MANAGEMENT UNIT NAME: **Romeo-Malette Forest**
PLAN TERM: **April 1, 2019 TO March 31, 2029**

FMP-1: Management Unit Land Summary

	Land Ownership					
	Crown		Patent		Other	Total
Land Type	**Managed**	**Other**	**Crown Timber**	**Other**		
Unsurveyed						
Non-Forested						
Water	40,349	1,669	0	384	49	42,451
Other Land						
Agricultural Land	7	0	0	145	0	152
Grass & Meadow	57	0	0	10	0	67
Unclassified	3,856	42	0	977	2	4,877
Subtotal Non-Forested	44,269	1,710	0	1,517	51	47,547
Forested						
Non-Productive Forest						
Treed Muskeg	8,373	246	0	261	44	8,925
Open Muskeg	13,124	329	0	264	34	13,751
Brush & Alder	11,498	325	0	683	78	12,584
Rock	241	1	0	28	0	270
Subtotal Non-Productive	33,236	902	0	1,237	156	35,531
Productive Forest						
Protection Forest						
Site Class 4	10,576	908	0	279	147	11,909
Islands	0	0	0	0	0	0
Subtotal Protection	10,576	908	0	279	147	11,909
Production Forest						
Recent Disturbance	51,416	1,069	0	134	0	52,618
Below Regeneration Standards	32,931	575	0	1,073	205	34,784
Forest Stands	414,179	13,562	0	14,458	5,387	447,587
Subtotal Production	498,526	15,206	0	15,665	5,592	534,989
Subtotal Productive	509,102	16,114	0	15,944	5,739	546,898
Subtotal Forested	542,338	17,015	0	17,181	5,895	582,429
Total	586,607	18,726	0	18,697	5,947	629,977
	Total Crown:	605,333	**Total Patent:**	18,697		

Source: MU930_19BMI version March 15, 2017

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-2: Description of Forest Units

Forest Unit		Ecosite(s)	Provincal Forest Type	Silvicultural System	FRI Parameters & Criteria	Additional Information		
Code	Name					Avg Site Class	Avg Stocking	Avg Species Composition
PRW	White & Red Pine Seedtree	18,19,20,21	PWR	Clearcut (with Seedtrees or Standards)	PR >= 70 **OR** PW + PR + SW + HE >= 40 And PW >= 30 **OR** PW + PR >= 40	2.0	0.43	PW 78PO 9BF 4BW 2PJ 2SW 2CE 1PR 1SB 1
OH1	Tolerant-Lowland Hardwood	15,16,17	MIX	Shelterwood (Uniform)	AB + EW + PB>= 30 **OR** AB + EW + PB + MH + YB + MR >= 30	2.0	0.81	PB 26BW 17SW 13PO 12SB 10BF 8OH 7 MS 4YB 2CE 1
BOG	Spruce Bog	14	MCL	N/A	SB + LA >= 70 And PW = 0 And SC = 4	4.0	0.78	SB 73LA 22CE 4BW 1
SB1	Black Spruce Lowland	8,9p,9r,11,12,13 p, 13r,14	MCL	Clearcut	SB >= 70 And MH + MR + YB + PR = 0 And PW + PJ <= 10 AND ECOSITE1 IN ('NE8', 'NE9p', 'NE9r' , 'NE11', 'NE12' , 'NE13p' , 'NE13r', 'NE14')	2.0	0.69	SB 82LA 9CE 4BF 2BW 2PO 1
PJ1	Jack Pine	2,4	PJK	Clearcut	PJ >= 70 And PT + PO + BW + MH + AB + PB+ MR + EW + YB <= 20	1.5	0.98	PJ 82SB 11PO 5BW 5
LC1	Lowland Conifer	8,9p,9r,11,12,13 p, 13r,14	MCL	Clearcut	((CE + LA + SB >= 70 And MH + MR + YB + PR = 0 And PW + PJ <= 10)) AND ECOSITE1 IN ('NE8', 'NE9p', 'NE9r' , 'NE11', 'NE12' , 'NE13p' , 'NE13r', 'NE14')	2.0	0.72	SB 44CE 28LA 18BW 5BF 2PO 1SW 1
PJ2	Pine-Spruce	4,5m	MCU	Clearcut	(PJ + SB + PR >= 70 Or (PJ >= 50 And PJ + SB + BF + SW + SX + HE + PW + PR + CE + LA >= 70)) And PJ >= SB	1.5	0.91	PJ 56SB 26PO 10BW 6BF 1SW 1
SP1	Spruce-Pine	4,5f,5m	MCU	Clearcut	SB + SW + SX +BF + CE + LA + PW + PJ + PR + HE >= 70 And (BF + CE + PW + LA + SW + HE <= 20 Or PJ >= 30)	1.5	0.76	SB 70BW 11BF 5PJ 5PO 5CE 2LA 1SW 1
SF1	Spruce-Fir	9p,9r	MCU	Clearcut	SB + SW + SX +BF + CE + LA + PW + PJ + PR + HE >= 70	1.5	0.73	SB 39BF 14BW 14CE 12SW 12PO 4LA 3PJ 1
PO1	Poplar	7f,7m,7c,10	POP	Clearcut	PT + PO + PB + BW + MH + AB + MR + EW + YB>= 70 and PT + PO + PB >= 50	2.0	0.88	PO 71BW 13SB 8BF 3SW 2PB 1PJ 1
BW1	Birch-Poplar	3,7m,7c	BWT	Clearcut	PT + PO + PB + BW + MH + AB + MR + EW + YB>= 70	2.0	0.90	BW 58PO 19SB 12BF 4SW 4CE 1MS 1PJ 1
MW1	Mixedwood Coarse Soil	1p,3,6c,7c	MIX	Clearcut	PJ + PR >= 20 Or ((BF <= 20 And SW <= 20 And CE <= 20) and (ECOSITE1 in ('NE1p', 'NE3', 'NE6c', 'NE7c')))	1.5	0.80	SB 30BW 23PO 23PJ 13BF 5SW 5CE 1
MH2	Mixed Hardwood Fine Soil	6f,6m,7m	MIX	Clearcut	PO + PT + BW + MH + YB + MR + AB + EW + PB >= 50	2.0	0.87	BW 39SB 23PO 18BF 8SW 7CE 3PJ 1
MC2	Mixed Conifer Fine Soil	6f,6m,7m	MIX	Clearcut	All Remaining Stands	1.5	0.79	SB 37BW 29PO 10BF 9SW 7CE 5LA 1PJ 1
Sorts Applied After All Fus Assigned								
SP1	Spruce-Pine	na	na	na	PLANFU = SF1 and DEVSTAGE = NEWPLANT			
SP1	Spruce-Pine	na	na	na	PLANFU = SF1 and DEVSTAGE = FTGPLANT and PJ + PR + PX + PW + SB + SW + SX >= 50 AND BF < 30			

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-3: Summary of Managed Crown Productive Forest by Forest Unit

Forest Unit	Age Class	Protection Forest (ha)	Production Forest		
			Unavailable (ha)	Stage of Management	Available (ha)
BOG	1-20				
	21-40	27			
	41-60	65			
	61-80	569			
	81-100	2,341			
	101-120	3,251			
	121-140	1,611			
	141-160	406			
	161+	295			
	Forest Unit Subtotal	8,566	-		-
BW1	1-20		103		5,197
	21-40	28	265		5,028
	41-60		566		8,083
	61-80	6	1,582		14,827
	81-100	33	1,100		8,864
	101-120		178		1,172
	121-140		22		66
	141-160				
	161+				
	Forest Unit Subtotal	67	3,817		43,236

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-3: Summary of Managed Crown Productive Forest by Forest Unit

Forest Unit	Age Class	Protection Forest (ha)	Production Forest		
			Unavailable (ha)	Stage of Management	Available (ha)
LC1	1-20		260		5,476
	21-40	3	154		4,795
	41-60	135	280		5,353
	61-80	42	339		5,194
	81-100	189	1,001		12,096
	101-120	299	861		10,252
	121-140	297	524		5,728
	141-160	270	171		1,943
	161+	119	55		1,019
	Forest Unit Subtotal	1,353	3,645		51,855
MC2	1-20		255		4,314
	21-40	1	111		3,325
	41-60	3	311		2,798
	61-80		761		5,173
	81-100	29	1,302		7,251
	101-120	1	692		3,673
	121-140	3	239		938
	141-160	2	44		173
	161+		11		77
	Forest Unit Subtotal	40	3,726		27,722

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-3: Summary of Managed Crown Productive Forest by Forest Unit

Forest Unit	Age Class	Protection Forest (ha)	Production Forest		
			Unavailable (ha)	Stage of Management	Available (ha)
MH2	1-20		186		6,981
	21-40	13	186		5,466
	41-60	6	759		7,721
	61-80	26	1,802		14,695
	81-100	25	1,792		10,582
	101-120	11	354		2,893
	121-140		109		374
	141-160		2		18
	161+		1		9
	Forest Unit Subtotal	81	5,191		48,740
MW1	1-20		138		3,600
	21-40	17	227		6,896
	41-60	31	319		3,232
	61-80	8	598		2,624
	81-100	25	1,482		4,530
	101-120		618		2,168
	121-140		121		380
	141-160		23		54
	161+		1		4
	Forest Unit Subtotal	80	3,526		23,487

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-3: Summary of Managed Crown Productive Forest by Forest Unit

Forest Unit	Age Class	Protection Forest (ha)	Production Forest		
			Unavailable (ha)	Stage of Management	Available (ha)
OH1	1-20		3		108
	21-40		2		24
	41-60		26		45
	61-80	2	60		295
	81-100		74		334
	101-120		4		32
	121-140				
	141-160				
	161+				
	Forest Unit Subtotal	2	170		838
PJ1	1-20		574		10,356
	21-40	0	403		12,793
	41-60		147		2,791
	61-80	13	217		1,987
	81-100	2	547		1,775
	101-120		252		841
	121-140		53		74
	141-160		4		4
	161+				
	Forest Unit Subtotal	16	2,198		30,620

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-3: Summary of Managed Crown Productive Forest by Forest Unit

Forest Unit	Age Class	Protection Forest (ha)	Production Forest		
			Unavailable (ha)	Stage of Management	Available (ha)
PJ2	1-20		299		5,751
	21-40	3	169		4,864
	41-60		80		1,148
	61-80	8	151		834
	81-100	5	457		1,263
	101-120		296		702
	121-140		36		118
	141-160		3		17
	161+				
	Forest Unit Subtotal	16	1,491		14,697
PO1	1-20		80		7,094
	21-40	34	346		10,467
	41-60	6	467		8,528
	61-80	41	911		8,631
	81-100	18	1,599		7,278
	101-120		668		2,519
	121-140		105		605
	141-160				
	161+				
	Forest Unit Subtotal	99	4,176		45,121

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-3: Summary of Managed Crown Productive Forest by Forest Unit

Forest Unit	Age Class	Protection Forest (ha)	Production Forest		
			Unavailable (ha)	Stage of Management	Available (ha)
PRW	1-20		1		30
	21-40				4
	41-60		2		42
	61-80		38		83
	81-100		12		6
	101-120		8		37
	121-140		19		81
	141-160		6		52
	161+		29		170
	Forest Unit Subtotal	-	116		504
SB1	1-20		508		15,454
	21-40		218		9,524
	41-60	84	224		6,025
	61-80	4	425		7,315
	81-100	95	1,118		15,638
	101-120	5	640		9,552
	121-140	22	308		7,436
	141-160		134		2,006
	161+		38		893
	Forest Unit Subtotal	209	3,614		73,843

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-3: Summary of Managed Crown Productive Forest by Forest Unit

Forest Unit	Age Class	Protection Forest (ha)	Production Forest		
			Unavailable (ha)	Stage of Management	Available (ha)
SF1	1-20		189		4,725
	21-40		98		2,989
	41-60		145		1,983
	61-80		445		2,800
	81-100	1	998		4,405
	101-120		601		3,075
	121-140		385		1,925
	141-160	14	148		781
	161+		43		230
	Forest Unit Subtotal	15	3,051		22,912
SP1	1-20		1,166		20,133
	21-40	11	328		10,737
	41-60		352		4,558
	61-80	4	781		4,954
	81-100	16	2,280		15,777
	101-120		1,455		10,314
	121-140		643		4,732
	141-160		46		750
	161+		33		358
	Forest Unit Subtotal	30	7,086		72,313
	Total	10,575	41,807	-	455,888

Note: There is a slight variance (831 ha) between the total Crown Managed Productive Forest described in FMP-1 (509,102 ha) compared to the total Managed Crown Productive Forest summarized above (508,270 ha). This area represents Regular Production (FORMOD = RP) Islands in the inventory, which are not available (AVAIL = U) because of their access constraint (ACCESS = GEO) and such are considered unmanaged (MANAGED = U)

Source: MU930_19BMI version March 15, 2017; spatial AOC layer (MU930_19AOC) version May 18, 2017; July 26th re-submission

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN PERIOD: 2009 to 2019

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	BW1 EXTN1 PO1	PREFERRED	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	7
BW1	NE7m (91%), NE10 (7%), NE7c (2%)	PO1	SPC: PO 67BW 19SB 7BF 2PJ 2 SW 2 STKG: 0.90 SC: 2.00 OPERABLE AGE: 60	Target Species: Acceptable Species: Min. Conifer Ht: Min. Hardwood Ht: Minimum STKG:	Po Bw, Sb, Sw, Bf, Pj, Pr, Pw, Ce, La, Oh 0.8 m 1.5 m 0.4
Additional Information		Development Information			
SPC: BW 58PO 19SB 12BF 4SW 4CE 1MS 1PJ 1 STKG: 0.90 SC: 2.00		Natural YC Builder PO1 EXTN1: BW1 EXTN1: MH2 EXTN1: SF1 EXTN1:	 55 25 10 10	Min. Density: Target Density:	1000 stems/ha 1500 stems/ha

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	None	Natural	None
Acceptable Alternative Treatments					

Footnotes:

We may need a separate SGR for BW seed tree going to BW1

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	BW1 BASC2 PJ1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	5
BW1	NE7m (91%), NE10 (7%), NE7c (2%)	PJ1	SPC: PJ 82SB 11PO 5BW 2 STKG: 0.77 SC: 1.50 OPERABLE AGE: 55	Target Species:	Pj, Sb
				Acceptable Species:	Bw, Po, Sw, Bf, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.6
				Min. Density:	1500 stems/ha
				Target Density:	1800 stems/ha

Additional Information		Development Information	
		Plantation YC Builder	
SPC:	BW 58PO 19SB 12BF 4SW 4CE 1MS 1PJ 1	PJ1 BASC2:	60
		PJ2 BASC2:	20
STKG:	0.90	MW1 EXTN1:	20
SC:	2.00		

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical and/or Chemical	Plant Pj or Pj, Sb	Aerial Chemical
Acceptable Alternative Treatments					None or Ground Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	LC1 EXTN1 LC1	PREFERRED	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	10
LC1	NE13r (33%), NE13p (28%), NE12 (18%), NE8 (13%), NE9p (8%)	LC1	SPC: SB 42CE 27OC 20BW 5BF 3PO 2 STKG: 0.65 SC: 2.00 OPERABLE AGE: 100	Target Species:	Sb, Ce, La
				Acceptable Species:	Bw, Po, Sw, Bf, Pj, Pr, Pw, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
Additional Information		Development Information		Minimum STKG:	0.4
			Natural YC Builder		
SPC:	SB 44CE 28OC 18BW 5BF 2PO 1SW 1	LC1 EXTN1:	65	Min. Density:	1000 stems/ha
STKG:	0.72	SB1 EXTN1:	35	Target Density:	1500 stems/ha
SC:	2.00				

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	None	Natural	None
Acceptable Alternative Treatments					Aerial Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	LC1 BASC2 SB1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	7
LC1	NE13r (33%), NE13p (28%), NE12 (18%), NE8 (13%), NE9p (8%)	SB1	SPC: SB 82OC 9CE 4BF 2BW 1PO 1 STKG: 0.75 SC: 2.0 OPERABLE AGE: 80	Target Species:	Sb
				Acceptable Species:	Bw, Po, Sw, Bf, Pj, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.6
Additional Information		Development Information			
		Plantation YC Builder			
SPC:	SB 44CE 28OC 18BW 5BF 2PO 1SW 1	SB1 BASC2:	60	Min. Density:	1500 stems/ha
		LC1 EXTN1:	40	Target Density:	1800 stems/ha
STKG:	0.72				
SC:	2.00				

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical and/or Chemical	Plant Sb	Aerial Chemical
Acceptable Alternative Treatments					None or Ground Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	MW1 EXTN1 SP1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	7
MW1	NE6c (57%), NE7c (16%), NE7m (13%), NE3 (6%), NE6m (3%), NE10 (3%)	SP1	SPC: SB 67BW 11PO 7PJ 6BF 5SW 2CE 1OC 1 STKG: 0.67 SC: 1.50 OPERABLE AGE: 80	Target Species: Acceptable Species: Min. Conifer Ht: Min. Hardwood Ht: Minimum STKG:	Sb, Sw, Pj Bw, Po, Bf, Pr, Pw, Ce, La, Oh 0.8 m 1.5 m 0.4
Additional Information		Development Information			
SPC: SB 30BW 23PO 23PJ 13BF 5SW 5CE 1 STKG: 0.80 SC: 1.50		Natural YC Builder SP1 EXTN1: 40 PO1 EXTN1: 30 MH2 EXTN1: 20 PJ2 EXTN1: 10		Min. Density: Target Density:	1000 stems/ha 1500 stems/ha

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	None	Natural	None
Acceptable Alternative Treatments					

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	MW1 EXTN2 PO1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	7
MW1	NE6c (57%), NE7c (16%), NE7m (13%), NE3 (6%), NE6m (3%), NE10 (3%)	PO1	SPC: PO 67BW 19SB 7BF 2PJ 2 SW 2 STKG: 0.90 SC: 2.00 OPERABLE AGE: 60	Target Species:	Po
				Acceptable Species:	Bw, Sb, Sw, Bf, Pj, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.4
				Min. Density:	1000 stems/ha
				Target Density:	1500 stems/ha

Additional Information		Development Information	
		Natural YC Builder	
SPC:	SB 30BW 23PO 23PJ 13BF 5SW 5CE 1	PO1 EXTN1:	45
		MH2 EXTN1:	25
STKG:	0.80	SP1 EXTN1:	25
SC:	1.50	SF1 EXTN1:	5

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	None	Natural	None
Acceptable Alternative Treatments					

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	MW1 BASC2 PJ1	PREFERRED	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	5
MW1	NE6c (57%), NE7c (16%), NE7m (13%), NE3 (6%), NE6m (3%), NE10 (3%)	PJ1	SPC: PJ 82SB 11PO 5BW 2 STKG: 0.77 SC: 1.50 OPERABLE AGE: 55	Target Species:	Pj, Sb
				Acceptable Species:	Bw, Po, Sw, Bf, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
Additional Information		Development Information		Minimum STKG:	0.6
		Plantation YC Builder			
SPC:	SB 30BW 23PO 23PJ 13BF 5SW 5CE 1	PJ1 BASC2:	60	Min. Density:	1500 stems/ha
		PJ2 BASC2:	40	Target Density:	1800 stems/ha
STKG:	0.80				
SC:	1.50				

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical and/or Chemical	Plant Pj or Pj, Sb	Aerial Chemical
Acceptable Alternative Treatments					None or Ground Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	MH2 EXTN1 PO1	PREFERRED	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	7
MH2	NE7m (75%), NE6m (11%), NE10 (9%), NE13p (3%), NE5f (2%)	PO1	SPC: PO 67BW 19SB 7BF 2PJ 2 SW 2 STKG: 0.90 SC: 2.00 OPERABLE AGE: 60	Target Species:	Po
				Acceptable Species:	Bw, Sb, Sw, Bf, Pj, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.4
				Min. Density:	1000 stems/ha
				Target Density:	1500 stems/ha

Additional Information		Development Information	
		Natural YC Builder	
SPC:	BW 39SB 23PO 18BF 8SW 7CE 3PJ 1	PO1 EXTN1:	65
		MH2 EXTN1:	15
STKG:	0.87	BW1 EXTN1:	10
SC:	2.00	SF1 EXTN1	10

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	None	Natural	None
Acceptable Alternative Treatments					

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	MH2 BASC3 SP1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	7
MH2	NE7m (75%), NE6m (11%), NE10 (9%), NE13p (3%), NE5f (2%)	SP1	SPC: SB 43SW 42PO 5BF 5BW 5 STKG: 0.76 SC: 1.5 OPERABLE AGE: 65	Target Species:	Sb, Sw
				Acceptable Species:	Bw, Po, Bf, Pj, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.6
Additional Information		Development Information			
		Plantation YC Builder			
SPC:	BW 39SB 23PO 18BF 8SW 7CE 3PJ 1	SP1 BASC3:	45	Min. Density:	1500 stems/ha
		SF1 BASC3:	20	Target Density:	1800 stems/ha
STKG:	0.87	MH2 EXTN1:	20		
SC:	2.00	MC2 EXTN1:	15		

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical and/or Chemical	Plant Sb, Sw	Aerial Chemical
Acceptable Alternative Treatments					None or Ground Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	MC2 EXTN1 MC2	PREFERRED	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	7
MC2	NE6m (35%), NE7m (22%), NE5f (19%), NE13p (6%), NE5m (4%), NE9r (4%), NE13r (3%), NE4 (3%), NE10 (3%), NE7c (3%)	MC2	SPC: SB 36BW 26PO 14BF 10SW 7 CE 5 PJ 2OC 1 STKG: 0.76 SC: 1.5 OPERABLE AGE: 80	Target Species:	Bw, Po, Sb, Sw
				Acceptable Species:	Bf, Pj, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
Additional Information		Development Information		Minimum STKG:	0.4
SPC:	SB 37BW 29PO 10BF 9SW 7CE 5OC 1PJ 1		Natural YC Builder		
STKG:	0.79	MC2 EXTN1:	35	Min. Density:	1000 stems/ha
SC:	1.50	SF1 EXTN1:	30	Target Density:	1500 stems/ha
		MH2 EXTN1:	20		
		PO1 EXTN1:	15		

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	None	Natural	None
Acceptable Alternative Treatments					

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	MC2 BASC3 SP1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	7
MC2	NE6m (35%), NE7m (22%), NE5f (19%), NE13p (6%), NE5m (4%), NE9r (4%), NE13r (3%), NE4 (3%), NE10 (3%), NE7c (3%)	SP1	SPC: SB 43SW 42PO 5BF 5BW 5 STKG: 0.76 SC: 1.5 OPERABLE AGE: 65	Target Species:	Sb, Sw
				Acceptable Species:	Bw, Po, Bf, Pj, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.6
				Min. Density:	1500 stems/ha
				Target Density:	1800 stems/ha

Additional Information		Development Information	
		Plantation YC Builder	
SPC:	SB 37BW 29PO 10BF 9SW 7CE 5OC 1PJ 1	SP1 BASC3:	65
STKG:	0.79	SF1 BASC3:	25
SC:	1.50	MC2 EXTN1:	10

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical and/or Chemical	Plant Sb, Sw	Aerial Chemical
Acceptable Alternative Treatments					None or Ground Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	MC2 BASC4 PRW	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	7
MC2	NE6m (35%), NE7m (22%), NE5f (19%), NE13p (6%), NE5m (4%), NE9r (4%), NE13r (3%), NE4 (3%), NE10 (3%), NE7c (3%)	PRW	SPC: PR 40PW 20SW 10BW 15PO 10 CE 3BF 2 STKG: 0.75 SC: 1.5 OPERABLE AGE: 80	Target Species:	Pw, Pr, Sw
				Acceptable Species:	Bw, Po, Sb, Bf, Pj, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.6
				Min. Density:	1500 stems/ha
				Target Density:	1800 stems/ha

Additional Information		Development Information	
		TBD	
SPC:	SB 37BW 29PO 10BF 9SW 7CE 5OC 1PJ 1	PRW BASC4:	85
STKG:	0.79	MC2 EXTN1:	15
SC:	1.50		

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical and/or Chemical	Plant Pw, Pr, Sb	Aerial Chemical
Acceptable Alternative Treatments					None or Ground Chemical

Footnotes:

This SGR can be applied to MW1, MH2, MC2, SF1 and SP1

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	PJ1 EXTN1 PJ1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	7
PJ1	NE6c (48%), NE2 (27%), NE5m (10%), NE7c (7%), NE7m (5%), NE3 (3%)	PJ1	SPC: PJ 83PO 8SB 6BW 3 STKG: 0.75 SC: 1.50 OPERABLE AGE: 65	Target Species:	Pj
				Acceptable Species:	Bw, Po, Sb, Sw, Bf, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.4
				Min. Density:	1000 stems/ha
				Target Density:	1500 stems/ha

Additional Information		Development Information	
		Natural YC Builder	
SPC:	PJ 82SB 11PO 5BW 2	PJ1 EXTN1:	35
		PJ2 EXTN1:	30
STKG:	0.98	MW1 EXTN1:	25
SC:	1.50	SP1 EXTN1:	10

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	None	Natural	None
Acceptable Alternative Treatments					

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	PJ1 BASC1 PJ1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	5
PJ1	NE6c (48%), NE2 (27%), NE5m (10%), NE7c (7%), NE7m (5%), NE3 (3%)	PJ1	SPC: PJ 82SB 11PO 5BW 2 STKG: 0.90 SC: 1.50 OPERABLE AGE: 60	Target Species:	Pj
				Acceptable Species:	Bw, Po, Sb, Sw, Bf, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
Additional Information		Development Information		Minimum STKG:	0.6
			Natural YC Builder		
SPC:	PJ 82SB 11PO 5BW 2	PJ1 BASC1:	75	Min. Density:	1500 stems/ha
STKG:	0.98	PJ2 BASC1:	25	Target Density:	1800 stems/ha
SC:	1.50				

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical	Seed Pj	Aerial Chemical
Acceptable Alternative Treatments			None or Chemical		None or Ground Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	PJ1 BASC2 PJ1	PREFERRED	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	5
PJ1	NE6c (48%), NE2 (27%), NE5m (10%), NE7c (7%), NE7m (5%), NE3 (3%)	PJ1	SPC: PJ 82SB 11PO 5BW 2 STKG: 0.77 SC: 1.50 OPERABLE AGE: 55	Target Species:	Pj, Sb
				Acceptable Species:	Bw, Po, Sw, Bf, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.6
Additional Information		Development Information			
SPC:	PJ 82SB 11PO 5BW 2	Plantation YC Builder		Min. Density:	1500 stems/ha
STKG:	0.98	PJ1 BASC2:	85	Target Density:	1800 stems/ha
SC:	1.50	PJ2 BASC2:	15		

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical and/or Chemical	Plant Pj or Pj, Sb	Aerial Chemical
Acceptable Alternative Treatments					None or Ground Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	PJ1 INTN2 PJ1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	5
PJ1	NE6c (48%), NE2 (27%), NE5m (10%), NE7c (7%), NE7m (5%), NE3 (3%)	PJ1	SPC: PJ 90SB 5PO 3BW 2 STKG: 0.95 SC: 1.50 OPERABLE AGE: 50	Target Species:	Pj, Sb
				Acceptable Species:	Bw, Po, Sw, Bf, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.6
Additional Information		Development Information			
		Plantation YC Builder			
SPC:	PJ 82SB 11PO 5BW 2	PJ1 INTN2:	85	Min. Density:	2000 stems/ha
		PJ2 INTN2:	15	Target Density:	2200 stems/ha
STKG:	0.98				
SC:	1.50				

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical and/or Chemical	Plant Pj or Pj, Sb	Aerial Chemical
Acceptable Alternative Treatments					None or Ground Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	PJ2 EXTN1 SP1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	7
PJ2	NE6c (45%), NE5m (29%), NE3 (9%), NE7c (7%), NE7m (4%), NE6m (3%), NE5f (2%)	SP1	SPC: SB 67BW 11PO 7PJ 6BF 5SW 2CE 1OC 1 STKG: 0.67 SC: 1.50 OPERABLE AGE: 80	Target Species:	Sb, Sw, Pj
				Acceptable Species:	Bw, Po, Bf, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.4
				Min. Density:	1000 stems/ha
				Target Density:	1500 stems/ha

Additional Information		Development Information	
		Natural YC Builder	
SPC:	PJ 56SB 26PO 10BW 6BF 1SW 1	SP1 EXTN1:	35
STKG:	0.91	MW1 EXTN1:	25
SC:	1.50	MC2 EXTN1:	15
		PJ1 EXTN1:	15
		PJ2 EXTN1:	10

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	None	Natural	None
Acceptable Alternative Treatments					

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	PJ2 BASC1 PJ1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	5
PJ2	NE6c (45%), NE5m (29%), NE3 (9%), NE7c (7%), NE7m (4%), NE6m (3%), NE5f (2%)	PJ1	SPC: PJ 82SB 11PO 5BW 2 STKG: 0.90 SC: 1.50 OPERABLE AGE: 60	Target Species:	Pj
				Acceptable Species:	Bw, Po, Sb, Sw, Bf, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.6
Additional Information		Development Information			
			Natural YC Builder		
SPC:	PJ 56SB 26PO 10BW 6BF 1SW 1	PJ1 BASC1:	75	Min. Density:	1500 stems/ha
STKG:	0.91	PJ2 BASC1:	25	Target Density:	1800 stems/ha
SC:	1.50				

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical	Seed Pj	Aerial Chemical
Acceptable Alternative Treatments			None or Chemical		None or Ground Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	PJ2 BASC2 PJ1	PREFERRED	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	5
PJ2	NE6c (45%), NE5m (29%), NE3 (9%), NE7c (7%), NE7m (4%), NE6m (3%), NE5f (2%)	PJ1	SPC: PJ 82SB 11PO 5BW 2 STKG: 0.77 SC: 1.50 OPERABLE AGE: 55	Target Species:	Pj, Sb
				Acceptable Species:	Bw, Po, Sw, Bf, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.6
				Min. Density:	1500 stems/ha
				Target Density:	1800 stems/ha

Additional Information		Development Information	
		Plantation YC Builder	
SPC:	PJ 56SB 26PO 10BW 6BF 1SW 1	PJ1 BASC2:	75
		PJ2 BASC2:	15
STKG:	0.91	SP1 BASC4:	10
SC:	1.50		

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical and/or Chemical	Plant Pj or Pj, Sb	Aerial Chemical
Acceptable Alternative Treatments					None or Ground Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	PJ2 INTN2 PJ1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	5
PJ2	NE6c (45%), NE5m (29%), NE3 (9%), NE7c (7%), NE7m (4%), NE6m (3%), NE5f (2%)	PJ1	SPC: PJ 90SB 5PO 3BW 2 STKG: 0.95 SC: 1.50 OPERABLE AGE: 50	Target Species:	Pj, Sb
				Acceptable Species:	Bw, Po, Sw, Bf, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
Additional Information		Development Information		Minimum STKG:	0.6
		Plantation YC Builder			
SPC:	PJ 56SB 26PO 10BW 6BF 1SW 1	PJ1 INTN2:	75	Min. Density:	2000 stems/ha
STKG:	0.91	PJ2 INTN2:	25	Target Density:	2200 stems/ha
SC:	1.50				

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical and/or Chemical	Plant Pj or Pj, Sb	Aerial Chemical
Acceptable Alternative Treatments					None or Ground Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	PO1 EXTN1 PO1	PREFERRED	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	7
PO1	NE10 (45%), NE7m (29%), NE7c (16%), NE6m (5%), NE6c (4%)	PO1	SPC: PO 67BW 19SB 7BF 2PJ 2 SW 2 STKG: 0.80 SC: 2.00 OPERABLE AGE: 60	Target Species:	Po
				Acceptable Species:	Bw, Sb, Sw, Bf, Pj, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.4
Additional Information		Development Information			
SPC:	PO 71BW 13SB 8BF 3SW 2PB 1PJ 1	Natural YC Builder		Min. Density:	1000 stems/ha
STKG:	0.88	PO1 EXTN1:	85	Target Density:	1500 stems/ha
SC:	2.00	MH2 EXTN1:	10		
		BW1 EXTN1:	5		

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	None	Natural	None
Acceptable Alternative Treatments					

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	PO1 BASC2 PJ1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	5
PO1	NE10 (45%), NE7m (29%), NE7c (16%), NE6m (5%), NE6c (4%)	PJ1	SPC: PJ 82SB 11PO 5BW 2 STKG: 0.77 SC: 1.50 OPERABLE AGE: 55	Target Species:	Pj, Sb
				Acceptable Species:	Bw, Po, Sw, Bf, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
Additional Information		Development Information		Minimum STKG:	0.6
		Plantation YC Builder			
SPC:	PO 71BW 13SB 8BF 3SW 2PB 1PJ 1	PJ1 BASC2:	65	Min. Density:	1500 stems/ha
		PJ2 BASC2:	25	Target Density:	1800 stems/ha
STKG:	0.88	MW1 EXTN1:	10		
SC:	2.00				

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical and/or Chemical	Plant Pj or Pj, Sb	Aerial Chemical
Acceptable Alternative Treatments					None or Ground Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	PO1 BASC3 SP1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	7
PO1	NE10 (45%), NE7m (29%), NE7c (16%), NE6m (5%), NE6c (4%)	SP1	SPC: SB 43SW 42PO 5BF 5BW 5 STKG: 0.76 SC: 1.5 OPERABLE AGE: 65	Target Species:	Sb, Sw
				Acceptable Species:	Bw, Po, Bf, Pj, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.6
				Min. Density:	1500 stems/ha
				Target Density:	1800 stems/ha

Additional Information		Development Information	
		Plantation YC Builder	
SPC:	PO 71BW 13SB 8BF 3SW 2PB 1PJ 1	SP1 BASC3:	50
		SF1 BASC3:	35
STKG:	0.88	MC2 EXTN1:	15
SC:	2.00		

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical and/or Chemical	Plant Sb, Sw	Aerial Chemical
Acceptable Alternative Treatments					None or Ground Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	PRW BASC4 PRW	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	7
PRW	NE20 (73%), NE21 (17%), NE19 (8%), NE7m (2%)	PRW	SPC: PR 40PW 20SW 10BW 15PO 10 CE 3BF 2 STKG: 0.75 SC: 1.5 OPERABLE AGE: 80OPERABLE AGE: 80	Target Species:	Pw, Pr, Sw
				Acceptable Species:	Bw, Po, Sb, Bf, Pj, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.6
				Min. Density:	1500 stems/ha
				Target Density:	1800 stems/ha
Additional Information		Development Information			
SPC:	PW 78PO 9BF 4BW 2PJ 2SW 2CE 1PR 1 SB 1	TBD			
STKG:	0.43	PRW BASC4:	85		
SC:	2.00	MC2 EXTN1:	15		

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical and/or Chemical	Plant Pw, Pr, Sb	Aerial Chemical
Acceptable Alternative Treatments					None or Ground Chemical

Footnotes:

This SGR can be applied to MW1, MH2, MC2, SF1 and SP1 (if no plans to harvest PRW, may not need this SGR, model the MC2->PRW for pine restoration.)

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	SB1 EXTN1 SB1	PREFERRED	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	10
SB1	NE8 (36%), NE12 (26%), NE13p (14%), NE9p (13%), NE11 (8%), NE13r (2%)	SB1	SPC: SB 78OC 9BW 4CE 4BF 2PO 2 SW 1 STKG: 0.60 SC: 2.0 OPERABLE AGE: 90	Target Species:	Sb
				Acceptable Species:	Bw, Po, Sw, Bf, Pj, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
Additional Information		Development Information		Minimum STKG:	0.4
			Natural YC Builder		
SPC:	SB 82OC 9CE 4BF 2BW 2PO 1	SB1 EXTN1:	55	Min. Density:	1000 stems/ha
STKG:	0.69	LC1 EXTN1:	45	Target Density:	1500 stems/ha
SC:	2.00				

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	None	Natural	None
Acceptable Alternative Treatments					Aerial Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	SB1 BASC2 SB1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	7
SB1	NE8 (36%), NE12 (26%), NE13p (14%), NE9p (13%), NE11 (8%), NE13r (2%)	SB1	SPC: SB 82OC 9CE 4BF 2BW 1PO 1 STKG: 0.75 SC: 2.0 OPERABLE AGE: 80	Target Species:	Sb
				Acceptable Species:	Bw, Po, Sw, Bf, Pj, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.6
Additional Information		Development Information			
		Plantation YC Builder			
SPC:	SB 82OC 9CE 4BF 2BW 2PO 1	SB1 BASC2:	85	Min. Density:	1500 stems/ha
		LC1 EXTN1:	15	Target Density:	1800 stems/ha
STKG:	0.69				
SC:	2.00				

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical and/or Chemical	Plant Sb	Aerial Chemical
Acceptable Alternative Treatments					None or Ground Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	SF1 EXTN1 SF1	PREFERRED	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	7
SF1	NE6m (31%), NE6c (29%), NE5f (11%), NE4 (11%), NE3 (5%), NE7m (3%), NE5m (3%), NE10 (3%), NE7c (2%), NE1r (2%)	SF1	SPC: SB 38BW 16BF 15SW 13CE 9 PO 4OC 2PJ 2 STKG: 0.65 SC: 1.5 OPERABLE AGE: 75	Target Species:	Sb, Sw, Bf
				Acceptable Species:	Bw, Po, Pj, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.4
				Min. Density:	1000 stems/ha
				Target Density:	1500 stems/ha

Additional Information		Development Information	
			Natural YC Builder
SPC:	SB 39BF 14BW 14CE 12SW 12PO 4OC 3 PJ 1	SF1 EXTN1:	65
STKG:	0.73	MC2 EXTN1:	20
SC:	1.50	PO1 EXTN1:	15

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	None	Natural	None
Acceptable Alternative Treatments					

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	SF1 BASC3 SF1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	7
SF1	NE6m (31%), NE6c (29%), NE5f (11%), NE4 (11%), NE3 (5%), NE7m (3%), NE5m (3%), NE10 (3%), NE7c (2%), NE1r (2%)	SF1	SPC: SB 33SW 33BF 24PO 5BW 5 STKG: 0.73 SC: 1.5 OPERABLE AGE: 65	Target Species:	Sb, Sw
				Acceptable Species:	Bw, Po, Bf, Pj, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.6
				Min. Density:	1500 stems/ha
				Target Density:	1800 stems/ha

Additional Information		Development Information	
		Plantation YC Builder	
SPC:	SB 39BF 14BW 14CE 12SW 12PO 4OC 3 PJ 1	SF1 BASC3:	60
STKG:	0.73	SP1 BASC3:	25
SC:	1.50	MC2 EXTN1:	15

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical and/or Chemical	Plant Sb, Sw	Aerial Chemical
Acceptable Alternative Treatments					None or Ground Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	SP1 EXTN1 SF1	PREFERRED	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	7
SP1	NE5f (50%), NE5m (20%), NE6m (8%), NE6c (8%), NE3 (7%), NE4 (7%)	SF1	SPC: SB 38BW 16BF 15SW 13CE 9 PO 4OC 2PJ 2 STKG: 0.65 SC: 1.5 OPERABLE AGE: 75	Target Species: Acceptable Species: Min. Conifer Ht: Min. Hardwood Ht: Minimum STKG:	Sb, Sw, Bf Bw, Po, Pj, Pr, Pw, Ce, La, Oh 0.8 m 1.5 m 0.4
Additional Information		Development Information		Min. Density: Target Density:	1000 stems/ha 1500 stems/ha
		Natural YC Builder			
SPC: SB 70BW 11BF 5PJ 5PO 5CE 2OC 1SW 1 STKG: 0.76 SC: 1.50		SF1 EXTN1: 45 SP1 EXTN1: 25 MC2 EXTN1: 20 PO1 EXTN1: 10			

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	None	Natural	None
Acceptable Alternative Treatments					

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	SP1 BASC2 PJ1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	5
SP1	NE5f (50%), NE5m (20%), NE6m (8%), NE6c (8%), NE3 (7%), NE4 (7%)	PJ1	SPC: PJ 82SB 11PO 5BW 2 STKG: 0.77 SC: 1.50 OPERABLE AGE: 55	Target Species:	Pj, Sb
				Acceptable Species:	Bw, Po, Sw, Bf, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
				Minimum STKG:	0.6
Additional Information		Development Information			
		Plantation YC Builder			
SPC:	SB 70BW 11BF 5PJ 5PO 5CE 2OC 1SW 1	PJ1 BASC2:	45	Min. Density:	1500 stems/ha
		PJ2 BASC2:	30	Target Density:	stems/ha
STKG:	0.76	SP1 BASC4:	15		1800 stems/ha
SC:	1.50	MC2 EXTN1:	10		

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical and/or Chemical	Plant Pj or Pj, Sb	Aerial Chemical
Acceptable Alternative Treatments					None or Ground Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	SP1 BASC3 SP1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	7
SP1	NE5f (50%), NE5m (20%), NE6m (8%), NE6c (8%), NE3 (7%), NE4 (7%)	SP1	SPC: SB 43SW 42PO 5BF 5BW 5 STKG: 0.76 SC: 1.5 OPERABLE AGE: 65	Target Species:	Sb, Sw
				Acceptable Species:	Bw, Po, Bf, Pj, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
Additional Information		Development Information		Minimum STKG:	0.6
		Plantation YC Builder			
SPC:	SB 70BW 11BF 5PJ 5PO 5CE 2OC 1SW 1	SP1 BASC3:	65	Min. Density:	1500 stems/ha
STKG:	0.76	SF1 BASC3:	20	Target Density:	1800 stems/ha
SC:	1.50	MC2 EXTN1:	15		

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical and/or Chemical	Plant Sb, Sw	Aerial Chemical
Acceptable Alternative Treatments					None or Ground Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	SP1 BASC4 SP1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	5
SP1	NE5f (50%), NE5m (20%), NE6m (8%), NE6c (8%), NE3 (7%), NE4 (7%)	SP1	SPC: PJ 34SB 26SW 25PO 5BF 5BW 5 STKG: 0.76 SC: 1.5 OPERABLE AGE: 65	Target Species:	Sb, Sw, Pj
				Acceptable Species:	Bw, Po, Bf, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
Additional Information		Development Information		Minimum STKG:	0.6
		Plantation YC Builder			
SPC:	SB 70BW 11BF 5PJ 5PO 5CE 2OC 1SW 1	SP1 BASC4:	65	Min. Density:	1500 stems/ha
STKG:	0.76	PJ2 BASC2:	20	Target Density:	1800 stems/ha
SC:	1.50	MC2 EXTN1:	15		

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical and/or Chemical	Plant Sb, Sw, Pj	Aerial Chemical
Acceptable Alternative Treatments					None or Ground Chemical

Footnotes:

FMP-4 SILVICULTURAL GROUND RULES

SGR Code	SP1 INTN4 SP1	Silviculture System	Clearcut

Current Condition		Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)	Forest Unit	Stand Characteristics	Age of Survey:	5
SP1	NE5f (50%), NE5m (20%), NE6m (8%), NE6c (8%), NE3 (7%), NE4 (7%)	SP1	SPC: PJ 36SB 28SW 26PO 5BF 3BW 2 STKG: 0.90 SC: 1.5 OPERABLE AGE: 60	Target Species:	Pj, Sb, Sw
				Acceptable Species:	Bw, Po, Bf, Pr, Pw, Ce, La, Oh
				Min. Conifer Ht:	0.8 m
				Min. Hardwood Ht:	1.5 m
Additional Information		Development Information		Minimum STKG:	0.6
		Plantation YC Builder			
SPC:	SB 70BW 11BF 5PJ 5PO 5CE 2OC 1SW 1	SP1 INTN4:	55	Min. Density:	2000 stems/ha
STKG:	0.76	PJ2 INTN2:	35	Target Density:	2200 stems/ha
SC:	1.50	MC2 EXTN1:	10		

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Conventional	Full Tree or Short Wood	Mechanical and/or Chemical	Plant Pj, Sb, Sw	Aerial Chemical
Acceptable Alternative Treatments					None or Ground Chemical

Footnotes:

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-5: Post-harvest Renewal Transition Rules

Forest Unit	Regeneration Type	Target Silvicultural Stratum																					
		BW1		LC1		MW1		MC2		MH2		PRW		PJ1		PJ2		PO1		SB1		SF1		SP1	
		%	Yield Curve	%	Yield Curve	%	Yield Curve	%	Yield Curve	%	Yield Curve	%	Yield Curve	%	Yield Curve	%	Yield Curve	%	Yield Curve	%	Yield Curve	%	Yield Curve	%	Yield Curve
BW1	Natural Regen	25%	EXTEN							10%	EXTEN							55%	EXTEN			10%	EXTEN		
	Plant Pj; or Pj, Sb					20%	EXTEN							60%	BASC2	20%	BASC2								
LC1	Natural Regen			65%	EXTEN															35%	EXTEN				
	Plant			40%	EXTEN															60%	BASC2				
MW1	Natural Regen									20%	EXTEN					10%	EXTEN	30%	EXTEN					40%	EXTEN
	Natural Regen									25%	EXTEN							45%	EXTEN			5%	EXTEN	25%	EXTEN
	Plant Pj; or Pj, Sb													60%	BASC2	40%	BASC2								
MC2	Natural Regen							35%	EXTEN	20%	EXTEN							15%	EXTEN			30%	EXTEN		
	Plant Sw/Sb							10%	EXTEN													25%	BASC3	65%	BASC3
	PlantPlant Px/Sx							15%	EXTEN			85%	BASC4												
MH2	Natural Regen	10%	EXTEN							15%	EXTEN							65%	EXTEN			10%	EXTEN		
	Plant Sw/Sb							15%	EXTEN	20%	EXTEN											20%	BASC3	45%	BASC3
PJ1	Natural Regen					25%	EXTEN							35%	EXTEN	30%	EXTEN							10%	EXTEN
	Seed Pj													75%	BASC1	25%	BASC1								
	Plant Pj; or Pj, Sb													85%	BASC2	15%	BASC2								
	Plant Pj; or Pj, Sb													85%	INTN2	15%	INTN2								
PJ2	Natural Regen					25%	EXTEN	15%	EXTEN					15%	EXTEN	10%	EXTEN							35%	EXTEN
	Seed Pj													75%	BASC1	25%	BASC1								
	Plant Pj; or Pj, Sb													75%	BASC2	15%	BASC2							10%	BASC4
	Plant Pj; or Pj, Sb													75%	INTN2	25%	INTN2								
PO1	Natural Regen	5%	EXTEN							10%	EXTEN							85%	EXTEN						
	Plant					10%	EXTEN							65%	BASC2	25%	BASC2								
	Plant							15%	EXTEN													35%	BASC3	50%	BASC3
SB1	Natural Regen			45%	EXTEN															55%	EXTEN				
	Plant Sb			15%	EXTEN															85%	BASC2				
SF1	Natural Regen							20%	EXTEN									15%	EXTEN			65%	EXTEN		
	Plant Sw/Sb							15%	EXTEN													60%	BASC3	25%	BASC3
SP1	Natural Regen							20%	EXTEN									10%	EXTEN			45%	EXTEN	25%	EXTEN
	Plant Pj; or Pj, Sb							10%	EXTEN					45%	BASC2	30%	BASC2							15%	BASC4
	Plant Sw/Sb							15%	EXTEN													20%	BASC3	65%	BASC3
	Plant Sw/Sb, Pj							15%	EXTEN							20%	BASC2							65%	BASC4
	Plant Sw/Sb, Pj							10%	EXTEN							35%	INTN2							55%	INTN4

MANAGEMENT UNIT NAME: Romeo Malette Forest
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FMP-6: Projected Forest Condition for the Crown Productive Forest

Forest Type	Age	Area (ha)					
		2019	2039	2059	2079	2099	2119
BOG	0 - 20	-	-	-	-	-	-
	21 - 40	27	-	-	-	-	-
	41 - 60	105	27	-	-	-	-
	61 - 80	586	105	27	-	-	-
	81 - 100	2,504	586	105	27	-	-
	101 - 120	3,688	2,504	586	105	27	-
	121 - 140	1,664	3,688	2,504	586	105	27
	141 plus	713	2,377	6,065	8,569	9,155	9,260
	BOG Subtotal	9,287	9,287	9,287	9,287	9,287	9,287
BW1	0 - 20	3,429	1,549	741	1,947	1,138	562
	21 - 40	4,727	3,429	1,549	741	1,947	1,138
	41 - 60	8,707	4,727	3,429	1,549	741	1,947
	61 - 80	17,160	8,449	4,650	3,183	1,075	434
	81 - 100	10,837	16,760	8,298	3,647	2,190	489
	101 - 120	1,372	6,573	9,527	2,495	650	290
	121 - 140	110	422	3,063	2,611	762	324
	141 plus	-	22	138	1,890	3,510	3,713
	BW1 Subtotal	46,343	41,932	31,395	18,064	12,012	8,897
LC1	0 - 20	5,745	11,985	7,743	7,254	11,091	9,929
	21 - 40	4,586	5,745	11,985	7,743	7,254	11,091
	41 - 60	6,206	4,586	5,745	11,985	7,743	7,254
	61 - 80	5,722	6,206	4,586	5,745	11,985	7,743
	81 - 100	14,244	5,670	6,204	4,586	5,745	11,985
	101 - 120	12,273	11,596	5,070	5,880	2,789	3,180
	121 - 140	7,040	9,727	10,864	4,920	2,767	1,936
	141 plus	3,711	8,951	15,729	23,916	24,624	22,269
	LC1 Subtotal	59,527	64,465	67,926	72,028	73,998	75,387

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-6: Projected Forest Condition for the Crown Productive Forest

Forest Type	Age	Area (ha)					
		2019	2039	2059	2079	2099	2119
MW1	0 - 20	2,643	517	1,831	2,935	2,353	1,486
	21 - 40	6,758	2,643	517	1,831	2,935	2,353
	41 - 60	3,755	6,758	2,643	517	1,831	2,935
	61 - 80	3,286	3,420	6,566	2,643	477	1,802
	81 - 100	6,161	2,309	2,269	6,359	2,687	776
	101 - 120	2,894	3,352	1,101	1,901	4,840	2,550
	121 - 140	497	1,292	1,094	335	646	968
	141 plus	83	48	123	110	23	105
	MW1 Subtotal	26,078	20,340	16,145	16,631	15,790	12,974
MC2	0 - 20	5,014	16,845	14,032	17,016	13,876	15,731
	21 - 40	3,089	5,014	16,845	14,032	17,016	13,876
	41 - 60	3,273	3,089	5,014	16,845	14,032	17,016
	61 - 80	6,034	3,130	3,089	5,014	16,845	14,032
	81 - 100	8,919	4,075	2,738	3,074	4,930	15,187
	101 - 120	4,528	5,465	2,752	2,579	2,955	3,874
	121 - 140	1,196	4,868	10,019	10,893	9,967	7,146
	141 plus	339	296	1,119	2,446	1,794	877
	MC2 Subtotal	32,392	42,780	55,607	71,898	81,415	87,739
MH2	0 - 20	3,406	7,234	4,487	2,055	1,147	2,146
	21 - 40	5,048	3,406	7,234	4,487	2,055	1,147
	41 - 60	9,075	5,048	3,406	7,234	4,487	2,055
	61 - 80	17,061	8,569	5,048	3,406	7,234	4,419
	81 - 100	12,952	11,257	7,592	4,801	3,140	6,404
	101 - 120	3,368	11,699	12,649	12,434	6,902	3,626
	121 - 140	488	2,841	4,932	6,675	3,349	2,097
	141 plus	39	8	-	-	-	-
	MH2 Subtotal	51,437	50,062	45,349	41,091	28,314	21,894

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-6: Projected Forest Condition for the Crown Productive Forest

Forest Type	Age	Area (ha)					
		2019	2039	2059	2079	2099	2119
OH1	0 - 20	111	-	-	-	-	-
	21 - 40	37	111	-	-	-	-
	41 - 60	76	37	111	-	-	-
	61 - 80	357	76	37	111	-	-
	81 - 100	412	357	76	37	111	-
	101 - 120	41	412	357	76	37	111
	121 - 140	-	41	412	357	76	37
	141 plus	-	-	41	453	810	886
	OH1 Subtotal	1,034	1,034	1,034	1,034	1,034	1,034
PJ1	0 - 20	12,562	11,924	14,834	13,615	14,115	13,974
	21 - 40	13,494	12,562	11,924	14,834	13,615	14,115
	41 - 60	3,172	12,968	12,247	11,414	14,069	12,901
	61 - 80	2,289	1,948	6,358	9,401	4,838	7,641
	81 - 100	2,529	1,729	681	2,124	5,028	1,621
	101 - 120	1,184	1,616	450	356	1,145	2,402
	121 - 140	131	648	1,102	415	294	854
	141 plus	8	83	355	472	660	683
	PJ1 Subtotal	35,367	43,477	47,952	52,631	53,765	54,191
PJ2	0 - 20	5,515	1,078	1,469	1,846	1,995	1,044
	21 - 40	4,805	5,515	1,078	1,469	1,846	1,995
	41 - 60	1,397	4,699	5,495	849	1,339	1,721
	61 - 80	1,043	1,141	3,023	2,866	395	654
	81 - 100	1,805	818	630	612	1,027	112
	101 - 120	1,025	1,160	300	179	407	579
	121 - 140	154	790	950	304	220	397
	141 plus	19	99	665	731	362	240
	PJ2 Subtotal	15,764	15,301	13,611	8,855	7,590	6,743

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-6: Projected Forest Condition for the Crown Productive Forest

Forest Type	Age	Area (ha)					
		2019	2039	2059	2079	2099	2119
PO1	0 - 20	11,086	19,381	19,427	19,047	20,007	17,224
	21 - 40	10,154	11,086	19,381	19,427	19,047	20,007
	41 - 60	9,199	10,154	11,086	19,381	19,427	19,047
	61 - 80	9,937	8,728	8,564	7,678	12,276	14,785
	81 - 100	9,438	7,987	6,370	4,217	4,843	6,933
	101 - 120	3,293	4,964	4,250	3,407	3,007	3,572
	121 - 140	718	-	-	-	-	-
	141 plus	-	-	-	-	-	-
	PO1 Subtotal	53,825	62,300	69,079	73,157	78,607	81,568
PRW	0 - 20	30	78	52	108	98	-
	21 - 40	4	30	78	52	108	98
	41 - 60	123	4	30	78	52	108
	61 - 80	121	123	4	30	78	52
	81 - 100	18	121	123	4	30	78
	101 - 120	64	18	121	123	4	30
	121 - 140	101	64	18	121	123	4
	141 plus	264	366	430	448	569	692
	PRW Subtotal	726	804	856	964	1,062	1,062
SB1	0 - 20	15,584	16,445	8,538	6,698	7,241	10,348
	21 - 40	9,529	15,584	16,445	8,538	6,698	7,241
	41 - 60	7,014	9,529	15,584	16,445	8,538	6,698
	61 - 80	7,876	7,014	9,529	15,584	16,445	8,538
	81 - 100	17,487	6,126	6,367	7,519	11,499	12,211
	101 - 120	11,328	8,844	2,604	1,725	4,200	4,649
	121 - 140	8,111	5,754	4,505	1,255	933	3,890
	141 plus	3,074	5,498	7,620	9,259	9,443	9,987
	SB1 Subtotal	80,003	74,794	71,193	67,024	64,998	63,562

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-6: Projected Forest Condition for the Crown Productive Forest

Forest Type	Age	Area (ha)					
		2019	2039	2059	2079	2099	2119
SF1	0 - 20	5,356	5,358	6,059	7,014	6,429	6,503
	21 - 40	2,848	5,356	5,358	6,059	7,014	6,429
	41 - 60	2,248	2,848	5,356	5,358	6,059	7,014
	61 - 80	3,374	2,226	2,729	4,790	4,992	5,550
	81 - 100	5,758	2,272	1,835	1,104	3,013	3,830
	101 - 120	3,875	4,036	2,001	1,551	1,176	1,707
	121 - 140	2,382	2,953	4,255	5,055	11,600	11,743
	141 plus	1,229	3,483	7,347	16,963	20,399	25,559
	SF1 Subtotal	27,071	28,531	34,941	47,894	60,683	68,335
SP1	0 - 20	19,001	2,526	2,320	2,183	3,059	3,234
	21 - 40	10,451	19,001	2,526	2,320	2,183	3,059
	41 - 60	5,462	10,451	19,001	2,526	2,320	2,183
	61 - 80	5,806	5,179	8,876	15,951	1,969	1,758
	81 - 100	18,779	3,675	3,614	2,442	8,284	874
	101 - 120	12,482	9,053	1,932	941	1,597	3,147
	121 - 140	5,492	7,221	6,206	1,768	982	1,447
	141 plus	1,199	2,778	4,520	3,861	3,253	3,551
	SP1 Subtotal	78,672	59,883	48,995	31,992	23,648	19,254

MANAGEMENT UNIT NAME: Romeo Malette Forest
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FMP-6: Projected Forest Condition for the Crown Productive Forest

Forest Type	Age	Area (ha)					
		2019	2039	2059	2079	2099	2119
All Forest Units	0 - 20	89,482	94,920	81,533	81,718	82,549	82,181
	21 - 40	75,557	89,482	94,920	81,533	81,718	82,549
	41 - 60	59,812	74,925	89,147	94,181	80,638	80,879
	61 - 80	80,652	56,314	63,086	76,402	78,609	67,408
	81 - 100	111,843	63,742	46,902	40,553	52,527	60,500
	101 - 120	61,415	71,292	43,700	33,752	29,736	29,717
	121 - 140	28,084	40,309	49,924	35,295	31,824	30,870
	141 plus	10,678	24,009	44,152	69,118	74,602	77,822
All Forest Units Total		517,523	514,993	513,364	512,552	512,203	511,926
Roads and Landings		7,700	10,230	11,859	12,671	13,020	13,297
Total		525,223	525,223	525,223	525,223	525,223	525,223

Note: The cumulative roads and landings are portrayed at the bottom of this table. When the Patchworks model is initiated, land deductions are applied to managed stands (i.e., SI < > PRSNT) and following that, any time a stand is harvested. Although not part of the productive forest landbase, they are shown here to account for variance between the total Crown Productive Forest described in FMP-1 (525,215 ha) compared to the total Crown Productive Forest summarized above (517,523 ha). When roads and landings are accounted for, the total area for 2019 in Patchworks (525,223 ha) is much closer to FMP-1. This eight hectare variance is due to rounding.

Source: Patchworks Model, V1_RMF_SLTMD6

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-7: Projected Habitat for Selected Wildlife Species

Species	Area (ha)					
	2019	2039	2059	2079	2099	2119
This table predates current direction regarding wildlife habitat management. Wildlife habitat is no longer tracked as outlined in FMP-6. The current direction is outlined in the *Forest Management Guide for Boreal Landscapes* (2014), or BLG, which indicates that habitat is assessed and tracked using the BLG indicators, with the associated milestones that provide direction for achievement through time. Refer to **Table FMP-9** for assessment of achievement of these indicators.						

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-8: Projected Available Harvest Area by Forest Unit

Forest Unit	Available Harvest Area (ha)					
	2019 [1]	2039	2059	2079	2099	2119
BW1	1,101	347	2,071	3,519	1,221	346
LC1	4,565	1,454	697	4,846	2,820	4,480
MW1	2,359	2,760	766	440	599	675
MC2	4,264	4,810	5,466	4,376	8,092	8,868
MH2	7,033	6,326	2,615	2,260	2,522	3,111
PJ1	1,307	5,642	4,714	6,275	6,715	6,707
PJ2	785	1,949	2,845	1,862	1,078	893
PO1	3,988	4,336	5,671	6,356	6,119	6,029
SB1	11,686	5,568	4,255	3,662	5,761	5,291
SF1	2,679	1,769	3,070	3,908	2,112	3,337
SP1	11,220	6,024	7,882	5,211	4,892	1,537
Total	50,987	40,985	40,052	42,715	41,931	41,274

[1] The 10 year AHA for 2019 is derived from the harvest scheduled generated by SLTMD6 to reflect the forest unit condition at 2019; the Patchworks harvest area reports for the first 10 year period reflects the forest unit at the time of harvest (after succession has occurred in some cases) which is why this was not used for the 2019 values.

Source: Patchworks Model, V1_RMF_SLTMD6

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

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^3)					
		2019	2039	2059	2079	2099	2119
SPF	all	3,369,602	3,402,657	3,423,075	3,433,972	3,439,600	3,442,515
Po	all	967,332	980,159	996,027	998,696	998,904	999,872
Bw	all	593,445	534,492	524,793	520,115	521,780	524,260
OC	all	437,476	218,090	175,005	311,147	259,672	321,935
Total		5,367,855	5,135,398	5,118,900	5,263,930	5,219,956	5,288,582

Source: Patchworks Model, V1_RMF_SLTMD6

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN PERIOD: 2019-2029

FMP-10 Assessment of Objective Achievement

Management Objective	Indicator	Plan Start	Desirable Level	Timing of Assessment	Target	LTMD - Projections			Assessment
						Short (10 years)	Medium (20 years)	Long (100 years)	
1.0 To develop, over time, a forest with an age class structure, composition and abundance that resembles that of a fire-driven boreal forest ecosystem that is capable of supporting a broad range of wildlife species.	Landscape Class	Area (ha)		During the Development of the LTMD	Area (ha)	Area (ha)	Area (ha)	Area (ha)	
	1.1 Area of Immature and older pine	15,721	Increase and maintain within the IQR (33,090 to 51,470 ha)		33,090	21,506	21,780	33,072	The desired level is to increase and maintain within the interquartile range based on the BLG directional statements. The target area (33,090 hectares) was achieved in the long-term, with areas increasing from 15,721 hectares at plan start (2019) to 21,506 hectares in the short term and to an area of 33,072 hectares after 100 years (2119).
	1.2 Area of Mature and older upland conifer	54,489	Maintain within the IQR (35,961 to 52,330 ha)		35,961	47,007	38,588	53,444	The desired level is to maintain within the interquartile range based on the BLG directional statements. The target area (35,961 hectares) was achieved in the short and medium-term. The area available at 2119 (53,444 hectares) was just outside of the interquartile range (102% of the upper limit or 75% percentile), but not to a degree that concerned the planning team.
	1.3 Immature and older hardwood and immature mixedwood	113,707	Maintain within the IQR (103,881 to 134,722 ha)		103,881	109,619	97,745	103,795	The desired level is to maintain within the interquartile range based on the BLG directional statements. The target area (103,881 hectares) was met in the short-term and long-term, however, in the medium term it drops below the 25th percentile with only 94% of target being achieved. This was one of the most constrained indicators, competing with other objectives, particularly the poplar volume achievement. Efforts to meet the target resulted in significant reductions to poplar volume (well below current demand) which was not acceptable to the planning team.
	1.4 Mature and older mixedwood	57,134	Maintain within the IQR (55,001 to 79,298)		55,001	57,001	56,096	54,798	The BLG direction for the RMF is to increase and maintain within the IQR, however plan start values are already within the IQR so the desired level is to maintain within the interquartile range. The target area (55,001 hectares) was achieved in the short, medium-term and within 0.4% in the long-term (54,798 hectares).
	1.5 Mature and older lowland conifer	77,262	Maintain within the IQR (59,157 to 124,998)		59,157	68,825	62,159	70,099	The desired level is to maintain within the interquartile range based on the BLG directional statements. The target area (59,157 hectares) was achieved in the short, medium and long-term with an area of 77,262 hectares available at plan start (2019), 68,825 hectares after 10 years, 62,159 hectares after 20 years, increasing to 70,099 hectares after 100 years (2119).
	Old Growth 1.6 Total old growth area	93,051	Increase and maintain within the IQR (113,944 to 160,929 ha)	During the Development of the LTMD	113,944	108,257	115,172	113,836	The desired level is to increase and maintain within the interquartile range based on the BLG directional statements. The target area (113,944 hectares) was achieved in the medium and long-term increasing from 93,051 hectares at plan start (2019) to an area of 113,836 hectares after 100 years (2119).
	Forest Unit Groupings 1.7 Area of the PRW forest unit (all ages)	730	Maintain or increase the current area of PRW by condudting 100 hectares of PRW restoration per 10 year period	During the Development of the LTMD and at the 5 and 10 Year Annual Reports	Maintain or increase the current area of PRW by condudting 100 hectares of PRW restoration per 10 year period	770	812	1,083	The area of PRW is projected to be maintained over time from an area of 730 hectares at plan start (2019) to an area of 1,083 hectares by year 100. Since no harvest is taking place in the PRW forest unit and there are no net gains/losses of PRW via succession, the increase in area is coming from red and white pine restoration treatments (MC2 BASC4 PRW), targeted at 100 hectares per period. In the 2019-2029 FMP, almost 120 hectares of treatments are forecast.
	1.8 Area of conifer forest units (all ages)	296,381	Maintain within the IQR (251,420 to 316,384 ha)	During the Development of the LTMD	251,420	290,014	286,427	287,446	The desired level is to maintain within the interquartile range based on the BLG directional statements. The target area (251,420 hectares) was achieved in the short, medium and long-term with an area of 296,381 hectares available at plan start (2019) to an area of 287,446 hectares after 100 years (2119).
	1.9 Area of young forest (< 36 years)	151,839	Move towards and/or maintain within the IQR (55,997 to 105,383 ha)	During the Development of the LTMD	55,997	158,756	172,756	151,530	The desired level is to move toward and/or maintain within the interquartile range based on the BLG directional statements. No minimum target was established for young forest because the amount of young forest was not limited as it was a result of harvesting treatments. However, no maximum area target was established. The plan start level (151,839 hectares) is above the IQR of 55,997 to 105,383 hectares, and although there is movement toward the IQR in the medium term (Periods 3, 4 and 5) after this the area of young forest starts to slowly increase with 151,530 hectares available after 100 years (2119). This was an oversight in the development of the proposed management strategy, however, additional analysis of SLTMD6 suggests that after 70 years the young forest trend can be influenced to continue to move towards the IQR to Year 100 without impacting short-term harvest levels. It is possible to maintain the movement towards by setting this objective for the longer-term planning periods.

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FMP-10 Assessment of Objective Achievement

Management Objective	Indicator	Plan Start	Desirable Level	Timing of Assessment	Target	LTMD - Projections: Short (10 years)	LTMD - Projections: Medium (20 years)	LTMD - Projections: Long (100 years)	Assessment
2.0 To develop, over time, a forest with a landscape pattern resembling a fire-driven boreal forest ecosystem that is capable of supporting a broad range of wildlife species.	2.1 Texture of mature and old forest - 5,000 ha hexagon frequency distribution .01-.20 .21-.40 .41-.60 .61-.80 > .80	Proportion of Forested Area 0.03 0.27 0.53 0.16 0.01	Move towards and/or maintain within the SRNV	During the Development of the LTMD	Move towards the mean SRNV 0.08 0.19 0.32 0.38 0.04	Proportion of Forested Area 0.07 0.32 0.48 0.10 0.04	Proportion of Forested Area 0.07 0.49 0.30 0.09 0.05	N/A	The desired level is to move towards and/or maintain within the SRNV and the target is to move towards the mean SRNV. Based on the harvest areas identified in the proposed management strategy, there is movement towards the mean in three of the five classes (.01-.20, .41-.60 and >.80). There is movement away from the mean, however, for the .21-.40 and .61-.80 classes. There is an opportunity through operational planning to make adjustments to the LTMD harvest schedule (i.e., consolidating or avoiding areas outside of the operational deferrals and preferred area) to improve the mature and old forest texture, provided the intent of the LTMD is met (i.e., no significant change to the achievement of the suite of objectives). For more discussion on this indicator see Section 3.6.3 of the FMP text.
	2.2 Texture of mature and old forest - 500 ha hexagon frequency distribution .01-.20 .21-.40 .41-.60 .61-.80 > .80	Proportion of Forested Area 0.12 0.28 0.34 0.17 0.09	Move towards and/or maintain within the SRNV	During the Development of the LTMD	Move towards the mean SRNV 0.15 0.19 0.19 0.32 0.16	Proportion of Forested Area 0.15 0.30 0.29 0.16 0.10	Proportion of Forested Area 0.17 0.38 0.24 0.10 0.10	N/A	The desired level is to move towards and/or maintain within the SRNV and the target is to move towards the mean SRNV. Based on the harvest areas identified in the proposed management strategy, there is movement towards the mean in three of the five classes (.01-.20, .41-.60 and >.80) although for the .01-.20 class after the first period there is movement away from the mean. There is an opportunity through operational planning to make adjustments to the LTMD harvest schedule (i.e., consolidating or avoiding areas outside of the operational deferrals and preferred area) to improve the mature and old forest texture, provided the intent of the LTMD is met (i.e., no significant change to the achievement of the suite of objectives). For more discussion on this indicator see Section 3.6.3 of the FMP text.
	2.3 Young forest patch size - patch size frequency 1-100 101-250 251-500 501-1,000 1,001-2,500 2,501-5,000 5,001-10,000 10,001-20,000 > 20,000	Proportion of Forested Area 0.53 0.24 0.12 0.06 0.04 0.01 0.00 0.01 0.00	Move towards and/or maintain within the SRNV	During the Development of the LTMD	Move towards the mean SRNV 0.64 0.14 0.07 0.05 0.04 0.02 0.02 0.01 0.01	Proportion of Forested Area 0.54 0.22 0.14 0.05 0.03 0.01 0.00 0.00 0.01	Proportion of Forested Area 0.53 0.24 0.09 0.08 0.03 0.01 0.00 0.01 0.00	N/A	The desired level is to move towards and/or maintain within the SRNV and the target is to move towards the mean SRNV. Based on the harvest areas identified in the proposed management strategy, in the short-term (2029) there is movement towards the mean in four of the classes (1-100, 101-250, 501-1,000 and 20,000+). There was movement away from the mean in three classes (251-500, 1,001-2,500 and 10,001-20,000) and there was no change from plan start for two of the classes (2,501 and 5,000 and 5,001-10,000). In the medium-term, there is improvement for some classes 251-500 and 10,001-20,000), while other classes decline (1-100, 101-250 and 501-1,000). Much of work done within the Patchworks model to affect texture was done at the coarse scale (500 and 5,000 hectares), whereas the young forest patch size targets represent a much finer texture (i.e., 15 hectare hexagons). Operational planning is the appropriate scale to affect change for the texture of young forest. The young forest patch size maps from OLT for the SLTMD6 scenario may be used as tools to inform the selection of final harvest areas

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FMP-10 Assessment of Objective Achievement

Management Objective	Indicator	Plan Start	Desirable Level	Timing of Assessment	Target	LTMD - Projections			Assessment
						Short (10 years)	Medium (20 years)	Long (100 years)	
3.0 To create a forest landscape condition which provides an adequate amount and distribution of caribou habitat within the area of the Kesagami Range which overlaps the Romeo Malette Forest.	3.1 The planned harvest area (ha) within the Kesagami Range	9,318	Schedule the remaining eligible harvest area within the Kesagami Range within the first ten years of the FMP	During the Development of the LTMD	Schedule the remaining eligible and operable harvest area within the Kesagami Range within the first ten years of the FMP	6,841			At plan start there was 9,318 hectares of eligible area within the caribou zone (source: RMF_v3_time0_eligible.shp). The area allocated within the caribou zone in Period 1 is 6,841 hectares or 74 percent of the eligible area. The Period 1 allocation was selected based on preferred areas identified by operations staff within the caribou zone that would be operationally feasible to complete in a ten-year period.
	3.2 The area of winter suitable habitat (ha) within the Kesagami Range	14,709	Move towards and/or maintain within the IQR (23,904 to 25,430 ha)		Move towards and/or maintain within the IQR	8,965	9,366	22,937	The desired level and target is to increase and maintain within the interquartile range of 23,904 to 25,430 hectares, however minimum area targets were not established within the base model. The SRNV for winter suitable habitat within the RMF represents only a sub-set of the larger Range 7 and it is expected that the winter suitable habitat be available across all planning periods at the range level and not just the portion that intersects the RMF. The plan start area of winter suitable habitat is 14,709 hectares, which drops to 8,965 hectares after much of the eligible area is harvested in Period 1. However, as conifer stands within the caribou zone age and reach suitability (ages 41 to 51) in the medium to long-term, movement toward the IQR occurs with 22,937 hectares of habitat by 2119.
	3.3 The area of mature conifer habitat (ha) within the Kesagami Range	6,025	Move towards and/or maintain within the IQR (8,472 to 11,795 ha)		Move towards and/or maintain within the IQR	3,103	3,146	10,952	The desired level and target is to increase and maintain within the interquartile range of 8,472 to 11,795 hectares, however minimum area targets were not established within the base model. The SRNV for mature conifer habitat within the RMF represents only a sub-set of the larger Range 7 and it is expected that the mature conifer habitat be available across all planning periods at the range level and not just the portion that intersects the RMF. The plan start area of mature conifer habitat is 6,025 hectares, which drops to 3,103 hectares after much of the eligible area is harvested in Period 1. However, as stands within the caribou zone reach maturity in the long-term, the area reaches the IQR occurs with 10,952 hectares of habitat by 2119.

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FMP-10 Assessment of Objective Achievement

Management Objective	Indicator	Plan Start	Desirable Level	Timing of Assessment	Target	LTMD - Projections: Short (10 years)	LTMD - Projections: Medium (20 years)	LTMD - Projections: Long (100 years)	Assessment
4.0 Consider the provision of Moose Emphasis Areas (MEAs) on the Romeo Malette Forest.	4.1 Area of Romeo Malette Forest Managed as Moose Emphasis Areas	Four MEAs established during the 2014 Planned Ops	Up to 10% of the RMF managed as MEAs > 2,000 hectares with a preference for areas greater than 10,000 hectares	Upon the Completion of Operational Planning	Up to 10% of the RMF managed as MEAs > 2,000 hectares with a preference for areas greater than 10,000 hectares	9.7%			Ten candidate MEAs, totalling 58,511 ha, or 9.7 percent of the landbase were identified at the LTMD stage. These 10 candidates still need to be evaluated in the context of the Draft Plan (i.e., review of the updated statistics based on the planned operations). Currently, it does not appear that all of the 10 candidate are suitable based on the MEA statistics for habitat proportions (see below). The MEAs will be reviewed to see if statistics can be improved (i.e., via residual planning) or if they should be excluded from the MEAs selected for the final plan.
	4.2 Structure and composition of individual Moose Emphasis Areas: Browse-producing habitat	Proportion of Browse-producing Habitat (%)	5-30% of each selected MEA is browse-producing habitat	Upon the Completion of Operational Planning	5-30% of each selected MEA is browse-producing habitat	Proportion of Browse-producing Habitat (%)			The desired level and target is that 5-30% of each selected MEA is browse-producing habitat. At plan start, Horwood_S, Sinclair and Tatachikapika MEAs have little to no browse, which is increased to within target levels following the implementation of the Planned Operations. Two MEAs (Hardiman and Pharand) have plan start values that exceed the amount of browse. For Hardiman, this represents older depletions that will "age out" of browse conditions during the 2019-2029 period, and that, combined with the Planned Operations will be within target levels after 10 years. The Pharand MEA was carried over from Phase II of the 2019 FMP. The amount of browse slightly exceeds the target level at plan start, but is maintained following implementation of Planned Operations. For the remaining cores, the proportion of browse at plan start was already within the target levels. Target proportions are maintained for these MEA, with the exception of Kenogamissi 15; the existing browse "ages out" of suitability during the 10-year period and the preferred harvest areas that were identified in Stage 3 have been dropped.
	Crawford	7				21			
	Hardiman	35				6			
	Horwood_N	12				12			
	Horwood_S	0				23			
	Katagi Creek	11				29			
	Pharand	38				38			
	Sinclair	4				16			
	Tatachikapika	3				28			
	Kenogamissi 15	19				0			
	Kenogamissi 18	24				20			
	Papakomeka	16				16			
	4.3 Structure and composition of each Moose Emphasis Area: mature conifer-dominated habitat		15-35% of each selected MEA is mature conifer-dominated forest	Upon the Completion of Operational Planning	15-35% of each selected MEA is mature conifer-dominated forest				The desired level and target is that 15-35% of each selected MEA is mature conifer-dominated habitat. Three MEAs (Horwood_N, Tatachikapika and Papakomeka) have plan start values that exceed the amount of mature conifer-dominated habitat. However, based on the Planned Operations these, and all remaining cores are within the target level for mature conifer-dominated habitat.
	Crawford	29				27			
	Hardiman	24				23			
	Horwood_N	38				32			
	Katagi Creek	22				16			
	Pharand	26				21			
	Sinclair	18				18			
	Tatachikapika	44				29			
	Kenogamissi 15	27				27			
	Kenogamissi 18	23				31			
	Papakomeka	37				29			
	4.4 Structure and composition of each Moose Emphasis Area: hardwood/mixedwood-dominated habitat		20-55% of each selected MEA is hardwood-dominated or mixedwood forest	Upon the Completion of Operational Planning	20-55% of each selected MEA is hardwood-dominated or mixedwood forest				The desired level and target is that 15-35% of each selected MEA is hardwood-dominated or mixedwood habitat. Two MEAs (Katagi and Sinclair) have plan start values that exceed the amount of hardwood-dominated or mixedwood habitat, but following the implentation of the planned operations, the proportion of hardwood/mixedwood forest is within the target range. All other MEAs are within the target range at plan start and all but two MEAs are maintained within the the range. Kenogamissi 15 increases to 70% hardwood/mixedwood forest as the existing browse ages, contributing the increase in hardwood or mixedwood forest and no planned harvest. This is one of the candidates which may have to be dropped from the selected MEAs for Final Plan. The proportion of hardwood/mixedwood habitat is just outside of the range after 10 years for the Hardiman MEA.
	Crawford	51				47			
	Hardiman	37				57			
	Horwood_N	47				54			
	Katagi Creek	59				43			
	Pharand	30				31			
	Sinclair	63				54			
	Tatachikapika	30				27			
	Kenogamissi 15	52				70			
	Kenogamissi 18	34				34			
	Papakomeka	31				32			

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Management Objective	Indicator	Plan Start	Desirable Level	Timing of Assessment	Target	LTMD - Projections			Assessment
						Short (10 years)	Medium (20 years)	Long (100 years)	
5.0 Rayonier Advanced Materials will maintain a current list of Species at Risk (SARs) known to exist on the Romeo Malette Forest and ensure suitable prescriptions are developed in the FMP for species affected by forest management to protect and maintain their critical habitat as per the requirements of the Endangered Species Act (2007).	5.1 List of known and affected Species at Risk on the Romeo Malette Forest	See Section 2.1.3.1 of the FMP for the list of known and affected Species at Risk on the RMF	Review the SARO list annually and develop new AOCs as required	Annually following updates to the SARO List	Review the SARO list annually and develop new AOCs as required				To be assessed annually following updates to the SARO List
	6.1 Long-term projected available harvest volume by species group	2009-2019 Utilized volume YTD (m^3/year)	The current industrial demand, or the committed levels (if higher than CID)	During the Development of the LTMD	The current industrial demand, or the committed levels (if higher than CID)	m^3/year	m^3/year	m^3/year	The SPF volume projected in the LTMD is slightly higher than the current demand for the full planning horizon. Poplar volume, which was the most constrained by the BLG indicators, is achieved at 99% of the committed levels in the short term, increasing to 103% in the long term. White birch volume meets the committed level in the short-term (102%), but there is a decrease in the volume achievement in the long-term (90% of target) which is still significantly above the current demand.
	SPF	323,892	323,892		323,892	336,960	340,265	344,251	
	Po	94,423	97,400		97,400	96,733	98,016	99,987	
	Bw	35,212	58,000		58,000	59,344	53,449	52,426	
	6.2 Planned harvest area by forest unit as per the LTMD	LTMD Available Harvest Area (ha)	Allocate for harvest 100% of the forecast harvest area by forest unit (10 years)	Upon the Completion of Operational Planning	Allocate for harvest 100% of the forecast harvest area by forest unit (10 years)				The desired and target level for the planned harvest area, by forest unit, is to allocate 100% of the forecast harvest area from the LTMD. The 10-year planned harvest layer is slightly less than the LTMD available harvest area for all forest units, with 98.6 percent of the AHA allocated, but the intent is to make up any shortfalls in the submission of the Final Plan.
	BW1	1,101	1,101		1,101	1,033			
	LC1	4,565	4,565		4,565	4,524			
	MW1	2,359	2,359		2,359	2,296			
	MC2	4,264	4,264		4,264	4,205			
	MH2	7,033	7,033		7,033	6,923			
	PJ1	1,307	1,307		1,307	1,262			
	PJ2	785	785		785	781			
	PO1	3,988	3,988		3,988	3,964			
	SB1	11,686	11,686		11,686	11,583			
	SF1	2,679	2,679		2,679	2,558			
	SP1	11,220	11,220		11,220	11,157			
6.0 Supply industrial and consumer wood needs while maintaining forest sustainability, and to realize a predictable, continuous, and consistent flow of roundwood from the Romeo Malette Forest.	6.3 Planned harvest volume by species group	Available volume from the LTMD (m3/year)	Allocate for harvest 100% of the Available Harvest Volume area by species group (m3/year)	Upon the Completion of Operational Planning	Allocate for harvest 95% of the Available Harvest Volume area by species group (m3/year)				The desired level for the planned harvest volume is to allocate 100% of the forecast harvest volume from the LTMD, and the target level is 95%. Depsite the slight shortfall in AHA, the target and desired levels for the LTMD have been exceeded. As described in Section 4.9.1.2 of the FMP, this overacheivement has more to do with how the planned harvest volume was calculated (stand level volumes) versus the available harvest volumes in the LTMD (average stand condition for the available landbase).
	SPF	336,960	336,960		320,112	338,398			
	Po	96,733	96,733		91,896	100,317			
	Bw	59,344	59,344		56,377	65,097			
	6.4 Actual harvest area by forest unit as a % of the planned harvest area	Planned harvest area (ha)	To utilize 100% of the planned harvest area (ha)	At the Year 5 and Final Year Annual Reports	To utilize 100% of the planned harvest area (ha)				To be assessed in the Year 5 and Final Year Annual Report
	BW1								
	LC1								
	MW1								
	MC2								
	MH2								
	PJ1								
	PJ2								
	PO1								
	SB1								
	SF1								
	SP1								
	6.5 Actual harvest volume by species group as a % of the planned harvest volume	Planned harvest volume (m3/year)	To utilize 100% of the planned harvest volume (m3/year)	At the Year 5 and Final Year Annual Reports	To utilize 100% of the planned harvest volume (m3/year)				To be assessed in the Year 5 and Final Year Annual Report
	SPF								
	Po								
	Bw								

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Management Objective	Indicator	Plan Start	Desirable Level	Timing of Assessment	Target	LTMD - Projections			Assessment
						Short (10 years)	Medium (20 years)	Long (100 years)	
7.0 To provide opportunities to local Indigenous communities and the public for input, consultation, participation and education during the development and implementation of the forest management plan.	7.1 Consultation Plans developed for all interested Indigenous Communities on the RMF		Consultation plans developed for all interested Indigenous communities on the RMF	Upon the Completion of the Draft Plan	Consultation plans developed for all interested Indigenous communities on the RMF				Consultation plans have not been developed for interested Indigenous communites on the RMF, however several communities have had community information sessions at Stage 2 - Long-term Management Direction (Matachewan, Mattagami, MNO Region 3 and Taykwa Tagamou) and at Stage 3 - Proposed Operations (Matachewan and Mattagami).
	7.2 Protection planned for all known Indigenous values identified during the forest management planning process		AOCs and/or CROs developed for all known Indigenous values on the Romeo Malette Forest	Upon the Completion of the Draft Plan	AOCs and/or CROs developed for all known Indigenous values on the Romeo Malette Forest				Currently there have been no specific values identified for AOC protection. A confidential value AOC has been developed that may be applied to values identified prior to Final Plan or during Annual Work Schedule reviews with communities.
	7.3 Input related to the selection of Moose Emphasis Areas provided by local Indigenous Communities		Local communities involved in the selection of candidate MEAs	Upon the Completion of the Draft Plan	Indigenous Task Team involved in the selection of candidate MEAs				The individual members of the Indigenous Task Team have informally reviewed the proposed candidates at Stage 3 community meetings. Further input will be solicited in the selection of candidate MEAs for the Final Plan.
	7.4 Timmins Local Citizens Committee's self-evaluation of its effectiveness in plan development	Last self-evaluation (Nov 2016) indicated an average rating of ~ 74%	Results of the Timmins LCC's self evaluation survey (i.e., average rating or score) for each element shows that LCC members strongly agree that they have achieved the mandate of the Timmins LCC	Upon the Completion of the Draft Plan	Results of the Timmins LCC's self evaluation survey (i.e., average rating or score) for each element shows that LCC members agree that they have achieved the mandate of the Timmins LCC				The survey is to be provided to the Timmins LCC at their June 27, 2018 meeting. The Final Plan will report their effectiveness rating in comparison to the November 2016 evaluation.
8.0 Conduct forestry practices in a manner such that all resource users may gain benefits from forest access roads, while recognizing that compromises need to be made to ensure the viability of resource based activities.	8.1 Kilometres of road per square kilometre of Crown forest	0.52 km/km²	To provide the levels of access to adequately carry out forest operations on the Romeo Malette Forest	At the Year 5 and Final Year Annual Reports	To maintain a road density of 0.52 road/km^2, ±10%,				To be assessed in the Year 5 and Final Year Annual Report
	8.2 Density of all roads within harvest blocks (excludes trails and roads leading to or between blocks)		Reduce ecological footprint of operational roads by reducing road density to 0.0375 km/ha (5% less than a benchmark density of 0.0395 km/ha)	At the Year 5 and Final Year Annual Reports	Maintain the operational road density below 0.0395 km/ha				To be assessed in the Year 5 and Final Year Annual Report
	8.3 Review of proposed access restrictions and/or decommissioning plans (i.e., transfer of SFL roads to the MNRF) with the Timmins LCC and local Indigenous communities		Access restrictions and/or transfer proposals will be reviewed with the Timmins LCC and local Indigenous communities	At the Draft Plan Stage and as required during operational planning	Access restrictions and/or transfer proposals will be reviewed with the Timmins LCC and local Indigenous communities				There are currently no planned access restrictions in the 2019 FMP. There are some roads, however, proposed for transfer. Following the review of the Draft Plan by the MNRF, proposed transfers will be presented to the LCC in preparation for final plan.
9.0 To ensure that the available forest is protected from sustained deforestation or conversion to other uses.	9.1 Managed Crown forest available for timber production by Forest Unit	455,888 ha	Maintain the current total Managed Crown Forest available for timber production of 455,888 hectares.	At the Year 5 and Final Year Annual Reports	The conversion of area lost to roads and landings shall not exceed the levels modeled by forest unit (average 3.12%)				To be assessed in the Year 5 and Final Year Annual Report
10.0 Keep forest ecosystems productive and healthy.	10.1 Percent of harvested forest area assessed as free-growing by forest unit		100% of the area assessed declared as free-to-grow	At the Year 5 and Final Year Annual Reports	>90% of the area assess declared as free-to-grow				To be assessed in the Year 5 and Final Year Annual Report
	10.2 Planned and actual percent of harvest area treated by silvicultural intensity		100% of actual harvest area treated by planned silviculture intensity • EXTEN – 72% • BASC – 26% • INTN – 2%	At the Year 5 and Final Year Annual Reports	100%, ±10%, of actual harvest area treated by planned silviculture intensity • EXTEN – 65 to 80% • BASC – 23 to 28% • INTN – 1.8 to 2.2%				To be assessed in the Year 5 and Final Year Annual Report
	10.3: Planned and actual percent of the area successfully regenerated to the projected forest unit by forest unit		100% of the area successfully regenerated to the projected forest unit	At the Year 5 and Final Year Annual Reports	80% of the area successfully regenerated to the projected forest unit				To be assessed in the Year 5 and Final Year Annual Report

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN PERIOD: 2019-2029

FMP-10 Assessment of Objective Achievement

Management Objective	Indicator	Plan Start	Desirable Level	Timing of Assessment	Target	LTMD - Projections: Short (10 years)	LTMD - Projections: Medium (20 years)	LTMD - Projections: Long (100 years)	Assessment
11.0 To encourage and ensure compliance with legislative and regulatory requirements, which contribute to the sustainable management of Ontario's forests.	11.1 Non-compliance in forest operations inspections (% of inspections in non-compliance, by activity and remedy type		All inspections in compliance (100%)	At the Year 5 and Final Year Annual Reports	A maximum of 5% of inspections having a minor non-compliance; zero inspections having moderate or major non-compliance.				To be assessed in the Year 5 and Final Year Annual Report
12.0 Provision of forest cover for those values that are dependent on the Crown forest: To provide for a range of quality resource-based tourism and recreation opportunities in response to demand, while maintaining forest sustainability and ensure the protection of other values on the landbase.	12.1 Compliance with prescriptions for the protection of natural resource features, land uses or values dependent forest cover (% of inspections in compliance)		All inspections in compliance (100%)	At the Year 5 and Final Year Annual Reports	A maximum of 5% of inspections having a minor non-compliance; zero inspections having moderate or major non-compliance.				To be assessed in the Year 5 and Final Year Annual Report
	12.2 Compliance with prescriptions for the protection of resource-based tourism values (% of inspections in compliance)		All inspections in compliance (100%)	At the Year 5 and Final Year Annual Reports	A maximum of 5% of inspections having a minor non-compliance; zero inspections having moderate or major non-compliance.				To be assessed in the Year 5 and Final Year Annual Report
	12.3 Compliance with utilization standards (% of inspections in compliance)		All inspections in compliance (100%)	At the Year 5 and Final Year Annual Reports	A maximum of 5% of inspections having a minor non-compliance; zero inspections having moderate or major non-compliance.				To be assessed in the Year 5 and Final Year Annual Report
	12.4 Compliance with prescriptions for cultural heritage features and Indigenous values (% of inspections in compliance)		All inspections in compliance (100%)	At the Year 5 and Final Year Annual Reports	A maximum of 5% of inspections having a minor non-compliance; zero inspections having moderate or major non-compliance.				To be assessed in the Year 5 and Final Year Annual Report
13.0 Conduct forestry practices in a manner which minimizes and mitigates the impacts on the environment, water quality and aquatic habitat within areas of harvest, renewal, tending and access operations.	13.1 Compliance with management practices that prevent, minimize or mitigate site damage (% of inspections in compliance)		All inspections in compliance (100%)	At the Year 5 and Final Year Annual Reports	A maximum of 5% of inspections having a minor non-compliance; zero inspections having moderate or major non-compliance.				To be assessed in the Year 5 and Final Year Annual Report
	13.2: Compliance with prescriptions developed for the protection of water quality and fish habitat (% of inspections in compliance)		All inspections in compliance (100%)	At the Year 5 and Final Year Annual Reports	A maximum of 5% of inspections having a minor non-compliance; zero inspections having moderate or major non-compliance.				To be assessed in the Year 5 and Final Year Annual Report

Qualitative Objectives	Assessment:
14.0 Rayonier Advanced Materials to update and implement its Regional Integrated Pest Management Strategy aimed at reducing the use of herbicides through judicious planning, application techniques and alternatives to herbicide.	The update of this document is ongoing and will be submitted as part of the Final Plan Submission.
15.0 Rayonier Advanced Materials to update and implement it Slash Management Strategy for the Romeo Malette Forest to minimize loss of productive area, consistent with the direction provided in the Stand and Site Guide (<4% of areas lost to roads, landings and slash, combined).	This document has been updated and renamed to reflect its intent; RYAM Forest Management's Strategy to Minimize the Loss of Productive Area. While slash management is an important aspect of this strategy, other factors such as harvesting method, road location and use management and regeneration can impact the amount/availability of productive area. This strategy has been included in Section 6.1.19 of the Supplementary Documentation.
16.0 During the implementation of the FMP, Rayonier Advanced Materials will support emerging climate change science and policy initiatives that promote the development of new mitigation (i.e., reduce activities that emit carbon and increase activities that store carbon) and adaptation (i.e., assisted migration of tree seed) strategies applicable to forest management on the Romeo Malette Forest.	

FMP-11 - List of AOC Prescriptions Developed for the 2019-2029 Romeo Malette FMP

AOC ID	Description
HML	Lakes, High and Moderate Potential Sensitivity Ponds (HML - Regular, HMLb - Modified)
HMS	Rivers, High and Moderate Potential Sensitivity Streams (HMS - Regular, HMSb - Modified)
LPS	Low Potential Sensitivity Ponds and Streams
PSW	Provincially Significant Wetland
BEN	Bald Eagle Nest (p - Primary, a - Alternate, i - Inactive)
OSN	Osprey Nest (p - Primary, a - Alternate, i - Inactive)
LHC	Small Blue Heron Colony (a - Active, i - Inactive)
SHC	Small Blue Heron Colony (a - Active, i - Inactive)
BSW	Active Bank Swallow Colony
WPW	Eastern Whip-poor-will Habitat
CSR	Common Stick Nesting Raptors: a - Merlin; sharp-shinned hawk b - Broad-winged hawk c - Common Raven d - Cooper's Hawk, great-horned owl, long-eared owl, red-tailed hawk, unidentified nest e - Barred owl
USR	Uncommon Stick Nesting Raptors: p - Primary nests of great gray owl, northern goshawk or red-shouldered hawk a - Alternate nests of great gray owl, northern goshawk or red-shouldered hawk
GNR	Ground Nesting Raptors: a - Northern harrier b - Short-eared owl c - Turkey vulture
CNR	Cavity Nesting Raptors: a - Barred Owl b - Great horned owl c - Northern hawk owl d - American kestrel, boreal owl e - Eastern screech owl, northern saw-whet owl
BNS	Barn Swallow Nest
WET	Wetlands Occupied by Black Tern or Yellow Rail
BBD	Occupied Black Bear Den
WDS	Wolf Denning Site
BAH	Bat Hibernacula
BTH	Blanding's Turtle Habitat
TRA	Trapper's Cabin
COT	Cottage/Residential Property
CRL	Cottaging/Residential Lakes
RTL	Remote Tourism Lakes
ATL	Accessed Tourism Lakes
CAN	Canoe Routes and Canoe Portage Trails
APA	Archaeological Potential Area
CV	Confidential Value
CHL	Cultural Heritage Landscape Point/Polygon
PRV	Private/Patent Land
PGP	Permanent Growth Plot
PSP	Permanent Sample Plot
MSIM	Multi-Species Inventory and Monitoring Plot
WMS	Waste Management Sites

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
HML	Yes	Large, medium and small lakes, high and moderate potential sensitivity ponds NOT selected for modified harvest

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 30 to 90 m slope dependent AOC on Lakes, comprised of a reserve.
All lakes have a high potential sensitivity to forest management activity and are defined as either:

- *Large lakes* ≥1000 ha in size, *Medium lakes* ≥100 ha and <1000 ha in size, *Small lakes* ≥8 ha and <100 ha in size.

A 30 to 90 m slope dependent AOC on High Potential Sensitivity (HPS) Ponds, comprised of a reserve.

- Mapped open water features or unmapped open water features (≤25% of surface area covered by emergent vegetation) encountered during operations that are ≥0.5 ha and <8 ha in size and are connected to 1 or more HPS streams; or,
- Ponds known to contain fish species that are highly sensitive to perturbations (e.g. brook trout), ponds known to provide components of fish habitat for which there is a high degree of species' dependence, ponds known to contain rare habitats or fish species that are at risk, ponds with low habitat resiliency, or ponds identified as significant habitat by specific fisheries management plans.

A 30 m AOC on Moderate Potential Sensitivity (MPS) Ponds, comprised of a reserve.

- Mapped open water features or unmapped open water features (≤25% of surface area covered by emergent vegetation) encountered during operations that are ≥0.5 ha and <8 ha in size and are connected to 1 or more MPS streams; or,
- Ponds known to contain fish species that are moderately resilient to perturbations (e.g. northern pike, walleye), ponds known to provide components of fish habitat for which there is a moderate degree of species' dependence, ponds know to contain habitats or fish that have a limited distribution, or ponds with moderate habitat resiliency.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending operations are permitted in the reserve.

The AOC is measured in the field from the edge of vegetation communities capable of providing an effective barrier to the movement of sediment. This will normally be those communities with ≥25% canopy cover of tress, tall (≥1m high) woody shrubs such as alder or willow, or low (<1m high) woody evergreen shrubs such as Labrador tea or leatherleaf.

- For *large lakes, medium lakes, small lakes,* and *HPS ponds,* 30 to 90 m AOC based on slope as follows:

Slope (%)	Slope (degrees)	Width of AOC
0-15	0-8.5	30 m
>15-30	8.6-16.7	50 m
>30-45	16.8-24.2	70 m
>45	>24.2	90 m

- For *MPS ponds,* 30 m AOC

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.39-44.	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No landings are permitted within the AOC. • New roads that are not associated with an approved crossing are not permitted within the AOC. • New roads that traverse the AOC will be planned to avoid areas with a high potential to contain ephemeral streams, springs, seeps and other areas of groundwater discharge. Where the crossing of these features is required, design principles will be employed to minimize the risk of sediment delivery and disruption of hydrological function. • The road right-of-way will be minimized through the reserve and is not to exceed 20 m without written approval from the MNRF under special circumstances (i.e., safety). • Existing roads within the AOC can be used provided appropriate mitigative measures are taken to minimize the risk of sediment entering lakes or ponds.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No landings are permitted within the AOC. • New roads that are not associated with an approved crossing are not permitted within the AOC. • New roads that traverse the AOC will be planned to avoid areas with a high potential to contain ephemeral streams, springs, seeps and other areas of groundwater discharge. Where the crossing of these features is required, design principles will be employed to minimize the risk of sediment delivery and disruption of hydrological function. • The road right-of-way will be minimized through the reserve and is not to exceed 20 m without written approval from the MNRF under special circumstances (i.e., safety). • Existing roads within the AOC can be used provided appropriate mitigative measures are taken to minimize the risk of sediment entering lakes or ponds.		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No forestry aggregate pits are permitted within the AOC.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
HMLb	Yes	Large, medium and small lakes, high and moderate potential sensitivity ponds selected for modified harvest (i.e., Cut to Shore)

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 30 to 50 m slope dependent AOC on Lakes, comprised of a modified zone.
All lakes have a high potential sensitivity to forest management activity and are defined as either:

- *Large lakes* ≥1000 ha in size, *Medium lakes* ≥100 ha and <1000 ha in size, *Small lakes* ≥8 ha and <100 ha in size.

A 30 to 50 m slope dependent AOC on High Potential Sensitivity (HPS) Ponds, comprised of a modified zone.

- Mapped open water features or unmapped open water features (≤25% of surface area covered by emergent vegetation) encountered during operations that are ≥0.5 ha and <8 ha in size and are connected to 1 or more HPS streams; or,
- Ponds known to contain fish species that are highly sensitive to perturbations (e.g. brook trout), ponds known to provide components of fish habitat for which there is a high degree of species' dependence, ponds know to contain rare habitats or fish species that are at risk, ponds with low habitat resiliency, or ponds identified as significant habitat by specific fisheries management plans.

A 30 m AOC on Moderate Potential Sensitivity (MPS) Ponds, comprised of a modified zone.

- Mapped open water features or unmapped open water features (≤25% of surface area covered by emergent vegetation) encountered during operations that are ≥0.5 ha and <8 ha in size and are connected to 1 or more MPS streams; or,
- Ponds known to contain fish species that are moderately resilient to perturbations (e.g. northern pike, walleye), ponds known to provide components of fish habitat for which there is a moderate degree of species' dependence, ponds know to contain habitats or fish that have a limited distribution, or ponds with moderate habitat resiliency.

Harvest, Renewal and/or Tending Operations:

The AOC is measured in the field from the edge of vegetation communities capable of providing an effective barrier to the movement of sediment. This will normally be those communities with ≥25% canopy cover of tress, tall (≥1m high) woody shrubs such as alder or willow, or low (<1m high) woody evergreen shrubs such as Labrador tea or leatherleaf. For *large lakes, medium lakes, small lakes,* and *HPS ponds,* a 30 m (slope ≤15%) or 50 m AOC (slope 15-30%). For *MPS ponds,* a 30 m AOC.

Note: If ground conditions do not support modified harvest, as mapped, there is the potential to adjust the location of the modified harvest with prior approval from the Timmins District MNRF.

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
HMLb	Yes	Large, medium and small lakes, high and moderate potential sensitivity ponds selected for modified harvest (i.e. Cut to Shore)

A. Operational Prescription for the AOC (continued)

Harvest, Renewal and/or Tending Operations (continued):

Harvest, renewal and tending is permitted within the AOC subject to the following conditions:

- **Clearcut harvesting is permitted within the AOC only where the slope is ≤30%.**
- **Within the inner 15 m of the AOC, at least 10 trees/100 m of shoreline spaced about 10 m apart will be retained** as a potential source of future aquatic coarse woody material. Living trees with the following characteristics will be preferentially retained:
  - At least 15 m tall (or the tallest of those available), close to the shoreline (ideally within ½ the height of the tree), leaning toward the shoreline.
  - Coniferous supercanopy trees, scattered conifers, and veterans, especially large cedars, white pines, red pines, hemlocks, white spruces, red spruces, and jack pines.
- **Within the AOC, direction for the retention of downed woody material, and the general direction for retention of wildlife trees in harvest areas will be followed**. However, the focus will be on living trees with preferential retention of windfirm trees that provide the following special habitat features for wildlife:
  - Supercanopy trees (all forest units) of value to eagles and ospreys such as white and red pines (and poplars in the boreal forest).
  - Large living hardwood trees with existing cavities or the potential to develop cavities (all forest units).
  - Scattered coniferous trees (selection forest units) or veteran trees (clearcut and shelterwood forest units).
- **Aerial application of pesticides for renewal, tending or protection is permitted within the AOC but will follow spray buffer** zones for *significant area* or *sensitive areas* (as appropriate) as prescribed in the *Ontario Ministry of Environment/Ontario Ministry of Natural Resources Buffer Zone Guidelines for Aerial Application of Pesticides in Crown Forests of Ontario* (1992). Machine-based ground application of herbicides is permitted within the AOC; spray buffer zones will be 30 m for *significant areas* and 60 m for *sensitive areas.* Hand-based ground application is permitted within the AOC; spray buffer zones will be 3 m. All spray buffer zones will be measured from the inner boundary of the AOC.
- **No equipment maintenance (e.g., washing or changing oil) is permitted within 30 m of lakes or ponds.**
- **The use and storage of fuels will be carried out in accordance with the *Liquid Fuels Handling Code.***

No harvest, renewal or tending operations are permitted within the AOC that will result in damage to littoral zones or shorelines and associated stabilizing vegetation, or deposition of sediment within lakes or pond. **Operations specifically prohibited within the AOC include:**

- **Machine travel within the inner 3m of the AOC.**
- **Excessive removal or damage to sapling-sized trees (<10 cm dbh) and shrubs within the inner 3 m of the AOC.**
- **Felling of trees into lakes or ponds or the inner 3m of the AOC.** Trees accidentally felled into lakes or ponds will be left where they fall.
- **Disturbance of the forest floor that leaves ruts or a significant area of disturbed mineral soil within the inner 15m of the AOC.** Ruts and significant patches of exposed mineral soil will be promptly rehabilitated to prevent sediment from entering a water feature.
- **Disturbance of the forest floor that disrupts hydrological function** within recognizable ephemeral streams, springs, seeps and other areas of ground water discharge connected to lakes or ponds.

Harvest, renewal, and tending operations will follow appropriate operating practices to minimize rutting, compaction, and mineral soil exposure that could lead to erosion and subsequent transport and deposition of sediment in lakes or ponds. Particularly,

- Reasonable efforts will be made to ensure that extraction trails will not cross recognizable ephemeral streams, springs, seeps, and other areas of groundwater discharge when not solidly frozen. When these features are crossed, special care will be taken; temporary crossing structures that do not impede, accelerate, or divert water movement will be used when appropriate.

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
HMLb	Yes	Large, medium and small lakes, high and moderate potential sensitivity ponds selected for modified harvest

A. Operational Prescription for the AOC (continued)

AOC NOTES:

The following standards were applied when identifying areas for modified harvest:

Harvest is permitted within the AOC subject to the following conditions:

- ≥50% of the area of AOC[1] associated with *small lakes, HPS ponds* and *MPS ponds* will be retained as forest that meets the definition of residual forest[2], ≥75% of the area of AOC associated with *medium lakes* will be retained as forest that meets the definition of residual forest, and; ≥90% of the area of AOC associated with *large lakes*.
- Harvest that retains forest that does not meet the definition of residual (e.g. conventional clearcutting) is permitted within the AOC only where the slope is ≤30%.
- For each hectare of shoreline forest harvested that does not meet the definition of residual, 1 hectare of shoreline forest will be retained that has not been harvested within 20 years.

[1] Based on delineation of the AOC around the entire water feature, both inside and outside the harvest area.
[2] Harvest that retains relatively uniform canopy closure ≥50% is permitted provided that the stand age is ≥35 years or stand height is ≥10 m high. Harvested residual forest should have a species composition, average stem diameter and average stem quality similar to the pre-harvest condition.

Some or all of the requirements for the retention of residual forest within the AOC may be met by residual shoreline forest outside the harvest area, residual shoreline forest retained in overlapping AOCs, or residual shoreline forest retained in areas with steep slopes (>30%). Additional requirements for residual shoreline forest may be met by:

- Retaining residual shoreline forest to maintain the suitability of special habitats associated with lakes and ponds. For example:
  - Preferentially retaining residual shoreline forest associated with recharge areas on brook trout lakes.
  - Preferentially retaining residual shoreline forest adjacent to moose aquatic feeding areas (MAFAs), especially in specific identified for enhanced moose management.
  - Preferentially retaining residual shoreline forest where there is a high potential for ephemeral streams, springs, seeps, and other areas of groundwater discharge.
- Retaining residual shoreline forest to maintain internal and external connectivity. To the extent practical and feasible within the AOC, a relatively continuous corridor (average width of gaps <50 m; maximum width of gaps <200 m) of residual forest at least 30 m wide will be retained along at least 1 side of each lake or pond to connect special habitat features (e.g., osprey nests, MAFAs) associated with the lake or pond and link with residual forest on connected lakes, ponds, rivers, and streams.
- Retaining residual shoreline forest to emulate natural patterns. For example:
  - Preferentially retaining residual shoreline forest on the leeward side of a lake or pond.
  - Preferentially retaining residual shoreline forest comprised of less flammable forest types (e.g., hardwood, lowland conifer).
  - Preferentially retaining residual shoreline forest where there is an opportunity to incorporate it into a larger patch of residual forest.
- Retaining residual shoreline forest that has the highest likelihood of being windfirm.

Harvest, renewal, and tending operations will, to the extent practical and feasible, encourage perpetuation of the distinctive character of the shoreline forest while emulating natural disturbances and/or succession.

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.39-44.	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No landings are permitted within the AOC. • New roads that are not associated with an approved crossing are not permitted within the AOC. • New roads that traverse the AOC will be planned to avoid areas with a high potential to contain ephemeral streams, springs, seeps and other areas of groundwater discharge. Where the crossing of these features is required, design principles will be employed to minimize the risk of sediment delivery and disruption of hydrological function. • The road right-of-way will be minimized through the reserve and is not to exceed 20 m without written approval from the MNRF under special circumstances (i.e., safety). • Existing roads within the AOC can be used provided appropriate mitigative measures are taken to minimize the risk of sediment entering lakes or ponds.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No landings are permitted within the AOC. • New roads that are not associated with an approved crossing are not permitted within the AOC. • New roads that traverse the AOC will be planned to avoid areas with a high potential to contain ephemeral streams, springs, seeps and other areas of groundwater discharge. Where the crossing of these features is required, design principles will be employed to minimize the risk of sediment delivery and disruption of hydrological function. • The road right-of-way will be minimized through the reserve and is not to exceed 20 m without written approval from the MNRF under special circumstances (i.e., safety). • Existing roads within the AOC can be used provided appropriate mitigative measures are taken to minimize the risk of sediment entering lakes or ponds.		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No forestry aggregate pits are permitted within the AOC.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
HMS	Yes	Rivers and high and moderate potential sensitivity streams NOT selected for modified harvest

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 30 to 90 m slope dependent AOC on Rivers, comprised of a reserve

- Mapped open water polygons with *mnrcode* = 152; or,
- Mapped permanent stream segments (*mnrcode* = 104 or 271) with catchment area ≥50 km^2. Catchment area is defined as the upstream contributing area at any point along a stream.

A 30 to 90 m slope dependent AOC on High Potential Sensitivity (HPS) Streams, comprised of a reserve.

- Mapped large permanent stream segments (catchment area ≥3 and <50 km2); or, small (mapped or unmapped) stream segments (catchment area <3 km2) <500 m (stream distance) from lakes, rivers, mapped large permanent stream segments, or other water features identified as HPS based on inventory data; or,
- Stream segments known to contain fish species that are highly sensitive to perturbations (e.g. brook trout), stream segments known to provide components of fish habitat for which there is a high degree of species' dependence, stream segments know to contain rare habitats or fish species that are at risk, stream segments with low habitat resiliency, or stream segments identified as significant habitat by specific fisheries management plans.

A 30 m AOC on Moderate Potential Sensitivity (MPS) Streams, comprised of a reserve.

- Mapped or unmapped permanent stream segments that are ≥500 m (stream distance) from lakes, rivers, mapped large permanent stream segments and other water features identified as HPS based on inventory data; or,
- Mapped or unmapped intermittent stream segments that are <500 m from water features containing brook trout; or,
- Stream segments known to contain fish species that are moderately resilient to perturbations (e.g. northern pike, walleye), stream segments known to provide components of fish habitat for which there is a moderate degree of species' dependence, stream segments know to contain habitats or fish that have a limited distribution, or stream segments with moderate habitat resiliency.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending operations are permitted in the reserve.

The AOC is measured in the field from the edge of vegetation communities capable of providing an effective barrier to the movement of sediment. This will normally be those communities with ≥25% canopy cover of tress, tall (≥1m high) woody shrubs such as alder or willow, or low (<1m high) woody evergreen shrubs such as Labrador tea or leatherleaf.

- For *rivers, HPS streams,* 30 to 90 m AOC based on slope as follows:

Slope (%)	Slope (degrees)	Width of AOC
0-15	0-8.5	30 m
>15-30	8.6-16.7	50 m
>30-45	16.8-24.2	70 m
>45	>24.2	90 m

- For *MPS streams,* 30 m AOC

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.47-53.	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No landings are permitted within the AOC. • New roads that are not associated with an approved crossing are not permitted within the AOC. • New roads that traverse the AOC will be planned to avoid areas with a high potential to contain ephemeral streams, springs, seeps and other areas of groundwater discharge. Where the crossing of these features is required, design principles will be employed to minimize the risk of sediment delivery and disruption of hydrological function. • The road right-of-way will be minimized through the reserve and is not to exceed 20 m without written approval from the MNRF under special circumstances (i.e., safety). • Existing roads within the AOC can be used provided appropriate mitigative measures are taken to minimize the risk of sediment entering lakes or ponds.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No landings are permitted within the AOC. • New roads that are not associated with an approved crossing are not permitted within the AOC. • New roads that traverse the AOC will be planned to avoid areas with a high potential to contain ephemeral streams, springs, seeps and other areas of groundwater discharge. Where the crossing of these features is required, design principles will be employed to minimize the risk of sediment delivery and disruption of hydrological function. • The road right-of-way will be minimized through the reserve and is not to exceed 20 m without written approval from the MNRF under special circumstances (i.e., safety). • Existing roads within the AOC can be used provided appropriate mitigative measures are taken to minimize the risk of sediment entering lakes or ponds.		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No forestry aggregate pits are permitted within the AOC.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
HMSb	Yes	Rivers and high and moderate potential sensitivity streams selected for modified harvest

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 30 to 50 m slope dependent AOC on Rivers, comprised of a reserve and a modified zone

- Mapped open water polygons with *mnrcode* = 152; or,
- Mapped permanent stream segments (*mnrcode* = 104 or 271) with catchment area ≥50 km^2. Catchment area is defined as the upstream contributing area at any point along a stream.

A 30 to 50 m slope dependent AOC on High Potential Sensitivity (HPS) Streams, comprised of a reserve and a modified zone

- Mapped large permanent stream segments (catchment area ≥3 and <50 km^2); or, small (mapped or unmapped) stream segments (catchment area <3 km^2) <500 m (stream distance) from lakes, rivers, mapped large permanent stream segments, or other water features identified as HPS based on inventory data; or,
- Stream segments known to contain fish species that are highly sensitive to perturbations (e.g. brook trout), stream segments known to provide components of fish habitat for which there is a high degree of species' dependence, stream segments know to contain rare habitats or fish species that are at risk, stream segments with low habitat resiliency, or stream segments identified as significant habitat by specific fisheries management plans.

A 30 m AOC on Moderate Potential Sensitivity (MPS) Streams, comprised of a reserve and a modified zone

- Mapped or unmapped permanent stream segments that are ≥500 m (stream distance) from lakes, rivers, mapped large permanent stream segments and other water features identified as HPS based on inventory data; or,
- Mapped or unmapped intermittent stream segments that are <500 m from water features containing brook trout; or,
- Stream segments known to contain fish species that are moderately resilient to perturbations (e.g. northern pike, walleye), stream segments known to provide components of fish habitat for which there is a moderate degree of species' dependence, stream segments know to contain habitats or fish that have a limited distribution, or stream segments with moderate habitat resiliency.

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
HMSb	Yes	Rivers and high and moderate potential sensitivity streams selected for modified harvest

A. Operational Prescription for the AOC (continued)

Harvest, Renewal and/or Tending Operations:

The AOC is measured in the field from the edge of vegetation communities capable of providing an effective barrier to the movement of sediment. This will normally be those communities with ≥25% canopy cover of tress, tall (≥1m high) woody shrubs such as alder or willow, or low (<1m high) woody evergreen shrubs such as Labrador tea or leatherleaf. For *rivers and HPS streams,* a 30 m (slope ≤15%) or 50 m AOC (slope 15-30%). For *MPS streams,* a 30 m AOC.

- For *rivers* and *HPS streams,* 30 to 50 m AOC based on slope as follows:

Slope (%)	Slope (degrees)	Width of AOC	Reserve	Modified Zone
0-15	0-8.5	30 m	0-15 m	15-30 m
>15-30	8.6-16.7	50 m	0-15 m	15-50 m

- For *MPS streams,* 30 m AOC

Reserve	Modified Zone
0-15 m	15-30 m

Note: If ground conditions do not support modified harvest, as mapped, there is the potential to adjust the location of the modified harvest with prior approval from the Timmins District MNRF.

No harvest, renewal or tending operations are permitted in the reserve.

Harvest is permitted within the modified zone subject to the following conditions:

- **Clearcut harvesting is permitted within the modified zone only where the slope is ≤30%.**
- Forest that meets the definition of residual[1] must be retained within the AOC[2] on at least one side of *rivers*, *HPS streams* and *MPS streams* to provide a travel corridor.
- Within the AOC, direction for the retention of downed woody material and wildlife trees will be followed.

Aerial application of pesticides for renewal, tending or protection is permitted within the AOC but will follow spray buffer zones for *significant area* or *sensitive areas* (as appropriate) as prescribed in the *Ontario Ministry of Environment/Ontario Ministry of Natural Resources Buffer Zone Guidelines for Aerial Application of Pesticides in Crown Forests of Ontario* (1992). Machine-based ground application of herbicides is permitted within the AOC; spray buffer zones will be 30 m for *significant areas* and 60 m for *sensitive areas.* Hand-based ground application is permitted within the AOC; spray buffer zones will be 3 m. All spray buffer zones will be measured from the inner boundary of the AOC.

[1] Harvest that retains relatively uniform canopy closure ≥50% is permitted provided that the stand age is ≥35 years or stand height is ≥10 m high.
[2] Based on delineation of the AOC around the entire water feature, both inside and outside the harvest area.

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.47-53.	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No landings are permitted within the AOC. • New roads that are not associated with an approved crossing are not permitted within the AOC. • New roads that traverse the AOC will be planned to avoid areas with a high potential to contain ephemeral streams, springs, seeps and other areas of groundwater discharge. Where the crossing of these features is required, design principles will be employed to minimize the risk of sediment delivery and disruption of hydrological function. • The road right-of-way will be minimized through the reserve and is not to exceed 20 m without written approval from the MNRF under special circumstances (i.e., safety). • Existing roads within the AOC can be used provided appropriate mitigative measures are taken to minimize the risk of sediment entering lakes or ponds.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No landings are permitted within the AOC. • New roads that are not associated with an approved crossing are not permitted within the AOC. • New roads that traverse the AOC will be planned to avoid areas with a high potential to contain ephemeral streams, springs, seeps and other areas of groundwater discharge. Where the crossing of these features is required, design principles will be employed to minimize the risk of sediment delivery and disruption of hydrological function. • The road right-of-way will be minimized through the reserve and is not to exceed 20 m without written approval from the MNRF under special circumstances (i.e., safety). • Existing roads within the AOC can be used provided appropriate mitigative measures are taken to minimize the risk of sediment entering lakes or ponds.		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No forestry aggregate pits are permitted within the AOC.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
LPS	Yes	Ponds and streams with low potential sensitivity to forest management operations.

A. Operational Prescription for the AOC (continued)

Reserve/Modified Dimensions:

A 15 m AOC on Low Potential Sensitivity (LPS) Ponds

- Any pond that does not meet the criteria for an *HPS* or *MPS* pond.

A 15 m AOC on Low Potential Sensitivity (LPS) Streams

- Any stream segment that does not meet the criteria for an *HPS* or *MPS* stream.

Harvest, Renewal and/or Tending Operations:

The AOC is measured in the field from the edge of vegetation communities capable of providing an effective barrier to the movement of sediment. This will normally be those communities with ≥25% canopy cover of tress, tall (≥1m high) woody shrubs such as alder or willow, or low (<1m high) woody evergreen shrubs such as Labrador tea or leatherleaf.

No harvest, renewal or tending operations are permitted within the AOC that will result in damage to littoral zones or shorelines, stream channels or banks and any associated stabilizing vegetation, or deposition of sediment within ponds or streams. Operations specifically prohibited within the AOC include:

- Machine travel within the inner 3m of the AOC.
- Excessive removal or damage to sapling-sized trees (<10 cm dbh) and shrubs within the inner 3 m of the AOC.
- Felling of trees into ponds or streams or the inner 3m of the AOC. Trees accidentally felled into ponds or streams will be left where they fall.
- Disturbance of the forest floor that leaves ruts or a significant area of disturbed mineral soil within the inner 15m of the AOC. Ruts and significant patches of exposed mineral soil will be promptly rehabilitated to prevent sediment from entering a pond or stream. Patches of mineral soil exposed by natural events are excluded.
- No contamination of ponds or streams by foreign materials is permitted. Specifically,
    - The use and storage of fuels will be carried out in accordance with the *Liquid Fuels Handling Code*.
    - No equipment maintenance (e.g., washing or changing oil) is permitted within 15 m of ponds or streams.

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp. 44; 53-54.	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• Landings are not permitted within 15 m of LPS ponds or streams. • New roads are not permitted within 15 m of LPS ponds or streams without approval by the MNRF (i.e., there is no feasible alternative and appropriate mitigative measure are taken to minimize the risk of sediment entering ponds or streams and disruption of hydrological function).		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• Landings are not permitted within 15 m of LPS ponds or streams. • New roads are not permitted within 15 m of LPS ponds or streams without approval by the MNRF (i.e., there is no feasible alternative and appropriate mitigative measure are taken to minimize the risk of sediment entering ponds or streams and disruption of hydrological function).		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• Forestry aggregate pits are not permitted within 15 m of LPS ponds or streams.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
PSW	Yes	Provincially Significant Wetlands – Wetlands or wetland complexes identified as provincially significant based on the *Ontario Wetland Evaluation System*

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 120 m AOC surrounding the delineated PSW, comprised of a reserve.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending operations are permitted in the AOC *without an Environmental Impact Study and subsequent review and approval by the MNRF.

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp. 56-58	Exception	No

B. Primary Roads, Branch Roads, and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New roads and landings are not permitted in the AOC. • Existing roads within the AOC can be used provided appropriate mitigative measures are taken to minimize the risk of sediment entering PSW or the disruption of hydrological function.		

C. Operational Roads and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New roads and landings are not permitted in the AOC. • Existing roads within the AOC can be used provided appropriate mitigative measures are taken to minimize the risk of sediment entering PSW or the disruption of hydrological function.		

D. Forestry Aggregate Pits

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• Forestry aggregate pits are not permitted in the AOC.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
BENp	Yes	Primary Bald Eagle Nest - Direction applies to nests known before, or found during operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 400 m radius AOC centered on primary nests.

Nests known or suspected to have been occupied at least once within the past 5 years (i.e., active nests), unless the nest and all associated nests within the nesting area have been documented as unoccupied for ≥3 consecutive years, in which case the nest is considered inactive. When ≥2 active nests occur in sufficiently close proximity to be considered part of the nesting area of an individual pair, the nest with the most recent known or suspected history of occupancy within this nesting area is the primary nest; the other active nest(s) is (are) considered alternate nests.

When inventory data are insufficient to determine which nest in a nesting area has been most recently occupied, the nest in the best condition is considered the primary nest.

Harvest, Renewal and/or Tending Operations:

Harvest, renewal and tending operations are permitted within the AOC subject to timing restrictions (see below) and the following conditions:

Distance	Primary Nest
0-200 m	No harvest[1]. Renewal and tending of previously harvested areas may take place within 100-200 m from the nest.
200-400 m	Regular harvest is permitted subject to residual pattern and wildlife tree and downed woody debris requirements[2]. Regular renewal and tending is permitted.

Harvest, renewal and tending operations are not permitted within 100-400 m of occupied nests during the *critical breeding period* (March 1st to August 31st) based on potential impact of the operation. However, there is no timing restriction on hauling or low potential impact road maintenance (e.g. grading) if the road predates the nest.

Potential impact	No operations within	Types of operations
High	400 m	Harvest, large tree plant (≥5 people) if visible from the nest, mechanical site preparation, road construction
Moderate	200 m	Ground (air blast) herbicide application, large tree plant if not visible from the nest, small tree plant (<5 people) if visible from the nest, small crew using brush saws
Low	100 m	Aerial application of herbicides, boundary/tree marking, hauling, routine road maintenance (e.g. grading)

[1] If some harvest occurs prior to a nests discovery, an additional patch of unharvested forest equivalent to the area harvested is to be retained, preferably attached to the remaining unharvested forest surrounding the nest to provide a supply of potential nest, perch and roost trees.

[2] Wildlife trees that may function as potential nest, perch and roost sites will be preferentially retained, based on the following order of priority: 1) super-canopy trees, 2) veteran trees, 3) cavity trees, and 4) other live dominant or codominant trees that are windfirm. White pine, red pine and poplar will be favored when available.

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.64-66.	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings are not permitted within 200 m of primary nests. • Reasonable efforts will be made to avoid constructing new roads and landings within 200-400 m of primary nests. • When roads are constructed within the AOC, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance. • Operations associated with roads and landings are not permitted within 100-400 m of occupied nests during the *critical breeding period* based on potential impact (see table under *Operational Prescription for the AOC*). • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings are not permitted within 200 m of primary nests. • Reasonable efforts will be made to avoid constructing new roads and landings within 200-400 m of primary nests. • When roads are constructed within the AOC, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance. • Operations associated with roads and landings are not permitted within 100-400 m of occupied nests during the *critical breeding period* based on potential impact (see table under *Operational Prescription for the AOC*). • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest.		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New forestry aggregate pits are not permitted within 200 m of primary nests. • Reasonable efforts will be made to avoid constructing new forestry aggregate pits within 200-400 m of primary nests. • Operations associated with forestry aggregate pits are not permitted within 100-400 m of occupied nests during the *critical breeding period* based on potential impact (see table in *Operational Prescription for the AOC*), unless required for safety reasons or environmental protection.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
BENa	Yes	Bald Eagle Alternate Nest - Direction applies to nests known before, or found during operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 200 m radius AOC centered on alternate nests.

Nests known or suspected to have been occupied at least once within the past 5 years that are not primary nests, unless the nest and all associated nests within the nesting area have been documented as unoccupied for ≥3 consecutive years, in which case the nest is considered inactive.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending is permitted within the AOC.

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pg. 66.	Exception	No

B. Primary Roads, Branch Roads, and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New roads and landings are not permitted within 200 m of alternate nests. • No timing restriction on operations associated with existing roads and landings within the AOC.		

C. Operational Roads and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New roads and landings are not permitted within 200 m of alternate nests. • No timing restriction on operations associated with existing roads and landings within the AOC.		

D. Forestry Aggregate Pits

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New forestry aggregate pits are not permitted within 200 m of alternate nests. • No timing restriction on operations associated with existing forestry aggregate pits within the AOC.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
BENi	Yes	Bald Eagle Inactive Nest - Direction applies to nests known before, or found during operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 100 m radius AOC centered on inactive nests.

Nests not known or suspected to have been occupied at least once within the past 5 years.

Primary and alternate nests within nesting areas where all nests within the nesting area have been documented as unoccupied for ≥3 consecutive years.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending is permitted within the AOC.

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pg.67.	Exception	No

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings are not permitted within 100 m of inactive nests. • No timing restriction on operations associated with existing roads and landings within the AOC.		

C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings are not permitted within 100 m of inactive nests. • No timing restriction on operations associated with existing roads and landings within the AOC.		

D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New forestry aggregate pits are not permitted within 100 m of inactive nests. • No timing restriction on operations associated with existing forestry aggregate pits within the AOC.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
OSNp	Yes	Osprey Primary Nest - Direction applies to nests known before, or found during operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 300 m radius AOC centered on primary nests.

Nests known or suspected to have been occupied at least once within the past 5 years (i.e., active nests), unless the nest and all associated nests within the nesting area have been documented as unoccupied for ≥3 consecutive years, in which case the nest is considered inactive. When ≥2 active nests occur in sufficiently close proximity to be considered part of the nesting area of an individual pair, the nest with the most recent known or suspected history of occupancy within this nesting area is the primary nest; the other active nest(s) is (are) considered alternate nests.

When inventory data are insufficient to determine which nest in a nesting area has been most recently occupied, the nest in the best condition is considered the primary nest.

Harvest, Renewal and/or Tending Operations:

Harvest, renewal and tending operations are permitted within the AOC subject to timing restrictions (see below) and the following conditions:

Distance	Primary Nest
0-150 m	No harvest[1]. Renewal and tending of previously harvested areas may take place within 75-150 m from the nest.
150-300 m	Regular harvest is permitted subject to residual pattern and wildlife tree and downed woody debris requirements[2]. Regular renewal and tending is permitted.

Harvest, renewal and tending operations are not permitted within 75-300 m of occupied nests during the *critical breeding period* (April 15th to August 31st) based on potential impact of the operation. However, there is no timing restriction on hauling or low potential impact road maintenance (e.g. grading) if the road predates the nest.

Potential impact	No operations within	Types of operations
High	300 m	Harvest, large tree plant (≥5 people) if visible from the nest, mechanical site preparation, road construction
Moderate	150 m	Ground (air blast) herbicide application, large tree plant if not visible from the nest, small tree plant (<5 people) if visible from the nest, small crew using brush saws
Low	75 m	Aerial application of herbicides, boundary/tree marking, hauling, routine road maintenance (e.g. grading)

[1] If some harvest occurs prior to a nests discovery, an additional patch of unharvested forest equivalent to the area harvested is to be retained, preferably attached to the remaining unharvested forest surrounding the nest to provide a supply of potential nest, perch and roost trees.

[2] Wildlife trees that may function as potential nest, perch and roost sites will be preferentially retained, based on the following order of priority: 1) super-canopy trees, 2) veteran trees, 3) cavity trees, and 4) other live dominant or codominant trees that are windfirm. White pine, red pine and poplar will be favored when available.

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.68-69.	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings are not permitted within 150 m of primary nests. • Reasonable efforts will be made to avoid constructing new roads and landings within 150-300 m of primary nests. • When roads are constructed within the AOC, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance. • Operations associated with roads and landings are not permitted within 75-300 m of occupied nests during *the critical breeding period* based on potential impact (see table under *Operational Prescription for the AOC*). • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings are not permitted within 150 m of primary nests. • Reasonable efforts will be made to avoid constructing new roads and landings within 150-300 m of primary nests. • When roads are constructed within the AOC, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance. • Operations associated with roads and landings are not permitted within 75-300 m of occupied nests during *the critical breeding period* based on potential impact (see table under *Operational Prescription for the AOC*). • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest.		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New forestry aggregate pits are not permitted within 150 m of primary nests. • Reasonable efforts will be made to avoid constructing new forestry aggregate pits within 151-300 m of primary nests. • Operations associated with forestry aggregate pits are not permitted within 75-300 m of occupied nests during the *critical breeding period* based on potential impact (see table in *Operational Prescription for the AOC*), unless required for safety reasons or environmental protection.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
OSNa	Yes	Osprey Alternate Nest - Direction applies to nests known before, or found during operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 150 m radius AOC centered on alternate nests.

Nests known or suspected to have been occupied at least once within the past 5 years that are not primary nests, unless the nest and all associated nests within the nesting area have been documented as unoccupied for ≥3 consecutive years, in which case the nest is considered inactive.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending is permitted within the AOC.

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.69-70.	Exception	No

B. Primary Roads, Branch Roads, and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New roads and landings are not permitted within 150 m of alternate nests. • No timing restriction on operations associated with existing roads and landings within the AOC.		

C. Operational Roads and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New roads and landings are not permitted within 150 m of alternate nests. • No timing restriction on operations associated with existing roads and landings within the AOC.		

D. Forestry Aggregate Pits

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New forestry aggregate pits are not permitted within 150 m of alternate nests. • No timing restriction on operations associated with existing forestry aggregate pits within the AOC.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
OSNi	Yes	Osprey Inactive Nest - Direction applies to nests known before, or found during operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 75 m radius AOC centered on inactive nests.

Nests not known or suspected to have been occupied at least once within the past 5 years.

Primary and alternate nests within nesting areas where all nests within the nesting area have been documented as unoccupied for ≥3 consecutive years.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending is permitted within the AOC.

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.70-71.	Exception	No

B. Primary Roads, Branch Roads, and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New roads and landings are not permitted within 75 m of inactive nests. • No timing restriction on operations associated with existing roads and landings within the AOC.		

C. Operational Roads and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New roads and landings are not permitted within 75 m of inactive nests. • No timing restriction on operations associated with existing roads and landings within the AOC.		

D. Forestry Aggregate Pits

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New forestry aggregate pits are not permitted within 75 m of inactive nests. • No timing restriction on operations associated with existing forestry aggregate pits within the AOC.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
LHCa	Yes	Large Active Great Blue Heron Colony (≥4 Nests) - Direction applies to colonies known before, or found during operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 300 m radius AOC measured from peripheral nests.

Large heron colonies (≥4 occupied nests) known or suspected to have been occupied at least once within the past 10 years (i.e., active nests), unless documented as unoccupied for ≥5 consecutive years, in which case the nest is considered inactive.

Harvest, Renewal and/or Tending Operations:

Harvest, renewal and tending operations are permitted within the AOC subject to timing restrictions (see below) and the following conditions:

Distance	Active Nest
0-300 m	No harvest[1]. Renewal and tending of previously harvested areas may take place within 150-300 m from the nest.

Harvest, renewal and tending operations are not permitted within 75-300 m of occupied colonies during the *critical breeding period* (April 1st to August 15th) based on potential impact of the operation. However, there is no timing restriction on hauling or low potential impact road maintenance (e.g. grading) if the road predates the colony.

Potential impact	No operations within	Types of operations
High	300 m	Harvest, large tree plant (≥5 people) if visible from the nest, mechanical site preparation, road construction
Moderate	150 m	Ground (air blast) herbicide application, large tree plant if not visible from the nest, small tree plant (<5 people) if visible from the nest, small crew using brush saws
Low	75 m	Aerial application of herbicides, boundary/tree marking, hauling, routine road maintenance (e.g. grading)

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.73-74	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings are not permitted within 150 m of colonies. • Reasonable efforts will be made to avoid constructing new roads and landings within 150-300 m of colonies (especially large colonies). • When roads are constructed within the AOC, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance. Within residual forest, the width of the cleared corridor will be as narrow as practical and feasible, and will not exceed 20 m. • Operations associated with roads and landings are not permitted within 75-300 m of occupied nests within colonies during the *critical breeding period* based on potential impact (see table under *Operational Prescription for the AOC*). • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings are not permitted within 150 m of colonies. • Reasonable efforts will be made to avoid constructing new roads and landings within 150-300 m of colonies (especially large colonies). • When roads are constructed within the AOC, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance. Within residual forest, the width of the cleared corridor will be as narrow as practical and feasible, and will not exceed 20 m. • Operations associated with roads and landings are not permitted within 75-300 m of occupied nests within colonies during the *critical breeding period* based on potential impact (see table under *Operational Prescription for the AOC*). • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest.		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New forestry aggregate pits are not permitted within 150 m of colonies. • Reasonable efforts will be made to avoid constructing new forestry aggregate pits within 150-300 m of colonies (especially large colonies). • Operations associated with forestry aggregate pits are not permitted within 75-300 m of occupied nests within colonies during the *critical breeding period* based on potential impact (see table under *Operational Prescription for the AOC*).		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
LHCi	Yes	Large Inactive Great Blue Heron Colony (≥4 Nests) - Direction applies to colonies known before, or found during operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 30 m radius AOC measured from peripheral nests.

Large colonies in suitable habitat not known or suspected to have been occupied at least once within the past 10 years or documented as unoccupied for 5 or more consecutive years.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending is permitted within the AOC.

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.74-75.	Exception	No

B. Primary Roads, Branch Roads, and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New landings are not permitted within the AOC. • Reasonable efforts will be made to avoid constructing new roads within the AOC. • No timing restriction on operations associated with existing roads and landings within the AOC.		

C. Operational Roads and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New landings are not permitted within the AOC. • Reasonable efforts will be made to avoid constructing new roads within the AOC. • No timing restriction on operations associated with existing roads and landings within the AOC.		

D. Forestry Aggregate Pits

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New forestry aggregate pits are not permitted within the AOC. • No timing restriction on operations associated with existing forestry aggregate pits within the AOC.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
SHCa	Yes	Small Active Great Blue Heron Colony (<4 Nests) - Direction applies to colonies known before, or found during operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 300 m radius AOC measured from peripheral nests.
Small heron colonies (<4 occupied nests) known or suspected to have been occupied at least once within the past 5 years (i.e., active nests), unless documented as unoccupied for ≥3 consecutive years, in which case the nest is considered inactive.

Harvest, Renewal and/or Tending Operations:

Harvest, renewal and tending operations are permitted within the AOC subject to timing restrictions (see below) and the following conditions:

Distance	Active Nest
0-150 m	No harvest[1]. Renewal and tending of previously harvested areas may take place within 75-150 m from the nest.
150-300 m	Regular harvest is permitted subject to residual pattern and wildlife tree and downed woody debris requirements[1]. Regular renewal and tending is permitted.

Harvest, renewal and tending operations are not permitted within 75-300 m of occupied colonies during the *critical breeding period* (April 1st to August 15th) based on potential impact of the operation. However, there is no timing restriction on hauling or low potential impact road maintenance (e.g. grading) if the road predates the nest.

Potential impact	No operations within	Types of operations
High	300 m	Harvest, large tree plant (≥5 people) if visible from the nest, mechanical site preparation, road construction
Moderate	150 m	Ground (air blast) herbicide application, large tree plant if not visible from the nest, small tree plant (<5 people) if visible from the nest, small crew using brush saws
Low	75 m	Aerial application of herbicides, boundary/tree marking, hauling, routine road maintenance (e.g. grading)

[1] Wildlife trees that may function as potential nest, perch and roost sites will be preferentially retained, based on the following order of priority: 1) super-canopy trees, 2) veteran trees, 3) cavity trees, and 4) other live dominant or codominant trees that are windfirm. White pine, red pine and poplar will be favored when available.

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.73-74	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings are not permitted within 150 m of colonies. • Reasonable efforts will be made to avoid constructing new roads and landings within 150-300 m of colonies. • When roads are constructed within the AOC, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance. Within residual forest, the width of the cleared corridor will be as narrow as practical and feasible, and will not exceed 20 m. • Operations associated with roads and landings are not permitted within 75-300 m of occupied nests within colonies during the *critical breeding period* based on potential impact (see table under *Operational Prescription for the AOC*). • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings are not permitted within 150 m of colonies. • Reasonable efforts will be made to avoid constructing new roads and landings within 150-300 m of colonies. • When roads are constructed within the AOC, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance. Within residual forest, the width of the cleared corridor will be as narrow as practical and feasible, and will not exceed 20 m. • Operations associated with roads and landings are not permitted within 75-300 m of occupied nests within colonies during the *critical breeding period* based on potential impact (see table under *Operational Prescription for the AOC*). • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest.		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New forestry aggregate pits are not permitted within 150 m of colonies. • Reasonable efforts will be made to avoid constructing new forestry aggregate pits within 150-300 m of colonies. • Operations associated with forestry aggregate pits are not permitted within 75-300 m of occupied nests within colonies during the *critical breeding period* based on potential impact (see table in *Operational Prescription for the AOC*), unless required for safety reasons or environmental protection.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
SHCi	Yes	Small Inactive Great Blue Heron Colony (<4 Nests) - Direction applies to colonies known before, or found during operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 30 m radius AOC measured from peripheral nests.

Small colonies in suitable habitat not know or suspected to have been occupied at least once within the past 5 years or documented as unoccupied for 3 or more consecutive years.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending is permitted within the AOC.

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.74-75.	Exception	No

B. Primary Roads, Branch Roads, and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New landings are not permitted within the AOC. • Reasonable efforts will be made to avoid constructing new roads within the AOC. • No timing restriction on operations associated with existing roads and landings within the AOC.		

C. Operational Roads and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New landings are not permitted within the AOC. • Reasonable efforts will be made to avoid constructing new roads within the AOC. • No timing restriction on operations associated with existing roads and landings within the AOC.		

D. Forestry Aggregate Pits

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New forestry aggregate pits are not permitted within the AOC. • No timing restriction on operations associated with existing forestry aggregate pits within the AOC.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
BSW	Yes	Active bank swallow colony - Direction applies to nests known before, or found during, operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 50 m radius AOC measured from peripheral nests.

Colonies or nests known or suspected to have been occupied at least once within the past 5 years (unless documented as unoccupied for 3 or more consecutive years).

Harvest, Renewal and/or Tending Operations:

Harvest, renewal and tending operations are not permitted within 10-50 m of occupied nests during the *critical breeding period* (May 1st to July 31st) based on potential impact of the operation. However, there is no timing restriction on hauling or low potential impact road maintenance (e.g. grading) if the road predates the nest. Regular harvest, renewal and tending may take place within the AOC, outside of the *critical breeding period*.

Potential impact	No operations within	Types of operations
High	50 m	Harvest, large tree plant (≥5 people) if visible from the nest, mechanical site preparation, road construction
Moderate	25 m	Ground (air blast) herbicide application, large tree plant if not visible from the nest, small tree plant (<5 people) if visible from the nest, small crew using brush saws
Low	10 m	Aerial application of herbicides, boundary/tree marking, hauling, routine road maintenance (e.g. grading)

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.76-77	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings are not permitted within 50 m of active colonies. • Operations associated with roads and landings are not permitted within 10-50 m of occupied nests within colonies during the *critical breeding period* based on potential impact (see table in *Operational Prescription for the AOC*). • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the colony.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings are not permitted within 50 m of active colonies. • Operations associated with roads and landings are not permitted within 10-50 m of occupied nests within colonies during the *critical breeding period* based on potential impact (see table in *Operational Prescription for the AOC*). • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the colony.		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• Aggregate extraction is permitted within the AOC outside of the *critical breeding period* (May 1st to July 31st). • Operations associated with forestry aggregate pits are not permitted within 10-50 m of occupied nests within colonies during the *critical breeding period* based on potential impact (see table in *Operational Prescription for the AOC*).		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
WPW	Yes	Eastern Whip-poor-will habitat - Direction applies to nests known before, or found during operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 500 m AOC delineated around known or suspected nesting, perching and roosting sites, comprised of a reserve (0- 170 m radius), and a modified zone (170-500 m)

Whip-poor-will habitat known or suspected to have been used for breeding or nesting within the past five years.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal and tending operations are permitted within the reserve (0-170 m). If habitat is discovered following harvest, renewal operations may be permitted outside of the *critical breeding period* (May 1st to August 31st) with prior approval from the District MNRF.

Harvest, renewal and tending operations are permitted in the modified zone (170-500 m) outside the *critical breeding period* (May 1st to August 31st).

Source	Operational prescription developed by the Planning Team based on the MNRF General Habitat Description for the Eastern Whip-poor-will	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings are not permitted within the 170 m of the nest. • Reasonable efforts will be made to avoid constructing new roads and landings within 170-500 m of nests. • When roads are constructed within the AOC, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance. Within residual forest, the width of the cleared corridor will be as narrow as practical and feasible, and will not exceed 20 m. • Operations associated with roads and landings are not permitted within 500 m of occupied nests during the *critical breeding period* of May 1st to August 31st unless otherwise approved by the District MNRF. Use of existing roads is permitted, but not between dusk and dawn, where possible. • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest. Avoid these activities between dusk and dawn, where possible.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings are not permitted within the 170 m of the nest. • Reasonable efforts will be made to avoid constructing new roads and landings within 170-500 m of nests. • When roads are constructed within the AOC, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance. Within residual forest, the width of the cleared corridor will be as narrow as practical and feasible, and will not exceed 20 m. • Operations associated with roads and landings are not permitted within 500 m of occupied nests during the *critical breeding period* of May 1st to August 31st unless otherwise approved by the District MNRF. Use of existing roads is permitted, but not between dusk and dawn, where possible. • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest. Avoid these activities between dusk and dawn, where possible.		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New forestry aggregate pits are not permitted within the 170 m of the nest. • Reasonable efforts will be made to avoid constructing new forestry aggregate pits within 170-500 m of nests. • Operations associated with forestry aggregate pits are not permitted within 500 m of occupied nests during the *critical breeding period* of May 1st to August 31st unless otherwise approved by the District MNRF.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
CSR	Yes	Common Stick Nesting Raptors (nests known or suspected to be occupied by barred owl, broad-winged hawk, common raven, Cooper's Hawk, great-horned owl, long-eared owl, merlin, red-tailed hawk, or sharp-shinned hawk) - Direction applies to nests known before, or found during, operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 50-200 m radius AOC centered on the occupied nest. Refer to Conditions on Regular Operations for unoccupied nests.

Harvest, Renewal and/or Tending Operations:

Harvest, renewal and tending operations are permitted within the AOC subject to timing restrictions (see below) and the following conditions:

AOC ID	Species	Radius of AOC	Nest Tree Retention	Timing[1]
CSRa	Merlin; sharp-shinned hawk	50 m	The nest tree will be retained as a wildlife tree.	April 1st to July 31st
CSRb	Broad-winged hawk	100m	The nest tree will be retained as a wildlife tree.	April 1st to July 31st
CSRc	Common raven	50 m	The nest tree will be retained in an unharvested patch (20 m radius) if the nest is in good repair. Otherwise, the nest tree will be retained as a wildlife tree.	Feb 15th to June 15th
CSRd	Cooper's hawk, great-horned owl, long-eared owl, red-tailed hawk	100 m	The nest tree will be retained in an unharvested patch (20 m radius) if the nest is in good repair. Otherwise, the nest tree will be retained as a wildlife tree.	Feb 1st to May 31st (great-horned owl) March 15th to July 15th (long-eared owl and red-tailed hawk) April 1st to July 31st (Cooper's hawk)
CSRe	Barred owl	200 m	The nest tree will be retained in an unharvested patch (20 m radius) if the nest is in good repair. Otherwise, the nest tree will be retained as a wildlife tree.	March 15th to July 15th

[1]There are no timing restrictions on harvest, renewal, or tending operations around unoccupied nests. See CROs for unoccupied nests.

Harvest, renewal and tending operations are not permitted within 10-200 m of occupied nests during the *critical breeding period* (as per above table) based on potential impact of the operation. However, there is no timing restriction on hauling or low potential impact road maintenance (e.g. grading) if the road predates the nest.

Species	Timing Restriction		
	High Impact Operations[2]	Moderate Impact Operations[3]	Low Impact Operations[4]
Barred owl	200 m	100 m	50 m
Broad-winged hawk, Cooper's hawk, great horned owl, long-eared owl, red-tailed hawk	100 m	50 m	25 m
Common raven, merlin, sharp-shinned hawk	50 m	25 m	10 m

[2] Harvest, large tree plant (≥5 people) if visible from the nest, mechanical site preparation, road construction.

[3] Ground (air blast) herbicide application, large tree plant if not visible from the nest, small tree plant (<5 people) if visible from the nest, small crew using brush saws.

[4] Aerial application of herbicides, boundary/tree marking, hauling, routine road maintenance (e.g. grading).

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.82-84.	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings will not be constructed within 20 m of nests of the barred owl, Cooper's hawk, common raven, great horned owl, long-eared owl, and red-tailed hawk. • Reasonable efforts will be made to avoid constructing new roads and landings within 20 m of nests of the broad-winged hawk, merlin, and sharp-shinned hawk. • Operations associated with roads and landings are not permitted within 10-200 m of occupied nests during the *critical breeding period* based on potential impact and species (see table in *Operational Prescription for the AOC*). • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings will not be constructed within 20 m of nests of the barred owl, Cooper's hawk, common raven, great horned owl, long-eared owl, and red-tailed hawk. • Reasonable efforts will be made to avoid constructing new roads and landings within 20 m of nests of the broad-winged hawk, merlin, and sharp-shinned hawk. • Operations associated with roads and landings are not permitted within 10-200 m of occupied nests during the *critical breeding period* based on potential impact and species (see table in *Operational Prescription for the AOC*). • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest.		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New forestry aggregate pits will not be constructed within 20 m of nests of the barred owl, Cooper's hawk, common raven, great horned owl, long-eared owl, and red-tailed hawk. • Reasonable efforts will be made to avoid constructing new forestry aggregate pits within 20 m of nests of the broad-winged hawk, merlin, and sharp-shinned hawk. • Operations associated with forestry aggregate pits are not permitted within 10-200 m of occupied nests during the critical breeding period based on potential impact and species (see table in *Operational Prescription for the AOC*), unless required for safety reasons or environmental protection.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
USRp	Yes	Primary Nests of Uncommon Stick Nesting Raptors (great gray owl or northern goshawk) - Direction applies to nests known before, or found during, operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 400 m radius AOC centred on primary nests - Nests known or suspected to have been occupied at least once within the past 5 years (i.e., active nests), unless the nest and all associated nests within the nesting area have been documented as unoccupied for ≥3 consecutive years, in which case the nest is considered inactive. When ≥2 active nests occur in sufficiently close proximity to be considered part of the nesting area of an individual pair, the nest with the most recent known or suspected history of occupancy within this nesting area is the primary nest; the other active nest(s) is (are) considered alternate nests. When inventory data are insufficient to determine which nest in a nesting area has been most recently occupied, the nest in the best condition is considered the primary nest.

Harvest, Renewal and/or Tending Operations:

Harvest, renewal and tending operations are permitted within the AOC subject to timing restrictions (see below) and the following conditions:

Distance	Primary Nest
0-300 m or as delineated based on suitable habitat	Harvest is not permitted[1]. A total of 28 ha of *suitable nesting habitat* will be retained within the AOC. Suitable nesting habitat is classified as *preferred* based on the regional habitat matrices. For the boreal east region this includes mature and old development stages for the MC2, MH2, OH1 and PRW forest units. If this area cannot be met within the 300 m radius, then an irregular shaped patch (extending into the 400 m radius limit) may be reserved from harvest to capture suitable habitat provided no harvest takes place within 0-200 metres from the nest. Renewal and tending of previously harvested areas may take place within 50-300 m from the nest.
300-400 m or as delineated based on suitable habitat	Regular harvest is permitted subject to residual pattern and wildlife tree and downed woody debris requirements[2]. If suitable habitat requirements are not met in the 0-300 m zone then an irregular shaped patch (contained within the 400 m AOC) may be reserved from harvest to capture suitable habitat. If 28 ha of *preferred* habitat isn't available within the AOC, *used* habitat may be selected to contribute to the reserve (mature and old development stages for the BW1, MW1 and PO1 forest units). If there is not enough *preferred* or *used* habitat to make up 28 ha, the best remaining habitat is to be selected (mature upland forest units; PJ1, PJ2, SF1, SP1, followed by mature lowland forest units; LC1 and SB1). Regular renewal and tending is permitted in areas not reserved from harvesting, based on delineation of suitable habitat.

[1] If some harvest occurs prior to a nests discovery, an additional patch of unharvested forest equivalent to the area harvested is to be retained, preferably suitable nesting habitat attached to the remaining unharvested forest surrounding the nest.

[2] Wildlife trees that may function as potential nest, perch and roost sites will be preferentially retained, based on the following order of priority: 1) super-canopy trees, 2) veteran trees, 3) cavity trees, and 4) other live dominant or codominant trees that are windfirm. White pine, red pine and poplar will be favored when available.

Harvest, renewal and tending operations are not permitted within 50-200 m of occupied primary nests during the *critical breeding period* (March 15th to July 15th) based on potential impact of the operation. However, there is no timing restriction on hauling or low potential impact road maintenance (e.g. grading) if the road predates the nest. There are no timing restrictions around alternate or inactive nests.

Potential impact	No operations within	Types of operations
High	200 m	Harvest, large tree plant (≥5 people) if visible from the nest, mechanical site preparation, road construction
Moderate	100 m	Ground (air blast) herbicide application, large tree plant if not visible from the nest, small tree plant (<5 people) if visible from the nest, small crew using brush saws
Low	50 m	Aerial application of herbicides, boundary/tree marking, hauling, routine road maintenance (e.g. grading)

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp. 77-80.	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings are not permitted within 50 m of primary nests. • Reasonable efforts will be made to avoid constructing new roads and landings within 50-200 m of primary nests or within forest retained as suitable nesting habitat. If roads are constructed, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance and the width of the cleared corridor will be as narrow as practical and feasible, and will not exceed 20 m. • Operations associated with roads and landings are not permitted within 50-200 m of occupied nests during the *critical breeding period* based on potential impact (see table in *Operational Prescription for the AOC*). • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings are not permitted within 50 m of primary nests. • Reasonable efforts will be made to avoid constructing new roads and landings within 50-200 m of primary nests or within forest retained as suitable nesting habitat. If roads are constructed, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance and the width of the cleared corridor will be as narrow as practical and feasible, and will not exceed 20 m. • Operations associated with roads and landings are not permitted within 50-200 m of occupied nests during the *critical breeding period* based on potential impact (see table in *Operational Prescription for the AOC*). • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest.		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New forestry aggregate pits are not permitted within 50 m of primary nests. • Reasonable efforts will be made to avoid constructing new forestry aggregate pits within 50-200 m of primary nests. • Operations associated with forestry aggregate pits are not permitted within 50-200 m of occupied nests during *the critical breeding period* based on potential impact (see table in *Operational Prescription for the AOC*), unless required for safety reasons or environmental protection.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
USRa	Yes	Alternate Nests of Uncommon Stick Nesting Raptors (great gray owl or northern goshawk) - Direction applies to nests known before, or found during, operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 50 m radius AOC centred on alternate nests.

- Nests known or suspected to have been occupied at least once within the past 5 years that are not primary nests, unless the nest and all associated nests within the nesting area have been documented as unoccupied for ≥3 consecutive years, in which case the nest is considered inactive.
- Any nest in good repair within 400 m of primary nests.

Harvest, Renewal and/or Tending Operations:

Harvest, renewal and tending are not permitted within the AOC. If some harvest occurs prior to discovery, the nest will be retained in a 0.8 ha unharvested patch that is as nearly circular as possible.

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.80-81.	Exception	No

B. Primary Roads, Branch Roads, and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New roads and landings are not permitted within the AOC. • No timing restriction on operations associated with roads and landings within the AOC.		

C. Operational Roads and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New roads and landings are not permitted within the AOC. • No timing restriction on operations associated with roads and landings within the AOC.		

D. Forestry Aggregate Pits

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New forestry aggregate pits are not permitted within the AOC. • No timing restriction on operations associated with forestry aggregate pits within the AOC.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
GNR	Yes	Ground nesting raptors (northern harrier, short-eared owl, or turkey vulture) - Direction applies to nests known before, or found during, operations.

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 50-150 m radius AOC centred on the occupied ground nest.

Ground nests known or suspected (with a high degree of certainty) to be occupied by northern harrier, short-eared owl, or turkey vulture.

Harvest, Renewal and/or Tending Operations:

Harvest, renewal and tending operations are permitted within the AOC subject to timing restrictions (see below):

AOC ID	Species	Radius of AOC	Timing
GNRa	Northern harrier	50 m	April 1st to July 31st
GNRb	Short-eared owl	100 m	March 15th to July 15th
GNRc	Turkey vulture	150 m	May 1st to August 31st

[1]There are no timing restrictions on harvest, renewal, or tending operations around unoccupied nests.

Harvest, renewal and tending operations are not permitted within 10-150 m of occupied nests during the *critical breeding period* (as per above table) based on potential impact of the operation. However, there is no timing restriction on hauling or low potential impact road maintenance (e.g. grading) if the road predates the nest.

Species	Timing Restriction		
	High Impact Operations[2]	Moderate Impact Operations[3]	Low Impact Operations[4]
Northern harrier	50 m	25 m	10 m
Short-eared owl	100 m	50 m	25 m
Turkey vulture	150 m	75 m	40 m

[2] Harvest, large tree plant (≥5 people) if visible from the nest, mechanical site preparation, road construction.

[3] Ground (air blast) herbicide application, large tree plant if not visible from the nest, small tree plant (<5 people) if visible from the nest, small crew using brush saws.

[4] Aerial application of herbicides, boundary/tree marking, hauling, routine road maintenance (e.g. grading).

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.87-88	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• Operations associated with roads and landings are not permitted within 10-150 m of occupied nests during the *critical breeding period* based on potential impact and species (see table in *Operational Prescription for the AOC*). • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• Operations associated with roads and landings are not permitted within 10-150 m of occupied nests during the *critical breeding period* based on potential impact and species (see table in *Operational Prescription for the AOC*). • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest.		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• Operations associated with forestry aggregate pits are not permitted within 10-150 m of occupied nests during the *critical breeding period* based on potential impact and species (see table in *Operational Prescription for the AOC*).		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
CNR	Yes	Cavity Nesting Raptors (American kestrel, barred owl, boreal owl, eastern screech-owl, great horned owl, northern hawk owl, northern saw-whet owl or chimney swift) - Direction applies to nests known before, or found during, operations.

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 25-100 m radius AOC centred on the occupied nest/roost. Refer to Conditions on Regular Operations for unoccupied nests.

Nests/communal roosts in cavities known or suspected to be occupied by the American kestrel, barred owl, boreal owl, eastern screech-owl, great horned owl, northern hawk owl, northern saw-whet owl or chimney swift.

Harvest, Renewal and/or Tending Operations:

Harvest, renewal and tending operations are permitted within the AOC subject to timing restrictions (see below) and the following conditions:

AOC ID	Species	Radius of AOC	Nest Tree Retention	Timing[1]
CNRa	Barred owl	100 m	The nest/communal roost tree will be retained in an unharvested residual patch (≥ 20 m radius).	March 15th to July 15th
CNRb	Great horned owl Chimney swift	50 m	The nest/communal roost tree will be retained in an unharvested residual patch (≥ 20 m radius).	February 1st to May 31st May 1st to September 30th
CNRc	Northern hawk owl	50 m	The nest tree will be retained as a wildlife tree if not a safety concern. Otherwise it will be retained in an unharvested patch (≥ 20 m radius).	March 15th to July 15th
CNRd	American kestrel, boreal owl	25 m	The nest tree will be retained as a wildlife tree if not a safety concern. Otherwise it will be retained in an unharvested patch (≥ 20 m radius).	April 1st to July 31st
CNRe	Eastern screech owl, northern saw-whet owl	25 m	The nest tree will be retained as a wildlife tree if not a safety concern. Otherwise it will be retained in an unharvested patch (≥ 20 m radius).	March 15th to July 15th

[1]There are no timing restrictions on harvest, renewal, or tending operations around unoccupied nests. See CROs for unoccupied nests.

Harvest, renewal and tending operations are not permitted within 0-100 m of occupied nests/roosts during the *critical breeding period* (as per above table) based on potential impact of the operation. However, there is no timing restriction on hauling or low potential impact road maintenance (e.g. grading) if the road predates the nest.

Species	Timing Restriction		
	High Impact Operations[2]	Moderate Impact Operations[3]	Low Impact Operations[4]
Barred owl	100 m	50 m	20 m
Great horned owl, northern hawk owl	50 m	25 m	10 m
American kestrel, boreal owl, eastern screech owl, northern saw-whet owl	25 m	10 m	0 m

[2] Harvest, large tree plant (≥5 people) if visible from the nest, mechanical site preparation, road construction.

[3] Ground (air blast) herbicide application, large tree plant if not visible from the nest, small tree plant (<5 people) if visible from the nest, small crew using brush saws.

[4] Aerial application of herbicides, boundary/tree marking, hauling, routine road maintenance (e.g. grading).

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.85-87	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings will not be constructed within 20 m of nests/communal roosts of the barred owl or great horned owl. • Reasonable efforts will be made to avoid constructing new roads and landings within 20 m of nests of the American kestel, boreal owl, eastern screech owl, northern hawk owl or northern saw-whet owl. • Operations associated with roads and landings are not permitted within 0-100 m of occupied nests during the *critical breeding period* based on potential impact and species (see table in *Operational Prescription for the AOC*). • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest/communal roost.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings will not be constructed within 20 m of nests/communal roosts of the barred owl or great horned owl. • Reasonable efforts will be made to avoid constructing new roads and landings within 20 m of nests of the American kestel, boreal owl, eastern screech owl, northern hawk owl or northern saw-whet owl. • Operations associated with roads and landings are not permitted within 0-100 m of occupied nests during the *critical breeding period* based on potential impact and species (see table in *Operational Prescription for the AOC*). • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest/communal roost.		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New forestry aggregate pits will not be constructed within 20 m of nests/communal roosts of the barred owl or great horned owl. • Reasonable efforts will be made to avoid constructing new forestry aggregate pits within 20 m of nests of the American kestel, boreal owl, eastern screech owl, northern hawk owl or northern saw-whet owl. • Operations associated with forestry aggregate pits are not permitted within 0-100 m of occupied nests during the *critical breeding period* based on potential impact and species (see table *in Operational Prescription for the AOC*). • No timing restriction on operations associated with forestry aggregate pits around unoccupied nests.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
BSN	Yes	Barn Swallow Nest - Direction applies to nests known before, or found during, operations.

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:
A 50 m AOC delineated around nests and colonies on natural nest sites.
Barn swallow nests at nest sites known or suspected to have been occupied by Barn Swallows within the past three breeding seasons.

Harvest, Renewal and/or Tending Operations:
Harvest, renewal and tending operations are not permitted during the *critical breeding period* of May 1st to August 31st.
Outside of the *critical breeding period* all operations are permitted, provided they do not remove or destroy the nest.

Source	Operational prescription developed by the Planning Team based on the MNRF General Habitat Description for the Barn Swallow	Exception	No

B. Primary Roads, Branch Roads, and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New roads and landings are not permitted within 50 metres of active colonies • Operations associated with roads and landings are not permitted within 50 metres of occupied nests within colonies during the *critical breeding period*, unless required to address safety or environmental protection issues • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the colony, however road maintenance is not permitted on a structure that is supporting nests if the maintenance will potentially disturb nesting pairs. If maintenance must occur during the breeding season, contact MNRF for protocols		

C. Operational Roads and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New roads and landings are not permitted within 50 metres of active colonies • Operations associated with roads and landings are not permitted within 50 metres of occupied nests within colonies during the *critical breeding period*, unless required to address safety or environmental protection issues • There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the colony, however road maintenance is not permitted on a structure that is supporting nests if the maintenance will potentially disturb nesting pairs. If maintenance must occur during the breeding season, contact MNRF for protocols.		

D. Forestry Aggregate Pits

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• Operations associated with aggregate pits are not permitted within 50 metres of occupied nests within colonies during the *critical breeding period*		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
WET	Yes	Wetlands occupied by black tern or yellow rail - Direction applies to suitable breeding habitat delineated by MNRF prior to, or during operations.

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

Delineated habitat comprises the AOC. Suitable habitat occupied by breeding black terns or yellow rails within the past 10 years defined by either:

- suitable habitat occupied by breeding birds as delineated through field survey,
- a 15 ha (yellow rail) or 20 ha (black tern) patch of suitable non-forested wetland habitat (or the entire wetland polygon if <15/20 ha) associated with individual *Element of Occurrence* observation points or other reliable sightings associated with breeding activity.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal and tending operations are permitted within the AOC. Conditions on Regular Operations (CROs) for mapped permanent non-forested wetlands also apply.

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.125 -126.	Exception	No

B. Primary Roads, Branch Roads, and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New all-weather roads and landings are not permitted within the AOC. • Water drawdowns or other activities that significantly alter hydrological regime are not permitted. • New winter roads are not permitted within the AOC unless there is no practical or feasible alternative. Reasonable efforts will be made to mitigate potential impact on occupied habitat. • Conditions on Regular Operations (CROs) for mapped permanent non-forested wetlands also apply.		

C. Operational Roads and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New all-weather roads and landings are not permitted within the AOC. • Water drawdowns or other activities that significantly alter hydrological regime are not permitted. • New winter roads are not permitted within the AOC unless there is no practical or feasible alternative. Reasonable efforts will be made to mitigate potential impact on occupied habitat. • Conditions on Regular Operations (CROs) for mapped permanent non-forested wetlands also apply.		

D. Forestry Aggregate Pits

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• New forestry aggregate pits are not permitted within the AOC. • Conditions on Regular Operations (CROs) for mapped permanent non-forested wetlands also apply.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
BBD	Yes	Occupied Black Bear Den - Direction applies to dens known before, or found during operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 100 m AOC centred on the den entrance.

Dens known or suspected to contain one or more hibernating black bears.

Harvest, Renewal and/or Tending Operations:

Regular harvest, renewal, and tending operations are permitted within the AOC subject to timing restrictions (see below).

Harvest, renewal, and tending operations involving heavy equipment are not permitted within the AOC during the *denning period* (*October 15 to April 30*).

Other harvest, renewal, and tending operations that might potentially disturb denning bears are not permitted within the AOC during the first 4 weeks of the *denning period* (*October 15 to April 30*).

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp. 94-95	Exception	No

B. Primary Roads, Branch Roads, and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• Road construction is not permitted within the AOC during the *denning period*. • Hauling and road maintenance operations are not permitted within the AOC during the *denning period*, unless the road predated the den or is required for safety reasons or environmental protection.		

C. Operational Roads and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• Road construction is not permitted within the AOC during the *denning period*. • Hauling and road maintenance operations are not permitted within the AOC during the *denning period*, unless the road predated the den or is required for safety reasons or environmental protection.		

D. Forestry Aggregate Pits

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• Aggregate extraction is not permitted within the AOC during the *denning period*.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
WDS	Yes	Wolf Denning Site - Direction applies to dens known before, or found during operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 200 m AOC centred on the den comprised of a reserve (0-100 m) and a modified zone (101-200 m).

Suitable dens known or suspected to have been occupied by wolves at least once within the past 5 years for northern grey wolf, or 10 years for eastern wolf.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal and tending operations are permitted within the reserve (0-100 m).

Regular harvest, renewal and tending is permitted within the modified zone (100-200 m) subject to residual pattern and wildlife tree and downed woody debris requirements.

Harvest, renewal and tending operations are not permitted within the modified zone during the *denning period* (*April 15 to July 15*).

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.96-97	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings are not permitted within the reserve (0-100 m). • Reasonable efforts will be made to avoid constructing new roads and landings within the modified zone (100-200 m). • When roads are constructed within the AOC, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance and the width of the cleared corridor will be as narrow as practical and feasible, and will not exceed 20 m. • Operations associated with roads and landings are not permitted within 200 m of an occupied den during the *denning period*. • There is no timing restriction on hauling or road maintenance operations in the modified zone (100-200 m) if the road predates the den.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings are not permitted within the reserve (0-100 m). • Reasonable efforts will be made to avoid constructing new roads and landings within the modified zone (100-200 m). • When roads are constructed within the AOC, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance and the width of the cleared corridor will be as narrow as practical and feasible, and will not exceed 20 m. • Operations associated with roads and landings are not permitted within 200 m of an occupied den during the *denning period*. • There is no timing restriction on hauling or road maintenance operations in the modified zone (100-200 m) if the road predates the den.		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New forestry aggregate pits are not permitted within the reserve (0-100 m). • Reasonable efforts will be made to avoid constructing new forestry aggregate pits within the modified zone (101-200 m). • Operations associated with forestry aggregate pits are not permitted within 200 m of an occupied den during the denning period, unless required for safety reasons or environmental protection.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
BAH	Yes	Bat Hibernacula - Direction applies to hibernacula known before, or found during operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 200 m AOC centred on the entrance to the hibernacula comprised of a reserve.

Hibernacula known to be suitable and to have been used at least once within the past 20 years by:

- ≥30 big brown bats, or ≥1 tri-coloured bats, or ≥1 northern myotis, or ≥1 eastern small footed myotis, or ≥1 little brown myotis, or;
- As otherwise identified as significant by MNRF.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal and tending operations are permitted within the reserve (0-200 m).

Source	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, pp.99-100	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and, landings are not permitted within the inner 100 m of the AOC. Wherever possible new roads and landings will be avoided in the outer 100 metres of the AOC. • When roads are constructed within the AOC, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance and the width of the cleared corridor will be as narrow as practical and feasible, and will not exceed 20 m. • Hauling and road maintenance and road construction operations are not permitted within the inner 100 m of the AOC during the *hibernation and associated entrance and emergence periods* (September 1 to May 30) unless the road predates the hibernaculum.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and, landings are not permitted within the inner 100 m of the AOC. Wherever possible new roads and landings will be avoided in the outer 100 metres of the AOC. • When roads are constructed within the AOC, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance and the width of the cleared corridor will be as narrow as practical and feasible, and will not exceed 20 m. • Hauling and road maintenance and road construction operations are not permitted within the inner 100 m of the AOC during the *hibernation and associated entrance and emergence periods* (September 1 to May 30) unless the road predates the hibernaculum.		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New forestry aggregate pits are not permitted within the inner 100 m of the AOC. • Reasonable efforts will be made to avoid constructing new forestry aggregate pits within the outer 100 m of the AOC. • Operations associated with forestry aggregate pits are not permitted within the AOC during the *entrance and emergence periods*, unless required for safety reasons or environmental protection.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
BTH	Yes	Blanding's Turtle Habitat – Direction applies to habitat identified by MNRF prior to, or during operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A variable width AOC based on delineated habitat area, as mapped.

- Aquatic and terrestrial habitats within 2 km of individual Element Occurrence observation points or other reliable sightings from within the past 20 years.
- Suitable aquatic habitat is defined as aquatic features that have a high potential to be used either during the active season (suitable summer habitat) or during hibernation (suitable winter habitat), as identified by MNRF based on field surveys or other reliable methods.

Harvest, Renewal and/or Tending Operations:

Within the inner 1 km of the AOC, regular harvest, renewal and tending operations are permitted subject to the following restrictions:

- Harvest, renewal and tending operations are not permitted within 30 m of known or suspected nesting sites as identified by the MNRF.
- No harvest, renewal or tending operations are permitted that will result in damage to littoral zones or shorelines and associated stabilizing vegetation, or deposition of sediment within suitable summer habitat. Operations specifically prohibited within the AOC include:
  - Machine travel within 3 m of suitable summer habitat.
  - Felling of trees into or within 3 m of suitable summer habitat. Trees accidentally felled into suitable summer habitat will be left where they fall.
  - Excessive removal or damage of sapling-sized trees (<10 cm dbh) and shrubs within the inner 3 m of summer suitable habitat.
  - Disturbance of the forest floor that leaves ruts or a significant area of exposed mineral soil within 15 m of suitable summer habitat. Ruts and significant patches of exposed mineral soil will be promptly rehabilitated to prevent sediment from entering suitable summer habitat. Patches of mineral soil exposed by natural events are excluded.
  - Disturbance of the forest floor that disrupts hydrological function (i.e., impedes, accelerates, or diverts water movement) within recognizable ephemeral streams, springs, seeps and other areas of groundwater discharge connected to suitable summer habitat.
  - No ruts permitted that channel water into, or within 15 m of, suitable summer habitat.
- Operations involving heavy equipment (e.g., mechanical harvesters, skidders, bulldozers, etc.) or otherwise representing a potential injury risk to turtles are not permitted within:
  - suitable winter habitat (any season),
  - 30 m of suitable summer habitat during the *active season* (April 15 to October 15)
  - 150 m of suitable summer habitat during the *terrestrial period* (May 1 to September 30) (except during the *low activity period* from July 15 to August 31)
  - 300 m of suitable summer habitat during the *nesting period* (June 1 to June 30)

Source	Revised direction to the Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales for Blanding's turtle, January 21, 2016.	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
During the active season, use of roads within the entire AOC will be accompanied by driver awareness training, including a strategy to mitigate potential for traffic-related mortality of turtles. Reasonable efforts will be made to ensure roads constructed within the entire AOC will be located to avoid key habitat features (e.g., nesting sites hibernacula, suspected travel corridors. Within the inner 1 km of the AOC: • Construction of new landings and use of existing landings are not permitted within 30 m of known or suspected nesting sites as identified by MNRF. • New roads (including winter roads and approaches to water crossings) are not permitted within suitable winter habitat, within 30 m of suitable summer habitat (unless constructed using techniques that will avoid traffic-related mortality as specified by MNRF conditions), or within 30 m of known or suspected nesting sites as identified by MNRF. • Road construction is not permitted within: o 30 m of known or suspected nesting sites (as identified by MNRF), o 30 m of suitable summer habitat during the *active season* (April 15 to October 15), o 150 m of suitable summer habitat during the *terrestrial period* (May 1 to September 30) (except during the *low activity period* from July 15 to August 31), o 300 m of suitable summer habitat during the *nesting period* (June 1 to June 30). • Water drawdowns are not permitted in suitable aquatic habitat. • Within 150 m of suitable summer habitat, dust control may be accomplished with the use of water only. • Reasonable efforts will be made to minimize access. New roads will be located in consultation with MRNF • Generally, new all-weather roads are not permitted within 150 m of suitable summer habitat. However, these restrictions do not apply to new all-weather single-lane roads constructed on clearly recognizable roadbeds that are dominated by vegetation no larger than shrubs and sapling-sized trees, unless in high risk locations as identified by MNRF. In all cases, new all-weather roads will be decommissioned or otherwise subject to access control measures following operations. As well, the location and construction of all new all-weather roads will be subject to locally appropriate MNRF conditions that restrict traffic speed/volume and road longevity or that otherwise minimize the risk of traffic-related mortality. • Reasonable efforts will be made to avoid constructing new all-weather roads within 150-300 m of suitable summer habitat. • Reasonable efforts will be made to promptly decommission new roads or implement access control measures. • When new roads are constructed, reasonable efforts will be made to use winter roads and temporary crossings. • Hauling is not permitted within 150 m of suitable summer habitat during the *terrestrial period* (except during the *low activity* period subject to conditions identified by the MNRF) or within 300 m of suitable summer habitat during the *nesting period*. • During *nesting and incubation period* (June 1 – Sept 30) road maintenance operations that disturb the roadbed (except those required for safety reasons or environmental protection) are not permitted within 150 m of suitable summer habitat except along road segments unlikely to be used for nesting (as identified by MNRF). The timing of this restriction may be adjusted to reflect annual variation in weather or other local factors.		

FMP – 11 Operational Prescriptions for Areas of Concern

C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**

During the active season, use of roads within the entire AOC will be accompanied by driver awareness training, including a strategy to mitigate potential for traffic-related mortality of turtles.
Reasonable efforts will be made to ensure roads constructed within the entire AOC will be located to avoid key habitat features (e.g., nesting sites hibernacula, suspected travel corridors.
Within the inner 1 km of the AOC:
• Construction of new landings and use of existing landings are not permitted within 30 m of known or suspected nesting sites as identified by MNRF.
• New roads (including winter roads and approaches to water crossings) are not permitted within suitable winter habitat, within 30 m of suitable summer habitat (unless constructed using techniques that will avoid traffic-related mortality as specified by MNRF conditions), or within 30 m of known or suspected nesting sites as identified by MNRF.
• Road construction is not permitted within:
  ○ 30 m of known or suspected nesting sites (as identified by MNRF),
  ○ 30 m of suitable summer habitat during the *active season* (April 15 to October 15),
  ○ 150 m of suitable summer habitat during the *terrestrial period* (May 1 to September 30) (except during the *low activity period* from July 15 to August 31),
  ○ 300 m of suitable summer habitat during the *nesting period* (June 1 to June 30).
• Water drawdowns are not permitted in suitable aquatic habitat.
• Within 150 m of suitable summer habitat, dust control may be accomplished with the use of water only.
• Reasonable efforts will be made to minimize access. New roads will be located in consultation with MRNF
• Generally, new all-weather roads are not permitted within 150 m of suitable summer habitat. However, these restrictions do not apply to new all-weather single-lane roads constructed on clearly recognizable roadbeds that are dominated by vegetation no larger than shrubs and sapling-sized trees, unless in high risk locations as identified by MNRF. In all cases, new all-weather roads will be decommissioned or otherwise subject to access control measures following operations. As well, the location and construction of all new all-weather roads will be subject to locally appropriate MNRF conditions that restrict traffic speed/volume and road longevity or that otherwise minimize the risk of traffic-related mortality.
• Reasonable efforts will be made to avoid constructing new all-weather roads within 150-300 m of suitable summer habitat.
• Reasonable efforts will be made to promptly decommission new roads or implement access control measures.
• When new roads are constructed, reasonable efforts will be made to use winter roads and temporary crossings.
• Hauling is not permitted within 150 m of suitable summer habitat during the *terrestrial period* (except during the *low activity* period subject to conditions identified by the MNRF) or within 300 m of suitable summer habitat during the *nesting period*.
• During *nesting and incubation period* (June 1 – Sept 30) road maintenance operations that disturb the roadbed (except those required for safety reasons or environmental protection) are not permitted within 150 m of suitable summer habitat except along road segments unlikely to be used for nesting (as identified by MNRF). The timing of this restriction may be adjusted to reflect annual variation in weather or other local factors.		

FMP – 11 Operational Prescriptions for Areas of Concern

D. Forestry Aggregate Pits		
Planned or Existing Conditions on Location, Construction or Use	**Public Comment**	**Exception**

Within the inner 1 km of the AOC:
• New forestry aggregate pits are not permitted within 150 m of suitable summer habitat.
• Aggregate extraction is not permitted within:
  ○ 30 m of known or suspected nesting sites (as identified by MNRF),
  ○ 30 m of suitable summer habitat during the *active season* (April 15 to October 15),
  ○ 150 m of suitable summer habitat during the *terrestrial period* (May 1 to September 30) (except during the *low activity period* from July 15 to August 31),
  ○ 300 m of suitable summer habitat during the *nesting period* (June 1 to June 30).
• Reasonable efforts will be made to avoid establishing new forestry aggregate pits within 151-300 m of suitable summer habitat.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
TRA	Yes	Trapper's Cabin

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 60m reserve measured from the trap cabin.

A 120m modified zone measured the from trap cabin.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending operations are permitted in the reserve.

Aerial chemical site preparation or aerial chemical tending is not permitted within 120 metres of the trapper's cabin. Chemical ground tending is permitted within 120 metres of the trapper's cabin, outside of the reserve.

Source	2009 Romeo Malette Forest FMP	Exception	No

B. Primary Roads, Branch Roads, and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• No new roads or landings are permitted in the reserve. • No restrictions on the construction or use of primary or branch roads and landings in the modified zone.		

C. Operational Roads and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• No new roads or landings are permitted in the reserve. • No restrictions on the construction and use of operational roads and landings in the modified zone.		

D. Forestry Aggregate Pits

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• No new forestry aggregate pits are permitted in the reserve. • No restrictions on new or existing forestry aggregate pits in the modified zone.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
COT	Yes	Cottage/Residential Property

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 120 m reserve measured from cottage/residence as mapped. For cottages located on private land parcels, a 60 m reserve measured from the private property boundary. If the latter is less than 120 m from the cottage, a 120 m AOC will be applied in the field.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending operations are permitted in the reserve.

Source	2009 Romeo Malette Forest FMP	Exception	No

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new roads or landings are permitted in the reserve.		

C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new roads or landings are permitted in the reserve.		

D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new forestry aggregate pits are permitted in the reserve.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
CRL	Yes	Cottage/Residential Lakes; Horwood Lake, Groundhog Lake, Papakomeka Lake, Kenogamissi Lake, Mattagami Lake, Keefer Lake, Sewell Lake, Weston Lake, Luquer Lake

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 120 m reserve measured from the treed edge of the lake.

A 1000 m modified zone extending from the lake.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending operations are permitted in the reserve.

Seasonal timing restriction on harvest operations (excluding road construction[1]) within 1000 m of the water's edge between the May long weekend and the September long weekend, unless other arrangements have been made with the affected cottagers. There are no timing restrictions on renewal and tending activities.

Viewscape protection will be provided on allocations within 1000 m of the water's edge which may impact the visual integrity of the lake. Based on digital viewscape analysis the following blocks require viewscape protection: **Blocks 457, 506 and 514**. Full retention of residual patches will occur for visible areas (i.e., visible areas have been removed from the harvest allocation).

Source	Operational Prescription Developed by the Planning Team	Exception	No

B. Primary Roads, Branch Roads, and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• No new roads or landings are permitted in the reserve. • No restrictions on the construction or use of primary or branch roads and landings in the modified zone.		

C. Operational Roads and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• No new roads or landings are permitted in the reserve. • No restrictions on the construction or use of operational roads and landings in the modified zone.		

D. Forestry Aggregate Pits

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• No new forestry aggregate pits are permitted in the reserve. • No restrictions on new or existing forestry aggregate pits in the modified zone.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
RTL	Yes	Remote Tourism Lakes; Katagi Lake, Rutter Lake (Lake #14 in Carter Twp), Lake #3 in Stetham Twp

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 120 m reserve measured from the treed edge of the lake.

A 400 m no road zone (NRZ) extending from the water's edge.

A 1000 m modified zone extending from the lake.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending operations are permitted in the reserve.

Seasonal timing restriction on harvest operations (excluding road construction[1]) within 1000 m of the water's edge between the May long weekend and the September long weekend, unless other arrangements have been made with the outfitter or the Timmins District MNRF. There are no timing restrictions on renewal and tending activities.

Viewscape protection will be provided on allocations within 1000 m of the water's edge which may impact the visual integrity of the lake. Based on digital viewscape analysis no blocks require viewscape protection.

[1] Road construction activities may include, but are not limited to: road line harvesting, water crossing installation, ditching, subgrade, graveling and grading.

Source	Operational Prescription Developed by the Planning Team	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new primary or branch roads or landings are permitted in the AOC.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new operational roads or landings are permitted in the reserve. • No new operational roads or landings are permitted within the no road zone except under extraordinary circumstances subject to MNRF approval. Any roads constructed under the MNRF's approval will be decommissioned immediately following the harvest operations. • Within 400-1000m of the lake, operational roads must be effectively decommissioned once all forest management activities have been completed in the area to prevent motorized overland access. • If existing roads are used within the modified zone to access operations, they will be effectively decommissioned as per above bullet.		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No forestry aggregate pits are permitted in the reserve or the no road zone. • Aggregate extraction will be permitted within 400-1000m of the lake to facilitate subgrade construction and provide material for the short-term maintenance of the roads during active operations (i.e., sand for winter roads). Once operations have been completed, pits will be rehabilitated and closed.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
ATL	Yes	Accessed Tourism Lakes; Tatachikapika Lake, Kenogaming Lake, Forearm Lake, Hardiman Lake (see the CRL AOC for the following Accessed Tourism Lakes, not included in the AOC: Mattagami, Kenogamissi, Groundhog and Horwood Lakes)

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 120 m reserve measured from the treed edge of the lake.

A 400 m road removal zone (RRZ) extending from the water's edge.

A 1000 m modified zone extending from the water's edge.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending operations are permitted in the reserve.

Seasonal timing restriction on harvest operations (excluding road construction[1]) within 1000 m of the water's edge between the May long weekend and the September long weekend, unless other arrangements have been made with the outfitter or the Timmins District MNRF. There are no timing restrictions on renewal and tending activities.

Viewscape protection will be provided on allocations within 1000 m of the water's edge which may impact the visual integrity of the lake. Based on digital viewscape analysis the following blocks require viewscape protection: **Blocks 486, 487, 488, 490**. Full retention of residual patches will occur for visible areas (i.e., visible areas have been removed from the harvest allocation).

[1] Road construction activities may include, but are not limited to: road line harvesting, water crossing installation, ditching, subgrade, graveling and grading.

Source	Operational Prescription Developed by the Planning Team	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new primary or branch roads or landings are permitted in the AOC. • There are no restrictions on the use of existing roads within the AOC, outside of the 120 m reserve.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new operational roads or landings are permitted in the reserve. • There are no restrictions on the use of existing roads within the AOC, outside of the 120 m reserve. • Reasonable efforts will be made to avoid constructing new roads and landings within 120-400 m of the lake (RRZ). Any new roads constructed within the RRZ are to be effectively decommissioned following harvest to prevent motorized overland access. • No restrictions on the construction and use of operational roads and landings in the modified zone (400-1000 m).		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new forestry aggregate pits are permitted in the reserve. • Aggregate extraction will be permitted within 120-400m of the lake to facilitate subgrade construction and provide material for the short-term maintenance of the roads during active operations (i.e., sand for winter roads). Once operations have been completed, pits will be rehabilitated and closed.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
CAN	Yes	Canoe Routes and Canoe Portage Trails

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

This AOC consists of a reserve.

A 120m reserve along the canoe route as mapped.

A 120m reserve is prescribed on either side of any portage trail encountered within harvest allocations.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending operations are permitted in the reserve.

Source	2009 Romeo Malette Forest FMP	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings will be permitted through AOC to access harvest areas with MNRF approval. • The following conditions apply to canoe route portages: o The cleared road right -of-way will be kept as narrow as possible in the reserve and will not exceed 15m in width for 120m on either side of the portage. o At the point of intersection with a portage, the road will be constructed with as little site disturbance as possible. Grubbing will be minimized, or eliminated if possible. o A warning sign prior to the intersection will be erected to warn motorists of the portage crossing as well, a warning sign will be posted on the portage to warn canoeists of the road crossing. o Construct curves at both ends of these crossing corridors so that standing timber can block the view along the haul road into adjacent cut areas. If safety concerns are raised by trucker traffic some modification to curves may need to take place.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings will be permitted through AOC to access harvest areas with MNRF approval. • The following conditions apply to canoe route portages: o The cleared road right -of-way will be kept as narrow as possible in the reserve and will not exceed 15m in width for 120m on either side of the portage. o At the point of intersection with a portage, the road will be constructed with as little site disturbance as possible. Grubbing will be minimized, or eliminated if possible. o A warning sign prior to the intersection will be erected to warn motorists of the portage crossing as well, a warning sign will be posted on the portage to warn canoeists of the road crossing. o Construct curves at both ends of these crossing corridors so that standing timber can block the view along the haul road into adjacent cut areas. If safety concerns are raised by trucker traffic some modification to curves may need to take place.		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new forestry aggregate pits are permitted in the reserve.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
APA	Yes	Archaeological Potential Area

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

Archaeological potential area is the area from the predictive model, as mapped.

Harvest, Renewal and/or Tending Operations:

Within each mapped area one of the following will be done:

- A reserve, **OR;**
- Operations where the harvest, skidding, and renewal activities do not cause more than 5% mineral soil disturbance (on a weighted average basis) within the harvested portion of the area of concern within the block. Examples include: winter harvest on frozen ground (i.e. frozen to >20 cm); site preparation to align slash and/or expose (but not disturb) mineral soil; and tree planting, aerial seeding and tending with herbicides. Skid trails need to be planned so that they are the shortest distance possible within the area of concern and sharp corners will be avoided, **OR;**
- For salvage operations within blowdown areas the mineral soil disturbance (weighted average) may exceed 5% within the area of concern due to the previous disturbance of mineral soil by uprooted root mats. Root mats are to be put back into place wherever possible, **OR;**
- If a Ministry of Culture Stage 2 archaeological assessment is completed, nothing is found and the recommendation is that no further archaeological work is required and Ministry of Culture has reviewed the report THEN regular operations can proceed in the assessed area.

Copies of any archaeological assessment reports will be provided to the District MNRF and the Provincial Cultural Heritage Specialist.

Source	Forest Management Guide for Cultural Heritage Values, p. 33-35; 66	Exception	No

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New roads and landings require a Stage 2 archaeological assessment.		

C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New operational roads and landings crossing the AOC can be designed with no mineral soil disturbance, otherwise a Stage 2 archaeological assessment is required.		

D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• New forestry aggregate pits are not permitted within 15 m of an archaeological potential area. Use of existing pits may be permitted on a case by case basis with prior approval of the MNRF provided the pit is not expanded outward or no additional ground disturbance associated with the project takes place.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
CV1	Yes	Confidential Value

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 200 m reserve from site centre.

Marking of the reserve boundaries must not draw attention to the value.

Note: Location of these values is not included on values maps and Areas Selected for Operations Maps in the FMP. Locations will be available for operations supervisors so that they may identify the AOC boundary on the ground.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending operations are permitted in the reserve.

Source	Forest Management Guide for Cultural Heritage Values, pp. 27, 29-31, 64.	Exception	No

B. Primary Roads, Branch Roads, and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• No new roads or landings are permitted in the reserve.		

C. Operational Roads and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• No new roads or landings are permitted in the reserve.		

D. Forestry Aggregate Pits

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• No new forestry aggregate pits are permitted in the reserve.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
CV2	Yes	Confidential Value

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A variable width AOC as identified in the area of concern information product (AOC coverage)[1].

Marking of the reserve boundaries must not draw attention to the value(s).

[1]Location of value(s) is not included on values maps and Areas Selected for Operations Maps in the FMP. Additional information will be available for the operations supervisor, as required, so that they may identify the AOC boundary on the ground.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending operations are permitted in the reserve.

Source	Operational Prescription Developed based on Discussions with the Affected Party.	Exception	No

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new roads or landings are permitted in the reserve.		

C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new roads or landings are permitted in the reserve.		

D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new forestry aggregate pits are permitted in the reserve.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
CHL	Yes	Cultural Heritage Landscape Point/Polygon – Direction applies to values known before, or found during operations

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 10 m reserve around the value (i.e., the remains of historic buildings, bridges, equipment, etc). Reserves for structural remains must be established by encircling all associated remains and features with the 10m reserve.

Note: The decision to protect cultural heritage landscape features should be done in consultation with the MNRF (Cultural Heritage Specialist) and if necessary, the Ministry of Culture. Sites identified as having greater cultural heritage value or interest, or with potential for associated archaeological remains will require protection measure(s) specific to that value.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending operations are permitted in the reserve.

Source	Forest Management Guide for Cultural Heritage Values, pp. 36-41, 68.	Exception	No

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new roads or landings are permitted in the reserve.		

C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new roads or landings are permitted in the reserve.		

D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new forestry aggregate pits are permitted in the reserve.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
PRV	Yes	Private/Patent Land

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

This AOC consists of a reserve only.

A 30 m reserve as mapped.

If an agreement can be reached between the company and landowner, with respect to the actual location of the private/patent land boundary, the AOC is not required. Any agreement should be fully documented to avoid future issues.

Without such agreement, the limit of forest operations may be established leaving a buffer between operations and where the actual property boundary is believed to be, or an Ontario Land Surveyor can conduct a legal survey of the boundary.

If an existing road forms part of the property boundary, adjust the AOC boundary to follow the edge of existing road adjacent to the private land (i.e., do not extend the reserve to include area on the opposite side of an existing road).

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending operations are permitted in the reserve.

Source	Procedure FOR 05 01 04: Marking the limit of operations adjacent to private and Crown properties (2004), pp. 5-6, 8	Exception	No

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new roads or landings are permitted in the reserve without permission from the land owner. • Existing roads may be used with the permission of the land owner, if required (i.e., for non-SFL roads).		

C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new roads or landings are permitted in the reserve without permission from the land owner. • Existing roads may be used with the permission of the land owner, if required (i.e., for non-SFL roads).		

D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• Forestry aggregate pits are not permitted in the reserve.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
PGP	Yes	Provincial Forest Growth & Yield Research Plots: Permanent Growth Plot (PGP) - A PGP is a 400m^2 plot, 11.28m in radius

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

This AOC consists of a reserve only.

A 75 m reserve measured from the PGP centre.

If a reserve boundary crosses an existing road, adjust the AOC boundary to follow the edge of existing road adjacent to the plot (i.e. do not extend the reserve to include area on the opposite side of an existing road).

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending operations are permitted in the reserve.

Source		Exception	
	MNRF Growth and Yield Program PSP and PGP Reference Manual, 2009 (pp. 1-6 to 1-9) Forest Co-op Field Manual for the Location & Measurement of Permanent Growth Plots 2009		No

B. Primary Roads, Branch Roads, and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• No new roads or landings are permitted in the reserve.		

C. Operational Roads and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• No new roads or landings are permitted in the reserve.		

D. Forestry Aggregate Pits

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• No new forestry aggregate pits are permitted in the reserve.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
PSP	Yes	Provincial Forest Growth & Yield Research Plots: Permanent Sample Plot (PSP) - A PSP is a 6,400 m^2 plot, 48.14m in radius.

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

This AOC consists of a reserve only.

A 120 m reserve measured from the PSP centre.

If a reserve boundary crosses an existing road, adjust the AOC boundary to follow the edge of existing road adjacent to the plot (i.e. do not extend the reserve to include area on the opposite side of an existing road).

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending operations are permitted in the reserve.

Source		Exception	
	MNRF Growth and Yield Program PSP and PGP Reference Manual, 2009 (pp. 1-6 to 1-9) Forest Co-op Field Manual for the Location & Measurement of Permanent Growth Plots 2009		No

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new roads or landings are permitted in the reserve.		

C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new roads or landings are permitted in the reserve.		

D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
• No new forestry aggregate pits are permitted in the reserve.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
MSIM	Yes	Multi-species Inventory and Monitoring Plots

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 1000 m AOC measured from the plot centre including:

- A 1000 m modified zone measured from the plot centre - Notify the Wildlife Population Monitoring Program (WPMP) specialist in your region if operations are planned within this zone.

Active plots wil have *plot infrastructure* clearly marked and detailed station locations for all plots (inactive and active) are available from the WPMP specialist.

Station markers (aluminum posts), individual trees used to mount monitoring equipment, and the salamander coverboard survey grid are collectively referred to as *plot infrastructure.*

Harvest, Renewal and/or Tending Operations:

Contact the Regional Wildlife Populations Specialist with the Northeast Biodiversity and Monitoring Unit prior to operations to determine if monitoring plot is active or inactive. There are no conditions on tree planting and manual tending within the AOC (for active or inactive plots).

Inactive Plots:

Normal operations within the 1000 m AOC, however, operations should avoid damaging any plot infrastructure to the extent reasonably possible. Notify the WPMP specialist if the marker posts or salamander grid are damaged.

Active Plots:

- September 16 to April 30 – Normal operations can proceed if plot infrastructure is kept intact. Avoid traversing the salamander coverboard grid; however, trees within the grid can be removed provided no disturbance to any coverboards takes place.
- May 1 to September 15 – No operations may take place within the AOC unless other arrangements have been made with the WPMP specialist.

Source	Provincial Wildlife Population Monitoring Program Memo – June 12, 2017	Exception	No

FMP – 11 Operational Prescriptions for Areas of Concern

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
Contact the Regional Wildlife Populations Specialist with the Biodiversity and Monitoring Section prior to operations to determine if monitoring plot is active or inactive. There are no conditions on hauling or road maintenance for any type of plot (inactive or active). • New roads: – Inactive plots: New roads may be constructed in the AOC of inactive plots if reasonable efforts are made to ensure none of the plot infrastructure is within 15 m of the right-of-way. Notify the WPMP specialist if the marker posts or salamander grid are damaged. – Active plots: New roads may be constructed within the AOC of active plots if none of the plot infrastructure is within 15 m of the right-of-way. Construction can only take place from September 16 to April 30 unless other arrangements have been made with the WPMP specialist.		
C. Operational Roads and Landings		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
Contact the Regional Wildlife Populations Specialist with the Biodiversity and Monitoring Section prior to operations to determine if monitoring plot is active or inactive. There are no conditions on hauling or road maintenance on any type of plot (inactive or active). • New roads: – Inactive plots: New roads may be constructed in the AOC of inactive plots if reasonable efforts are made to ensure none of the plot infrastructure is within 15 m of the right-of-way. Notify the WPMP specialist if the marker posts or salamander grid are damaged. – Active plots: New roads may be constructed within the AOC of active plots if none of the plot infrastructure is within 15 m of the right-of-way. Construction can only take place from September 16 to April 30 unless other arrangements have been made with the WPMP specialist.		
D. Forestry Aggregate Pits		
Planned or Existing **Conditions on Location, Construction or Use**	**Public Comment**	**Exception**
Contact the Regional Wildlife Populations Specialist with the Biodiversity and Monitoring Section prior to operations to determine if monitoring plot is active or inactive. • New aggregate pits: – Inactive plots: Reasonable efforts will be made to ensure no new aggregate pits are placed within 500 m of plot center or within 100 m of any of the infrastructure. – Active plots: No new aggregate pits will be placed within 500 of plot center or within 100 m of any infrastructure. • Timing restrictions for active plots (September 16 to April 30) apply to forestry aggregate pits within the entire AOC unless other arrangements have been made with the WPMP specialist.		

FMP – 11 Operational Prescriptions for Areas of Concern

AOC ID	Group AOC	Description of Value
WMS	Yes	Waste Management Site

A. Operational Prescription for the AOC

Reserve/Modified Dimensions:

A 30 m reserve measured from the site boundary, unless otherwise specified.

Harvest, Renewal and/or Tending Operations:

No harvest, renewal or tending operations are permitted in the reserve.

Source	Operational Prescription Developed by the Planning Team	Exception	No

B. Primary Roads, Branch Roads, and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• No new roads or landings are permitted in the AOC. • Use of existing roads within the AOC is permitted.		

C. Operational Roads and Landings

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• No new roads or landings are permitted in the AOC. • Use of existing roads within the AOC is permitted.		

D. Forestry Aggregate Pits

Planned or Existing Conditions on Location, Construction or Use	Public Comment	Exception
• No new forestry aggregate pits are permitted in the reserve.		

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-12: Planned Harvest Area

Forest Unit	Available Harvest Area (ha)	Age Class or Stage of Management and Age Class	Planned Harvest Area 10 Year (ha)
BW1	-	001-021	-
	-	021-041	-
	271	041-061	168
	370	061-081	516
	263	081-101	309
	197	101-121	41
	-	121-141	-
	-	141-161	-
	-	161+	-
		BW1 Subtotal	1,033
LC1	-	001-021	-
	-	021-041	-
	-	041-061	-
	-	061-081	-
	1,683	081-101	1,909
	1,806	101-121	1,576
	861	121-141	824
	215	141-161	202
	-	161+	13
		LC1 Subtotal	4,524
MW1	-	001-021	-
	-	021-041	-
	109	041-061	159
	493	061-081	585
	1,197	081-101	1,191
	393	101-121	251
	143	121-141	82
	24	141-161	24
	-	161+	3
		MW1 Subtotal	2,296

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-12: Planned Harvest Area

Forest Unit	Available Harvest Area (ha)	Age Class or Stage of Management and Age Class	Planned Harvest Area 10 Year (ha)
MC2	-	001-021	-
	-	021-041	-
	-	041-061	-
	1,079	061-081	961
	2,006	081-101	1,801
	870	101-121	1,092
	262	121-141	319
	43	141-161	29
	3	161+	3
		MC2 Subtotal	4,205
MH2	-	001-021	-
	-	021-041	-
	109	041-061	253
	3,592	061-081	3,083
	2,605	081-101	2,701
	575	101-121	775
	152	121-141	111
	-	141-161	-
	-	161+	-
		MH2 Subtotal	6,923
PJ1	-	001-021	-
	-	021-041	10
	438	041-061	158
	256	061-081	376
	441	081-101	532
	172	101-121	184
	-	121-141	2
	-	141-161	-
	-	161+	-
		PJ1 Subtotal	1,262

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-12: Planned Harvest Area

Forest Unit	Available Harvest Area (ha)	Age Class or Stage of Management and Age Class	Planned Harvest Area 10 Year (ha)
PJ2	-	001-021	-
	-	021-041	-
	48	041-061	27
	146	061-081	164
	318	081-101	305
	224	101-121	236
	49	121-141	49
	-	141-161	-
	-	161+	-
		PJ2 Subtotal	781
PO1	-	001-021	-
	-	021-041	-
	271	041-061	426
	864	061-081	1,375
	1,576	081-101	1,439
	1,105	101-121	651
	172	121-141	74
	-	141-161	-
	-	161+	-
		PO1 Subtotal	3,964
SB1	-	001-021	-
	-	021-041	-
	-	041-061	-
	636	061-081	537
	3,679	081-101	3,610
	3,361	101-121	3,180
	3,218	121-141	3,170
	681	141-161	847
	110	161+	238
		SB1 Subtotal	11,583

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-12: Planned Harvest Area

Forest Unit	Available Harvest Area (ha)	Age Class or Stage of Management and Age Class	Planned Harvest Area 10 Year (ha)
SF1	-	001-021	-
	-	021-041	-
	-	041-061	-
	545	061-081	606
	867	081-101	855
	644	101-121	546
	374	121-141	369
	210	141-161	138
	38	161+	44
		SF1 Subtotal	2,558
SP1	-	001-021	-
	-	021-041	-
	-	041-061	33
	912	061-081	641
	4,347	081-101	4,548
	3,268	101-121	3,377
	2,398	121-141	2,210
	245	141-161	294
	49	161+	54
		SP1 Subtotal	11,157
All FUs	-	001-021	-
	-	021-041	10
	1,247	041-061	1,223
	8,894	061-081	8,844
	18,982	081-101	19,200
	12,615	101-121	11,909
	7,629	121-141	7,211
	1,419	141-161	1,534
	201	161+	356
		Age Class Subtotal	50,287
		Total	50,287

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-13: Planned Harvest Volume by Species

Forest Unit	Volume Type	10-Year Available Harvest Volume (m^3)		10-Year Planned Harvest Volume (m^3)										
				Conifer						Subtotal	Hardwood		Subtotal	Total
		Conifer	Hardwood	Pj	Sb	Sw	Bf	Ce	La		Po	Bw		
BW1	Net Merchantable	17,551	58,133	837	12,001	4,272	2,194	515	210	20,029	29,128	40,154	69,283	89,312
LC1		297,736	18,244	1,451	144,391	1,858	5,338	80,087	62,533	295,657	5,143	14,631	19,774	315,432
MW1		147,649	105,202	50,425	71,941	18,538	10,872	1,643	293	153,713	70,139	44,435	114,574	268,286
MC2		333,614	202,074	8,495	194,183	31,334	28,607	24,842	4,149	291,611	59,534	121,076	180,610	472,221
MH2		234,820	321,111	9,002	149,073	51,530	37,156	25,537	2,126	274,424	165,356	201,644	367,000	641,424
PJ1		269,069	10,266	216,575	10,863	216	221	-	263	228,138	7,112	1,486	8,598	236,736
PJ2		114,785	14,104	99,353	18,162	788	382	558	161	119,404	11,295	3,118	14,413	133,817
PO1		64,499	551,132	18,346	41,700	14,446	8,179	787	341	83,798	566,791	45,353	612,144	695,942
SB1		1,033,460	33,447	3,918	812,964	2,517	16,850	39,747	105,255	981,251	10,533	18,234	28,766	1,010,018
SF1		214,046	46,242	5,031	116,350	46,158	31,449	29,873	9,606	238,467	8,696	35,561	44,257	282,724
SP1		1,079,848	200,823	96,302	920,132	21,890	47,683	26,922	14,970	1,127,899	69,443	125,278	194,721	1,322,620
	Sub-Total	3,807,078	1,560,778	509,737	2,491,760	193,548	188,930	230,510	199,907	3,814,392	1,003,169	650,971	1,654,140	5,468,533
BW1	Undersize & Defect	3,861	17,256	97	2,955	794	726	37	58	4,667	7,117	14,175	21,292	25,959
LC1		58,347	5,968	168	35,553	345	1,767	5,727	17,204	60,763	1,257	5,165	6,422	67,185
MW1		27,821	29,847	5,837	17,714	3,446	3,599	117	81	30,793	17,138	15,686	32,824	63,617
MC2		75,312	62,968	983	47,813	5,824	9,469	1,776	1,141	67,008	14,546	42,742	57,289	124,296
MH2		52,799	96,763	1,042	36,705	9,579	12,299	1,826	585	62,036	40,403	71,184	111,587	173,623
PJ1		32,428	2,716	25,068	2,675	40	73	-	72	27,928	1,738	524	2,262	30,191
PJ2		15,595	3,818	11,500	4,472	147	126	40	44	16,329	2,760	1,101	3,861	20,190
PO1		14,452	140,131	2,123	10,268	2,685	2,707	56	94	17,934	138,489	16,011	154,500	172,434
SB1		249,986	10,217	454	200,172	468	5,578	2,842	28,957	238,470	2,574	6,437	9,010	247,481
SF1		46,021	14,712	582	28,648	8,580	10,410	2,136	2,643	52,999	2,125	12,554	14,679	67,678
SP1		245,780	61,459	11,147	226,560	4,069	15,784	1,925	4,118	263,603	16,968	44,226	61,193	324,796
	Sub-Total	822,403	445,856	59,001	613,534	35,977	62,538	16,482	54,997	842,530	245,114	229,806	474,920	1,317,450
	Total	**4,629,481**	**2,006,633**	568,738	3,105,295	229,525	251,468	246,993	254,904	4,656,922	1,248,283	880,777	2,129,060	6,785,982

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-14: Planned Harvest Volume and Wood Utilization

Licensee or Grouping	Planned Harvest Area (ha)	Utilization	Volume Type	Product	Volume by Species (m^3)										
					Conifer							Hardwood			Total
					Pj	Sb	Sw	Bf	Ce	La	Subtotal	Po	Bw	Subtotal	
All Licencees	50,287		Net Merchantable	Sawlogs	509,737	2,491,760	193,548	188,930	230,510	199,907	3,814,392			-	3,814,392
				Non-Veneer							-	852,694	624,932	1,477,626	1,477,626
				Veneer[a/b]							-	150,475	26,039	176,514	176,514
			Undersize & Defect		59,001	613,534	35,977	62,538	16,482	54,997	842,530	245,114	229,806	474,920	1,317,450
				Total	568,738	3,105,295	229,525	251,468	246,993	254,904	4,656,922	1,248,283	880,777	2,129,060	6,785,982
		Utilized	Net Merchantable	Sawlogs	509,737	2,491,760	193,548	188,930			3,383,975			-	3,383,975
				Non-Veneer							-	852,694	580,000	1,432,694	1,432,694
				Veneer							-	150,475		150,475	150,475
			Undersize & Defect		43,616	453,556	26,596	46,231	-	-	570,000	-	-	-	570,000
				Subtotal	553,353	2,945,316	220,144	235,162	-	-	3,953,975	1,003,169	580,000	1,583,169	5,537,144
		Unutilized	Net Merchantable	Sawlogs					230,510	199,907	430,417			-	430,417
				Non-Veneer								-	44,932	44,932	44,932
				Veneer								-	26,039	26,039	26,039
			Undersize & Defect		15,384	159,978	9,381	16,307	16,482	54,997	272,530	245,114	229,806	474,920	747,450
				Subtotal	15,384	159,978	9,381	16,307	246,993	254,904	702,947	245,114	300,777	545,891	1,248,838
				Total	568,738	3,105,295	229,525	251,468	246,993	254,904	4,656,922	1,248,283	880,777	2,129,060	6,785,982

Planned Harvest Volume is based on the Areas Selected for Operations for the 10-year plan

[a]Poplar veneer targets are based on the percentage of veneer recovery identified through the Northern Aspen Veneer Initiative - the veneer recovery factor for the Romeo Malette Forest is estimated to be 15%

[b] White birch veneer recovery factor for the Romeo Malette Forest is estimated to be 4%

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-15: Projected Wood Utilization by Mill

Mill	Wood Supply Mechanism	Volume (m^3)	Volume Type	Product	Volume by Species (m^3)										
					Conifer							Hardwood			Total
					Pj	Sb	Sw	Bf	Ce	La	Subtotal	Po	Bw	Subtotal	
RYAM Lumber (Cochrane)	Memorandum of Agreement[1]	45% of SPF	Net Merchantable	Sawlogs	229,382	1,121,292	87,096	85,019			1,522,789			-	1,522,789
EACOM Timber Corp (Timmins)	Memorandum of Agreement[1]	45% of SPF		Sawlogs	229,382	1,121,292	87,096	85,019			1,522,789			-	1,522,789
Little John Enterprises (Timmins)	Memorandum of Agreement[1]	10% of SPF		Sawlogs	50,974	249,176	19,355	18,893			338,398			-	338,398
GP Northwoods (Englehart)	Supply Agreement	840,000		Po OSB							-	840,000		840,000	840,000
GP Northwoods (Englehart)	Supply Agreement	580,000		Bw OSB							-		580,000	580,000	580,000
Rockshield Engineered Wood Products ULC (Cochrane)	Supply Agreement	133,800		Po Veneer							-	133,800		133,800	133,800
Open Market	n/a	29,369		Not Specified							-	29,369		29,369	29,369
				Subtotal	509,737	2,491,760	193,548	188,930	-	-	3,383,975	1,003,169	580,000	1,583,169	4,967,144
Millson Forestry Service (Timmins)	Conditional Commitment[2]	570,000	Undersize & Defect	SPF Unmerch	43,616	453,556	26,596	46,231			570,000				570,000
				Subtotal	43,616	453,556	26,596	46,231	-	-	570,000	-	-	-	570,000
				Total	553,353	2,945,316	220,144	235,162	-	-	3,953,975	1,003,169	580,000	1,583,169	5,537,144

[1] Agreement between RYAM, EACOM and Little John Enterprises

[2] Condition commitment resulting from competitive wood supply process.

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: 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 (m^3)		
			Conifer	Hardwood	Total
BW1	001-020				-
	021-040				-
	041-060	44	706	1,453	2,158
	061-080	146	2,277	10,376	12,653
	081-100	67	1,674	4,319	5,993
	101-120				-
	121-140				-
	141-160				-
	161+				-
	BW1 Subtotal	258	4,657	16,148	20,804
LC1	001-020				-
	021-040				-
	041-060				-
	061-080	10	813	31	844
	081-100	520	26,241	2,048	28,290
	101-120	312	16,700	1,194	17,895
	121-140	106	6,511	492	7,003
	141-160	49	1,233	35	1,267
	161+	2	20	-	20
	LC1 Subtotal	1,000	51,517	3,801	55,318
MW1	001-020				-
	021-040				-
	041-060	18	888	882	1,771
	061-080	65	3,088	3,504	6,592
	081-100	335	23,925	17,609	41,534
	101-120	57	4,015	2,783	6,798
	121-140				-
	141-160				-
	161+				-
	MW1 Subtotal	476	31,916	24,778	56,694

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: 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 (m^3)		
			Conifer	Hardwood	Total
MC2	001-020				-
	021-040				-
	041-060				-
	061-080	555	34,859	19,270	54,130
	081-100	219	13,078	8,713	21,791
	101-120	92	4,817	2,935	7,752
	121-140	25	460	370	831
	141-160				-
	161+				-
	MC2 Subtotal	890	53,215	31,289	84,504
MH2	001-020				-
	021-040				-
	041-060	29	1,530	1,556	3,085
	061-080	587	21,121	23,036	44,157
	081-100	848	41,995	71,418	113,414
	101-120	94	3,483	6,531	10,014
	121-140				-
	141-160				-
	161+				-
	MH2 Subtotal	1,557	68,129	102,541	170,670
PJ1	001-020				-
	021-040				-
	041-060	45	8,370	167	8,538
	061-080				-
	081-100	107	20,307	882	21,189
	101-120	112	23,393	740	24,133
	121-140				-
	141-160				-
	161+				-
	PJ1 Subtotal	265	52,070	1,789	53,860

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: 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 (m^3)		
			Conifer	Hardwood	Total
PJ2	001-020				-
	021-040				-
	041-060	9	1,054	42	1,096
	061-080	12	1,548	201	1,749
	081-100	121	21,305	2,738	24,043
	101-120	41	7,577	1,248	8,826
	121-140				-
	141-160				-
	161+				-
	PJ2 Subtotal	184	31,484	4,229	35,714
PO1	001-020				-
	021-040				-
	041-060	28	514	2,451	2,966
	061-080	212	3,014	21,868	24,882
	081-100	496	11,321	78,453	89,774
	101-120	116	2,356	21,746	24,102
	121-140	18	18	462	480
	141-160				-
	161+				-
	PO1 Subtotal	870	17,224	124,981	142,205
SB1	001-020				-
	021-040				-
	041-060				-
	061-080	37	1,415	139	1,554
	081-100	1,709	122,138	5,175	127,313
	101-120	278	24,977	1,308	26,285
	121-140	266	21,454	1,178	22,632
	141-160	112	11,327	-	11,327
	161+	51	4,329	-	4,329
	SB1 Subtotal	2,453	185,640	7,800	193,440

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: 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 (m^3)		
			Conifer	Hardwood	Total
SF1	001-020				-
	021-040				-
	041-060				-
	061-080	80	5,346	1,621	6,968
	081-100	259	14,977	4,566	19,543
	101-120	94	9,067	2,274	11,341
	121-140	109	10,087	2,345	12,432
	141-160				-
	161+	56	3,598	498	4,096
	SF1 Subtotal	598	43,075	11,305	54,380
SP1	001-020				-
	021-040				-
	041-060				-
	061-080	203	21,199	3,740	24,939
	081-100	1,639	149,833	25,104	174,937
	101-120	342	36,571	10,274	46,845
	121-140	157	14,097	1,298	15,395
	141-160	26	2,677	122	2,799
	161+	22	1,520	163	1,682
	SP1 Subtotal	2,389	225,897	40,700	266,597
	Total	10,941	764,825	369,360	1,134,185

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-17: Planned Renewal and Tending Operations

			Area (ha)	
			Planned (10-Year)	
Renewal			**Harvest**	**Natural Disturbance**
Regeneration				
Natural				
Clearcut Silvicultural System (even-aged)				
	Block Cut		21,951	
	Strip Cut			
	Seed Tree Cut			
	HARP/HARO/CLAAG		13,436	
Shelterwood Silvicultural System (even-aged)				
	Uniform Shelterwood - Seed Cut			
	Strip Shelterwood - Strip Cut			
Selection Silvicultural System - Selection Harvest (uneven-aged)				
		Subtotal Natural	35,387	0
Artificial				
Planting			13,285	
Seeding			327	
		Subtotal Artificial	13,612	0
		Total Regeneration	48,999	0
Artificial - Retreatment				
Planting				
Seeding				
		Total Retreatment	0	0
Artificial - Supplemental				
Planting				
Seeding				
		Total Supplemental	0	0
Site Preparation				
Mechanical			6,899	
Chemical	Aerial		4,379	
	Ground			
Prescribed Burn	High Complexity			
	Slash Pile Burn			
		Total Site Preparation	11,278	0
Tending				
Cleaning				
Manual				
Mechanical				
Chemical	Aerial		14,443	
	Ground			
Prescribed Burn	High Complexity			
Spacing, pre-commercial thinning, improvement cutting				
Clearcut and Shelterwood Silvicultural Systems (even-aged)				
Selection Silvicultural System (uneven-aged)				
Other				
Cultivation				
Pruning				
		Total Tending	14,443	0

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: 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					
				Maintenance	Monitoring	Access Control		Future Use Management	
						Type	Year	Transfer Year	Management Intent
A. Primary									
Aube Road	RYAM	11.4	15.5	1, 2, 3, 4, 6	7				10
Gouin Road	RYAM	9.4	11.1	1, 2, 3, 4, 6	7				10
Horwood Peninsular Road	RYAM	-	15.6	1, 2, 3, 4, 6	7				10
Jowsey Lake Road	MNRF**	17.9	8.9	1, 2, 3, 4, 6	7				na
Penhorwood Main Road	RYAM	41.5	0.6	1, 2, 3, 4, 6	7				10
	Subtotal	**80.2**	**51.7**						
B. Summer Branch									
Aube West Road	RYAM	8.6	16.3	1, 2, 3, 4	7				10
Blk - 260 Road	RYAM	5.3	7.8	1, 2, 3, 4	7				10
BR-232	RYAM	2.4	2.7	1, 2, 3, 4	7				10
BR-303*	RYAM	-	3.2	1, 2, 3, 4	7				10
BR-304*	RYAM	-	2.0	1, 2, 3, 4	7				10
BR-345*	RYAM	-	1.2	1, 2, 3, 4	7				10
BR-355*	RYAM	-	1.4	1, 2, 3, 4	7				10
BR-381	RYAM	3.2	5.6	1, 2, 3, 4	7				10
BR-416	RYAM	-	0.7	1, 2, 3, 4	7				10
BR-417	RYAM	-	1.3	1, 2, 3, 4	7				10
BR-421	RYAM	0.5	0.9	1, 2, 3, 4	7				10
BR-432	RYAM	-	0.9	1, 2, 3, 4	7				10
BR-433	RYAM	-	1.8	1, 2, 3, 4	7				10
BR-442	RYAM	-	9.5	1, 2, 3, 4	7				10
BR-445	RYAM	-	1.1	1, 2, 3, 4	7				10
BR-447	RYAM	0.3	0.6	1, 2, 3, 4	7				10
BR-450	RYAM	-	1.9	1, 2, 3, 4	7				10
BR-451	RYAM	-	3.4	1, 2, 3, 4	7				10
BR-454	RYAM	-	0.8	1, 2, 3, 4	7				10
BR-455A	RYAM	-	5.6	1, 2, 3, 4	7				10
BR-455B	RYAM	-	6.5	1, 2, 3, 4	7				10
BR-462	RYAM	-	2.2	1, 2, 3, 4	7	2 or 2,3	2029		12
BR-463	RYAM	-	1.0	1, 2, 3, 4	7				10
BR-466	RYAM	-	6.1	1, 2, 3, 4	7	2 or 2,3	2029		12
BR-468	RYAM	-	2.9	1, 2, 3, 4	7				10
BR-471	RYAM	-	0.8	1, 2, 3, 4	7	2 or 2,3	2029		12
BR-474	RYAM	0.7	4.7	1, 2, 3, 4	7	2 or 2,3	2029		12
BR-476A	RYAM	2.1	2.4	1, 2, 3, 4	7	2 or 2,3	2029		12
BR-476B	RYAM	1.1	1.2	1, 2, 3, 4	7	2 or 2,3	2029		12
BR-476C	RYAM	0.6	0.9	1, 2, 3, 4	7	2 or 2,3	2029		12
BR-480	RYAM	-	2.9	1, 2, 3, 4	7				10
BR-492	RYAM	3.9	6.2	1, 2, 3, 4	7				10
BR-493	RYAM	-	0.8	1, 2, 3, 4	7				10
BR-494	RYAM	1.6	3.4	1, 2, 3, 4	7				10
BR-495A	RYAM	-	1.5	1, 2, 3, 4	7				10
BR-495B	RYAM	0.9	1.2	1, 2, 3, 4	7				10
BR-497A	RYAM	0.4	0.7	1, 2, 3, 4	7				10
BR-497B	RYAM	0.8	1.5	1, 2, 3, 4	7				10
BR-498	RYAM	3.8	3.8	1, 2, 3, 4	7				10
BR-500	RYAM	0.9	0.9	1, 2, 3, 4	7				10
BR-503	RYAM	0.8	2.4	1, 2, 3, 4	7				10
BR-504	RYAM	-	2.6	1, 2, 3, 4	7				10
BR-506A	RYAM	-	1.6	1, 2, 3, 4	7				10
BR-506B	RYAM	0.6	0.7	1, 2, 3, 4	7				10
BR-508	RYAM	-	2.0	1, 2, 3, 4	7				10
BR-509	RYAM	-	3.3	1, 2, 3, 4	7				10
BR-514	RYAM	-	3.2	1, 2, 3, 4	7				10
BR-520	RYAM	-	3.0	1, 2, 3, 4	7	2 or 2,3	2029		12
BR-521	RYAM	-	1.7	1, 2, 3, 4	7				10
BR-522A	RYAM	-	5.7	1, 2, 3, 4	7				10
BR-522B	RYAM	5.4	6.2	1, 2, 3, 4	7				10
BR-525	RYAM	-	4.1	1, 2, 3, 4	7	2 or 2,3	2029		12
BR-526A	RYAM	0.3	1.1	1, 2, 3, 4	7				10
BR-526B	RYAM	3.0	3.0	1, 2, 3, 4	7				10
BR-527A	RYAM	2.0	2.2	1, 2, 3, 4	7				10
BR-527B	RYAM	1.0	1.9	1, 2, 3, 4	7				10
BR-530	RYAM	-	0.9	1, 2, 3, 4	7				10
BR-531A	RYAM	-	9.3	1, 2, 3, 4	7				10
BR-531B	RYAM	0.5	16.9	1, 2, 3, 4	7				10
BR-532	RYAM	-	0.7	1, 2, 3, 4	7				10
BR-536	RYAM	-	0.3	1, 2, 3, 4	7				10
Branch 149 Road	RYAM	6.1	6.0	1, 2, 3, 4	7				10
Branch 155 Road	RYAM	3.9	1.2	1, 2, 3, 4	7				10
Bristol Woodwaste Road	RYAM	3.1	6.7	1, 2, 3, 4	7				10
Childerhose Road	RYAM	12.1	5.9	1, 2, 3, 4	7				10
Denton Dump Road*	RYAM	8.4	8.4	1, 2, 3, 4	7				10
Gouin South Road	RYAM	4.2	9.8	1, 2, 3, 4	7				10
Gouin West Road	OTH**	2.9	4.3	1, 2, 3, 4	7				na
Hillary Road	RYAM	9.4	13.3	1, 2, 3, 4	7				10
McArthur SR1	RYAM	4.2	4.9	1, 2, 3, 4	7				10
Moher Lake Road	RYAM	7.5	8.0	1, 2, 3, 4	7				10
Regan SR7	RYAM	6.8	6.8	1, 2, 3, 4	7				10
Regan SR8	RYAM	11.3	11.8	1, 2, 3, 4	7				10
Regan SR10	RYAM	2.1	2.3	1, 2, 3, 4	7				10
Regan SR11	RYAM	6.1	7.3	1, 2, 3, 4	7				10
Tatachikapika Lake Road*	OTH**	7.2	4.7	1, 2, 3, 4	7				na

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: 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					
				Maintenance	Monitoring	Access Control		Future Use Management	
						Type	Year	Transfer Year	Management Intent
B. Winter Branch									
BR-321*	RYAM	-	4.6	5	8	1 or 1,3	2029		8
BR-406	RYAM	-	0.4	5	8	1 or 1,3	2029		8
BR-407	RYAM	-	6.3	5	8	1 or 1,3	2029		8
BR-408	RYAM	-	2.9	5	8	1 or 1,3	2029		8
BR-409	RYAM	-	1.8	5	8	1 or 1,3	2029		8
BR-410	RYAM	0.7	6.5	5	8	1 or 1,3	2029		8
BR-419A	RYAM	1.1	5.0	5	8				8
BR-419B	RYAM	-	2.0	5	8				8
BR-427	RYAM	-	3.5	5	8				8
BR-430	RYAM	-	7.7	5	8				8
BR-434	RYAM	-	5.6	5	8				8
BR-444	RYAM	0.7	0.9	5	8				8
BR-537	RYAM	-	0.7	5	8				8
BR-538	RYAM	-	1.7	5	8				8
BR-539	RYAM	-	0.8	5	8				8
Branch 104 Road	RYAM	6.0	4.2	5	8				8
Enid Creek Road	RYAM	14.1	14.9	5	8				8
Little Massey Road	RYAM	-	7.5	5	8				8
Loveland SR1	RYAM	3.9	15.8	5	8	1 or 1,3	2029		8
Moberly SR1	RYAM	5.7	3.8	5	8	1 or 1,3	2029		8
Thorburn Creek Road	RYAM	4.8	11.5	5	8	1 or 1,3	2029		8
Thorburn Road	RYAM	5.2	6.1	5	8	1 or 1,3	2029		8
B. Summer Branch Contingency									
Akweskwa West Road	OTH**	5.1	5.4	1, 2, 3, 4	7				na
BR-65	RYAM	-	0.4	1, 2, 3, 4	7				10
BR-68	RYAM	-	2.6	1, 2, 3, 4	7				10
BR-90	RYAM	-	2.7	1, 2, 3, 4	7				10
Turnbull Blk 14 Road	RYAM	5.2	6.1	1, 2, 3, 4	7				10
B. Winter Branch Contingency									
BR-71	RYAM	-	0.6	5	8				8
BR-72	RYAM	3.0	5.0	5	8				8
BR-75	RYAM	-	3.0	5	8				8
BR-206	RYAM	4.6	7.8	5	8				8
Turnbull Blk 72 Road	RYAM	2.0	2.4	5	8				8
	Subtotal	**207.6**	**444.7**						
	Total	**287.8**	**496.4**						
C. Operational Summer ORB IDs: 31, 34, 37, 44, 200, 398, 409, 410, 411, 417, 424, 427, 428, 429, 431, 432, 433, 434, 435, 437, 439, 440, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 473, 474, 475, 477, 478, 480, 481				1, 2, 3, 4	7				10
ORB IDs: 430, 436, 438, 441, 442, 443, 444, 471, 472, 476				1, 2, 3, 4	7	2 or 2,3	2029		12
C. Operational Winter ORB IDs: 412, 413, 414, 415, 416, 418, 419, 420, 421, 422, 423, 482, 483, 484				5	8				8
ORB IDs: 425, 426, 479				5	8	1 or 1,3	2029		8
ORB IDs: 406, 407, 408				5	8	1 or 1,3	2029		8
C. Operational Summer Contingency ORB IDs: 65, 66, 68, 72, 73, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93				1, 2, 3, 4	7				10
C. Operational Winter Contingency ORB IDs: 69, 70, 71, 74				5	8				8

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: 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					
				Maintenance	Monitoring	Access Control		Future Use Management	
						Type	Year	Transfer Year	Management Intent
Existing Roads									
A. Primary - Exisiting									
Abitibi Main Road	RYAM	24.7		1, 2, 3, 4, 6	7				10
Akweskwa Lake Road	OTH**	7.5		1, 2, 3, 4, 6	7				na
Camp Main Road	RYAM	53.3		1, 2, 3, 4, 6	7				10
Crothers Main Road	RYAM	23.7		1, 2, 3, 4, 6	7				10
Dalton Road	OTH**	12.7		1, 2, 3, 4, 6	7				na
Fork's River Road	RYAM/OTH**	26.8		1, 2, 3, 4, 6	7				10
Gogama Unit Road	RYAM	49.8		1, 2, 3, 4, 6	7				10
Grassy River Road	RYAM	13.4		3, 4, 6	7				10
Horwood Lake Road	OTH**	15.3		2, 3, 4, 6	7				na
Hydroline Road	OTH**	27.6		2, 3, 4, 6	7				na
Kenogaming Main Road	RYAM	50.7		1, 2, 3, 4, 4	7				10
Kenogamissi Main Road	RYAM	20.2		1, 2, 3, 4, 5	7				10
Langmuir Road	RYAM	8.3		1, 2, 3, 4, 6	7				10
Marcy Lake Road	RYAM	3.7		1, 2, 3, 4, 6	7				10
Mattagami River Road	OTH**	3.1		1, 2, 3, 4, 6	7				10
McWatters Access Road	OTH**	6.7		1, 2, 3, 4, 6	7				na
Mountjoy River Road	RYAM	24.6		1, 2, 3, 4, 6	7				10
Musgrove Main Road	RYAM	43.6		1, 2, 3, 4, 6	7				10
Nova Road	RYAM	0.5		1, 2, 3, 4, 6	7				10
Papakomeka Road	MNRF**	25.9		1, 2, 3, 4, 6	7				na
Peterlong Main Road	RYAM	13.5		1, 2, 3, 4, 6	7				10
Pharand Road	RYAM	26.2		1, 2, 3, 4, 6	7				10
Pineland Road	OTH**	7.5		2, 3, 4, 6	7				na
Price Main Road	RYAM	11.5		2, 3, 4, 6	7				10
Winter Lake Road	RYAM	30.2		1, 2, 3, 4, 6	7				10
	Subtotal	**531.0**							
B. Branch - Exisiting									
Akweskwa West Road	OTH**	5.2		1, 2, 3, 4, 6	7				na
Aube Road	RYAM	11.4		1, 2, 3, 4, 6	7				10
BR - 203	RYAM	1.2		2, 3, 4, 6	7				10
BR - 206	RYAM	1.8		1, 2, 3, 4, 6	7				10
BR - 207	RYAM	2.8		1, 2, 3, 4, 6	7				10
BR - 208	RYAM	4.5		2, 3, 4, 6	7				10
BR - 215	RYAM	0.6		2, 3, 4, 6	7				10
BR - 222	RYAM	3.2		1, 2, 3, 4, 6	7				10
BR - 223	RYAM	3.1		2, 3, 4, 6	7				10
BR - 227	RYAM	0.8		2, 3, 4, 6	7				10
BR - 229	RYAM	1.5		2, 3, 4, 6	7				10
BR - 231	RYAM	5.3		2, 3, 4, 6	7				10
BR - 233	RYAM	3.0		2, 3, 4, 6	7				10
BR - 234	RYAM	0.6		2, 3, 4, 6	7				10
BR - 248	RYAM	9.3		1, 2, 3, 4, 6	7				10
BR - 249	RYAM	1.7		1, 2, 3, 4, 6	7				10
BR - 255	RYAM	1.3		2, 3, 4, 6	7				10
BR - 261	RYAM	5.0		2, 3, 4, 6	7				10
BR - 262	RYAM	9.9		2, 3, 4, 6	7				10
BR - 268	RYAM	4.0		2, 3, 4, 6	7				10
BR - 275	RYAM	3.0		2, 3, 4, 6	7				10
BR - 277	RYAM	0.4		2, 3, 4, 6	7				10
BR - 278	RYAM	1.4		1, 2, 3, 4, 6	7				10
BR - 281	RYAM	1.1		1, 2, 3, 4, 6	7				10
BR - 285	RYAM	1.3		2, 3, 4, 6	7				10
BR - 286	RYAM	0.2		2, 3, 4, 6	7				10
BR - 327	RYAM	3.2		2, 3, 4, 6	7				10
BR - 333	RYAM	1.1		2, 3, 4, 6	7				10
BR - 334	RYAM	1.6		2, 3, 4, 6	7				10
BR - 337	RYAM	3.9		1, 2, 3, 4, 6	7				10
BR - 338	RYAM	4.5		2, 3, 4, 6	7				10
BR - 345	RYAM	2.2		2, 3, 4, 6	7				10
BR - 352	RYAM	1.5		2, 3, 4, 6	7				10
BR - 377	RYAM	1.6		1, 2, 3, 4, 6	7				10
BR - 384	RYAM	3.1		1, 2, 3, 4, 6	7				10
BR - 386	RYAM	3.4		2, 3, 4, 6	7				10
BR - 387	RYAM	0.4		2, 3, 4, 6	7				10
Branch 103 Road	RYAM	5.9		1, 2, 3, 4, 6	7				10
Branch 122 Road	RYAM	7.4		1, 2, 3, 4, 6	7				10
Branch 147 Road	RYAM	4.5		2, 3, 4, 6	7				10
Branch 160 Road	RYAM	1.9		1, 2, 3, 4, 6	7				10
Branch 161 Road	RYAM	4.8		1, 2, 3, 4, 6	7				10
Byers Lake Road	RYAM	8.0		1, 2, 3, 4, 6	7				10
Crothers SR1	RYAM/MNRF**	7.5		1, 2, 3, 4, 6	7				10
Crothers SR2	RYAM	0.9		1, 2, 3, 4, 6	7				10
Crothers SR3	RYAM	3.2		3, 4, 6	9				11
Douglas Main Road	RYAM	10.0		1, 2, 3, 4, 6	7				10
Douglas SR1***	RYAM	5.3		1, 2, 3, 4, 6	7, 9			2029	10, 11, 12
Doyle East Cottage Road	OTH**	7.0		2, 3, 4, 6	7				na
Flag Lake Road	RYAM	15.7		1, 2, 3, 4, 6	7				10
Fortune Road	RYAM	5.2		3, 4, 6	9				11
Fripp SR-2	RYAM	11.8		2, 3, 4, 6	7				10
Hassard SR2	RYAM	1.5		1, 2, 3, 4, 6	7				10
Horwood Peninsula Road	RYAM	22.9		1, 2, 3, 4, 6	7				10
Kaneki East Road	RYAM	2.3		3, 4, 6	9			2029	11, 12
Kaneki Road	RYAM	11.0		3, 4, 6	9			2029	11, 12
Kukatush Road	MNRF**	11.7		1, 2, 3, 4, 6	7				na

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: 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					
				Maintenance	Monitoring	Access Control		Future Use Management	
						Type	Year	Transfer Year	Management Intent
MacKeith Lake Road	OTH**	1.2		2, 3, 4, 6	7				na
McBride Road	RYAM	11.0		1, 2, 3, 4, 6	7				10
McOwen Road	RYAM	14.8		3, 4, 6	9			2029	11, 12
Mindedo Road	MNRF**	4.0		1, 2, 3, 4, 6	7				na
Northrup SR5	RYAM	20.3		2, 3, 4, 6	7				10
Regan SR5	RYAM	7.8		1, 2, 3, 4, 6	7				10
Regan SR6	RYAM	7.9		1, 2, 3, 4, 6	7				10
Roblin Road	RYAM	5.6		1, 2, 3, 4, 6	7				10
Slim Lake Road	RYAM	6.5		1, 2, 3, 4, 6	7				10
Southeast Musgrove Road	RYAM	4.0		1, 2, 3, 4, 6	7				10
Split Rock Road	RYAM	8.4		3, 4, 6	9				11
Telluride Road	RYAM	1.6		2, 3, 4, 6	7				10
Turnbull Road	RYAM	4.8		1, 2, 3, 4, 6	7, 9				10, 11
Upper Michegama Road	RYAM	4.3		1, 2, 3, 4, 6	7				10
Woman River Road	RYAM	4.7		3, 4, 6	9			2029	11, 12
	Subtotal	**1,402.8**							
C. Operational Roads *(Note: Existing operational roads and networks are proposed for continued use, limited use or no planned use - see Supp Doc Maps for classification)*									
Abitibi Main Road Network***	RYAM			2, 3, 4, 6	7, 9			2029	10, 11, 12
Akweskwa Road Network	RYAM			2, 3, 4, 6	7				10
Aube Road Network	RYAM			2, 3, 4, 6	7				10
Beaucage Lake Road Network	RYAM			3, 4, 6	9				11
Blk - 228 Road Network	RYAM			2, 3, 4, 6	7				10
Blk - 262 Road Network	RYAM			2, 3, 4, 6	7				10
Blk - 374 Road Network	RYAM			2, 3, 4, 6	7				10
Blk - 382 Road Network	RYAM			1, 2, 3, 4, 6	7				10
Block 18 Road Network	RYAM			1, 2, 3, 4, 6	7				10
Block 28 Road Network	RYAM			1, 2, 3, 4, 6	7				10
Block 60&61 Road Network	RYAM			1, 2, 3, 4, 6	7, 9				10, 11
BR - 231 Road Network	RYAM			2, 3, 4, 6	7, 9				10, 11
BR - 233 Road Network	RYAM			2, 3, 4, 6	7				10
BR - 248 Road Network	RYAM			1, 2, 3, 4, 6	7				10
BR - 262 Road Network	RYAM			2, 3, 4, 6	7				10
BR - 268 Road Network	RYAM			2, 3, 4, 6	7				10
BR - 337 Road Network	RYAM			1, 2, 3, 4, 6	7				10
Branch 122 Road Network	RYAM			1, 2, 3, 4, 6	7				10
Bristol Woodwaste Road Network	RYAM			1, 2, 3, 4, 6	7				10
Byers Lake Road Network	RYAM			1, 2, 3, 4, 6	7, 9				10, 11
Camp Main Road Network	RYAM			2, 3, 4, 6	7, 9				10
Childerhose Road Network	RYAM			2, 3, 4, 6	7				10
Crothers Main Road Network	RYAM			1, 2, 3, 4, 6	7, 9				10, 11
Dalton Road Network	RYAM			2, 3, 4, 6	7				10
Denton Dump Road Network	RYAM			1, 2, 3, 4, 6	7				10
Douglas Main Road Network***	RYAM			2, 3, 4, 6	7, 9			2029	10, 11, 12
Enid Creek Road Network	RYAM			3, 4, 6	9				11
Flag Lake Road Network	RYAM			2, 3, 4, 6	7				10
Fork's River Road Network	RYAM			2, 3, 4, 6	7, 9				10, 11
Fripp Road Network	RYAM			3, 4, 6	9				11
Fripp SR-2 Road Network	RYAM			2, 3, 4, 6	7				10
Gogama Unit Road Network	RYAM			1, 2, 3, 4, 6	7, 9				10, 11
Goose Lake Road Network	RYAM			2, 3, 4, 6	7, 9				10, 11
Gouin Road Network	RYAM			1, 2, 3, 4, 6	7				10
Halliday Road Network	RYAM			3, 4, 6	9				11
Hillary Road Network	RYAM			1, 2, 3, 4, 6	7, 9				10, 11
Hopkins Lake Road Network	RYAM			1, 2, 3, 4, 6	7				10
Horwood Lake Road Network	RYAM			2, 3, 4, 6	7				10
Horwood Peninsula Road Network	RYAM			2, 3, 4, 6	7, 9				10, 11
HWY 101 W Network	RYAM			1, 2, 3, 4, 6	7, 9				10, 11
HWY 144 Network	RYAM			1, 2, 3, 4, 6	7, 9				10, 11
HWY 576 Network	RYAM			2, 3, 4, 6	7				10
Kaneki Road Network	RYAM			3, 4, 6	9			2029	11, 12
Katodawa Lake Road	RYAM			2, 3, 4, 6	7				10
Kenogaming Main Road Network	RYAM			1, 2, 3, 4, 6	7, 9				10, 11
Kenogamissi Dam Road Network	RYAM			2, 3, 4, 6	7				10
Langmuir Road Network	RYAM			2, 3, 4, 6	7				10
Marcy Lake Road Network	RYAM			3, 4, 6	9				11
McArthur SR1 Network	RYAM			1, 2, 3, 4, 6	7, 9				10, 11
McBride Road Network	RYAM			2, 3, 4, 6	7				10
McOwen Road Network	RYAM			3, 4, 6	9			2029	11, 12
Mindedo Lake Road Network	RYAM			3, 4, 6	9				11
Moher Lake Road Network	RYAM			1, 2, 3, 4, 6	7				10
Mountjoy River Road Network	RYAM			2, 3, 4, 6	7				10
Musgrove Main Road Network	RYAM			2, 3, 4, 6	7				10
Northrup SR5 Road Network	RYAM			2, 3, 4, 6	7				10
Papakomeka Road Network	RYAM			2, 3, 4, 6	7				10
Peterlong Main Road Network	RYAM			1, 2, 3, 4, 6	7				10
Pharand Road Network	RYAM			1, 2, 3, 4, 6	7				10
Price Main Road Network	RYAM			1, 2, 3, 4, 6	7, 9				10, 11
Regan SR5 Road Network	RYAM			2, 3, 4, 6	7				10
Regan SR7 Road Network	RYAM			3, 4, 6	9				11
Regan SR11 Road Network	RYAM			1, 2, 3, 4, 6	7, 9				10, 11
Roblin Road Network	RYAM			1, 2, 3, 4, 6	7				10
Tatachikapika Lake Road Network	RYAM			2, 3, 4, 6	7				10
Thorburn Road Network	RYAM			3, 4, 6	9				11
Timmins Nickel Road Network	RYAM			2, 3, 4, 6	7				10
Turnbull Road Network	RYAM			2, 3, 4, 6	7				10
Upper Michegama Road Network	RYAM			3, 4, 6	9				11
Warren Lake Road Network	RYAM			1, 2, 3, 4, 6	7				10
Winter Lake Road Network***	RYAM			1, 2, 3, 4, 6	7, 9			2029	10, 11, 12
Woman River Road Network	RYAM			3, 4, 6	9			2029	11, 12

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: 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					
				Maintenance	Monitoring	Access Control		Future Use Management	
						Type	Year	Transfer Year	Management Intent

* Access into blocks bridged from the 2009 FMP.
** For roads, or portions of roads, that are not the responsibility of RYAM, use management strategies, as stated, may not apply (i.e., if road is not being used for forest management purposes).
*** Only portions of the road or road network are scheduled for transfer. See Supplementary Documentation maps for details.

Maintenance Provisions

1 - While forest management activities (harvest, renewal and maintenance) and hauling are ongoing the road will be maintained at a high level on an ongoing basis. This may include grading, gravelling, dust control, snowploughing/sanding, water crossing repairs and cleaning, water crossing replacement, cross drainage repair/replacement, roadside brush control, ditching including ditch line cleaning signage and safety structure repair and repair of minor washouts.

2 - When forest management activities (harvest, renewal and maintenance) and hauling are occurring on an infrequent basis the road will be maintained at a moderate level. This may include grading, spot gravelling, water crossing replacement/repair or cleaning and repair of minor washouts and snowploughing/sanding.

3 - When no forest management activities (harvest, renewal and maintenance) are occurring the road will be maintained only at locations where a risk to the environment or to the safety of road users is identified.

4 - Roads/water crossings may not be restored in a timely manner if damaged or destroyed by unplanned events. However, when unplanned events occur and public safety is a risk and/or environmental damage is imminent the licensee and MNRF will jointly develop a mitigation plan.

5 - Regular maintenance such as snow removal and sanding would be carried out during active operations only. When operations are completed there would be no maintenance on this road. Any road built to a summer standard would follow the maintenance regime identified in the Supplementary Documentation for summer roads.

6 - There is no obligation by the licensee or the MNRF to undertake repair work on behalf of other users who may not have the resources to replace failed infrastructure. Other users should be aware that access to their business or property could be disrupted at any time.

Monitoring Provisions

7 - A minimum of one inspection every year will be made while the road is being actively maintained and once every three years when the road is not in active use so long as crossings are in place.

8 - Not applicable for winter grade roads as there will likely be no infrasctructure left behind and they will likely not be passable by 4x4 truck traffic.

9 - A minimum of one inspection every three years will be made while the road is not in active use so long as crossings are in place. Due to the deterioration of road conditions with time, sections of the road may eventually become impassable to most vehicles. It is expected that some public use will occur and monitoring take place to identify any public safety issues or to maintain environmental integrity. Upon the successful transfer of the road to the Crown, the Crown will be responsible for monitoring and the condition of the road network.

Future Use Management

10 - RYAM does not plan to transfer responsibility of the road(s) for the duration of the 2019-2029 FMP. However, roads that may be transferred during the 2029-2039 FMP period will be reviewed in preparation the 2029 FMP.

11 - Prior to completing decommissioning activities, any water crossings beyond the point of decommissioning will need to be removed. When RYAM decides to transfer any road(s) they will indicate to the MNRF that they no longer require the use of the road and request that it be transferred to the MNRF. Responsibility transfer will normally take effect when RYAM has completed the decommissioning activity and the work has been verified by a joint field inspection by MNRF and RYAM. Upon the successful completion of the transfer to the Crown, the Crown will be responsible for monitoring the condition of the road network.

12 - Transfer of roads to the MNRF will be considered during the 2019-2029 operating period. RYAM and the MNRF will jointly develop a prescription for decommissioning the road using qualified personnel after having conducted an on-site inspection of the road. Responsibility transfer will normally take effect when RYAM has completed the decommissioning activity and the work has been verified by a joint field inspection by MNRF and RYAM. Upon the successful completion of the transfer to the Crown, the Crown will be responsible for monitoring the condition of the road network.

Access Control Provisions
1 - Winter Road
2 - Ditch/Berm
3 - Crossing Removal

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-19: Planned Expenditures

Expenditures ($)		
Activity	**Forest Renewal Trust or Special Purpose Account (000s $)**	**Forestry Futures Trust (000s $)**
Natural Regeneration	$1,168	
Artificial Regeneration	$7,750	
Site Preparation	$2,281	
Tending	$1,733	
Renewal Support	$712	
Silvicultural Surveys	$1,000	
Other Eligible Silviculture Work	$500	
Protection		
Total	$15,144	$0

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-20: Planned Assessment of Establishment (Regeneration Success)

Current plan period: 2009-2019

Confirmed Depleted Forest Unit	Silvicultural Ground Rule (by Plan Period)	Assigned to SGR (ha) (all years)	Planned Assessment of Regeneration Success (ha)
Harvest			
BW1	BW1 BASC2 PJ2	115	115
	BW1 BASC2 SP1	572	572
	BW1 EXTN1 BW1	809	809
	BW1 EXTN1 PO1	615	596
Forest Unit Subtotal		**2,111**	**2,092**
LC1	LC1 BASC2 LC1	2	2
	LC1 BASC2 SB1	2	2
	LC1 EXTN1 LC1	1,805	1,805
	LC1 EXTN1 SB1	13	13
Forest Unit Subtotal		**1,822**	**1,822**
MW1	MW1 BASC2 PJ1	110	109
	MW1 BASC2 PJ2	376	376
	MW1 BASC2 SP1	114	114
	MW1 EXTN1 PO1	313	313
Forest Unit Subtotal		**912**	**910**
MW2	MW2 BASC2 PJ2	77	77
	MW2 BASC2 SP1	430	430
	MW2 BASC2 PRW	4	4
	MW2 EXTN1 MW2	353	353
	MW2 EXTN1 PO1	1,553	1,553
Forest Unit Subtotal		**2,417**	**2,417**
MW3	MW3 BASC2 SP1	340	340
	MW3 BASC3 SP1	20	20
	MW3 EXTN1 BW1	337	337
	MW3 EXTN1 MW3	235	235
Forest Unit Subtotal		**931**	**931**
PJ1	PJ1 BASC1 PJ1	168	153
	PJ1 BASC2 PJ1	756	493
	PJ1 BASC2 PJ2	276	276
	PJ1 BASC2 SP1	39	39
	PJ1 EXTN1 MW1	9	8
	PJ1 EXTN1 PJ1	8	4
Forest Unit Subtotal		**1,256**	**973**
PJ2	PJ2 BASC1 PJ1	50	38
	PJ2 BASC2 PJ1	338	337
	PJ2 BASC2 PJ2	227	227
	PJ2 BASC2 SP1	125	125
	PJ2 EXTN1 PJ2	46	46
Forest Unit Subtotal		**786**	**773**
PO1	PO1 BASC2 PJ2	55	55
	PO1 BASC2 SP1	139	139
	PO1 EXTN1 PO1	1,633	1,590
Forest Unit Subtotal		**1,826**	**1,784**
SB1	SB1 BASC2 SB1	44	44
	SB1 EXTN1 LC1	563	563
	SB1 EXTN1 SB1	1,062	1,062
Forest Unit Subtotal		**1,669**	**1,669**

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-20: Planned Assessment of Establishment (Regeneration Success)

Current plan period: 2009-2019 (cont.)

Confirmed Depleted Forest Unit	Silvicultural Ground Rule (by Plan Period)	Assigned to SGR (ha) (all years)	Planned Assessment of Establishment (ha)
SF1	SF1 BASC2 PJ2	74	74
	SF1 BASC2 SP1	565	565
	SF1 EXTN1 SF1	1,092	1,092
Forest Unit Subtotal		**1,732**	**1,732**
SP1	SP1 BASC1 PJ2	21	21
	SP1 BASC1 SP1	12	12
	SP1 BASC2 PJ2	787	779
	SP1 BASC2 SP1	693	626
	SP1 EXTN1 MW2	614	614
	SP1 EXTN1 SP1	1,003	1,003
Forest Unit Subtotal		**3,130**	**3,055**
Harvest Subtotal		**18,591**	**18,158**
Salvage Harvest			
BW1	BW1 EXTN1 PO1	16	16
Forest Unit Subtotal		**16**	**16**
LC1	LC1 EXTN1 LC1	14	14
Forest Unit Subtotal		**14**	**14**
MW1	MW2 BASC2 PJ2	39	39
	MW2 BASC2 SP1	98	98
Forest Unit Subtotal		**136**	**136**
PJ1	PJ1 BASC2 PJ1	101	101
	PJ1 BASC2 PJ2	30	30
	PJ1 EXTN1 MW1	6	6
Forest Unit Subtotal		**136**	**136**
PJ2	PJ2 BASC2 PJ1	53	53
	PJ2 BASC2 PJ2	26	26
	PJ2 BASC2 SP1	39	39
Forest Unit Subtotal		**118**	**118**
SP1	SP1 BASC2 PJ2	15	15
	SP1 BASC2 SP1	6	6
Forest Unit Subtotal		**21**	**21**
Salvage Harvest Subtotal		**442**	**442**
Total		**19,033**	**18,600**

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-20: Planned Assessment of Establishment (Regeneration Success)

Past Plan Period: 2007-2009

Confirmed Depleted Forest Unit	Silvicultural Ground Rule (by Plan Period)	Assigned to SGR (ha) (all years)	Planned Assessment of Establishment (ha)
Harvest			
BW1	BW1 BASC2 PJ2	2	2
	BW1 BASC2 SP1	25	25
	BW1 EXTN1 BW1	88	88
	BW1 EXTN1 PO1	106	
Forest Unit Subtotal		**221**	**115**
LC1	LC1 BASC2 LC1	20	20
	LC1 BASC2 SB1	10	10
	LC1 EXTN1 LC1	233	206
	LC1 EXTN1 SB1	8	
Forest Unit Subtotal		**271**	**236**
MW1	MW1 BASC2 PJ1	31	3
	MW1 BASC2 SP1	25	
	MW1 BASC3 PJ2	14	
	MW1 EXTN1 MW1	61	
	MW1 EXTN1 PO1	116	13
Forest Unit Subtotal		**247**	**15**
MW2	MW2 BASC2 SP1	148	96
	MW2 EXTN1 MW2	152	58
	MW2 EXTN1 PO1	279	173
Forest Unit Subtotal		**579**	**327**
MW3	MW3 BASC2 SP1	4	4
	MW3 EXTN1 BW1	33	33
Forest Unit Subtotal		**37**	**37**
PJ1	PJ1 BASC1 PJ1	8	8
	PJ1 BASC2 PJ1	182	39
	PJ1 EXTN1 MW1	1	
	PJ1 EXTN1 PJ1	22	11
Forest Unit Subtotal		**214**	**58**
PJ2	PJ2 BASC1 PJ1	97	47
	PJ2 BASC2 PJ1	38	38
	PJ2 EXTN1 PJ2	81	48
Forest Unit Subtotal		**216**	**133**
PO1	PO1 BASC2 PJ2	33	11
	PO1 BASC2 SP1	2	
	PO1 EXTN1 PO1	274	73
Forest Unit Subtotal		**309**	**84**
SB1	SB1 EXTN1 LC1	346	340
	SB1 EXTN1 SB1	249	
Forest Unit Subtotal		**595**	**340**
SF1	SF1 EXTN1 SF1	144	116
Forest Unit Subtotal		**144**	**116**
SP1	SP1 BASC1 PJ2	6	6
	SP1 BASC2 PJ2	74	15
	SP1 BASC2 SP1	62	19
	SP1 EXTN1 MW2	259	166
	SP1 EXTN1 SP1	106	10
Forest Unit Subtotal		**507**	**217**
Harvest Subtotal		**3,340**	**1,677**

MANAGEMENT UNIT NAME: Romeo Malette Forest
PLAN TERM: April 1, 2019 TO March 31, 2029

FMP-20: Planned Assessment of Establishment (Regeneration Success)

Past Plan Period: 2007-2009 (cont.)

Confirmed Depleted Forest Unit	Silvicultural Ground Rule (by Plan Period)	Assigned to SGR (ha) (all years)	Planned Assessment of Establishment (ha)
Salvage Harvest			
NA	NA	-	-
Salvage Harvest Subtotal		**-**	**-**
Total		**3,340**	**1,677**