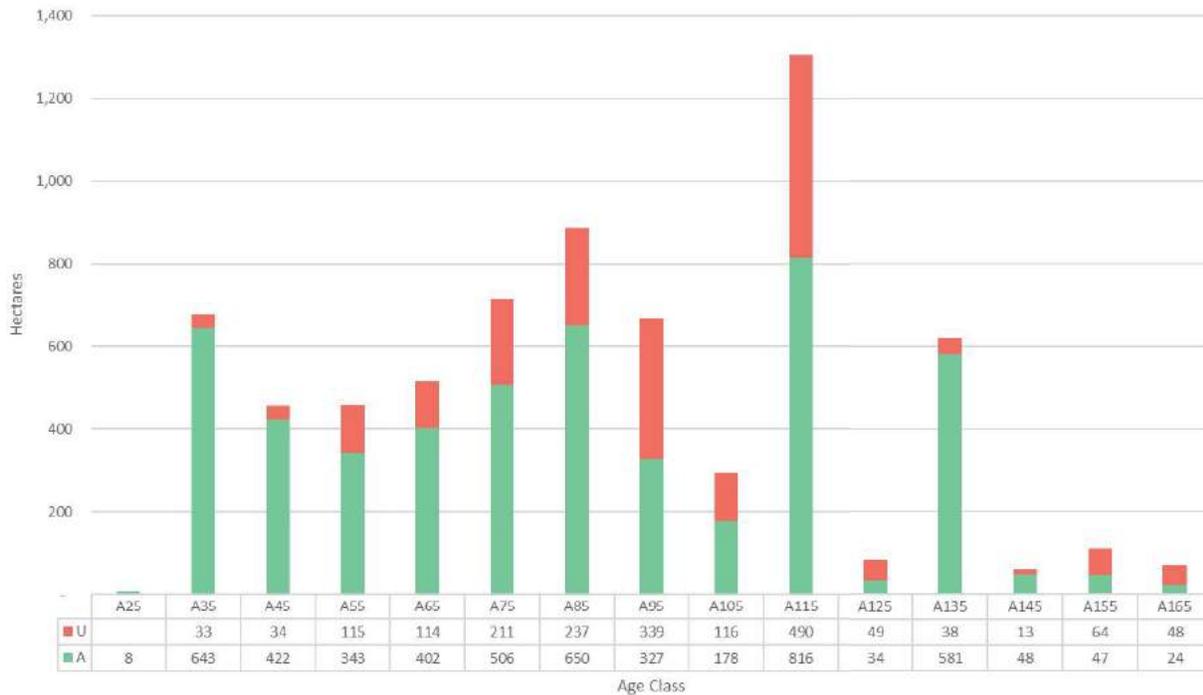
1 Figure 6 shows that a considerable amount of the PWUS forest unit is found within the  
 2 unavailable forest. Similarly, to the PWST, the PWUS forest units are more prevalent in  
 3 the skyline reserve. This will cause challenges in contributing to landscape level targets  
 4 since the management of white pine uniform shelterwood requires opening of the  
 5 overstory for light and seeding which will not be able to occur for much of this forest unit  
 6 in the LSA. The absence of the ability to open the canopy for sunlight and allow seeding  
 7 for regeneration will cause future challenges associated with maintaining this forest unit  
 8 on the LSA.



9  
 10 Figure 7 Age class distribution of the Available(A) and Unavailable(U) PWUS forest unit

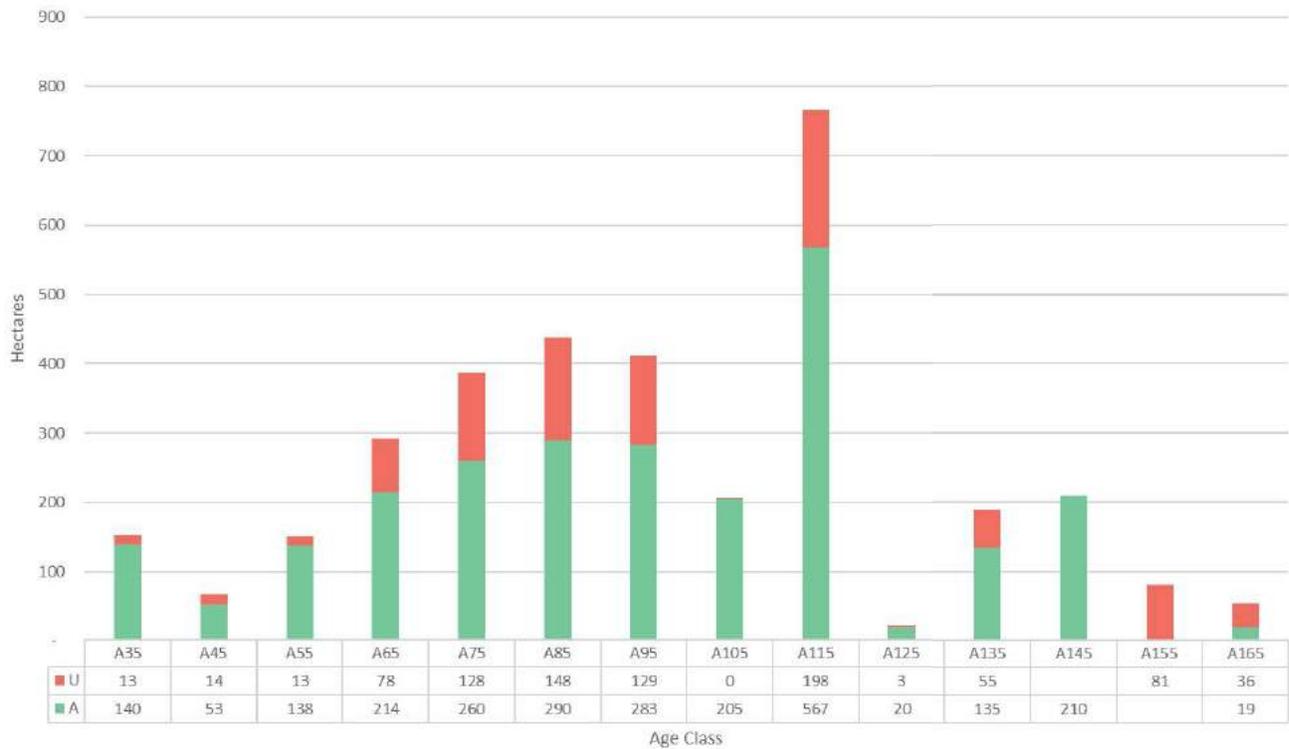
11  
 12  
 13

1 Figure 7 shows that some MWCC forest unit is present in the mature age classes on the  
 2 LSA and much of it is within the available portion of the forest. The MWCC is also one of  
 3 the largest forest unit in the LSA.



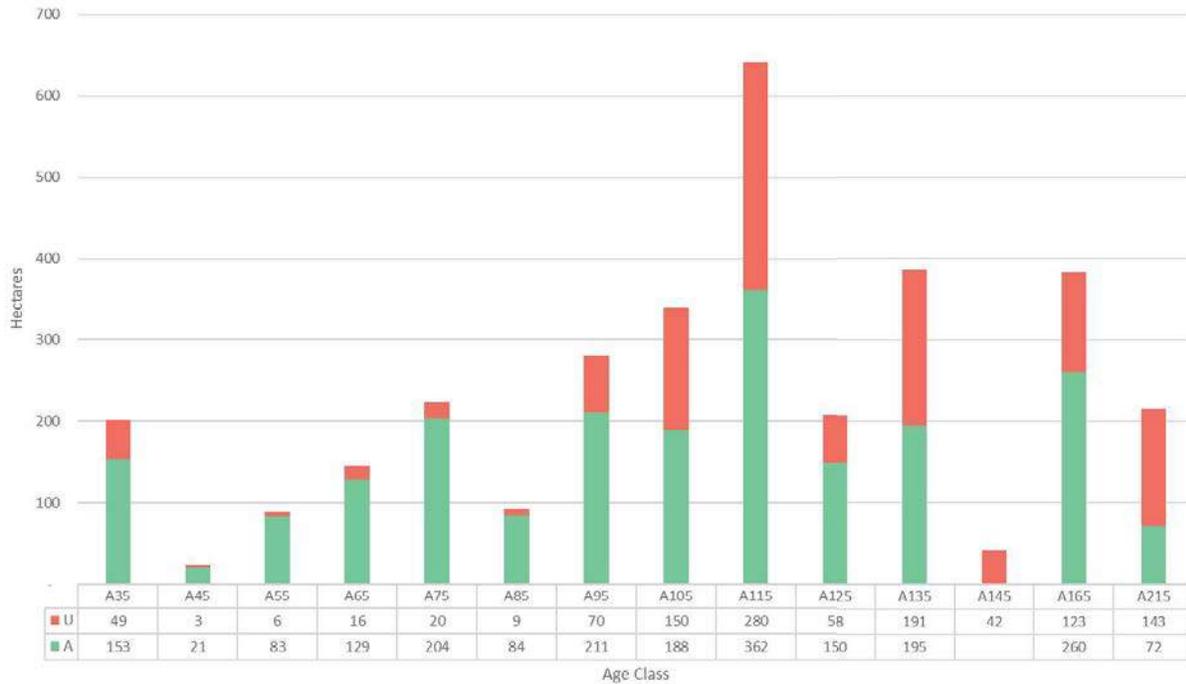
4  
 5 Figure 8 Age class distribution of the Available(A) and Unavailable(U) MWCC forest unit  
 6  
 7

- 1 Figure 8 shows that much of the MWUS is in the mature and old development stages
- 2 with a considerable amount of area in the A115 age class.



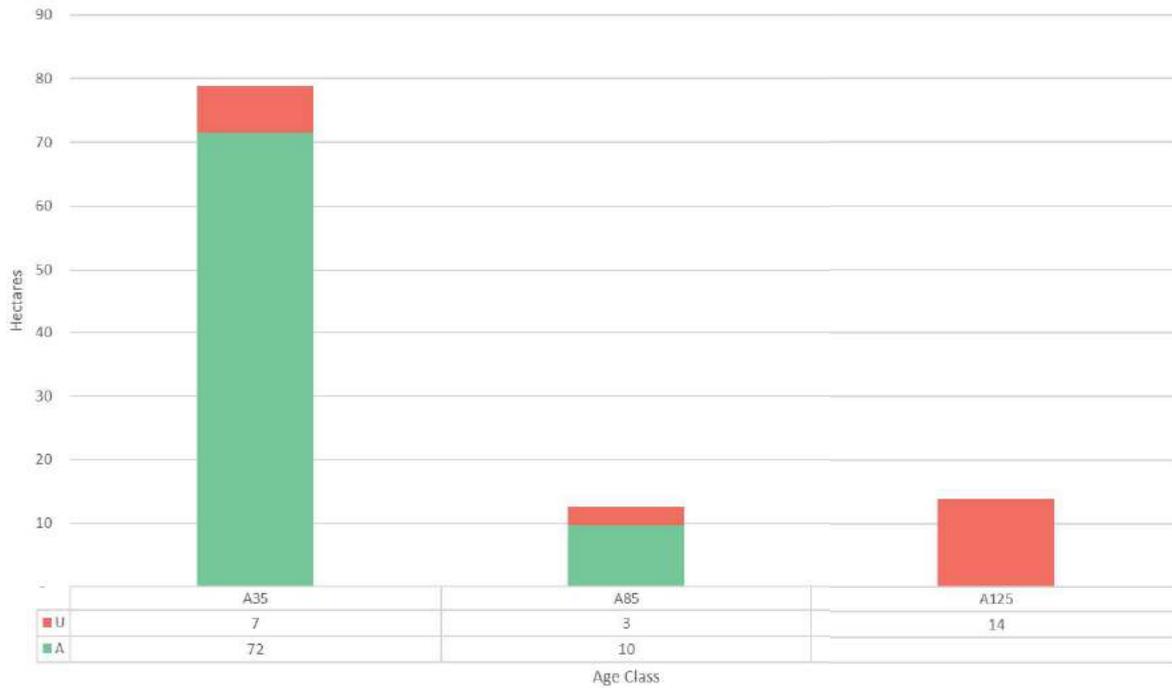
- 3
- 4 Figure 9 Age class distribution of the Available(A) and Unavailable(U) MWUS forest unit
- 5
- 6

1 Figure 9 shows that a considerable amount of the PWUSC forest unit is in the older age  
 2 class and is not available. Similar to all other white pine dominated forest unit. The  
 3 absence of the ability to open the canopy for sunlight and allow seeding for regeneration  
 4 will cause future challenges associated with maintaining this forest unit on the LSA.



5  
 6 Figure 10 Age class distribution of the Available(A) and Unavailable(U) PWUSC forest  
 7 unit  
 8

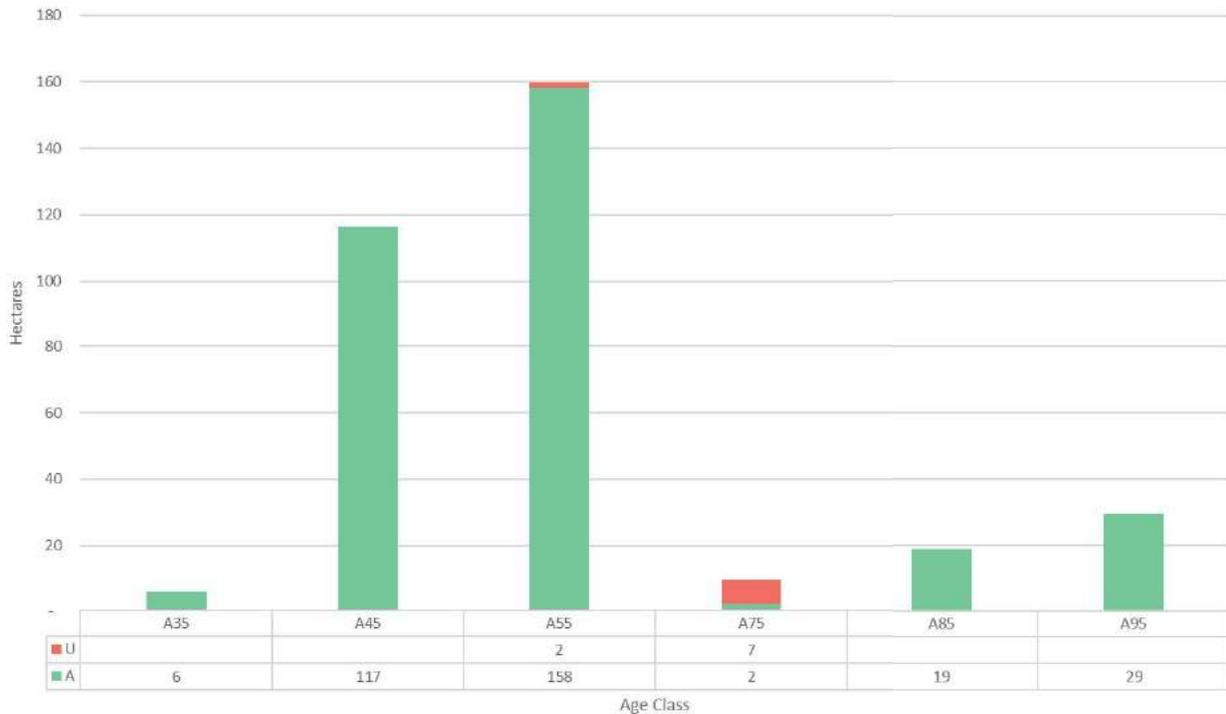
1 Figure 10 below shows that very little PR forest unit is present on the LSA and its age  
 2 class distribution ranges from immature, mature and over mature.



3  
 4 Figure 11 Age class distribution of the Available(A) and Unavailable(U) PR forest unit

5  
 6

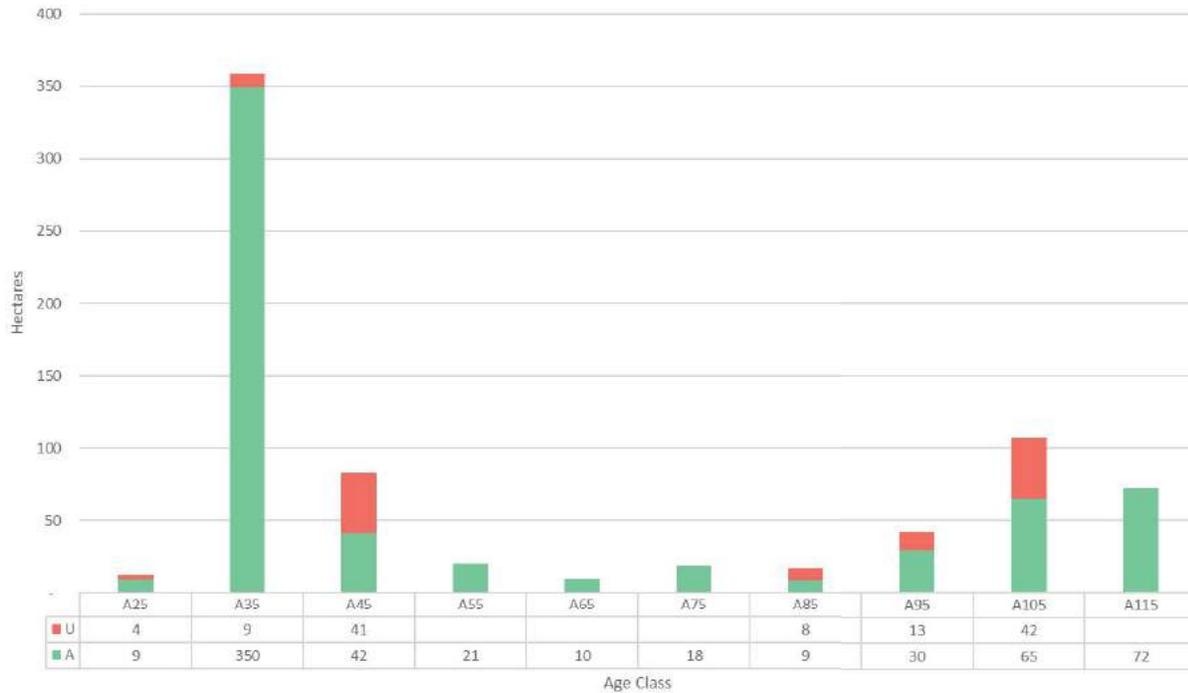
1 Figure 11 shows that most of the PJ1 forest unit is within the available portion of the  
 2 LSA and in the immature development stage nearing maturity. This is caused by jack  
 3 pine plantations establishes on the red squirrel road. In subsequent FMP's the Jack  
 4 pine will become eligible for harvest.



5  
 6 Figure 12 Age class distribution of the Available(A) and Unavailable(U) PJ1 forest unit

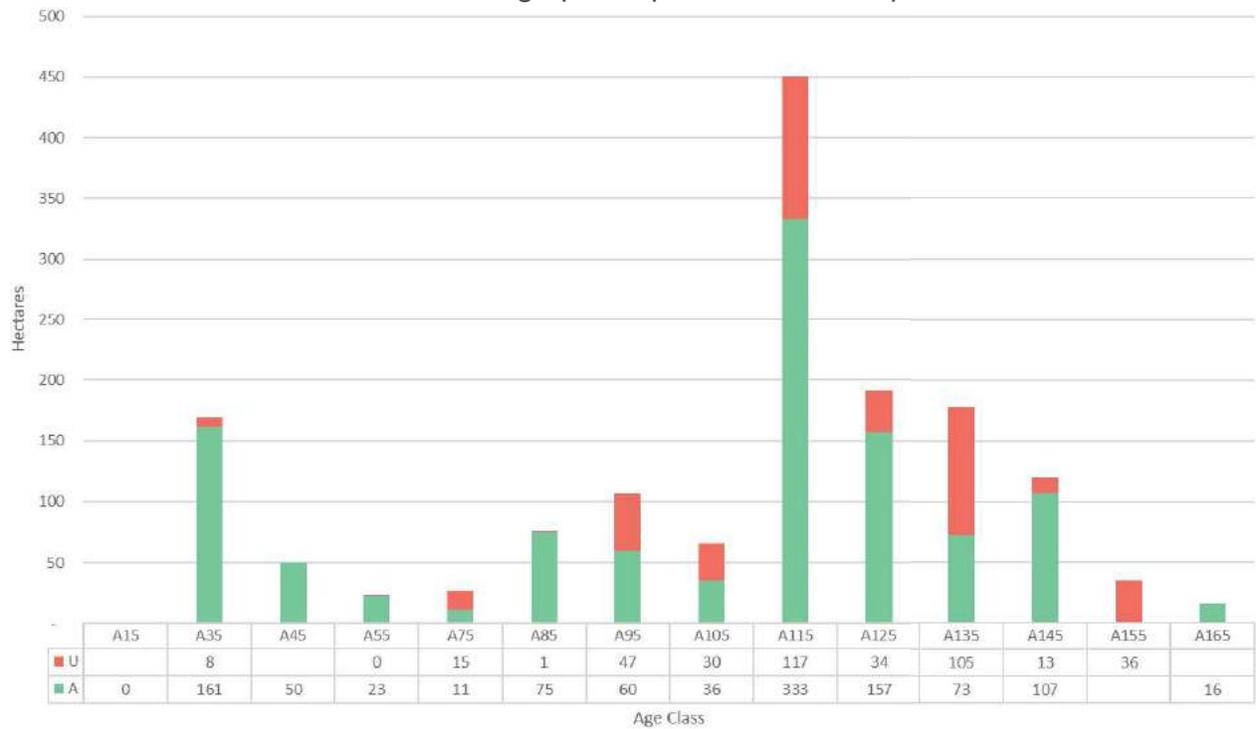
7  
 8  
 9

1 Figure 12 shows that very little PJ2 area exist other than in the A35 age class. This is  
 2 attributable to plantations established. Which will become eligible fore harvest in  
 3 subsequent FMP.  
 4



5  
 6 Figure 13 Age class distribution of the Available(A) and Unavailable(U) PJ2 forest unit  
 7  
 8

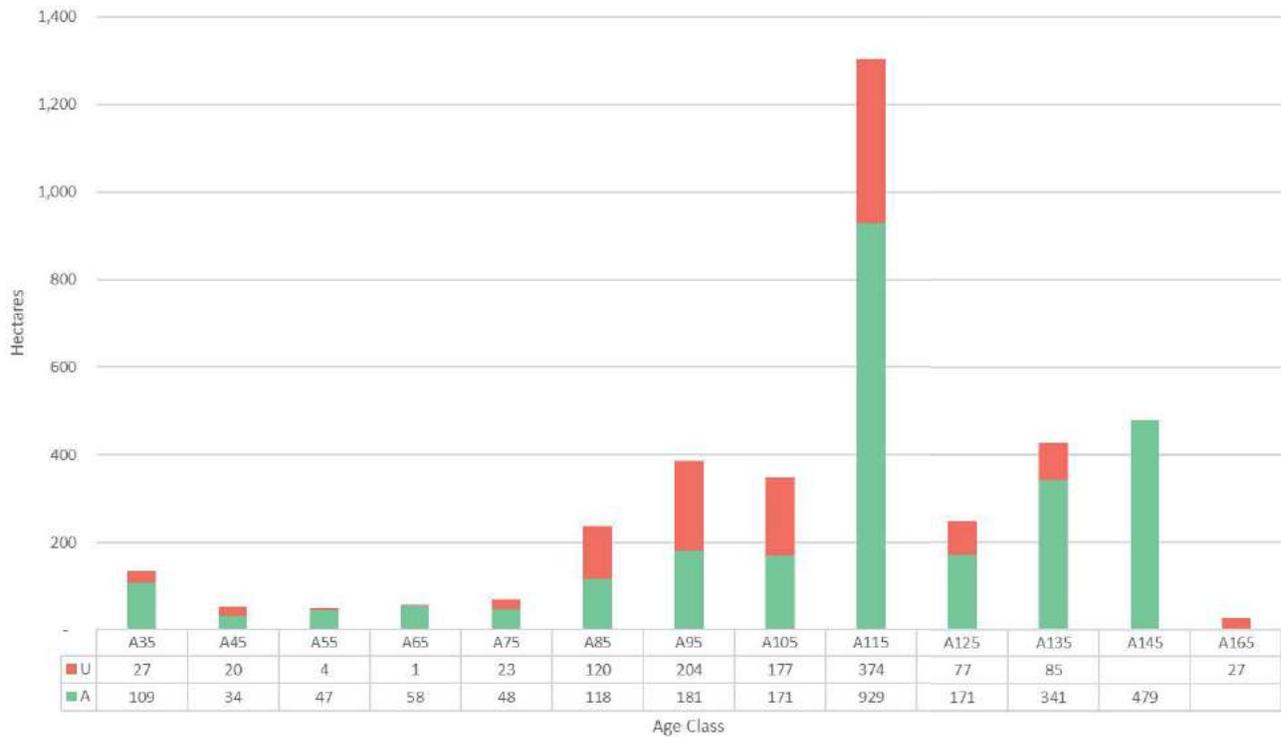
1 Figure 13 below shows the distribution of SP1 age class on the forest. a considerable  
 2 amount of the SP forest is old and very little of the available forest is in the mature age  
 3 class with no immature forest coming up to replace it in subsequent terms.



4  
 5 Figure 14 Age class distribution of the Available(A) and Unavailable(U) SP forest unit

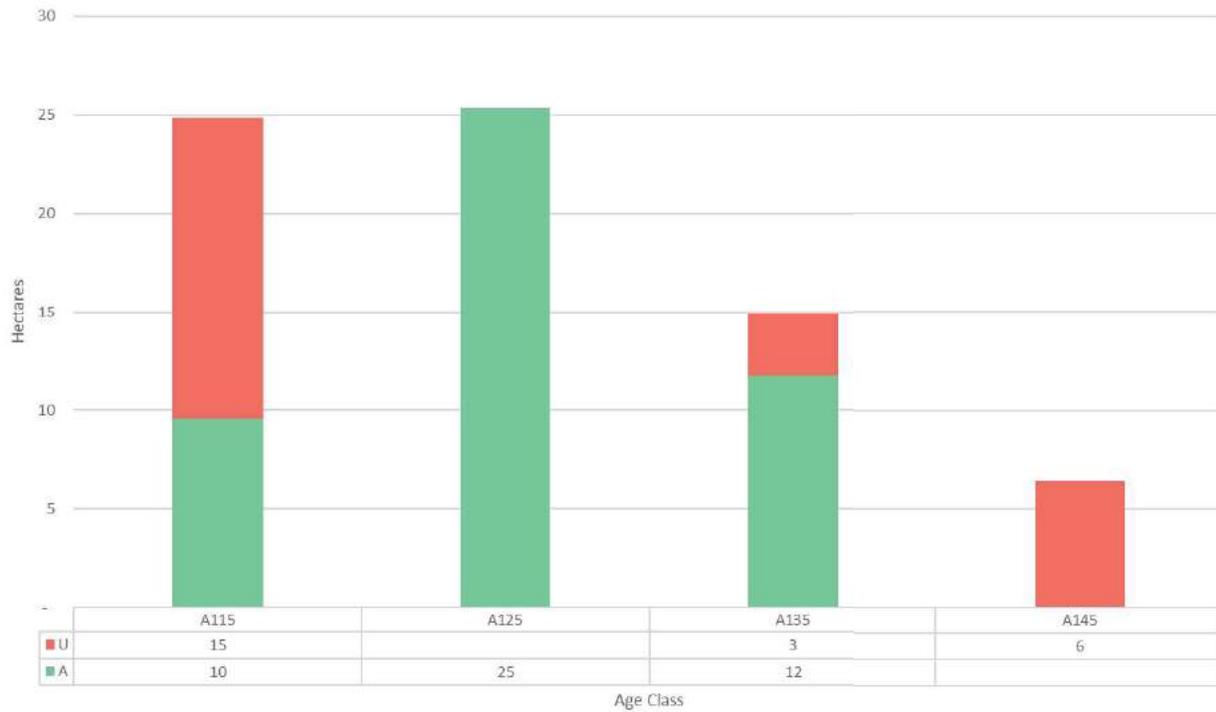
6  
 7  
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1 Figure 14 shows the distribution of age class for the SF forest unit. similar to the SP  
 2 forest unit, a considerable amount of the forest is within the older age classes with no  
 3 young or immature forest able to replace it in the future. Lack of management or  
 4 disturbance will create this forest unit as other forest units will succeed into the SF  
 5 forest unit  
 6



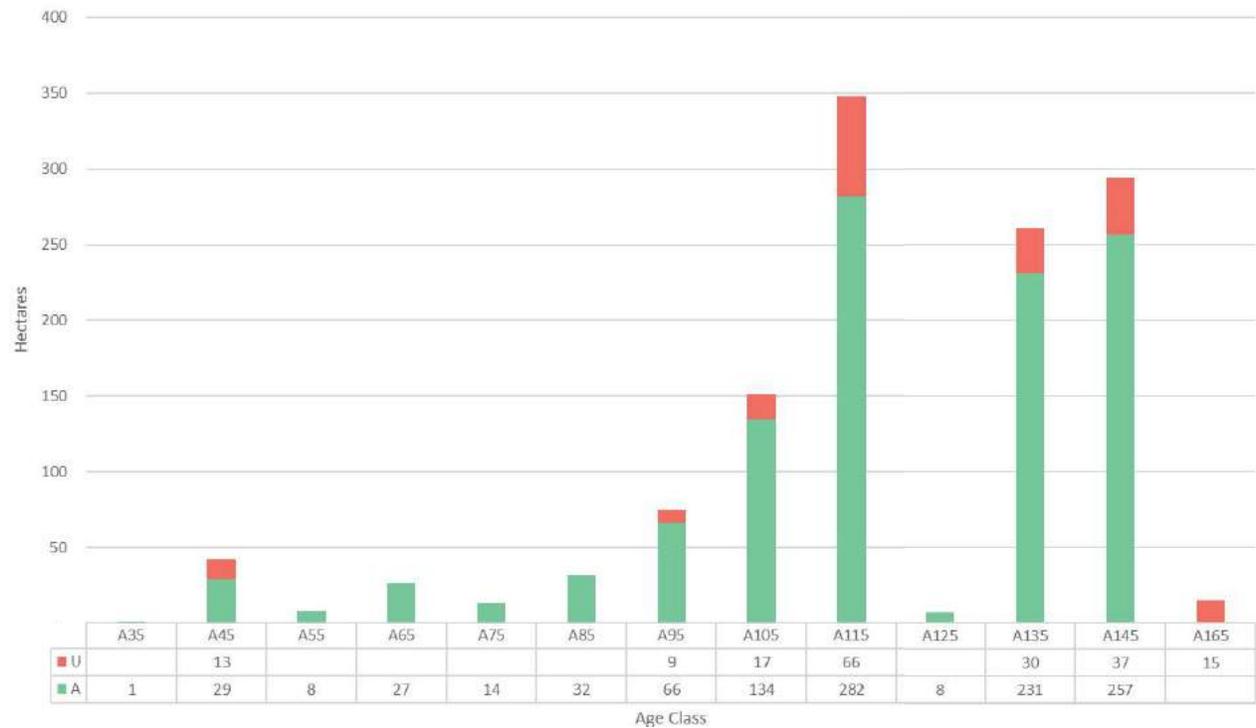
7  
 8 Figure 15 Age class distribution of the Available(A) and Unavailable(U) SF forest unit  
 9

- 1 Figure 15 Shows that very little SB forest unit exist on the LSA.What does exist is old and
- 2 has no younger or immature forest to replace it.
- 3



- 4
- 5 Figure 16 Age class distribution of the Available(A) and Unavailable(U) SB forest unit
- 6
- 7

- 1 Figure 16 below shows once again that much of the MCL forest is in the older age class.
- 2 No young or immature MCL appears to be able to take its place. This trend is consistent
- 3 with much of the late successional forest unit such as the SF and SP forest unit.



4  
5 Figure 17 Age class distribution of the Available(A) and Unavailable(U) MCL forest unit

### 8 2.3 Geology, Topography, Hydrography and Soils

9  
10 The LSA is situated on the Precambrian Shield in Northeastern Ontario. The LSA is  
11 underlain by rocks of three geological provinces contained within the Precambrian  
12 Shield; the Grenville Province, the Southern Province and the Superior Province. Most  
13 of the MU is underlain by rocks of the Superior and Southern Province.

14 Much of the description of geology, topography, hydrography and soils can be found in  
15 section 2.1.2 of the FMP text. However due to the location of the LSA within the many  
16 bays, peninsulas, topography and rock structure surrounding lake Temagami, much of  
17 the features described in the FMP text section are accentuated.

18  
19  
20

### 3.0 DEVELOPMENT OF A LONG-TERM MANAGEMENT DIRECTION FOR THE LSA

The long-term management direction (LTMD) is the part of the forest management planning process where the strategic-level direction for the forest is developed. The development of the long-term management direction for the land set aside was done concurrently with the development of the LTMD for the management unit at large.

Some key distinction we're made in the approach for the LSA.

- Several separate meetings involving the community were held to inform and seek input for the desired forest and benefits on the LSA.
- The LSA was modeled as a distinct subunit and scoping, analysis and results for the management unit at large portray the contribution from the LSA.
- Strategic silviculture options that do not rely on the use of herbicides were developed and applied in modeling to reflect the management objective developed specifically for the LSA.

#### 3.1 Establishment of Objective and targets

A suite of management objectives was developed for the LSA including the associated indicators and the timeline for indicator assessment. For each indicator, desirable levels and targets we're developed by considering the background information.

The Strategic Forest Management Model (SFMM) was used as the primary analysis tool for the strategic planning. This computer model simulates the LSA forest condition through time by projecting changes to the forest structure, composition and age for 200 years into the future

Table FMP-10. Contains the assessment of objective achievement for the LSA

These include objectives and indicators relating to the LSA, which will make contributions to the achieving structure and composition targets that enhance the landscape by moving towards the simulated range of natural variation for landscape classes, old growth, texture, red and white pine, young forest, and young forest patch size indicators. The LSA will contribute to enhancing moose habitat by establishing a moose emphasis area 4 and moving towards the appropriate ranges of browse, mature conifer and hardwood mixedwood forest. The LSA will sustaining a stable and predictable wood supply for their economic benefit. Establishment of demonstration projects and utilize non-herbicide techniques for renewal. Communicate and brand forestry in a positive manor, and establish youth program for forestry education.

## 1 **4.0 PLANNED OPERATIONS**

### 2 **4.1 Harvest and Access**

3

4 The prescriptions for harvest, renewal and tending operations, roads planning for primary,  
5 branch and operational roads, use management strategies, revenues and expenditures  
6 related to operations, monitoring and assessment of operations are all consistent with the  
7 FMP text section 4.

8

9 Supplementary documentation section 6.4(a) implementation toolkit describes the  
10 modules and operational procedure's for implementing forest management activities on  
11 the LSA and on the unit at large. It should be noted that the construction of primary and  
12 branch road and harvest be undertaken by Temagami First nation's Daki Menan Lands  
13 and Resources Corp. or their contractors as the licence holder for the LSA.

14

### 15 **4.2 Renewal and Tending**

16

17 The types and levels of planned renewal and tending operations for the ten-year period  
18 and the proposed levels for the ten-year term of this plan are summarized in FMP-17:  
19 Planned Renewal and Tending Operations. The levels are projected based on the long-  
20 term management direction as determined from the forest modelling

21

22 Renewal and tending levels have been determined in part by using the clearcut area  
23 renewed by forest unit and silvicultural intensity results from the long-term management  
24 direction (LTMD). The proportion of area renewed by forest unit and silvicultural intensity  
25 resulting from the LTMD was applied to the area planned for harvest for each forest unit.  
26 The LTMD does not contain post renewal transition rules or Silviculture Ground Rules  
27 (SGR) that use herbicide. This leads to a reliance on natural regeneration methods.

28 Silviculture ground rules for the LSA are summarized in FMP-4 in section 6.0

29

### 30 **4.3 Comparison of the LTMD to planned operations**

31

32 Due to the nature of this assessment, the comparison of the proposed operations to the  
33 LTMD was completed for the management unit as a whole. In depth analysis of the LTMD  
34 to the proposed operations is available in the FMP text 4.9. The variances and modeling  
35 techniques used to asses the LTMD with the proposed operations included the use of  
36 SFMM and the OLT to assess the long term and short-term variances and their impacts  
37 to the achievement of sustainability. There no variances that affect the LTMD and the  
38 achievement of long-term management objectives.

## 1 **5.0 DETERMINATION OF SUSTAINABILITY**

2

3 Overall the management of the LSA maintains Crown forest health is and that provides  
4 for ecosystem complexity while providing for the needs of the people of Ontario. It also  
5 assessed that on balance, the objectives are being achieved and progress is made  
6 forwards the desired forest and benefits.

## 7 **6.0 FMP TABLES**

8

9

10 The following FMP tables are included in this Supplementary Documentation

11

12

1        **FMP-4 Silviculture Ground Rules**  
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MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

SGR Code	BW-nat-PO-E		Silvicultural System	Clearcut
<b>Current Condition</b>		<b>Future Condition</b>		
<b>Forest Unit</b> (BW) BW White Birch	<b>Ecosite(s)</b> Fresh, Sandy or Coarse Loamy Ecosite 55	<b>Forest Unit</b> PO	<b>Stand Characteristics</b> Species Composition: PO76 BW15 SB5 MS4 Stocking: 0.9 Site Class: 2.2	<b>Regeneration Standards</b> Target Species Composition: PO 75% Target Site Occupancy: 1000 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 3000 stems/ha Minimum Height: 1m Establishment Year: > 5 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h) -Monitoring program for silviculture success Establishment survey: By year 10
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: BW46 PO18 SB8 MS8 SW5 BF3 PW3 MH3 PJ2 CE2 PR1 BY1 Site Class: 2.1 Stocking: 0.81 Operable Age: 70		Growth Type: Natural Regeneration Peak Volume: 202m3/ha at age 105		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Clearcut with Residuals	Tree Length or Full Tree	None	Natural Vegetative	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	Tree Length Cut to Length	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b> BW-plnt-SP1-2	<b>Silvicultural System</b> Clearcut
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Current Condition		Future Condition		Regeneration Standards
<b>Forest Unit</b> (BW) BW White Birch	<b>Ecosite(s)</b> Fresh, Sandy or Coarse Loamy Ecosite 55	<b>Forest Unit</b> SP1	<b>Stand Characteristics</b> Species Composition: SB50 PJ20 SW10 B7 PR7 PW6 Stocking: 0.75 Site Class: 1.8	Target Species Composition: SB 50% PJ 20% Target Site Occupancy: 1750 WD stems/ha  Site Occupancy Definition: 1:4 m2 Target Effective Density: 3000 stems/ha  Minimum Height: 1m
<b>Additional Information</b>		<b>Development Information</b>		Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success Establishment survey: By year 10
Species Composition: BW46 PO18 SB8 MS8 SW5 BF3 PW3 MH3 PJ2 CE2 PR1 BY1 Site Class: 2.1 Stocking: 0.81 Operable Age: 70		Growth Type: Density Regulated Plantation Peak Volume: 189 m3/ha at age 135		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Clearcut	Tree Length or Full Tree	Mechanical & Manual Tend	Plantation	Manual X2
<b>Acceptable Alternative Treatments</b>	N/A	N/A	Tree Length Cut to Length	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

SGR Code		PO-nat-PO-E		Silvicultural System		Clearcut	
<b>Current Condition</b>		<b>Future Condition</b>				<b>Regeneration Standards</b>	
<b>Forest Unit</b>	<b>Ecosite(s)</b>	<b>Forest Unit</b>	<b>Stand Characteristics</b>			Target Species Composition: PO 75% Target Site Occupancy: 1000 WD stems/ha  Site Occupancy Definition: 1:8 m2 Target Effective Density: 3000 stems/ha  Minimum Height: 1m  Establishment Year: > 5 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success Establishment survey: By year 10	
(PO) PO - PO - Poplar	Fresh, Sandy or Coarse Loamy and Dry to Fresh, Fine Loamy or Silty Ecosite 55 and 104	PO	Species Composition: PO76 BW15 SB5 MS4 Stocking: 0.9 Site Class: 2.2				
<b>Additional Information</b>		<b>Development Information</b>					
Species Composition: PO61 BW15 SB5 PJ4 MS4 SW3 BF3 PW2 PR1 CE1 PB1 Site Class: 2.2 Stocking: 0.81 Operable Age: 70		Growth Type: Natural Regeneration Peak Volume: 202m3/ha at age 105					
<b>Silvicultural Treatments</b>							
<b>Most Common Treatment Package</b>	<b>Harvest method</b>	<b>Logging Method</b>	<b>Site Preparation</b>	<b>Regeneration</b>	<b>Tending</b>		
	Clearcut	Tree Length or Full Tree	None	Natural Vegetative	None		
<b>Acceptable Alternative Treatments</b>	N/A	N/A	Tree Length Cut to Length	N/A	N/A		

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

SGR Code		PO-pInt-SF-2		Silvicultural System		Clearcut	
Current Condition		Future Condition				Regeneration Standards	
Forest Unit (PO)	Ecosite(s)	Forest Unit	Stand Characteristics		Target Species Composition: SB 40% Target Site Occupancy: 1750 WD stems/ha  Site Occupancy Definition: 1:4 m2 Target Effective Density: 3000 stems/ha  Minimum Height: 1m  Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success Establishment survey: By year 10		
PO - PO - Poplar	Fresh, Sandy or Coarse Loamy and Dry to Fresh, Fine Loamy or Silty Ecosite 55 and 104	SF1	Species Composition: SB40 BF14 BW13 CE13 PW12 SW6 BY2 Stocking: 0.75 Site Class: 1.5				
Additional Information		Development Information					
Species Composition: PO61 BW15 SB5 PJ4 MS4 SW3 BF3 PW2 PR1 CE1 PB1 Site Class: 2.2 Stocking: 0.81 Operable Age: 70		Growth Type: Density Regulated Plantation Peak Volume: 137m3/ha at age 145					
Silvicultural Treatments							
Most Common Treatment Package	Harvest method	Logging Method	Site Preparation	Regeneration	Tending		
	Clearcut	Tree Length or Full Tree	Mechanical and Manual Tend	Plant	Manual Tending X2		
Acceptable Alternative Treatments	N/A	N/A	N/A	N/A	N/A		

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

SGR Code	PO-nat-PO-D	Silvicultural System		Clearcut
<b>Current Condition</b>		<b>Future Condition</b>		
<b>Forest Unit</b> (PO)	<b>Ecosite(s)</b> Fresh, Sandy or Coarse Loamy and Dry to Fresh, Fine Loamy or Silty Ecosite 55 and 104	<b>Forest Unit</b> PO	<b>Stand Characteristics</b> Species Composition: PO76 BW15 SB5 MS4 Stocking: 0.9 Site Class: 2.2	<b>Regeneration Standards</b> Target Species Composition: PO 75% Target Site Occupancy: 1000 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 3000 stems/ha Minimum Height: 1m
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: PO 62BW 9PB 7SW 6BF 4MH 4MS 4OH 4 Site Class: 2.2 Stocking: 0.81 Operable Age: 70		Growth Type: Natural Regeneration Peak Volume: 202m3/ha at age 105		
<b>Silvicultural Treatments</b>				
<b>Most Common Treatment Package</b>	<b>Harvest method</b> Clearcut	<b>Logging Method</b> Tree Length or Full Tree	<b>Site Preparation</b> SBW rehabilitation	<b>Regeneration</b> Natural Vegetative
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A
				<b>Tending</b> None

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b> CE-nat-CE-E	<b>Silvicultural System</b> Clearcut
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Current Condition		Future Condition		Regeneration Standards
<b>Forest Unit</b> (MCL) MCL-CE Cedar	<b>Ecosite(s)</b> Fresh, Sandy or Coarse Loamy and Hydric, Variable Textures Ecosites 49, 65, 129 and 128	<b>Forest Unit</b> LC1	<b>Stand Characteristics</b> Species Composition: SB56 CE19 OC14 BF4 BW3 PW2 PJ1 SW1 Stocking: 0.68 Site Class: 2.1	Target Species Composition: SB 56% Target Site Occupancy: 1000 WD stems/ha  Site Occupancy Definition: 1:8 m2 Target Effective Density: 3000 stems/ha  Minimum Height: 0.8m  Establishment Year: > 9 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success Establishment survey: By year 10
<b>Additional Information</b> Species Composition: CE60 SB18 BW7 PW4 SW3 BF2 OH2 BY2 OC2 Site Class: 2.1 Stocking: 0.76 Operable Age: 90		<b>Development Information</b> Growth Type: Natural Regeneration Peak Volume: 100 m3/ha at age 165		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Clearcut with Residuals	Tree Length or Full Tree	None	Natural advanced growth, seed, vegetative	None
<b>Acceptable Alternative Treatments</b>	Clearcut with Residuals Clearcut with patches-CE	Tree Length or Full Tree	None		Cleaning,

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	LC-nat-LC-E		<b>Silvicultural System</b>		Clearcut
<b>Current Condition</b>			<b>Future Condition</b>		
<b>Forest Unit</b> (MCL)	<b>Ecosite(s)</b> Hydric, Variable Textures and Moist, Sandy or Coarse Loamy Ecosites 65, 66,129 and 128	<b>Forest Unit</b> LC	<b>Stand Characteristics</b> Species Composition: SB57 CE19 OC14 BF4 BW3 PW2 SW1 Stocking: 0.55 Site Class: 2.1		
<b>Additional Information</b>		<b>Development Information</b>			
Species Composition: SB56 CE19 OC14 BF4 BW3 PW2 PJ1 SW1 Site Class: 2.1 Stocking: 0.68 Operable Age: 90		Growth Type: Natural Regeneration Peak Volume: 100 m3/ha at age 165			
<b>Regeneration Standards</b>			Target Species Composition: SB 57% Target Site Occupancy: 1000 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 3000 stems/ha Minimum Height: 0.8m Establishment Year: > 9 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success Establishment survey: By year 10		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Clearcut with Residuals	Tree Length or Full Tree	None	Natural advanced growth, seed, vegetative	None
<b>Acceptable Alternative Treatments</b>	Clearcut with Residuals Clearcut with patches	Tree Length or Full Tree	None	Natural advanced growth, seed, vegetative	Cleaning,

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	SB-nat-SB-E	<b>Silvicultural System</b>	Clearcut
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Current Condition		Future Condition		Regeneration Standards
<b>Forest Unit</b>	<b>Ecosite(s)</b>	<b>Forest Unit</b>	<b>Stand Characteristics</b>	<i>Target Species Composition: SB 80%</i> <i>Target Site Occupancy: 1000 WD stems/ha</i>  <i>Site Occupancy Definition: 1:8 m2</i> <i>Target Effective Density: 3000 stems/ha</i>  <i>Minimum Height: 1m</i>  <i>Establishment Year: &gt; 7 years Post-harvest</i> <i>Assessment Method: See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success</i> <i>Establishment survey: By year 10</i>
SB	Moist, Fine Loamy, Silty or Clayey / Moist, Sandy or Coarse Loamy	SB	Species Composition: SB84 OC4 BW3 CE3 BF2 PW2 PJ1 PO1 Stocking: 0.6 Site Class: 2.1	
SB Black Spruce	Ecosites 128, 65, 49	<b>Development Information</b>		
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: SB84 OC4 BW3 CE3 BF2 PW2 PJ1 PO1 Site Class: 2.1 Stocking: 0.70 Operable Age: 85		Growth Type: Natural Regeneration Peak Volume: 85 m3/ha at age 115		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Clearcut with Residuals	Tree Length or Full Tree	None	Natural advanced growth, seed, vegetative	None
<b>Acceptable Alternative Treatments</b>	Clearcut with Residuals Clearcut with patches	Tree Length or Full Tree	None	Natural advanced growth, seed, vegetative	

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	MWD-nat-PO-E	<b>Silvicultural System</b>	Clearcut
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Current Condition		Future Condition		Regeneration Standards
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	
(MWCC) MWCC-MWD Mixedwood Dry	Fresh, Sandy or Coarse Loamy Ecosites 55, 50, 54, and 48	PO	Species Composition: PO76 BW15 SB5 MS4 Stocking: 0.9 Site Class: 2.2	Target Species Composition: PO 80% Target Site Occupancy: 1000 WD stems/ha  Site Occupancy Definition: 1:8 m2 Target Effective Density: 3000 stems/ha  Minimum Height: PO >2m  Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success Establishment survey: By year 10
Additional Information		Development Information		
Species Composition: BW25 PO17 SB14 PJ13 PW12 MS6 BF5 SW4 PR31 Site Class: 2.1 Stocking: 0.75 Operable Age: 80		Growth Type: Natural Regeneration Peak Volume: 202 m3/ha at age 105		

	Silvicultural Treatments			
	Harvest method	Logging Method	Site Preparation	Regeneration
<b>Most Common Treatment Package</b>	Clearcut with Residuals	Tree Length or Full Tree	None	Natural vegetative
<b>Acceptable Alternative Treatments</b>	N/A	N/A	None	Natural seed
				None
				N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	MWR-nat-PO-E	<b>Silvicultural System</b>	Clearcut
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Current Condition		Future Condition		Regeneration Standards
<b>Forest Unit</b> (MWCC)	<b>Ecosite(s)</b> Fresh, Sandy or Coarse Loamy Ecosites 55, 50, 54, and 48	<b>Forest Unit</b> PO1	<b>Stand Characteristics</b> Species Composition: PO76 BW15 SB5 MS4 Stocking: 0.9 Site Class: 2.2	<i>Target Species Composition: PO 75%</i> <i>Target Site Occupancy: 1000 WD stems/ha</i> <i>Site Occupancy Definition: 1:8 m2</i> <i>Target Effective Density: 3000 stems/ha</i> <i>Minimum Height: 1m</i> <i>Establishment Year: &gt; 7 years Post-harvest</i> <i>Assessment Method: See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success</i> <i>Establishment survey: By year 10</i>
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: BW27 SB20 PO14 BF9 MS8 SW7 CE6 PW4 MH2 PJ1 PR1 BY1, Site Class: 2 Stocking: 0.75 Operable Age: 80		Growth Type: Density Regulated Plantation Peak Volume: 198 m3/ha at age 135		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Clearcut with Residuals	Tree Length or Full Tree	None	Natural vegetative	None
<b>Acceptable Alternative Treatments</b>	N/A	Tree Length or Full Tree	None	Natural seed	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	MWR-plnt-PJ1-2	<b>Silvicultural System</b>	Clearcut
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Current Condition		Future Condition		Regeneration Standards
<b>Forest Unit</b> (MWCC)	<b>Ecosite(s)</b> Fresh, Sandy or Coarse Loamy Ecosites 55, 50, 54, and 48	<b>Forest Unit</b> PJ1	<b>Stand Characteristics</b> Species Composition: PJ85 SB15 Stocking: 0.9 Site Class: 2.1	<i>Target Species Composition:</i> PJ 85 <i>Target Site Occupancy:</i> 1250 WD stems/ha  <i>Site Occupancy Definition:</i> 1:8 m2 <i>Target Effective Density:</i> 3000 stems/ha  <i>Minimum Height:</i> 1m  <i>Establishment Year:</i> > 7 years Post-harvest <i>Assessment Method:</i> See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success <i>Establishment survey:</i> By year 10
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: BW27 SB20 PO4 BF9 MS8 SW7 CE6 PW4 MH2 PJ1 PR1 BY1, Site Class: 2 Stocking: 0.75 Operable Age: 80		Growth Type: Fill Plant Peak Volume: 165 m3/ha at age 125		

	Silvicultural Treatments			
	Harvest method	Logging Method	Regeneration	Tending
<b>Most Common Treatment Package</b>	Clearcut	Tree Length or Full Tree	Mechanical and Manual Plant	Manual Tend X2
<b>Acceptable Alternative Treatments</b>	N/A	Tree Length or Full Tree	None Natural seed	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	PWST-nat-PWST-E	<b>Silvicultural System</b>	Clearcut-SeedTree
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Current Condition		Future Condition		Regeneration Standards
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	
(PWST) PWST - PWST - White Pine- SeedTree	Fresh, Sandy or Coarse Loamy 48, 54	PWST	Species Composition: PW49 PO22 BW6 MS6 SB5 BF3 PR3 SW3 PJ2 CE1 Stocking: 0.65 Site Class: 2	Target Species Composition: PW 50% Target Site Occupancy: 1000 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 3000 stems/ha Minimum Height: 1m Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h) -Monitoring program for silviculture success Establishment survey: By year 10
Additional Information		Development Information		
Species Composition: PW23 BW20 SB18 PR10 PO9 BF7 CE4 MS4 PJ2 SW2 MH1 Site Class: 1.9 Stocking: 0.71 Operable Age: 95		Growth Type: Natural Regeneration Peak Volume: 199 m3/ha at age 125		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Clearcut with seed Tree	Tree Length or Full Tree	Mechanical and Manual	Vegetative Seed	None
<b>Acceptable Alternative Treatments</b>	N/A	Tree Length or Full Tree	Prescribed Burn	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	PR-nat-PR-E	<b>Silvicultural System</b>	Clearcut- seedTree
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Current Condition		Future Condition		Regeneration Standards
<b>Forest Unit</b> (PR) PR1 -PR1 Red Pine	<b>Ecosite(s)</b> Fresh, Sandy or Coarse Loamy 48	<b>Forest Unit</b> PR1	<b>Stand Characteristics</b> Species Composition: PR80 PW10 BW4 SB4 CE1 PO1 Stocking: 0.5 Site Class: 1.5	Target Species Composition: PR 80% Target Site Occupancy: 1000 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 3000 stems/ha Minimum Height: 1m Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h) -Monitoring program for silviculture success Establishment survey: By year 10
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: PR80 PW10 SB4 BW4 PO1 CE1 Site Class: 1.5 Stocking: 0.82 Operable Age: 80		Growth Type: Natural Regeneration Peak Volume: 202 m3/ha at age115		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Clearcut with seed Tree	Tree Length or Full Tree	None	Natural seed	None
<b>Acceptable Alternative Treatments</b>	Clearcut with seed Tree	Tree Length or Full Tree	None	Natural seed	Manual

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	PR-pInt-PR-2	<b>Silvicultural System</b>	Clearcut
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Current Condition		Future Condition		Regeneration Standards
<b>Forest Unit</b> (PR) PR1 -PR1 Red Pine	<b>Ecosite(s)</b> Fresh, Sandy or Coarse Loamy 48	<b>Forest Unit</b> PR1	<b>Stand Characteristics</b> Species Composition: PR80 PW10 BW4 SB4 CE1 PO1 Stocking: 0.9 Site Class: 1.5	Target Species Composition: PR 80% Target Site Occupancy: 1750 WD stems/ha Site Occupancy Definition: 1:4 m2 Target Effective Density: 1850 stems/ha Minimum Height: 1m Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success Establishment survey: By year 10
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: PR80 PW10 SB4 BW4 PO1 CE1 Site Class: 1.5 Stocking: 0.82 Operable Age: 80		Growth Type: Density Regulated Plantation Peak Volume: 570 m3/ha at age 250		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Clearcut with seed Tree	Tree Length or Full Tree	Mechanical & Manual Tend	Plant	Manual X2
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b> SP1-pInt-SP1-2	<b>Silvicultural System</b> Clearcut
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Current Condition		Future Condition		Regeneration Standards
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	
(SP1) SP1 - SP1 Upland Spruce	Fresh, Sandy or Coarse Loamy /Moist, Sandy or Coarse Loamy - 48, 50, 65, 52	SP1	Species Composition: SB50 PJ20 SW10 BF7 PR7 PW6 Stocking: 0.75 Site Class: 1.8	Target Species Composition: SB 50%, PJ 20% Target Site Occupancy: 1750 WD stems/ha  Site Occupancy Definition: 1:4 m2 Target Effective Density: 1850 stems/ha  Minimum Height: 1m  Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h) -Monitoring program for silviculture success Establishment survey: By year 10
Additional Information		Development Information		
Species Composition: SB50 PJ18 BW13 PW6 BF4 PO3 SW2PR2 CE1 MS1 Site Class: 1.8 Stocking: 0.71 Operable Age: 75		Growth Type: Fill Plantation Peak Volume: 198 m3/ha at age 135		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Clearcut	Tree Length or Full Tree	Mechanical & Manual Tend	Plant	Manual tend X2
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	SF-nat-SF-E		<b>Silvicultural System</b>	Clearcut
<b>Current Condition</b>		<b>Future Condition</b>		
<b>Forest Unit</b> (SF)	<b>Ecosite(s)</b> Fresh, Sandy or Coarse Loamy /Moist, Sandy or Coarse Loamy - 48, 50, 65, 52	<b>Forest Unit</b> SF1	<b>Stand Characteristics</b> Species Composition: SB33 BW13 CE13 PW12 BF11 SW6 PJ3 PO3 BY2 MS1 OC1 OH1 PR1 Stocking: 0.6 Site Class: 1.9	
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: SB33 BW13 CE13 PW12 BF11 SW6 PJ3PO3 BY2 PR1 OH1 OC1 MS1 Site Class: 1.9 Stocking: 0.73 Operable Age: 85		Growth Type: Natural Regeneration Peak Volume: 97 m3/ha at age 165		
<b>Regeneration Standards</b>				
Target Species Composition: SB 33% Target Site Occupancy: 1000 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 3000 stems/ha Minimum Height: 1m Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h) -Monitoring program for silviculture success Establishment survey: By year 10				

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Clearcut	Tree Length or Full Tree	None	Natural	None
<b>Acceptable Alternative Treatments</b>	Clearcut	Tree Length or Full Tree	N/A	Natural	Manual

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	SF-plnt-SP1-2	<b>Silvicultural System</b>	Clearcut
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Current Condition		Future Condition		Regeneration Standards
<b>Forest Unit</b> (SF)	<b>Ecosite(s)</b> Fresh, Sandy or Coarse Loamy /Moist, Sandy or Coarse Loamy - 48, 50, 65, 52	<b>Forest Unit</b> SP1	<b>Stand Characteristics</b> Species Composition: SB50 PJ20 SW10 BF7 PR7 PW6 Stocking: 0.8 Site Class: 1.8	<i>Target Species Composition:</i> SB 50%, PJ 20% <i>Target Site Occupancy:</i> 1750 WD stems/ha  <i>Site Occupancy Definition:</i> 1:4 m2 <i>Target Effective Density:</i> 1850 stems/ha  <i>Minimum Height:</i> 1m  <i>Establishment Year:</i> > 7 years Post-harvest <i>Assessment Method:</i> See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success <i>Establishment survey:</i> By year 10
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: SB33 BW13 CE13 PW12 BF11 SW6 PJ3PO3 BY2 PR1 OH1 OC1 MS1 Site Class: 1.9 Stocking: 0.73 Operable Age: 85		Growth Type: Density Regulated Plantation Peak Volume: 151 m3/ha at age 125		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Clearcut	Tree Length or Full Tree	Mechanical & Manual clean	Plant	Manual tend X2
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	PJ1-nat-PJ1-E	<b>Silvicultural System</b>	Clearcut
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Current Condition		Future Condition		Regeneration Standards
<b>Forest Unit</b> (PJ1) PJ1- PJ1 Jack Pine- Pure	<b>Ecosite(s)</b> Fresh, Sandy or Coarse Loamy Ecosites 49 and 50	<b>Forest Unit</b> PJ1	<b>Stand Characteristics</b> Species Composition: PJ78 SB12 BW7 PO2 PR1 Stocking: 0.71 Site Class: 2.1	Target Species Composition: PJ 80% Target Site Occupancy: 1000 WD stems/ha  Site Occupancy Definition: 1:8 m2 Target Effective Density: 3000 stems/ha  Minimum Height: 1m  Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h) -Monitoring program for silviculture success Establishment survey: By year 10
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: PJ78 SB12 BW7 PO2 PR1 Site Class: 2.1 Stocking: 0.81 Operable Age: 75		Growth Type: Natural Regeneration Peak Volume: 138 m3/ha at age 105		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Clearcut	Tree Length or Full Tree	None	Natural seed	None
<b>Acceptable Alternative Treatments</b>	Clearcut	N/A	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	PJ1-pInt-PJ1-2	<b>Silvicultural System</b>	Clearcut
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Current Condition		Future Condition		Regeneration Standards
<b>Forest Unit</b> (PJ1) PJ1- PJ1 Jack Pine- Pure	<b>Ecosite(s)</b> Fresh, Sandy or Coarse Loamy Ecosites 49 and 50	<b>Forest Unit</b> PJ1	<b>Stand Characteristics</b> Species Composition: PJ85 SB10 PR5 Stocking: 0.8 Site Class: 2.1	Target Species Composition: PJ 85 SB 10 Target Site Occupancy: 1250 WD stems/ha  Site Occupancy Definition: 1:4 m2 Target Effective Density: 1850 stems/ha  Minimum Height: 1m  Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h) -Monitoring program for silviculture success Establishment survey: By year 10
<b>Additional Information</b>				
Species Composition: PJ78 SB12 BW7 PO2 PR1 Site Class: 2.1 Stocking: 0.81 Operable Age: 75		Development Information Growth Type: Density Regulated Plantation Peak Volume: 209 m3/ha at age 85		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Clearcut	Tree Length or Full Tree	Mechanical & Manual Tend	Plant 1.8k	Manual tend x2
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	PJ2-nat-SP1-E	<b>Silvicultural System</b>	Clearcut
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Current Condition		Future Condition		Regeneration Standards
<b>Forest Unit</b> (PJ2) PJ2 - PJ2 Jack Pine- Conifer	<b>Ecosite(s)</b> Fresh, Sandy or Coarse Loamy Ecosites 49 and 50 Dry, Very Shallow Ecosite 12	<b>Forest Unit</b> SP1	<b>Stand Characteristics</b> Species Composition: SB50 PJ15 BW13 BF8 MS4 PW4 PO3 SW2 CE1 Stocking: 0.6 Site Class: 1.8	Target Species Composition: SB50 PJ15 Target Site Occupancy: 1000 WD stems/ha  Site Occupancy Definition: 1:8 m2 Target Effective Density: 3000 stems/ha  Minimum Height: 1m  Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h) -Monitoring program for silviculture success Establishment survey: By year 10
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: PJ53 SB25 BW10 PO4 PW3 PR2 SW1BF1 CE1 Site Class: 2.3 Stocking: 0.73 Operable Age: 75		Growth Type: Natural Regeneration Peak Volume: 105 m3/ha at age 155		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Clearcut	Tree Length or Full Tree	None	Natural seed	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	PJ2-pInt-PJ1-2	<b>Silvicultural System</b>	Clearcut
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Current Condition		Future Condition		Regeneration Standards
<b>Forest Unit</b> (PJ2) PJ2 - PJ2 Jack Pine- Conifer	<b>Ecosite(s)</b> Fresh, Sandy or Coarse Loamy Ecosites 49 and 50 Dry, Very Shallow Ecosite 12	<b>Forest Unit</b> PJ1	<b>Stand Characteristics</b> Species Composition: PJ 85 SB 15 Stocking: 0.9 Site Class: 2.1	Target Species Composition: PJ 85 Target Site Occupancy: 1750 WD stems/ha  Site Occupancy Definition: 1:4 m2 Target Effective Density: 1850 stems/ha  Minimum Height: 1m  Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h) -Monitoring program for silviculture success Establishment survey: By year 10
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: PJ53 SB25 BW10 PO4 PW3 PR2 SW1BF1 CE1 Site Class: 2.3 Stocking: 0.73 Operable Age: 75		Growth Type: Natural Regeneration Peak Volume: 209 m3/ha at age 85		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Clearcut	Tree Length or Full Tree	Mechanical & Manual Tend	Plant 1.8k	Manual tend x2
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	LWMW-nat-LWMW-E	<b>Silvicultural System</b>	Clearcut
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Current Condition		Future Condition		Regeneration Standards
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	
(MWCC) MWCC-LWMW Lowland Mixedwood	Fresh, Sandy or Coarse Loamy Ecosites 55, 50, 54, and 48	LWMW	Species Composition: BY20 CE19 SB15 BW14 MS7 OH7 SW6 MH4 BF3 PO3 PW1 Stocking: 0.65 Site Class: 1.9	Target Species Composition: BY 20 CE 19 Target Site Occupancy: 1000 WD stems/ha  Site Occupancy Definition: 1:8 m2 Target Effective Density: 1850 stems/ha  Minimum Height: 1m  Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success Establishment survey: By year 10
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: BY20 CE19 SB15 BW14 OH7 MS7 SW6Mh4 BF3 PO3 PW2 Site Class: 1.9 Stocking: 0.77 Operable Age: 75		Growth Type: Natural Regeneration Peak Volume: 68 m3/ha at age 145		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Clearcut with Standards	Tree Length or Full Tree	Mechanical	Natural Seed	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

SGR Code	LWMW-nat-LWMW-D		Silvicultural System	Clearcut	
<b>Current Condition</b>		<b>Future Condition</b>			
<b>Forest Unit</b> (MWCC) MWCC-LWMW Lowland Mixedwood	<b>Ecosite(s)</b> Fresh, Sandy or Coarse Loamy Ecosites 55, 50, 54, and 48	<b>Forest Unit</b> LWMW	<b>Stand Characteristics</b> Species Composition: BY20 CE19 SB15 BW14 MS7 OH7 SW6 MH4 BF3 PO3 PW1 Stocking: 0.65 Site Class: 1.9	<b>Regeneration Standards</b> Target Species Composition: BY 20 CE 19 Target Site Occupancy: 1000 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 1850 stems/ha Minimum Height: 1m	
<b>Additional Information</b> Species Composition: BY20 BW18 OH18 CE15 MS7 SW7 PO6 BF4 MH4 SB1 Site Class: 1.9 Stocking: 0.65 Operable Age: 75		<b>Development Information</b> Growth Type: Natural Regeneration Peak Volume: 67.5 m3/ha at age 145			
<b>Silvicultural Treatments</b>					
<b>Most Common Treatment Package</b>	<b>Harvest method</b> Clearcut with Standards	<b>Logging Method</b> Tree Length or Full Tree	<b>Site Preparation</b> Mechanical	<b>Regeneration</b> Natural Seed	<b>Tending</b> None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	BY-E-nat-BY	<b>Silvicultural System</b>	Shelterwood
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Current Condition		Future Condition		Regeneration Standards
<b>Forest Unit</b> (HDUS1)	<b>Ecosite(s)</b> Fresh, Sandy or Coarse Loamy Ecosites 55 and 58	<b>Forest Unit</b> BY	<b>Stand Characteristics</b> Species Composition: BY43 CE17 MH10 SW9 SB8 BW7 BF3 MS2 PW1 Site Class: 1.9 Stocking: 0.77	<i>Target Species Composition: By50%</i> <i>Target Site Occupancy: 1000 WD stems/ha</i>  <i>Site Occupancy Definition: 1:8 m2</i> <i>Target Effective Density: 3000 stems/ha</i>  <i>Minimum Height: 1m</i>  <i>Establishment Year: &gt; 7 years Post-harvest</i> <i>Assessment Method: See Supplementary documentation section (6.1(h) -Monitoring program for silviculture success</i> <i>Establishment survey: By year 10</i>
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: BY47 MH12 CE10 BW9 BF7 SW7 MS5 PW2 SB1 Average stocking 0.7 Site Class: 1.9 Operable age: 115y (Regen 10-20y) Site Occupancy: 1:4 m2		Growth Type: Natural Regeneration Min Operable Age: 95y NMV Target: 103m3/ha at 135y Silvicultural Stratrum: BY1-E (BY1)		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Shelterwood	Tree Length or Full Tree	None	Natural	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
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 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	BY-nat-BY-E	<b>Silvicultural System</b>	Shelterwood
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Current Condition		Future Condition		Regeneration Standards
<b>Forest Unit</b> (HDUS1)	<b>Ecosite(s)</b> Fresh, Sandy or Coarse Loamy Ecosites 55 and 58	<b>Forest Unit</b> BY1	<b>Stand Characteristics</b> Species Composition: BY47 MH12 CE10 BW9 BF7 SW7 MS5 PW2 SB1 Average stocking 0.7 Site Class 1.9	Target Species Composition: By > 45% Target Site Occupancy: 1000 WD stems/ha  Site Occupancy Definition: 1:4 m2 Target Effective Density: 1300 stems/ha  Minimum Height: 1m  Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success Establishment survey: By year 10
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: BY43 CE17 MH10 SW9 SB8 BW7 BF3 MS2 PW1 Site Class: 1.9 Stocking: 0.77 Operable Age: 95		Growth Type: Natural Regeneration Next Entry: At age 115 (20 years) Silvicultural Stratrum: BY1 (BY1E)		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Uniform Shelterwood	Tree Length or Full Tree	None	Natural	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	Mechanical	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	HDSL1- nat-HDSL1-E	<b>Silvicultural System</b>	Shelterwood
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Current Condition		Future Condition		Regeneration Standards
<b>Forest Unit</b> (HDUS1) HDUS1 - HDSL1 Hardwood Selection-North	<b>Ecosite(s)</b> Fresh, Sandy or Coarse Loamy Ecosites 55 and 58	<b>Forest Unit</b> HDSL1	<b>Stand Characteristics</b> Species Composition: MH57 MS15 BW8 YB7 SW4 BF3 CE3 PW2 PO1 Average stocking: 0.87 Site Class: 1.7	<i>Target Species Composition:</i> MH > 55% <i>Target Site Occupancy:</i> 1000 WD stems/ha  <i>Site Occupancy Definition:</i> 1:4 m2 <i>Target Effective Density:</i> 1300 stems/ha  <i>Minimum Height:</i> 1m  <i>Establishment Year:</i> > 7 years Post-harvest <i>Assessment Method:</i> See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success <i>Establishment survey:</i> By year 10
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: MH48 BY17 BW9 MS6 SB5 CE5 SW4 BF2 PW2 QR1 Site Class: 1.7 Stocking: 0.82 Operable Age: 95		Growth Type: Natural Regeneration Next Entry: At age 1.15 (20 years) Silvicultural Stratum: HDSL1 (HDSL1-E)		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Uniform Shelterwood	Tree Length or Full Tree	None	Natural	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	Mechanical	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
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 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	HDSL1-E- nat-HDSL1	<b>Silvicultural System</b>	Shelterwood
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<b>Current Condition</b>		<b>Future Condition</b>		<b>Regeneration Standards</b>
<b>Forest Unit</b> (HDUS1)  HDUS1 - HDSL1 Hardwood Selection- North	<b>Ecosite(s)</b>  Fresh, Sandy or Coarse Loamy Ecosites 55 and 58	<b>Forest Unit</b>  HDSL1	<b>Stand Characteristics</b>  Species Composition: MH48 BY17 BW9 MS6 SB5 CE5 SW4 BF2 PW2 QR1 Site Class: 1.7 Stocking: 0.82	<i>Target Species Composition:</i> MH 50% <i>Target Site Occupancy:</i> 1000 WD stems/ha  <i>Site Occupancy Definition:</i> 1:8 m2 <i>Target Effective Density:</i> 3000 stems/ha  <i>Minimum Height:</i> 1m  <i>Establishment Year:</i> > 7 years Post-harvest <i>Assessment Method:</i> See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success <i>Establishment survey:</i> By year 10
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: MH57 MS15 BW8 YB7 SW4 BF3 CE3 PW2 PO1 Average stocking: 0.87 Site Class: 1.7 Operable age: 105y (Regen 10-20y) Site Occupancy: 1:4 m2		Growth Type: Natural Regeneration Min Operable Age: 95y NMV Target: 77m3/ha at 155y Silvicultural Stratum: HDSL1-E (HDSL1)		

<b>Silvicultural Treatments</b>					
	<b>Harvest method</b>	<b>Logging Method</b>	<b>Site Preparation</b>	<b>Regeneration</b>	<b>Tending</b>
<b>Most Common Treatment Package</b>	Shelterwood	Tree Length or Full Tree	None	Natural	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	HDSL2- nat-HDSL2-E
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<b>Silvicultural System</b>	Shelterwood
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Current Condition		Future Condition		Regeneration Standards
<b>Forest Unit</b> (HDUS1) HDUS1 - HDSL1 Hardwood Selection- South	<b>Ecosite(s)</b> Fresh, Sandy or Coarse Loamy Ecosites 55 and 58	<b>Forest Unit</b> HDSL2	<b>Stand Characteristics</b> <i>Species Composition:</i> MH 41QR 39CE 10PW 10 <i>Average stocking:</i> 0.85 <i>Site Class:</i> 2.2	<i>Target Species Composition:</i> MH 40%, QR 40% <i>Target Site Occupancy:</i> 1000 WD stems/ha  <i>Site Occupancy Definition:</i> 1:4 m2 <i>Target Effective Density:</i> 1300 stems/ha  <i>Minimum Height:</i> 1m  <i>Establishment Year:</i> > 7 years Post-harvest <i>Assessment Method:</i> See Supplementary documentation section (6.1(h) -Monitoring program for silviculture success <i>Establishment survey:</i> By year 10
<b>Additional Information</b>		<b>Development Information</b>		
<i>Species Composition:</i> MS33 MH25 BW18 BY9 PO8 BF3 PJ1 SW1 PW1 CE1 <i>Site Class:</i> 2.2 <i>Stocking:</i> 0.8 <i>Operable Age:</i> 95		<i>Growth Type:</i> Natural Regeneration <i>Next Entry:</i> At age 115 (20 years) Silvicultural Stratam: HDSL2 (HDSL2-E)		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Uniform Shelterwood	Tree Length or Full Tree	None	Natural	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	Mechanical	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
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 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	HDSL2-E- nat-HDSL2	<b>Silvicultural System</b>	Shelterwood
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<b>Current Condition</b>		<b>Future Condition</b>		<b>Regeneration Standards</b>
<b>Forest Unit</b>	<b>Ecosite(s)</b>	<b>Forest Unit</b>	<b>Stand Characteristics</b>	
(HDUS1) HDUS1 – HDSL1 Hardwood Selection- South	Fresh, Sandy or Coarse Loamy Ecosites 55 and 58	HDSL2	<i>Species Composition:</i> MS33 MH25 BW18 BY9 PO8 BF3 PJ1 SW1 PW1 CE1 <i>Site Class:</i> 2.2 <i>Stocking:</i> 0.8	<i>Target Species Composition:</i> MH 50% <i>Target Site Occupancy:</i> 1000 WD stems/ha  <i>Site Occupancy Definition:</i> 1:8 m2 <i>Target Effective Density:</i> 3000 stems/ha  <i>Minimum Height:</i> 1m  <i>Establishment Year:</i> > 7 years Post-harvest <i>Assessment Method:</i> See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success <i>Establishment survey:</i> By year 10
<b>Additional Information</b>		<b>Development Information</b>		
<i>Species Composition:</i> MH 41QR 39CE 10PW 10 <i>Average stocking:</i> 0.85 <i>Site Class:</i> 2.2 <i>Operable age:</i> 105y (Regen 10-20y) <i>Site Occupancy:</i> 1:4 m2		<i>Growth Type:</i> Natural Regeneration <i>Min Operable Age:</i> 95y <i>NMV Target:</i> 108 m3/ha at 165y <i>Silvicultural Stratum:</i> HDSL1-E (HDSL1)		

	<b>Silvicultural Treatments</b>		
	<b>Harvest method</b>	<b>Logging Method</b>	<b>Site Preparation</b>
<b>Most Common Treatment Package</b>	Shelterwood	Tree Length or Full Tree	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A
			<b>Regeneration</b>
			Natural
			<b>Tending</b>
			None
			N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	HDUS- nat-HDUS-E	<b>Silvicultural System</b>	Shelterwood
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<b>Current Condition</b>		<b>Future Condition</b>		<b>Regeneration Standards</b>
<b>Forest Unit</b>	<b>Ecosite(s)</b>	<b>Forest Unit</b>	<b>Stand Characteristics</b>	
(HDUS1) HDUS1 – HDUS Hardwood Uniform Shelterwood	Fresh, Sandy or Coarse Loamy Ecosites 55 and 58	HDUS	<i>Species Composition:</i> MS33 MH25 BW18 BY9 PO8 BF3 PJ1 SW1 PW1 CE1 <i>Site Class:</i> 2.2 <i>Stocking:</i> 0.8	<i>Target Species Composition:</i> MH 40%, QR 40% <i>Target Site Occupancy:</i> 1000 WD stems/ha  <i>Site Occupancy Definition:</i> 1:4 m2 <i>Target Effective Density:</i> 1300 stems/ha  <i>Minimum Height:</i> 1m  <i>Establishment Year:</i> > 7 years Post-harvest <i>Assessment Method:</i> See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success <i>Establishment survey:</i> By year 10
<b>Additional Information</b>		<b>Development Information</b>		
<i>Species Composition:</i> MH 41QR 39CE 10PW 10 <i>Average stocking:</i> 0.85 <i>Site Class:</i> 2.2 <i>Operable age:</i> 105y (Regen 10-20y) <i>Site Occupancy:</i> 1:4 m2		<i>Growth Type:</i> Natural Regeneration <i>Min Operable Age:</i> 95y <i>NMV Target:</i> 108 m3/ha at 165y <i>Silvicultural Stratum:</i> HDUS-E (HDUS)		

	<b>Silvicultural Treatments</b>		
	<b>Harvest method</b>	<b>Logging Method</b>	<b>Site Preparation</b>
<b>Most Common Treatment Package</b>	Shelterwood	Tree Length or Full Tree	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A
			<b>Regeneration</b>
			Natural
			<b>Tending</b>
			None
			N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	HDUS-E nat-HDUS	<b>Silvicultural System</b>	Shelterwood
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Current Condition		Future Condition		Regeneration Standards
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	
HDUS1 – HDUS Hardwood Uniform Shelterwood	Fresh, Sandy or Coarse Loamy Ecosites 55 and 58	HDUS	Species Composition: MS33 MH25 BW18 BY9 PO8 BF3 PJ1 SW1 PW1 CE1 Site Class: 2.2 Stocking: 0.8	Target Species Composition: MH 50% Target Site Occupancy: 1000 WD stems/ha  Site Occupancy Definition: 1:8 m2 Target Effective Density: 3000 stems/ha  Minimum Height: 1m  Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success Establishment survey: By year 10
Additional Information		Development Information		
Species Composition: MH 41QR 39CE 10PW 10 Average stocking: 0.85 Site Class: 2.2 Operable age: 105y (Regen 10-20y) Site Occupancy: 1:4 m2		Growth Type: Natural Regeneration Min Operable Age: 95y NMV Target: 108 m3/ha at 165y Silvicultural Stratum: HDUS-E (HDUS)		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Shelterwood	Tree Length or Full Tree	None	Natural	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	MWUS-nat-MWUS-E	<b>Silvicultural System</b>	Shelterwood
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Current Condition		Future Condition		Regeneration Standards
Forest Unit (MWUS)	Ecosite(s)	Forest Unit	Stand Characteristics	
MWUS - MWUS Mixedwood Shelterwood	"Fresh, Sandy or Coarse Loamy Ecosites 55, 50, 54, and 48"	MWUS	Species Composition: BW 26CE 14SW 10MH 9PW 9MS 7SB 7YB 7BF 5PO 5PR 1 Site Class: 2 Stocking: 0.72	Target Species Composition: BW 25% CE 15% Target Site Occupancy: 1000 WD stems/ha  Site Occupancy Definition: 1:4 m2 Target Effective Density: 1300 stems/ha  Minimum Height: 1m  Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success Establishment survey: By year 10
Additional Information		Development Information		
Species Composition: Bw26 Ce14 Sw10 Pw9 Mh9 Sb7 Yb7Ms7 Bf5 Site Class: 2 Stocking: 0.82 Operable Age: 90		Growth Type: Natural Regeneration Next Entry: At age 110 (20 years) Silvicultural Stratam: MWUS (MWUS-E)		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Shelterwood	Tree Length or Full Tree	None	Natural	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	MWUS-E-nat-MWUS	<b>Silvicultural System</b>	Shelterwood
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Current Condition		Future Condition		Regeneration Standards
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	
MWUS - MWUS Mixedwood Shelterwood	"Fresh, Sandy or Coarse Loamy Ecosites 55, 50, 54, and 48"	MWUS	Species Composition: Bw26 Ce14 Sw10 Pw9 Mh9 Sb7 Yb7Ms7 Bf5 Site Class: 2 Stocking: 0.82	Target Species Composition: BW 50% Target Site Occupancy: 1000 WD stems/ha  Site Occupancy Definition: 1:8 m2 Target Effective Density: 3000 stems/ha  Minimum Height: 1m  Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success Establishment survey: By year 10
Additional Information		Development Information		
Species Composition: BW 26CE 14SW 10MH 9PW 9MS 7SB 7YB 7BF 5PO 5PR 1 Site Class: 2 Stocking: 0.72 Operable age: 100y (Regen 10-20y) Site Occupancy: 1:4 m2		Growth Type: Natural Regeneration Min Operable Age: 90y MMV Target: 72 m3/ha at 125y Silvicultural Stratum: MWUS-E (MWUS)		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Shelterwood	Tree Length or Full Tree	None	Natural	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	OAK-nat-OAK-E	<b>Silvicultural System</b>	Shelterwood
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Current Condition		Future Condition		Regeneration Standards
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	
HDUS1-OAK -Red Oak	Fresh, Sandy or Coarse Loamy Ecosites 58 and 55	OAK	Species Composition: QR43 MS18 BW13 MH10 PW8 PO5 BF3 Site Class: 2.3 Stocking: 0.77	Target Species Composition: QR 40% Target Site Occupancy: 1000 WD stems/ha Site Occupancy Definition: 1:4 m2 Target Effective Density: 1300 stems/ha Minimum Height: 1m Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success Establishment survey: By year 10
Additional Information		Development Information		
Species Composition: QR 39PW 23MH 18SB 7YB 7BW 2MS 2PO 2 Site Class: 2.3 Stocking: 0.8 Operable Age: 100		Growth Type: Natural Regeneration Next Entry: At age 120 (20 years) Silvicultural Stratrum: OAK (OAK-E)		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Shelterwood	Tree Length or Full Tree	None	Natural	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	OAK-E-nat-OAK	<b>Silvicultural System</b>	Shelterwood
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Current Condition		Future Condition		Regeneration Standards
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	
HDUS1-OAK -Red Oak	Fresh, Sandy or Coarse Loamy Ecosites 58 and 55	MWUS	Species Composition: QR 39PW 23MH 18SB 7YB 7BW 2MS 2PO 2 Site Class: 2.3 Stocking: 0.8	Target Species Composition: Qr 50% Target Site Occupancy: 1000 WD stems/ha  Site Occupancy Definition: 1:8 m2 Target Effective Density: 3000 stems/ha  Minimum Height: 1m  Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h) -Monitoring program for silviculture success Establishment survey: By year 10
Additional Information		Development Information		
Species Composition: QR43 MS18 BW13 MH10 PW8 PO5 BF3 Site Class: 2.3 Stocking: 0.77 Operable age: 120y (Regen 10-20y) Site Occupancy: 1:4 m2		Growth Type: Natural Regeneration Min Operable Age: 100y NMV Target: 123 m3/ha at 245y Silvicultural Stratum: OAK-E (OAK)		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Shelterwood	Tree Length or Full Tree	None	Natural	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	PWUSH-E-nat-PWUSH	<b>Silvicultural System</b>	Shelterwood
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Current Condition		Future Condition		Regeneration Standards
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	
PWUS - PWUSH White Pine- Hardwood Shelterwood	Fresh, Sandy or Coarse Loamy 48	PWUSH	Species Composition: Pw29 Bw20 Sb12 Po8 Sw7 Pr5 Ms5Bf4 Ce4 Pj3 Yb2 Mh1 Site Class: 1.9 Stocking: 0.76	Target Species Composition: PW 50% Target Site Occupancy: 1000 WD stems/ha  Site Occupancy Definition: 1.8 m2 Target Effective Density: 3000 stems/ha  Minimum Height: 1m  Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success Establishment survey: By year 10
<b>Additional Information</b>				
<b>Development Information</b>				
Growth Type: Natural Regeneration Min Operable Age: 100y NMV Target: 209 m3/ha at 125y Silvicultural Stratum: OAK-E (OAK)				
Species Composition: PW29 BW20 SB12 PO8 SW7 MS5 PR5 BF4 CE4 PJ3 BY2 MH1 Site Class: 2 Stocking: 0.65 Operable age: 120y (Regen 10-20y) Site Occupancy: 1:4 m2				

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Shelterwood	Tree Length or Full Tree	None	Natural	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	PWUSC-nat-PWUSC-E	<b>Silvicultural System</b>	Shelterwood
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Current Condition		Future Condition		Regeneration Standards
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	
(PWUSC) PWUSC - PWUSC - White Pine-Conifer Shelterwood	Fresh, Sandy or Coarse Loamy 48	PWUSC	Species Composition: PW28 PR18 SB18 BW13 PJ5 PO5 BF4 CE3 SW3 MS2 MH1 Site Class: 1.8 Stocking: 0.65	Target Species Composition: PW 30%, (PR + SB) > 30% Target Site Occupancy: 1000 WD stems/ha  Site Occupancy Definition: 1:4 m2 Target Effective Density: 1300 stems/ha  Minimum Height: 2m  Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success Establishment survey: By year 10
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: Pw28 Sb18 Pr18 Bw13 Pj5 Po5 Bf4Sw3 Ce3 Ms2 Mh1 Site Class: 1.8 Stocking: 0.78 Operable Age: 100		Growth Type: Natural Regeneration Next Entry: At age 120 (20 years) Silvicultural Stratam: PWUSC (PWUSC-E)		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Shelterwood	Tree Length or Full Tree	None	Natural	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	Mechanical	N/A	Mechanical

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	PWUSC-E-nat-PWUSC	<b>Silvicultural System</b>	Shelterwood
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Current Condition		Future Condition		Regeneration Standards
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	
(PWUSC) PWUSC - PWUSC - White Pine-Conifer Shelterwood	Fresh, Sandy or Coarse Loamy 48	PWUSC	Species Composition: Pw28 Sb18 Pr18 Bw13 Pj5 Po5 Bf4Sw3 Ce3 Ms2 Mh1 Site Class: 1.8 Stocking: 0.78	Target Species Composition: PW 50% Target Site Occupancy: 1000 WD stems/ha  Site Occupancy Definition: 1.8 m2 Target Effective Density: 3000 stems/ha  Minimum Height: 1m  Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h) -Monitoring program for silviculture success Establishment survey: By year 10
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: PW28 PR18 SB18 BW13 PJ5 PO5 BF4 CE3 SW3 MS2 MH1 Site Class: 1.8 Stocking: 0.65 Operable age: 120y (Regen 10-20y) Site Occupancy: 1:4 m2		Growth Type: Natural Regeneration Min Operable Age: 100y NMV Target: 196 m3/ha at 155y Silvicultural Stratrum: PWUS-E (PWUS)		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Shelterwood	Tree Length or Full Tree	None	Natural	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	PWUS4-nat-PWUS4-E	<b>Silvicultural System</b>	Shelterwood
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Current Condition		Future Condition		Regeneration Standards
<b>Forest Unit</b> (PWUSC)  PWUS - PWUS4 White Pine 4-cut Shelterwood	<b>Ecosite(s)</b>  Fresh, Sandy or Coarse Loamy 48	<b>Forest Unit</b>  PWUS4	<b>Stand Characteristics</b>  <i>Species Composition:</i> PW 68BW 7PO 7MS 6PR 6CE 4SB 2 <i>Site Class:</i> 2 <i>Stocking:</i> 0.65	<i>Target Species Composition:</i> PW 50% <i>Target Site Occupancy:</i> 1000 WD stems/ha  <i>Site Occupancy Definition:</i> 1:4 m2 <i>Target Effective Density:</i> 1300 stems/ha  <i>Minimum Height:</i> 2m  <i>Establishment Year:</i> > 7 years Post-harvest <i>Assessment Method:</i> See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success <i>Establishment survey:</i> By year 10
<b>Additional Information</b>  <i>Species Composition:</i> Pw49 Bw13 Sb12 Pr11 Po5 Pj2 Sw2Bf2 Ms2 Mh1 Ce1 <i>Site Class:</i> 2 <i>Stocking:</i> 0.76 <i>Operable Age:</i> 100		<b>Development Information</b>  <i>Growth Type:</i> Natural Regeneration <i>Next Entry:</i> At age 110 (10 years) <i>Silvicultural Stratrum:</i> PWUS4 (PWUS4-E)		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Shelterwood	Tree Length or Full Tree	None	Natural	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	Mechanical	N/A	Mechanical

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	PWUS4-E-nat-PWUS4-B	<b>Silvicultural System</b>	Shelterwood
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Current Condition		Future Condition		Regeneration Standards
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	
PWUS - PWUS4 White Pine 4-cut Shelterwood	Fresh, Sandy or Coarse Loamy 48	PWUS4	Species Composition: PW 49BW 13SB 12PR 11PO 5BF 2MS 2PJ 2SW 2CE 1MH 1 Site Class: 2 Stocking: 0.8	Target Species Composition: PW 50% Target Site Occupancy: 500 WD stems/ha  Site Occupancy Definition: 1.8 m2 Target Effective Density: 100 stems/ha  Minimum Height: 4m  Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h) -Monitoring program for silviculture success Establishment survey: By year 10
Additional Information		Development Information		
Species Composition: PW 68BW 7PO 7MS 6PR 6CE 4SB 2 Site Class: 2 Stocking: 0.65 Operable age: 110y (Regen 10-20y) Site Occupancy: 1:4 m2		Growth Type: Natural Regeneration Next Entry: At age 120 (10 years) Silvicultural Stratrum: PWUS4-E (PWUS4-B)		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Shelterwood	Tree Length or Full Tree	None	Natural	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Temagami Management Unit  
 PLAN PERIOD: April 1, 2019 TO March 31, 2029  
 FMP-4 SILVICULTURAL GROUND RULES

<b>SGR Code</b>	PWUS4-B-nat-PWUS4	<b>Silvicultural System</b>	Shelterwood
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Current Condition		Future Condition		Regeneration Standards
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	
(PWUSC) PWUS - PWUS4 White Pine 4-cut Shelterwood	Fresh, Sandy or Coarse Loamy 48	PWUS4	Species Composition: Pw49 Bw13 Sb12 Pr11 Po5 Pj2 Sw2Bf2 Ms2 Mh1 Ce1 Site Class: 2 Stocking: 0.76	Target Species Composition: PW 50% Target Site Occupancy: 1000 WD stems/ha  Site Occupancy Definition: 1:8 m2 Target Effective Density: 3000 stems/ha  Minimum Height: 1m  Establishment Year: > 7 years Post-harvest Assessment Method: See Supplementary documentation section (6.1(h)) -Monitoring program for silviculture success Establishment survey: By year 10
<b>Additional Information</b>		<b>Development Information</b>		
Species Composition: PW 49BW 13SB 12PR 11PO 5BF 2MS 2PJ 2SW 2CE 1MH 1 Site Class: 2 Stocking: 0.8 Operable age: 120y (Regen 10-20y) Site Occupancy: 1:8 m2		Growth Type: Natural Regeneration Min Operable Age: 100y NMV Target: 259 m3/ha at 135y Silvicultural Stratrum: PWUS-E (PWUS)		

Silvicultural Treatments					
	Harvest method	Logging Method	Site Preparation	Regeneration	Tending
<b>Most Common Treatment Package</b>	Shelterwood	Tree Length or Full Tree	None	Natural	None
<b>Acceptable Alternative Treatments</b>	N/A	N/A	N/A	N/A	N/A

1        **FMP-5 Post Renewal Transition Rule**  
2





1 **FMP-8 Projected Available Harvest Area by Forest Unit**  
2

MANAGEMENT UNIT NAME: TEMAGAMI MANAGEMENT UNIT

PLAN PERIOD: April 1, 2019 to March 31, 2029

**FMP-8: Projected Available Harvest Area by Forest Unit**

Forest Unit	Area (ha)									
	2019	2039	2059	2079	2099	2119	2159	2209		
<b>LSA Strategic Management Zones</b>										
PR	2.1	3.0	4.4	6.3	9.1	5.8	2.4	0.8		
PWUS	47.4	68.3	98.3	141.5	91.7	58.7	24.0	7.9		
PWST	119.6	172.2	127.2	144.8	128.8	140.4	245.6	217.8		
PWUSC	37.5	54.0	77.8	112.0	161.3	154.9	150.9	104.9		
PJ1	23.3	33.6	48.4	57.0	40.5	32.4	47.2	117.4		
PJ2	50.2	47.9	46.0	66.3	90.7	58.1	41.0	95.7		
MCL	73.7	58.7	66.6	49.6	58.7	54.2	33.1	80.1		
SB	13.7	8.8	5.6	4.0	5.7	3.6	6.2	15.4		
SP1	230.8	147.7	103.7	77.2	111.1	160.0	184.4	351.7		
SF	493.5	362.6	235.7	168.8	243.1	317.3	191.8	297.5		
HDUS1	53.4	64.5	92.8	94.0	100.8	110.4	102.6	202.9		
MWCC	847.6	542.9	431.1	413.7	319.1	338.4	351.2	318.6		
BW	282.7	303.1	222.5	142.4	128.6	123.5	50.6	34.0		
PO	9.1	13.2	19.0	27.3	39.3	56.6	117.4	240.7		
MWUS	127.1	151.4	120.4	162.6	194.1	187.0	185.3	175.5		
Subtotal	2,412	2,032	1,699	1,667	1,723	1,801	1,733	2,261		

1       **FMP-9: Projected Available Harvest Volume by Species Group**  
2       **and Broad Size or Product Group**  
3

FMP-9: Projected Available Harvest Volume by Species Group and Broad Size or Product Group

Species Group	Size or Product Group	Available Harvest Volume (m <sup>3</sup> )									
		2,019	2039	2059	2079	2099	2119	2159	2209		
<b>Land Set Aside (LSA) Strategic Management Zone</b>											
Spruce Pine Fir (SPF)	Pulp	27,788	22,583	19,120	18,846	20,443	21,634	20,659	28,451		
	Saw	65,608	53,608	45,775	45,991	49,509	46,835	46,339	66,312		
	Vener	704	519	338	248	307	44	6	27		
	Pole	2,886	2,324	2,495	2,495	2,604	2,233	2,308	3,921		
	Species Group Subtotal	96,986	79,034	67,592	67,581	72,863	70,745	69,312	98,710		
Poplar (Po)	Pulp	26,411	21,511	19,519	21,789	21,942	22,442	26,850	45,046		
	Saw	549	340	251	204	88	113	2,592	2,271		
	Vener	1,389	1,131	1,027	1,146	1,155	1,181	1,406	2,365		
	Pole	-	-	-	-	-	-	-	-		
	Species Group Subtotal	28,349	22,983	20,796	23,139	23,185	23,736	30,848	49,681		
Birch (Bw)	Pulp	16,124	13,404	11,203	11,099	9,781	7,923	7,461	7,638		
	Saw	22,171	18,430	15,405	15,261	13,449	10,894	10,258	10,502		
	Vener	2,016	1,675	1,400	1,387	1,223	990	933	955		
	Pole	-	-	-	-	-	-	-	-		
	Species Group Subtotal	40,311	33,510	28,008	27,747	24,453	19,807	18,652	19,094		
Other Conifer (OC)	Pulp	-	-	-	-	-	-	-	-		
	Saw	947	791	807	578	695	605	514	968		
	Vener	-	-	-	-	-	-	-	-		
	Pole	-	-	-	-	-	-	-	-		
	Species Group Subtotal	947	791	807	578	695	605	514	968		
Cedar (Ce)	Pulp	6,638	5,394	4,369	4,004	4,194	4,481	3,487	4,807		
	Saw	9,957	8,091	6,553	6,005	6,290	6,722	5,231	7,210		
	Vener	-	-	-	-	-	-	-	-		
	Pole	-	-	-	-	-	-	-	-		
	Species Group Subtotal	16,594	13,484	10,922	10,009	10,484	11,203	8,718	12,017		
Tolerant Hardwoods (TolHwd)	Pulp	1,172	1,211	1,046	1,134	942	954	1,121	1,347		
	Saw	8,033	7,550	6,229	7,064	6,153	7,378	7,061	11,329		
	Vener	-	-	-	-	-	-	-	-		
	Pole	-	-	-	-	-	-	-	-		
	Species Group Subtotal	9,205	8,760	7,275	8,199	7,095	8,332	8,182	12,677		
White and Red Pine (PWPR)	Pulp	15,691	15,588	15,449	14,796	14,544	14,778	14,992	15,296		
	Saw	31,922	31,879	31,824	31,606	31,523	31,599	31,674	31,785		
	Vener	-	-	-	-	-	-	-	-		
	Pole	2,387	2,533	2,727	3,598	3,933	3,624	3,334	2,919		
	Species Group Subtotal	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000		
	Strategic Management Zone Subtotal	242,392	208,562	185,401	187,253	188,776	184,429	186,227	243,147		

1        **FMP-10: Assessment of Objective Achievement**  
2  
3

MANAGEMENT UNIT NAME: TEMAGAMI MANAGEMENT UNIT  
 PLAN PERIOD: April 1, 2019 to March 31, 2029  
 FMP-10: Assessment of Objective Achievement

Management Objective	Indicator(s)	Plan Start Level	Desirable Level	Timing of Assessment	Target	LTMD - Projection					Assessment
						Short 10yr	Medium 20yr	Long		200yr	
								100 yr	150yr		
<b>Lands Set Aside Objectives</b>											
<b>Management Objective 23</b> To build youth capacity by training and enabling youth to participate in a diversity of opportunities in silviculture, harvest, access and monitoring activities on or nearby to the Land set aside that allows an individual to see the full suite of management activities within the 10 year plan.	Number of field trips or training opportunities carried out  Distribution of harvest and renewal activities	none  NA	one/year locations of activities such that the community may take advantage of local training opportunities	Year 6 and Year 10 Annual Reports  Stage 3 - Planned Operations, Year 6 and Final Year AR	one/year  NA	NA	NA	NA	NA	NA	TBD
Forestry programs established within the community	No program established		Have a program in place that allows the community to accommodate the level of interest within the community	Year 6 and Year 10 Annual Reports	NA	NA	NA	NA	NA	NA	A youth forestry program has been established for the summer of 2018
<b>Management Objective 24</b> To ensure conifer habitat is evaluated and considered and improve the quality of habitat within moose emphasis areas where needed through forest management activities	Structure and Composition of Moose Emphasis Area FOUR: browse-producing habitat  Structure and Composition of Moose Emphasis Area FIVE: mature conifer dominated  Structure and Composition of Moose Emphasis Area FOUR: Hardwood/Mixedwood dominated	1%  52%  10%	5-30%  15-35%  20-55%	Stage 3 - Planned Operations, Final Year AR  Stage 3 - Planned Operations, Final Year AR  Stage 3 - Planned Operations, Final Year AR	7%  48%  40%	NA	NA	NA	NA	NA	The quality of the Moose habitat is increased because the proportions of browse producing habitat within the MEA has increased within desired level.  The quality of the Moose habitat was improved because the proportions of mature conifer habitat continued to decrease towards beyond the desired level.  The quality of the Moose habitat is maintained because the proportions of hardwood/mixedwood conifer habitat was maintained within the desired level.
See Indicator for Management Objective 1 Hectares of Tolerant Hardwood Landscape Class	See Plan Start level for Management Objective 1		See Desired Levels for Management objective 1	Stage 2 - LTMD Development	Contribute to objective 1 target	NA	NA	NA	NA	NA	NA

MANAGEMENT UNIT NAME: TEMAGAMI MANAGEMENT UNIT  
 PLAN PERIOD: April 1, 2019 to March 31, 2029  
 FMP-10: Assessment of Objective Achievement

Management Objective	Indicator(s)	Plan Start Level	Desirable Level	Timing of Assessment	Target	LTMD - Projection				Assessment
						Short 10yr	Medium 20yr	100 yr	Long 150yr 200yr	
<b>Management Objective 25</b> To make contributions to forest management activities that enhance forest structure, composition, texture and patch size that provide for the long-term health of forest ecosystems and associated wildlife species by applying the Landscape Guide within the LSA	See Indicator for Management Objective 1: Hectares of Intolerant hardwood Landscape Class	See Plan Start level for Management Objective 1	See Desired Levels for management objective 1	Stage 2 - LTMD Development	Contribute to objective 1 target	NA	NA	NA	NA	NA
	See Indicator for Management Objective 1: Hectares of White pine mixedwood Landscape Class	See Plan Start level for Management Objective 1	See Desired Levels for management objective 1	Stage 2 - LTMD Development	Contribute to objective 1 target	NA	NA	NA	NA	NA
	See Indicator for Management Objective 1: Hectares of Mixedwood Landscape Class	See Plan Start level for Management Objective 1	See Desired Levels for management objective 1	Stage 2 - LTMD Development	Contribute to objective 1 target	NA	NA	NA	NA	NA
	See Indicator for Management Objective 1: Hectares of Mixed Pine Landscape Class	See Plan Start level for Management Objective 1	See Desired Levels for management objective 1	Stage 2 - LTMD Development	Contribute to objective 1 target	NA	NA	NA	NA	NA
	See Indicator for Management Objective 1: Hectares of Spruce-Fir-Cedar Landscape Class	See Plan Start level for Management Objective 1	See Desired Levels for management objective 1	Stage 2 - LTMD Development	Contribute to objective 1 target	NA	NA	NA	NA	NA
See Indicator for Management Objective 1: Hectares of Old Growth Forest by Planning Forest Units	See Plan Start level for Management Objective 1	See Desired Levels for management objective 1	Stage 2 - LTMD Development	Contribute to objective 1 target	Contribute to objective 1 target	NA	NA	NA	NA	NA
See Indicator for Management Objective 1: Area of Red and White Pine	See Plan Start level for Management Objective 1	See Desired Levels for management objective 1	Stage 2 - LTMD Development	Contribute to objective 1 target	Contribute to objective 1 target	NA	NA	NA	NA	NA

MANAGEMENT UNIT NAME: TEMAGAMI MANAGEMENT UNIT  
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 FMP-10: Assessment of Objective Achievement

Management Objective	Indicator(s)	Plan Start Level	Desirable Level	Timing of Assessment	Target	LTMD - Projection				Assessment
						Short 10yr	Medium 20yr	100 yr	Long 150yr 200yr	
<b>Management Objective 26</b> To provide an accessible and available wood supply so that Temagami First Nation can benefit from all forest management activities (harvest and renewal) on the Lands set aside.	See Indicator for Management Objective 1 (Young Forest)	See Plan Start level for management Objective 1	See Desired Levels for management objective 1	See Timing for management objective 1	NA	NA	NA	NA	NA	NA
	See Indicator for Management objective 1 (Texture of Mature and Old Forest - (Proportion of 500 ha Heegon))	See Plan Start level for Management Objective 1	See Desired Levels for management objective 1	See Timing for management objective 1	Contribute to objective 1 target	NA	NA	NA	NA	NA
	See Indicator for Management objective 1 (Texture of Mature and Old Forest - (Proportion of 5000 ha Heegon))	See Plan Start level for Management Objective 1	See Desired Levels for management objective 1	See Timing for management objective 1	Contribute to objective 1 target	NA	NA	NA	NA	NA
	See Indicator for Management objective 1 (Patch size of Young Forest - (patch size class))	See Plan Start level for Management Objective 1	See Desired Levels for management objective 1	See Timing for management objective 1	Contribute to objective 1 target	NA	NA	NA	NA	NA
	MCL - 7.4	7.4	7.4	7.4	7.4	6.4	5.4	3.3	8.0	Desirable and target levels were achieved
	MWCC - 84.8	84.8	84.8	84.8	84.8	67.9	33.8	35.1	31.9	Desirable and target levels were achieved
	MWUS - 12.7	12.7	12.7	12.7	12.7	15.3	18.7	18.5	17.5	Desirable and target levels were achieved
	PO - 0.9	0.9	0.9	0.9	0.9	1.1	5.7	11.7	24.1	Desirable and target levels were achieved
	BW - 28.3	28.3	28.3	28.3	28.3	33.9	12.3	5.1	3.4	Desirable and target levels were achieved
	PR - 0.2	0.2	0.2	0.2	0.2	0.3	0.6	0.2	0.1	Desirable and target levels were achieved
	PWUS - 4.7	4.7	4.7	4.7	4.7	5.7	5.9	2.4	0.8	Desirable and target levels were achieved
	PWST - 12.0	12.0	12.0	12.0	12.0	14.3	14.0	24.6	21.8	Desirable and target levels were achieved
	PJ1 - 2.6	2.3	2.3	2.3	2.3	2.8	3.2	4.7	11.7	Desirable and target levels were achieved
	PJ2 - 5.0	5.0	5.0	5.0	5.0	4.0	5.8	4.1	9.6	Desirable and target levels were achieved
	SP1 - 23.1	23.1	23.1	23.1	23.1	18.5	16.0	18.4	35.2	Desirable and target levels were achieved
SF - 49.3	49.3	49.3	49.3	49.3	44.4	31.7	19.2	29.8	Desirable and target levels were achieved	
PWUSC - 3.8	3.8	3.8	3.8	3.8	4.5	15.5	15.1	10.5	Desirable and target levels were achieved	
SB - 1.4	1.4	1.4	1.4	1.4	1.1	0.4	0.6	1.5	Desirable and target levels were achieved	
HDSU1 - 5.3	5.3	5.3	5.3	5.3	6.1	11.0	10.3	20.3	Desirable and target levels were achieved	
Total Forest Unit Annual Harvest Area - 241.2	241.2	241.2	241.2	241.2	226.2	180.1	173.3	226.1	Desirable and target levels were achieved	

MANAGEMENT UNIT NAME: TEMAGAMI MANAGEMENT UNIT  
 PLAN PERIOD: April 1, 2019 to March 31, 2029  
 FMP-10: Assessment of Objective Achievement

Management Objective	Indicator(s)	Plan Start Level	Desirable Level	Timing of Assessment	Target	LTMD - Projection					Assessment
						Short 10yr	Medium 20yr	100 yr	150yr	200yr	
Long Term Projected annual Available Harvest Volume (m3/yr) by Species Group for the USA Strategic Management Zones	Birch - 4,031.1	4,031.1	4,031.1	Stage 2 - LTMD Development	4,031.1	4,031.1	3,723.3	2,201	1,865	1,909	Desirable and target levels were achieved
	Pine - 2,834.9	2,834.9	2,834.9	Stage 2 - LTMD Development	2,834.9	2,834.9	2,551.4	2,550	3,085	4,968	Desirable and target levels were achieved
	SPF - 9,698.6	9,698.6	9,698.6	Stage 2 - LTMD Development	9,698.6	9,698.6	8,781.6	6,813	6,931	9,871	Desirable and target levels were achieved
	Tolerant Hardwood - 769.3	769.3	769.3	Stage 2 - LTMD Development	769.3	769.3	700.9	706	752	1,210	Desirable and target levels were achieved
	PWFR - 5,000.0	5,000.0	5,000.0	Stage 2 - LTMD Development	5,000.0	5,000.0	5,000.0	5,000	5,000	5,000	Desirable and target levels were achieved
	Cedar - 1,659.4	1,659.4	1,659.4	Stage 2 - LTMD Development	1,659.4	1,659.4	1,493.5	1,153	872	1,202	Desirable and target levels were achieved
	Total Species Group Annual Harvest Volume - 23,993	23,993.0	23,993.0	Stage 2 - LTMD Development	24,086.0	24,086.0	22,331.9	18,504	18,557	24,160	Desirable and target levels were achieved

Management Objective	Indicator(s)	Plan Start Level	Desirable Level	Timing of Assessment	Target	L TMD - Projection					Assessment
						Short 10yr	Medium 20yr	100 yr	150yr	200yr	
		MCL - 0	100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		MWCC - 0	100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		MWUS - 0	100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		PO - 0	100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		BW - 0	100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		PR - 0	100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		PWUS - 0	100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		PWST - 0	100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		PJ1 - 0	100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		PJ2 - 0	100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		SP1 - 0	100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		SF - 0	100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		PWUSC - 0	100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		SB - 0	100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		HDUS1 - 0	100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		Total - 0	100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		NA	100%	Annual reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		Birch - 0	=<100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		Poplar - 0	=<100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		SPF - 0	=<100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		Inolept Hardwood - 0	=<100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		PWPR - 0	=<100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		Cedar - 0	=<100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		Total - 0	=<100%	Year 5 and Year 10 Annual Reports	50 - 100%	TBD	NA	NA	NA	NA	TBD
		40%	100%	Annual reports	Increasing to within 50 - 100%	TBD	NA	NA	NA	NA	TBD
			Documented use	Stage 3 - Planned Operations	Documented use	TBD	NA	NA	NA	NA	Use of third party tools to develop allocations was applied. The eFR validation project datasets and products created by Skyforest using up to date satellite information was supplied during the allocation process. This allowed for another suite of information products in a raster format to supplement the information in the polygons of the eFR/BMI. The target has been achieved and will continue to be assessed during FMP implementation. The objective has been achieved.
		NA	100%	Year 5 and Year 10 Annual Reports	90-100%	TBD	NA	NA	NA	NA	TBD
		NA	100%	Year 5 and Year 10 Annual Reports	90-100%	TBD	NA	NA	NA	NA	TBD
		NA	100%	Year 5 and Year 10 Annual Reports	90-100%	TBD	NA	NA	NA	NA	TBD

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 FMP-10: Assessment of Objective Achievement

Management Objective	Indicator(s)	Plan Start Level	Desirable Level	Timing of Assessment	Target	LTMD - Projection				Assessment
						Short 10yr	Medium 20yr	100 yr	Long 150yr 200yr	
<b>Management Objective 27</b> To utilize non-herbicide tools for silvicultural including fire and manual tending where appropriate as alternatives to herbicides and to increase the diversity within the community	Number of completed Silviculture projects involving the community	None	1 per year	Year 5 and Year 10 Annual Reports	As silviculturally relevant	TBD	NA	NA	NA	TBD
<b>Management Objective 28</b> To implement demonstration projects such as thinning, cleaning of forest within the LSA that provide for forest health, economic benefit and forest health.	Number of completed Silviculture projects involving the community	None	1 per year	Year 5 and Year 10 Annual Reports	As silviculturally relevant	TBD	NA	NA	NA	TBD
<b>Management Objective 29</b> To recognize, provide opportunity and coordinate the harvest of non-wood forest products such as medicinal and aromatic plants for the benefit of TFN/TAA (Qualitative)										Year 5 and Year 10 Annual Reports
<b>Management Objective 30</b> To communicate and brand forest management related activities in a positive and forward-thinking manner that promotes the cultural identity, economic wellbeing and employment of First Nations people and traditional lands. (Qualitative)										Year 5 and Year 10 Annual Reports

1        **FMP-12: Planned Harvest Area**  
2

MANAGEMENT UNIT NAME: TEMAGAMI MANAGEMENT UNIT

PLAN PERIOD: April 1, 2019 to March 31, 2029

**FMP-12: Planned Harvest Area**

Forest Unit	Analysis Unit	Available Harvest Area (ha)	Age Class or Stage of Management and Age Class	Planned Harvest Area 10 Year (ha)	
<b>Land Set Aside (LSA) Strategic Management Zone</b>					
<b>BW</b>	<b>BW</b>	108 21 93 60	<b>A65</b>	20	
			<b>A75</b>	12	
			<b>A85</b>	56	
			<b>A95</b>	39	
			<b>A105</b>		
			<b>A115</b>	54	
			<b>A135</b>	26	
<b>BW Subtotal</b>		<b>283</b>		<b>207</b>	
<b>HDUS1</b>	<b>BY</b>	14 19	<b>A85</b>	3	
			<b>A95</b>		
			<b>A105</b>		
	<b>BY Subtotal</b>		<b>33</b>		<b>3</b>
	<b>HDSL1</b>	13	<b>A95</b>	43	
	<b>HDSL1 Subtotal</b>		<b>13</b>		<b>43</b>
<b>HDUS</b>	8	<b>A85</b>	7		
<b>HDUS Subtotal</b>		<b>8</b>		<b>7</b>	
<b>MCL</b>	<b>LC</b>	23	<b>A105</b>	14	
			<b>A115</b>		
			<b>A125</b>		
	<b>LC Subtotal</b>		<b>23</b>		<b>14</b>
	<b>CE</b>	50	<b>A85</b>	1	
<b>A95</b>			6		
<b>A105</b>			5		
<b>A115</b>			10		
<b>A135</b>			33		
<b>CE Subtotal</b>		<b>50</b>		<b>56</b>	

MANAGEMENT UNIT NAME: TEMAGAMI MANAGEMENT UNIT

PLAN PERIOD: April 1, 2019 to March 31, 2029

**FMP-12: Planned Harvest Area**

Forest Unit	Analysis Unit	Available Harvest Area (ha)	Age Class or Stage of Management and Age Class	Planned Harvest Area 10 Year (ha)
MWCC	LWMW	103	A55	14
			A65	
			A75	
			A85	11
			A95	
			A105	3
			A125	
	A135	16		
	A155	23		
	<b>LWMW Subtotal</b>	<b>145</b>		<b>67</b>
	MWD	245	A75	49
			A85	14
A95				
A105			131	
A135			73	
	83			
	10	A145		
<b>MWD Subtotal</b>	<b>338</b>		<b>267</b>	
MWR	313	A75	89	
		A85	18	
		A115	95	
		A125	181	
		A135		
	20	A145	31	
	32			
<b>MWR Subtotal</b>	<b>365</b>		<b>412</b>	
MWUS	MWUS	127	A75	
			A85	28
			A95	15
			A105	75
			A125	
			A135	19
<b>MWUS Subtotal</b>	<b>127</b>			<b>137</b>
PJ1	PJ1	23	A85	17
	<b>PJ1 Subtotal</b>	<b>23</b>		<b>17</b>
PJ2	PJ2	50	A95	12
			A105	39
			<b>PJ2 Subtotal</b>	<b>50</b>
PO	PO	9	A135	10
	<b>PO Subtotal</b>	<b>9</b>		<b>10</b>
PR	PR	2	A85	2
	<b>PR Subtotal</b>	<b>2</b>		<b>2</b>

MANAGEMENT UNIT NAME: TEMAGAMI MANAGEMENT UNIT

PLAN PERIOD: April 1, 2019 to March 31, 2029

**FMP-12: Planned Harvest Area**

Forest Unit	Analysis Unit	Available Harvest Area (ha)	Age Class or Stage of Management and Age Class	Planned Harvest Area 10 Year (ha)
PWST	PWST	36	A75	52
		48	A85	20
		22	A95	5
		14	A105	32
			A125	12
			A135	21
	<b>PWST Subtotal</b>	<b>120</b>		<b>143</b>
PWUS	PWUS4		A105	23
	<b>PWUS4 Subtotal</b>	-		<b>23</b>
	PWUSH	17	A75	
		30	A85	
<b>PWUSH Subtotal</b>	<b>47</b>	A105	38	
PWUSC	PWUSC	38	A75	25
			A95	40
			A105	12
			A125	8
			A155	16
	<b>PWUSC Subtotal</b>	<b>38</b>		<b>101</b>
SB	SB	3	A105	9
		11	A115	
		A125		
<b>SB Subtotal</b>	<b>14</b>		<b>9</b>	
SF	SF		A95	15
			A105	156
			A115	12
		72	A125	68
	421	A135	213	
<b>SF Subtotal</b>	<b>493</b>		<b>465</b>	
SP1	SP1		A85	11
			A105	70
		31	A115	13
		90	A125	57
		96	A135	73
	14	A155	14	
<b>SP1 Subtotal</b>	<b>231</b>		<b>238</b>	
<b>LSA Subtotal</b>		<b>2,412</b>		<b>2,312</b>

1 **FMP-13: Planned Harvest Volume by Species**  
2

FMP-13: Planned Harvest Volume by Species

Forest Unit	Analysis Unit	Volume Type	10-Year Available Harvest Volume (m³)										10-Year Planned Harvest Volume (m³)					Total		
			Conifer					Hardwood					Conifer						Hardwood	
Land Set Aside (LSA) Strategic Management Zone			PW	PR	PJ	PJ	SB	SW	CW	BF	LA	Subtotal	PO	BW	OH	Subtotal	PO	BW	OH	Subtotal
Net			9,064	18,241	4,571	321	634	709	-	497	-	6,731	4,387	3,702	1,240	9,330	4,387	3,702	1,240	9,330
BW	BY	963	633	23	-	30	25	-	15	-	94	-	-	-	36	-	-	-	36	16,061
HDUS1	HDLS1	115	174	184	-	-	94	-	79	-	357	-	-	-	782	-	-	-	959	1,317
	HDLS2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	HDUS	73	167	-	-	-	-	16	-	-	16	-	81	23	83	-	-	-	188	203
	OAK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MCL	LC	2,037	52	-	-	588	-	-	153	-	939	-	-	-	-	-	-	-	-	939
	CE	3,176	190	65	-	697	-	36	2,159	84	3,041	49	44	30	122	-	-	-	122	3,164
	LWMMW	5,352	4,718	29	-	544	-	228	830	-	1,631	888	576	271	1,735	-	-	-	3,367	3,367
MWCC	MWD	13,872	6,707	6,958	1,673	4,756	548	559	368	-	16,798	3,171	2,706	353	6,231	-	-	-	23,029	23,029
	MWR	11,712	9,974	3,453	-	1,254	1,837	1,109	1,971	-	15,737	8,624	5,542	1,620	15,786	-	-	-	31,523	31,523
MWUS	MWUS	2,174	2,008	2,281	410	475	672	107	668	-	4,612	244	1,604	588	2,437	-	-	-	7,048	7,048
	PJ1	2,798	106	-	987	153	-	-	-	-	1,140	-	-	-	-	-	-	-	-	1,140
	PJ2	4,342	346	495	27	2,934	739	-	61	-	4,195	16	433	-	449	-	-	-	4,645	4,645
	PO	286	949	-	-	-	-	-	36	-	97	512	49	18	659	-	-	-	1,188	1,188
	PR	561	11	-	444	-	-	-	36	-	444	-	-	-	18	-	-	-	462	462
	PWST	16,940	4,514	4,644	1,493	2,678	78	805	907	-	10,606	297	1,113	275	1,886	-	-	-	12,292	12,292
	PWOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	PWUS4	-	-	1,113	877	-	276	-	-	-	2,266	-	338	248	586	-	-	-	2,853	2,853
	PWUSH	3,389	1,367	272	1,210	522	348	101	-	-	2,453	372	478	48	897	-	-	-	3,350	3,350
	PWUSC	3,541	635	3,451	2,300	948	1,634	944	114	-	9,737	1,021	1,097	55	2,173	-	-	-	11,911	11,911
	SB	1,028	41	-	-	514	-	-	65	91	670	-	-	-	-	-	-	-	670	670
	SF	40,449	6,776	5,658	355	206	4,940	5,343	701	6,095	357	23,654	559	4,369	1,223	6,151	-	-	29,805	29,805
	SP1	20,507	2,599	501	2,022	5,115	7,104	1,216	264	92	16,314	1,360	1,885	12	3,257	-	-	-	19,571	19,571
	SP1	142,399	60,208	33,698	11,132	13,901	32,225	11,628	4,091	14,327	531	121,534	21,582	24,156	6,865	52,603	-	-	174,138	174,138
	Sub-Total	1,442	5,453	344	52	158	135	-	193	-	883	1,542	926	254	2,721	-	-	-	3,604	3,604
BW	BY	150	150	2	-	7	-	-	6	-	20	-	-	-	7	-	-	-	27	27
	HDLS1	19	41	14	-	-	18	-	31	-	63	-	-	-	204	-	-	-	267	267
HDUS1	HDLS2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	HDUS	17	45	-	-	-	-	-	1	-	1	-	29	6	17	-	-	-	51	51
	OAK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	CE	347	61	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	LC	409	18	-	-	174	-	12	840	24	1,045	17	11	6	34	-	-	-	1,079	1,079
	LWMMW	790	1,187	2	-	136	-	17	323	-	478	312	144	56	512	-	-	-	236	236
MWCC	MWD	1,874	1,931	524	272	215	1,189	104	42	143	2,490	1,114	677	72	1,863	-	-	-	990	990
	MWR	2,085	2,925	260	139	1,529	350	83	766	-	3,127	3,030	1,386	332	4,747	-	-	-	4,353	4,353
	MWUS	329	610	172	67	-	119	128	8	260	753	86	401	120	607	-	-	-	7,875	7,875
	PJ1	345	33	-	-	38	-	-	-	-	148	-	-	-	-	-	-	-	1,360	1,360
	PJ2	575	105	37	4	326	185	-	-	-	552	6	108	-	114	-	-	-	148	148
	PO	42	245	-	-	-	-	-	14	-	26	180	12	-	192	-	-	-	666	666
	PR	89	4	-	72	-	-	-	-	-	72	-	-	5	5	-	-	-	218	218
	PWST	2,327	1,337	350	243	670	15	61	353	-	1,690	104	278	56	439	-	-	-	2,130	2,130
	PWOR	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	PWUS4	-	-	84	143	69	-	-	-	-	296	-	85	51	135	-	-	-	431	431
	PWUSH	487	401	20	197	58	87	19	-	-	382	131	119	10	641	-	-	-	641	641
	PWUSC	548	187	260	374	105	409	180	9	135	1,471	359	274	11	644	-	-	-	2,115	2,115
	SB	237	13	-	-	129	-	-	-	25	180	-	-	-	180	-	-	-	180	180
	SF	6,507	2,103	426	58	23	1,235	1,018	53	2,370	101	5,283	196	1,092	1,539	-	-	-	8,822	8,822
	SP1	3,508	837	38	329	568	1,776	232	20	36	2,999	478	1,406	3	952	-	-	-	3,950	3,950
	Sub-Total	22,128	17,687	2,536	1,812	1,545	8,056	2,215	308	5,572	150	22,194	7,583	6,039	1,406	15,028	-	-	37,222	37,222
	LSA Subtotal	164,527	77,895	36,234	12,945	15,446	40,281	13,843	4,399	19,899	681	143,728	29,165	30,195	8,272	67,632	-	-	211,360	211,360

1  
2

## **FMP-14: Planned Harvest Volume and Wood Utilization**

**FMP-14: Planned Harvest Volume and Wood Utilization**

Licensee or Grouping	Planned Harvest Area (ha)	Utilization	Volume Type	Product	10-Year Available Harvest Volume																Total
					Conifer								Hardwood								
					PW	PR	PJ	PJ	SB	SW	CW	BF	LA	Subtotal	BW	PO	OH	Subtotal			
Land Set Aside (LSA) SMZ	2,412			Pulp	11,680	2,215	2,690	9,664	2,322	1,632	10,015	-	40,218	-	4,831	515	5,346	45,564			
				Sawlogs	22,006	6,703	9,731	22,561	9,306	2,459	4,312	-	77,078	-	13,286	5,666	18,952	96,029			
				OSB	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,047	25,047	
				Veneer	-	-	90	-	-	-	-	531	622	303	1,208	684	2,195	2,817	2,817		
				Poles	12	2,215	1,390	-	-	-	-	-	3,617	1,063	-	-	1,063	4,680	4,680		
				Biofibre	2,536	1,812	1,545	8,056	2,215	308	5,572	150	22,194	7,583	6,039	1,406	15,028	37,222			
				Subtotal	36,234	12,945	15,446	40,281	13,843	4,399	19,899	681	143,728	29,165	30,195	8,272	67,632	211,360			
				Net Merchantable	4,741	1,871	4,148	5,190	1,212	368	1,977	102	19,609	3,585	3,637	928	8,150	27,759			
				Utilized*	49,39	17,22	74,45	18,03	14,37	2,06	54,78	0,57	231	139,44	53,99	12,27	205,70	437			
				Subtotal	4,790	1,889	4,222	5,208	1,226	370	2,032	103	19,840	3,725	3,691	941	8,356	28,196			
Land Set Aside (LSA) SMZ				Net Merchantable	31,119.40	10,955.25	11,025.80	34,951.60	12,469.59	4,006.98	17,385.03	575.32	122,489	24,488.14	26,116.28	7,235.40	57,840	180,329			
				Utilized*	324.20	100.83	197.90	121.40	147.93	22.45	481.62	3.22	1,400	952.35	387.71	95.65	1,436	2,835			
				Subtotal	31,444	11,056	11,224	35,073	12,618	4,029	17,867	579	123,889	25,440	26,504	7,331	59,276	183,164			
				Unutilized	36,234	12,945	15,446	40,281	13,843	4,399	19,899	681	143,728	29,165	30,195	8,272	67,632	211,360			

\*for detailed analysis refer to section 4.3.6 of the FMP text which details assumptions for projected utilization

1        **FMP-15: Projected Wood Utilization by Mill**  
2

FMP-15: Projected Wood Utilization by Mill

Mill	Wood Supply Mechanism	Volume (m3)	Volume Type	Product	Volume by Species (m3)													
															Hardwood			Total
					PWR	PJ	SB	SW	CW	BF	LA	Subtotal	PO	BW	OH	Subtotal		
LSA - Undetermined	Open Market	NA	NA	All	6,612	4,148	5,190	1,212	368	1,977	102	19,609	3,585	3,637	928	8,150	27,759	
	<b>Net Merchantable</b>			<b>Subtotal</b>	6,612	4,148	5,190	1,212	368	1,977	102	19,609	3,585	3,637	928	8,150	27,759	
LSA - Undetermined	Open Market	NA	NA	NA	67	74	18	14	2	55	1	231	139	54	12	206	437	
	<b>Undersize &amp; Defect</b>			<b>Subtotal</b>	67	74	18	14	2	55	1	231	139	54	12	206	437	
			Management Unit Total		6,679	4,222	5,208	1,226	370	2,032	103	19,840	3,725	3,691	941	8,356	28,196	

\*for detailed analysis refer to section 4.3.6 of the FMP text which details assumptions for projected utilization

1        **FMP-16: Contingency Harvest Area and Volume**  
2

MANAGEMENT UNIT NAME: TEMAGAMI MANAGEMENT UNIT  
 PLAN PERIOD: April 1, 2019 to March 31, 2029

**FMP-16: Contingency Harvest Area and Volume**

Forest Unit	Age Class or Stage of Management and Age Class	Contingency Harvest Area (ha)	Contingency Harvest Volume (m3)		
			Conifer	Hardwood	Total
<b>Land Set Aside (LSA) Strategic Management Zone</b>					
BW	A85	12	391	391	<b>782</b>
	<b>BW Subtotal</b>	<b>12</b>	<b>391</b>	<b>391</b>	<b>782</b>
MWCC	A85	16	1,221	1,507	2,728
MWCC	A125	79	5,348	7,654	13,002
	<b>MWCC Subtotal</b>	<b>95</b>	<b>6,569</b>	<b>9,162</b>	<b>15,730</b>
PJ1	A45	77	5,965	54	6,019
PJ1	A55	7	1,769	-	1,769
	<b>PJ1 Subtotal</b>	<b>84</b>	<b>7,734</b>	<b>54</b>	<b>7,788</b>
PJ2	A45	49	2,700	389	3,090
PJ2	A85	21	1,888	226	2,114
PJ2	A105	17	1,386	224	1,610
	<b>PJ2 Subtotal</b>	<b>87</b>	<b>5,975</b>	<b>839</b>	<b>6,814</b>
PO	A65	31	630	4,991	5,621
PO	A75	44	1,364	4,030	5,393
PO	A85	24	447	3,271	3,718
PO	A105	12	202	1,634	1,837
	<b>PO Subtotal</b>	<b>112</b>	<b>2,643</b>	<b>13,925</b>	<b>16,568</b>
PWST	A155	14	1,704	670	2,374
	<b>PWST Subtotal</b>	<b>14</b>	<b>1,704</b>	<b>670</b>	<b>2,374</b>
PWUSC	A105	18	3,650	543	4,193
PWUSC	A95	25	4,142	950	5,092
	<b>PWUSC Subtotal</b>	<b>43</b>	<b>7,792</b>	<b>1,494</b>	<b>9,285</b>
SB	A115	6	646	-	646
	<b>SB Subtotal</b>	<b>6</b>	<b>646</b>	<b>-</b>	<b>646</b>
SF	A105	24	1,720	233	1,953
	<b>SF Subtotal</b>	<b>24</b>	<b>1,720</b>	<b>233</b>	<b>1,953</b>
	<b>LSA Total</b>	<b>476</b>	<b>35,173</b>	<b>26,767</b>	<b>61,940</b>

1        **FMP-17: Planned Renewal and Tending Operations**  
2

MANAGEMENT UNIT NAME: TEMAGAMI MANAGEMENT UNIT  
 PLAN PERIOD: April 1, 2019 to March 31, 2029

**FMP-17: Planned Renewal and Tending Operations**

Renewal	Area (ha)	
	Planned (10-Year)	
	Harvest	Natural Disturbance
<b>Land Set Aside (LSA) Strategic Management Zone</b>		
<b>Regeneration</b>		
<b>Natural</b>		
Clearcut Silvicultural System (even-Aged)		
Block Cut	1,813	
Strip Cut		
Seed Tree Cut	145	
HARP/HARO/CLAAG		
Shelterwood Silvicultural System (even-Aged)		
Uniform Shelterwood - Seed Cut	353	
Strip Shelterwood - Strip Cut		
Selection Silvicultural System (uneven-Aged)		
<b>Subtotal Natural</b>	2,312	
<b>Artificial</b>		
Planting		
Seeding		
<b>Subtotal Artificial</b>		
<b>Artificial - Retreatment</b>		
Planting		
Seeding		
<b>Total Retreatment</b>		
<b>Artificial - Supplemental</b>		
Planting		
Seeding		
<b>Total Supplemental</b>		
<b>Site Preparation</b>		
Mechanical	67	
Prescribed Burn		
Ground		
High Complexity		
Slash Pile Burn		
<b>Total Site Preparation</b>	67	
<b>Land Set Aside (LSA) Strategic Management Zone</b>		
<b>Tending</b>		
<b>Cleaning</b>		
Manual		
Mechanical		
Chemical		
Aerial		
Ground		
Prescribed Burn		
High Complexity		
<b>Spacing, pre-commercial thinning, improvement cutting</b>		
Clearcut and Shelterwood Silvicultural Systems (even-aged)		
Selection Silvicultural System (uneven-aged)		
<b>Other</b>		
Cultivation		
Pruning		
<b>Total Tending</b>	-	

1        **FMP-18: Road Construction and Use Management**  
2

FMP-18: Road Construction and Use Management

Road or Road Network Identifier	Responsibility	Plan Start Length (km)	Planned Construction 10 Year	Use Management				
				Maintenance	Monitoring	Access Control		Future Use Management
						Type	Year	
<b>Land Set Aside (LSA) Strategic Management Zone</b>								
<b>A. Primary</b>	-	-	-	NA	NA	NA	NA	
<b>Subtotal</b>		0.0	0.0					
<b>B. Branch</b>								
Snowshoe Lake Road	MNRF	10.8	10.8	During ongoing forest operations: forest industry responsible for routine maintenance, emergency repairs of road and water crossing; the road to be re-built to an acceptable environmental standard prior to use; forest industry must leave the road in an acceptable environmental condition when operations are complete.  During periods of non-use by forest industry: MNRF is responsible for emergency repairs; no routine maintenance planned.  Refer to Supplementary Documentation 6.1(i) - ROAD NAME IDENTIFIER: B-4	During ongoing forest operations: forest industry is responsible for regular monitoring of the road and water crossings. MNRF will monitor during compliance inspections.  During period of non-use by forest industry: MNRF will monitor when staff are in the area conducting resource management activities or as required.	Gate prior to the entrance into "E339r"  2024  NA	NA	
Yates Road	MNRF	5.5	6.6	During ongoing forest operations: forest industry responsible for routine maintenance, emergency repairs of road and water crossing; the road to be re-built to an acceptable environmental standard prior to use; forest industry must leave the road in an acceptable environmental condition when operations are complete.  During periods of non-use by forest industry: MNRF is responsible for emergency repairs; no routine maintenance planned.  Refer to Supplementary Documentation 6.1(i) - ROAD NAME IDENTIFIER: B-4	During ongoing forest operations: forest industry is responsible for regular monitoring of the road and water crossings. MNRF will monitor during compliance inspections.  During period of non-use by forest industry: MNRF will monitor when staff are in the area conducting resource management activities or as required.	Replace existing Berm with gate at the entrance into "E339r"  2024  NA	NA	
Vogt Road	MNRF	3.1	4.1	During ongoing forest operations: forest industry responsible for routine maintenance, emergency repairs of road and water crossing; the road to be re-built to an acceptable environmental standard prior to use; forest industry must leave the road in an acceptable environmental condition when operations are complete.  During periods of non-use by forest industry: MNRF is responsible for emergency repairs; no routine maintenance planned.  Refer to Supplementary Documentation 6.1(i) - ROAD NAME IDENTIFIER: B-3	During ongoing forest operations: forest industry is responsible for regular monitoring of the road and water crossings. MNRF will monitor during compliance inspections.  During period of non-use by forest industry: MNRF will monitor when staff are in the area conducting resource management activities or as required.	NA  NA	NA	

MANAGEMENT UNIT NAME: IEMAGAMI MANAGEMENT UNIT  
 PLAN PERIOD: April 1, 2019 to March 31, 2029

FMP-18: Road Construction and Use Management

Road or Road Network Identifier	Responsibility	Plan Start Length (km)	Planned Construction 10 Year	Use Management				Future Use Management	
				Maintenance	Monitoring	Access Control		Transfer Year	Management Intent
						Type	Year		
Spitzig Road	MNRF	1.9	3.8	<p>During ongoing forest operations: forest industry responsible for routine maintenance, emergency repairs of road and water crossing; the road to be re-built to an acceptable environmental standard prior to use; forest industry must leave the road in an acceptable environmental condition when operations are complete.</p> <p>During periods of non-use by forest industry: MNRF is responsible for emergency repairs; no routine maintenance planned.</p> <p>Refer to Supplementary Documentation 6.1(i) - ROAD NAME IDENTIFIER: B-3</p>	<p>During ongoing forest operations: forest industry is responsible for regular monitoring of the road and water crossings. MNRF will monitor during compliance inspections.</p> <p>During period of non-use by forest industry: MNRF will monitor when staff are in the area conducting resource management activities or as required.</p>	Berm at entrance into "E345r"	2024	NA	

FMP-18: Road Construction and Use Management

Road or Road Network Identifier	Responsibility	Plan Start Length (km)	Planned Construction Year	Use Management				
				Maintenance	Monitoring	Access Control		Future Use Management
						Type	Year	
Briggs Road	MINRF	4.7	5.0	<p>There are plans to classify this road as primary forest access road as it is required for current and future forest management purposes.</p> <p>During ongoing forest operations: forest industry responsible for routine maintenance, emergency repairs of road and water crossing; the road to be re-built to an acceptable environmental standard prior to use; forest industry must leave the road in an acceptable environmental condition when operations are complete.</p> <p>During periods of non-use by forest industry: MINRF is responsible for emergency repairs; no routine maintenance planned.</p> <p>Refer to Supplementary Documentation 6.1(i) - ROAD NAME IDENTIFIER: B-3</p>	<p>During ongoing forest operations: forest industry is responsible for regular monitoring of the road and water crossings. MNRF will monitor during compliance inspections.</p> <p>During period of non-use by forest industry: MNRF will monitor when staff are in the area conducting resource management activities or as required.</p>	Berm at entrance into "E345"	2024	NA
Kokoko Lake Road	MINRF	2.9	2.9	<p>During ongoing forest operations: forest industry responsible for routine maintenance, emergency repairs of road and water crossing; the road to be re-built to an acceptable environmental standard prior to use; forest industry must leave the road in an acceptable environmental condition when operations are complete.</p> <p>During periods of non-use by forest industry: MINRF is responsible for emergency repairs; no routine maintenance planned.</p> <p>Refer to Supplementary Documentation 6.1(i) - ROAD NAME IDENTIFIER: B-3</p>	<p>During ongoing forest operations: forest industry is responsible for regular monitoring of the road and water crossings. MNRF will monitor during compliance inspections.</p> <p>During period of non-use by forest industry: MNRF will monitor when staff are in the area conducting resource management activities or as required.</p>	none	NA	NA
Green Road	MINRF	0.0	2.1	<p>During ongoing forest operations: forest industry responsible for routine maintenance, emergency repairs of road and water crossing; the road to be re-built to an acceptable environmental standard prior to use; forest industry must leave the road in an acceptable environmental condition when operations are complete.</p> <p>During periods of non-use by forest industry: MINRF is responsible for emergency repairs; no routine maintenance planned.</p> <p>Refer to Supplementary Documentation 6.1(i) - ROAD NAME IDENTIFIER: B-4</p>	<p>During ongoing forest operations: forest industry is responsible for regular monitoring of the road and water crossings. MNRF will monitor during compliance inspections.</p> <p>During period of non-use by forest industry: MNRF will monitor when staff are in the area conducting resource management activities or as required.</p>	none	NA	NA

FMP-18: Road Construction and Use Management

Road or Road Network Identifier	Responsibility	Plan Start Length (km)	Planned Construction 10 Year	Use Management					
				Maintenance	Monitoring	Access Control		Transfer Year	Future Use Management Management Intent
						Type	Year		
East Vogt Road	MNRF	1.7	3.0	During ongoing forest operations: forest industry responsible for routine maintenance, emergency repairs of road and water crossing; the road to be re-built to an acceptable environmental standard prior to use; forest industry must leave the road in an acceptable environmental condition when operations are complete.  During periods of non-use by forest industry: MNRF is responsible for emergency repairs; no routine maintenance planned. Refer to Supplementary Documentation 6.1(i) - ROAD NAME IDENTIFIER: B-3	During ongoing forest operations: forest industry is responsible for regular monitoring of the road and water crossings. MNRF will monitor during compliance inspections.  During period of non-use by forest industry: MNRF will monitor when staff are in the area conducting resource management activities or as required.	Gate at entrance into "PZ703"	NA	NA	
<b>Subtotal</b>		<b>30.6</b>	<b>38.4</b>						

FMP-18: Road Construction and Use Management

Road or Road Network Identifier	Responsibility	Plan Start Length (km)	Planned Construction 10 Year	Use Management					
				Maintenance	Monitoring	Access Control		Future Use Management	
						Type	Year		Transfer Year
<b>C. Operational</b>									
Aston 120	MINRF	-	-						
Aston 121	MINRF	-	-						
Aston 122	MINRF	-	-						
Aston 123	MINRF	-	-						
Aston 127	MINRF	-	-						
Aston 140	MINRF	-	-						
Briggs 122	MINRF	-	-						
Briggs 125	MINRF	-	-						
Briggs 127	MINRF	-	-						
Briggs 141	MINRF	-	-						
Cynthia 120	MINRF	-	-						
Cynthia 121	MINRF	-	-						
Cynthia 122	MINRF	-	-						
Cynthia 123	MINRF	-	-						
Jean 120	MINRF	-	-						
Jean 140	MINRF	-	-						
Strathcona 123	MINRF	-	-						
Vogt 123	MINRF	-	-						
Vogt 124	MINRF	-	-						
Vogt 140	MINRF	-	-						
Yales 120	MINRF	-	-						
Yales 121	MINRF	-	-						
Yales 122	MINRF	-	-						
Yales 124	MINRF	-	-						
Yales 125	MINRF	-	-						
<b>Subtotal</b>									
<b>LSA Total</b>		<b>30.6</b>	<b>38.4</b>						

1        **FMP-19: Planned Expenditures**  
2

MANAGEMENT UNIT NAME: TEMAGAMI MANAGEMENT UNIT  
 PLAN PERIOD: April 1, 2019 to March 31, 2029

**FMP-19: Planned Expenditures**

<b>Expenditures (\$)</b>		
<b>Activity</b>	<b>Forest Renewal Trust or Special Purpose Account (000s \$)</b>	<b>Forestry Futures Trust (000s \$)</b>
<b>Land Set Aside (LSA) Strategic Management Zone</b>		
Natural Regeneration	-	
Artificial regeneration	-	
Tree Marking	7.07	
Site Preparation	16.65	
Tending		
Renewal Support		
Silvicultural Surveys	-	
Other Eligible Silviculture Work Protection		
LSA Subtotal	23.72	

1        **FMP-20: Planned Assessment of Establishment**  
2  
3

MANAGEMENT UNIT NAME: TEMAGAMI MANAGEMENT UNIT  
 PLAN PERIOD: April 1, 2019 to March 31, 2029

**FMP-20: Planned Assessment of Establishment**

**Current plan period:**

Confirmed Depleted Forest Unit	Silvicultural Ground Rule (by Plan Period)	Assigned to SGR (ha) (all years)	Planned Assessment of Establishment (ha)
<b>Land Set Aside (LSA) Strategic Management Zone</b>			
<u>Harvest</u>			
BW	BW-nat-PO1-E	BW-nat-PO1-E	207
<u>Salvage Harvest</u>			
<b>Forest Unit Subtotal</b>			<b>207</b>
<u>Harvest</u>			
BY	BY-nat-BY1-E	BY-nat-BY1-E	3
HDSL1	HDSL1-nat-HDSL1-E	HDSL1-nat-HDSL1-E	43
HDUS	HDUS-nat-HDUS-E	HDUS-nat-HDUS-E	7
<u>Salvage Harvest</u>			
<b>Forest Unit Subtotal</b>			<b>54</b>
<u>Harvest</u>			
CE	CE-nat-CE1-E	CE-nat-CE1-E	56
LC	LC-nat-LC1-E	LC-nat-LC1-E	14
<u>Salvage Harvest</u>			
<b>Forest Unit Subtotal</b>			<b>70</b>
<u>Harvest</u>			
LWMW	LWMW-nat-LWMW-E	LWMW-nat-LWMW-E	67
MWR	MWR-nat-PO1-E	MWR-nat-PO1-E	412
MWD	MWD-nat-PO1-E	MWD-nat-PO1-E	267
<u>Salvage Harvest</u>			
<b>Forest Unit Subtotal</b>			<b>746</b>
<u>Harvest</u>			
MWUS	MWUS-nat-MWUS-E	MWUS-nat-MWUS-E	137
<u>Salvage Harvest</u>			
<b>Forest Unit Subtotal</b>			<b>137</b>
<u>Harvest</u>			
PJ1	PJ1-nat-PJ1-E	PJ1-nat-PJ1-E	17
<u>Salvage Harvest</u>			
<b>Forest Unit Subtotal</b>			<b>17</b>
<u>Harvest</u>			
PJ2	PJ2-nat-SP1-E	PJ2-nat-SP1-E	51
<u>Salvage Harvest</u>			
<b>Forest Unit Subtotal</b>			<b>51</b>

MANAGEMENT UNIT NAME: TEMAGAMI MANAGEMENT UNIT  
 PLAN PERIOD: April 1, 2019 to March 31, 2029

**FMP-20: Planned Assessment of Establishment**

**Current plan period:**

Confirmed Depleted Forest Unit	Silvicultural Ground Rule (by Plan Period)	Assigned to SGR (ha) (all years)	Planned Assessment of Establishment (ha)
Harvest			
PO	PO-nat-PO1-E	PO-nat-PO1-E	10
Salvage Harvest			
<b>Forest Unit Subtotal</b>			<b>10</b>
Harvest			
PR	PR1-nat-PR1-E	PR1-nat-PR1-E	2
Salvage Harvest			
<b>Forest Unit Subtotal</b>			<b>2</b>
Harvest			
PWST	PWST-nat-PWST-E	PWST-nat-PWST-E	143
Salvage Harvest			
<b>Forest Unit Subtotal</b>			<b>143</b>
Harvest			
PWUSH	PWUSH- nat-PWUSH -E	PWUSH- nat-PWUSH -E	38
PWUS4	PWUS4-nat-PWUS4-E	PWUS4-nat-PWUS4-E	23
Salvage Harvest			
<b>Forest Unit Subtotal</b>			<b>61</b>
Harvest			
PWUSC	PWUSC-nat-PWUSC-E	PWUSC-nat-PWUSC-E	101
Salvage Harvest			
<b>Forest Unit Subtotal</b>			<b>101</b>
Harvest			
SB	SB-nat-SB1-E	SB-nat-SB1-E	9
Salvage Harvest			
<b>Forest Unit Subtotal</b>			<b>9</b>
Harvest			
SF	SF1-nat-SF1-E	SF1-nat-SF1-E	465
Salvage Harvest			
<b>Forest Unit Subtotal</b>			<b>465</b>
Harvest			
SP1	SP1-nat-SP1-E	SP1-nat-SP1-E	238
Salvage Harvest			
<b>Forest Unit Subtotal</b>			<b>238</b>
<b>LSA subtotal</b>			<b>2,312</b>

1 **7.0 MAPING PRODUCTS**

2

3 **7.1 Overview Map**

4

5

6 The following overview map portrays the Land Set Aside within the TMU. A plotter  
7 is required to print this map at the appropriate size. a

8

9

10 MU898\_2019\_FMP\_MAP\_LSA.pdf

11

12

13

1 **7.2 Summary Maps**

2

3 The following summary map portrays the planned harvest areas and road corridors  
4 within the LSA. A printer capable of 11X17 inch size pages is required to print this map.

5

6 MU898\_2019\_FMP\_MAP\_SUM\_LSA.pdf

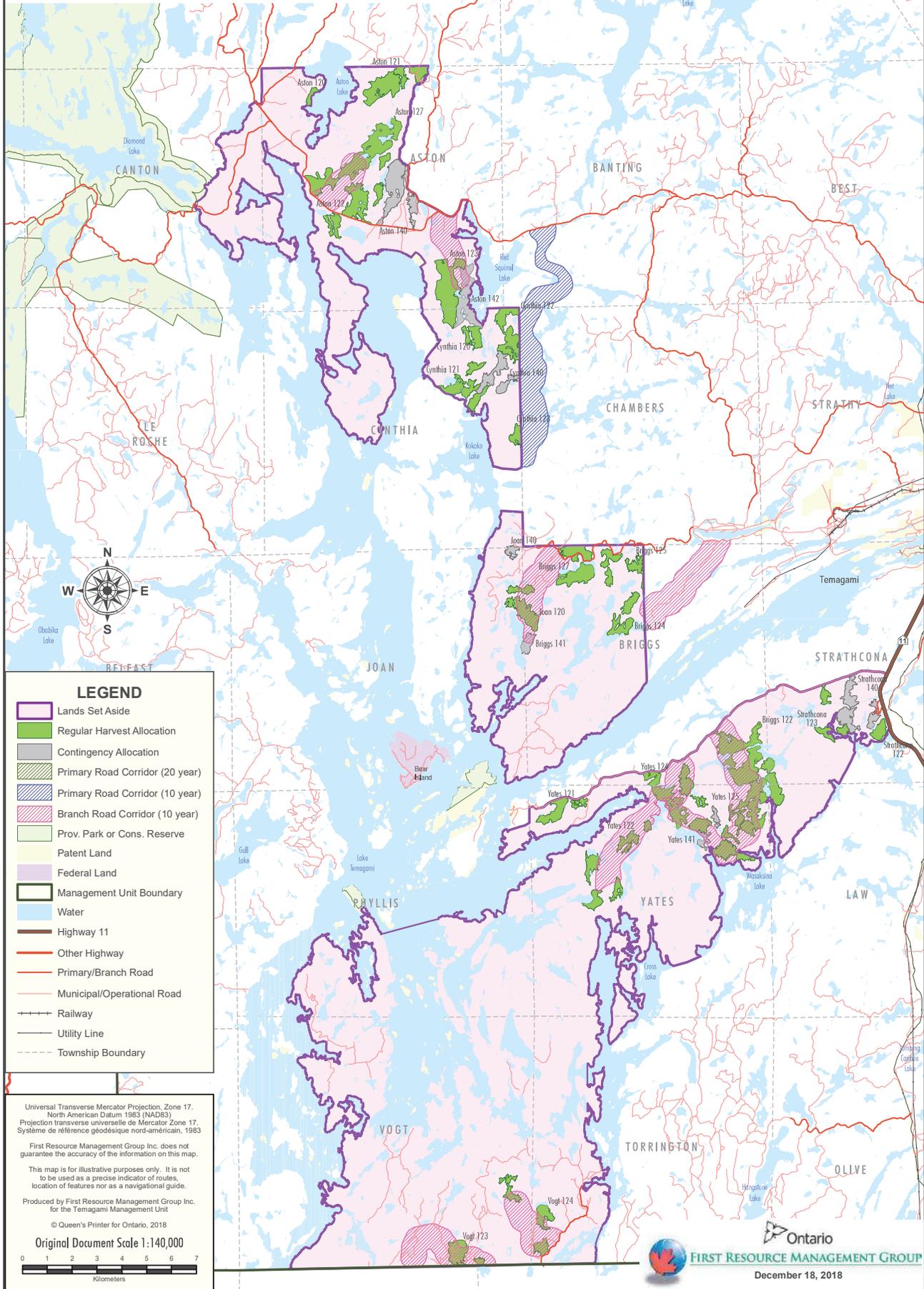
7

# Allocations - Final Plan

## 2019-2029 Forest Management Plan

### TEMAGAMI MANAGEMENT UNIT

#### Lands Set Aside Area



### 1 **7.3 Operational Maps**

2

3 The following Ontario Base Map Tiles encompass all the Land Set Aside at a scale of  
4 1:20,000. A plotter is required to print these maps.

5

6 MU898\_2019\_MAP\_ops57523\_01.pdf

7 MU898\_2019\_MAP\_ops56523\_01.pdf

8 MU898\_2019\_MAP\_ops57522\_01.pdf

9 MU898\_2019\_MAP\_ops56522\_01.pdf

10 MU898\_2019\_MAP\_ops57521\_01.pdf

11 MU898\_2019\_MAP\_ops57520\_01.pdf

12 MU898\_2019\_MAP\_ops58520\_01.pdf

13 MU898\_2019\_MAP\_ops58519\_01.pdf

14 MU898\_2019\_MAP\_ops57519\_01.pdf

15 MU898\_2019\_MAP\_ops57518\_01.pdf

16

17

1       **APPENDIX I: SUMMARY OF THE OBJECTIVE GATHERING**  
2       **SESSIONS**  
3

## FORESTRY GATHERING SESSION

By Robin Koistinen, Lands & Resources Director

On March 21, 2017, the Lands & Resources Department held a Forestry Gathering Session and dinner to discuss future forestry opportunities for the proposed Reserve Lands (also referred to as the "Lands Set Aside, (LSA))" specifically to begin formulating Long Term Management Objectives of the Forest Plan for the Proposed Reserve Lands. There were 23 community members in attendance along with guests, Rob Baker (Temagami Unit Forester), Norm Dokis (OMNRF Resource Liaison Specialist), and Mark Lockhart (General Manager of Nipissing SFL) and Etienne Green and Paul Fantin (Foresters with Forest Resource Management Group (FRMG)). Etienne is the Plan Author of the Temagami Plan and



will also help us write the plan for the Proposed Reserve Lands.

Robin Koistinen, Lands & Resources Director, gave a brief overview of what was discussed in the last Forestry Information Session on February 28, 2017. She spoke about how TFN will now have 9% (2%–9%) of the allowable harvest in 2019. She advised that TFN initiated and continues to lead in the efforts

to retain the Temagami Forest as a "stand alone" entity with a community based governance framework. If successful, we along with the neighbouring communities and industry will share in the decision making on forest activities on the Temagami Unit.

Robin also advised consistent with the 2001 TFN Forestry Strategy, the L&R Department (and Daki Menan Lands and Resources) :

1. Has taken a small step forward into the forestry sector as a firewood producer. Currently, we employ 4 people from the community on an intermittent basis and made investments in equipment and training, with the help of Waubetek and Temagami First Nation.
2. Will be completing a feasibility assessment for the establishment of a small mill. Pending the positive outcome of a feasibility assessment and business plan, a mill could be operational by 2019.
3. Develop a Forest Management Plan for the proposed reserve lands as the Strategy identified the potential for forest management activities and estimated potential timber volumes available for harvest.

Etienne (FRMG) began the working session by giving thanks for being in the community and the wonderful home cooked dinner. He then spoke about what the condition of the forest is at present time, and how the community wants to see what the forest look like in the future, for future management plans and generations. He discussed how forests should have objectives within a forest management plan, and what objectives the community may have for the forest. Etienne also spoke about weighing the benefits of forestry management practices, and how fire could potentially affect the forest area. Cue cards were passed around along with Bristol board put up for the community to express the goals they have in mind for the proposed reserve lands.

.... Continued on next page

Paul Fantin (FRMG) led an objective session with help of Robin and Etienne. He also spoke about how for a forestry management plan you need to have objectives, once you have objectives you need to categorize and ask questions like what opportunities come to mind for community benefits.

Discussion started about the size of the proposed reserve lands in comparison to n'Daki Menan in the whole, and it being difficult to concentrate on such a small piece of the traditional lands.

As the members of the community became more engaged during the evening, one of the most recurring themes was Youth and getting them more directly involved with the land and knowledgeable about the jobs that can be obtained in Lands and Resource Management.

The discussions led to what is needed in the community and how the proposed reserve lands could help them achieve these goals. The following points were recorded during the very positive and open discussion:

#### Accessibility:

1. How to get the youth engaged in the market
2. Forestry hard skills and technology
3. Youth education in forestry
4. Exposure to opportunities
5. Demonstration of forest activities that are accessible from the water and on the rest of the unit

#### Roads access:

1. Access to LSA in southern portion and other opportunities
2. Explore access or maintain recreational values.
3. Winter road for cutting trees in specific areas.

#### Silviculture:

1. Investigate compare use of herbicide as silviculture tool.
2. Monitors results of silviculture with youth
3. Operational flexibility from mainland. I.e a Spot to branch out from on mainland.
4. Use information technologies to build capacity and engage youth in the information management.
5. Prescribed burning on islands for blueberries.
6. Tree planting.

#### Forest Diversity:

1. Healthy forest
2. Healthy moose population
3. What is the forest diversity on the skyline reserve, how to maintain?
4. Medicinal plants, berries and gathering important
5. Non-timber forest products important
6. Move the forest towards one a condition that resembles a more natural forest condition or range.
7. Growing food within the forest
8. Tree resiliency
9. Cedar -> cones, Maple -> sugar bush, Birch-> fuel-wood / cones Silviculture-> chemical spraying

#### Socio- Economic

1. Utilize local markets
2. Build employment and capacity
3. Provide a diversity of employment (from the resource to the finish product)
4. Conduct site level assessments of the LSA at
5. Value in being a step in a finish forest product
6. Trapping is important
7. Cultural "being" forming the basis for "gardening" and maintaining the condition of the forest
8. Move towards changing mindset around forestry and how all forest based activities (canoeing) can all work together.
9. Create a private enterprise.
10. Community mill idea is a good option for a specific project.
11. Need to find our identify on our land.
12. Business where we sell planted trees.
13. We need all the logs that have been sunk in the bottom of the lake
14. Build outpost caps on the lakes so we have buildings to use within the forest
15. Ecotourism – snowshoe trails ski trails throughout.
16. Maple Syrup forest can have as sustainable resource
17. Birch pallet would be the best options
18. Subcontractors to do work until community builds capacity to do the work.

The Lands & Resources Department thank everyone for coming out and participating. We hope to see you and more community members at the next meeting.

