

## FOREST MANAGEMENT PLAN TABLES

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MANAGEMENT UNIT NAME: Dryden Forest (MU 535)

PLAN PERIOD: April 1, 2021 to March 31, 2031

# FMP-1 MANAGEMENT UNIT CROWN LAND SUMMARY

Land Ownership and Type	Land Ownership (Hectares)				FRI Fields Used for Classification	
	Crown		Patented	Total	POLY_TYPE	DEVSTAGE
	Managed (Owner = 1)	Other (Owner = 5,7)	Crown Timber (Owner = 2)			
Unsurveyed	0.0	0.0	0.0	0.0	UNS	
Non-forested	0.0	0.0	0.0			
Water	64,686.4	302.8	0.0	64,989.2	WAT	
Other Land	0.0	0.0	0.0			
Agricultural Land	53.0	0.0	0.0	53.0	DAL	
Grass & Meadow	227.5	8.6	0.0	236.1	GRS	
Unclassified	2,434.9	82.3	0.0	2,517.1	UCL, RRW, BFL, PIT	
Other (Non-forested islands)	293.9	461.5	0.0	755.3	ISL	
<b>Subtotal Non-Forested</b>	67,695.7	855.1	0.0	68,550.8		
Forested						
Non-Productive Forest						
Treed Muskeg	915.2	483.1	0.0	1,398.3	TMS	
Open Muskeg	7,149.2	1,101.8	0.0	8,251.0	OMS	
Brush & Alder	2,038.0	9.5	0.0	2,047.5	BSH	
Rock	17.6	0.0	0.0	17.6	RCK	
<b>Subtotal Non-Productive</b>	10,120.1	1,594.4	0.0	11,714.4		
Productive Forest						
Protection Forest						
Site	672.6	540.7	0.0	1,213.3	FOR	PF, <> ISL
Islands	0.0	0.0	0.0	0.0	FOR	PF, ISL
<b>Subtotal Protection</b>	672.6	540.7	0.0	1,213.3		
Production Forest						
Recent Disturbance	79,251.0	5,992.5	0.0	85,243.5	FOR, FORMOD=RP	DEPHARV, DEPNAT, NAT
(1) Below Regeneration Standards	81.2	0.0	0.0	81.2	FOR, FORMOD=RP	LOWMGMT, LOWSEED, LOWPLANT, LOWNAT
- Older low stocked stands						
(2) Below Regeneration Standards	13,050.6	106.9	0.0	13,157.4	FOR, FORMOD=RP	NEWMGMT, NEWSEED, NEWPLANT, NEWNAT
- Recent not yet FTG						
Forest Stands	31,902.2	225.5	0.0	32,127.7	FOR, FORMOD=RP	All except 3 lines above.
<b>Subtotal Production</b>	124,285.0	6,324.9	0.0	130,609.9		
<b>Subtotal Productive</b>	124,957.6	6,865.7	0.0	131,823.2		
<b>Subtotal Forested</b>	135,077.6	8,460.0	0.0	143,537.7		
<b>Total</b>	202,773.3	9,315.1	0.0	212,088.4		
<b>Total Crown:</b>		212,088.4				

**FMP-1a MANAGEMENT UNIT LAND SUMMARY COMPARISON 2021 TO PREVIOUS 2011 FMP**

Land Type	Crown				Patent		Total 2011	Total 2021	FRI Fields Used for Classification	
	Managed 2011	Managed 2021	Other - Parks 2011	Other - Parks 2021	Crown Timber 2011	Crown Timber 2021			POLY_TYPE	DEVSTAGE
Unsurveyed	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	UNS	
Non-forested										
Water	64,672.1	64,686.4	295.3	302.8	0.0	0.0	64,967.4	64,989.2	WAT	
Other Land										
Agricultural Land	104.5	53.0		0.0	0.0	0.0	104.5	53.0	DAL	
Grass & Meadow	119.0	227.5	6.0	8.6	0.0	0.0	125.0	236.1	GRS	
Unclassified	2,875.1	2,434.9	93.1	82.3	0.0	0.0	2,968.2	2,517.1	UCL, RRW, BFL, PIT	
Other (Protection For. Islands)		293.9		461.5	0.0	0.0	0.0	755.3	ISL	
Subtotal Non-Forested	67,770.7	67,695.7	394.4	855.1	0.0	0.0	68,165.1	68,550.8		
Forested										
Non-Productive Forest										
Treed Muskeg	3,623.8	915.2	1,125.7	483.1	0.0	0.0	4,749.5	1,398.3	TMS	
Open Muskeg	6,561.2	7,149.2	1,100.5	1,101.8	0.0	0.0	7,661.7	8,251.0	OMS	
Brush & Alder	3,166.8	2,038.0	42.7	9.5	0.0	0.0	3,209.5	2,047.5	BSH	
Rock	4,501.4	17.6	444.7	0.0	0.0	0.0	4,946.1	17.6	RCK	
Subtotal Non-Productive	17,853.2	10,120.1	2,713.6	1,594.4	0.0	0.0	20,566.8	11,714.4		
Productive Forest										
Protection Forest										
Site	1,233.4	672.6	207.3	540.7	0.0	0.0	1,440.7	1,213.3	FOR	PF, <= ISL
Islands	0.0	0.0		0.0	0.0	0.0	0.0	0.0	FOR	PF, ISL
Subtotal Protection	1,233.4	672.6	207.3	540.7	0.0	0.0	1,440.7	1,213.3		
Production Forest										
Recent Disturbance	1,005.0	79,251.0	0.0	5,992.5	0.0	0.0	1,005.0	85,243.5	FOR, FORMOD=RP	DEPHARV, DEPNAT, NAT
(1) Below Regeneration Standards (older low stocked stands)	243.2	81.2	328.4	0.0	0.0	0.0	571.6	81.2	FOR, FORMOD=RP	LOWMGMT, LOWSEED, LOWPLANT, LOWNAT
(2) Below Regeneration Standards (recent not yet established)	15,492.7	13,050.6	8.2	106.9	0.0	0.0	15,500.9	13,157.4	FOR, FORMOD=RP	NEWMGMT, NEWSEED, NEWPLANT, NEWNAT
Forest Stands	100,185.6	31,902.2	5,777.9	225.5	0.0	0.0	105,963.5	32,127.7	FOR, FORMOD=RP	All except 3 lines above.
Subtotal Production	116,926.5	124,285.0	6,114.5	6,324.9	0.0	0.0	123,041.0	130,609.9		
Subtotal Productive	118,159.9	124,957.6	6,321.8	6,865.7	0.0	0.0	124,481.7	131,823.2		
Subtotal Forested	136,013.1	135,077.6	9,035.4	8,460.0	0.0	0.0	145,048.5	143,537.7		
<b>Total</b>	<b>203,783.8</b>	<b>202,773.3</b>	<b>9,429.8</b>	<b>9,315.1</b>	<b>0.0</b>	<b>0.0</b>	<b>213,213.6</b>	<b>212,088.4</b>		

**DATA SOURCES:** Forest Management Plan Table FMP-1 for the approved 2011-2021 FMP and FMP-1 (2021) based on the base model inventory (BMI) for the 2021 FMP.

**DATA RECONCILIATION:**

- 1** Crown, Managed land appeared to decrease 1,011 hectares from 2011 to 2021. The majority of this difference is attributed to a revision in the forest inventory and an increase in Patented Land Ownership 3 (increased 1,130 ha from 2011 to 2021).
- 2** Crown Other (Parks) land base decreased by 115 ha. from 2011 to 2021 primarily a result of revised forest inventory.
- 3** Patent land (with some or all timber reserved to the Crown) remained at zero (0) hectares from 2011 to 2021. Patent land on the Dryden Forest does not have rights to the timber reserved to the Crown (all patent land is Ownership 3).
- 4** The total Crown land base has decreased by 1,125 ha from 2011 to 2021. This is attributed primarily to an increase in the Patent land on the Dryden Forest (Ownership 3, that increased 1,130 ha).
- 5** The legal boundary of the Dryden Forest did not change from 2011 to 2021, however with the reinventory of the forest for this FMP, the total Dryden Forest area has decreased 5 hectares, from 307,118 ha in 2011 to 307,113 ha in 2021 (attributed to inventory mapping standards).

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)

PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-2 DESCRIPTION OF FOREST UNITS

Forest Unit		Ecosite(s)	Regional Standard Forest Unit (descending order of occurrence)	Silvicultural System	FRI Parameters & Criteria (sort based on Regional Forest Unit classification)	Additional Information (Productive Forest, Ownership 1 only)	
Code	Name						
<b>BFDOM</b>	Balsam Fir Dominant	B011, B012, B014, B033, B035, B037, B048, B050, B052, B055, B065, B067, B068, B083, B085, B097, B099, B101, B102, B114, B116.	BfMx1, BfPur	Clearcut	NWSFU cn 'bfpur' or NWSFU cn 'bfmx1'	3,404 ha	3%
<b>BWDOM</b>	White Birch Dominant	B016, B040, B054, B055, B070, B088, B104, B119, B133.	BwDee, BwSha	Clearcut	NWSFU cn 'bwdee' or NWSFU cn 'bwsha'	2,101 ha	2%
<b>CONMX</b>	Conifer Mixedwood	B012, B034, B035, B037, B048, B049, B050, B051, B052, B053, B065, B066, B067, B068, B083, B085, B097, B098, B099, B100, B101, B102, B104, B114, B115, B116.	ConMx, UpICe	Clearcut	NWSFU cn 'conmx' or NWSFU cn 'uplice'	18,796 ha	15%
<b>HRDMW</b>	Hardwood Mixedwood	B012, B015, B016, B035, B039, B040, B048, B050, B052, B054, B055, B065, B067, B070, B083, B088, B089, B101, B103, B104, B114, B116, B119, B130, B133.	HrdMw	Clearcut	NWSFU cn 'hrdmw'	12,295 ha	10%
<b>HRDOM</b>	Hardwood Dominant	B016, B040, B054, B055, B065, B070, B071, B088, B101, B104, B105, B114, B117, B119, B120, B130.	HrDom, OthHd	Clearcut	NWSFU cn 'hrdom' or NWSFU cn 'othhd'	10,949 ha	9%
<b>PJDOM</b>	Jack Pine Dominant	B012, B024, B033, B034, B035, B048, B049, B050, B055, B065, B082, B083, B098, B099, B114.	PjDee, PjSha	Clearcut	NWSFU cn 'pjdee' or NWSFU cn 'pjsha'	23,483 ha	18%
<b>PJMX1</b>	Jack Pine Mixedwood	B011, B012, B033, B034, B035, B048, B049, B050, B052, B065, B082, B083, B097, B098, B099.	PjMx1	Clearcut	NWSFU cn 'pjmx1'	12,060 ha	10%
<b>PODOM</b>	Poplar Dominant	B012, B016, B040, B054, B055, B070, B088, B104, B119, B130.	PoDee, PoSha	Clearcut	NWSFU cn 'podee' or NWSFU cn 'posha'	11,390 ha	9%
<b>PRWMX</b>	Red Pine and White Pine Mixedwood	B011, B033, B048, B054, B081, B097, B113.	PrwMx, PrDom, PwDom	Clearcut	NWSFU cn 'pwwdom' or NWSFU cn 'prdom' or NWSFU cn 'prwmx'	600 ha	1%
<b>SBDOM</b>	Spruce Dominant	B012, B034, B035, B048, B049, B050, B065, B098, B099, B114.	SbDee, SbSha	Clearcut	NWSFU cn 'sbdee' or NWSFU cn 'sbsha'	8,257 ha	7%
<b>SBLow</b>	Spruce Lowland	B126, B127, B128, B129, B136, B222, B223.	SbLow, OCLow	Clearcut	NWSFU cn 'sblow' or NWSFU cn 'oclow'	13,275 ha	11%
<b>SBMX1</b>	Spruce Mixedwood	B011, B012, B033, B034, B035, B048, B049, B050, B052, B064, B065, B067, B082, B083, B085, B097, B098, B099, B101, B114, B116, B117.	SbMx1	Clearcut	NWSFU cn 'sbmx1'	8,349 ha	7%
						124,958 ha	100%

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

**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)
BFDOM	0-20		7.8	clearcut	612.6
	21-40		23.2	clearcut	284.7
	41-60		200.8	clearcut	585.8
	61-80		137.4	clearcut	333.1
	81-100		164.4	clearcut	480.6
	101-120		126.2	clearcut	416.7
	121-140		6.0	clearcut	24.4
	141+		0.0	clearcut	
<b>BFDOM</b>	<b>Subtotal</b>	0.0	665.7		2,737.9
BWDOM	0-20		6.5	clearcut	137.0
	21-40		11.5	clearcut	258.1
	41-60		181.2	clearcut	712.1
	61-80		100.8	clearcut	188.1
	81-100		129.6	clearcut	346.0
	101-120		4.0	clearcut	25.8
	121-140		0.0	clearcut	
	141+		0.0	clearcut	
<b>BWDOM</b>	<b>Subtotal</b>	0.0	433.7		1,667.2
CONMX	0-20		26.7	clearcut	2,556.7
	21-40		100.8	clearcut	2,721.0
	41-60	22.1	488.5	clearcut	4,177.4
	61-80		265.7	clearcut	1,393.6
	81-100	5.7	571.8	clearcut	2,874.0
	101-120		799.1	clearcut	2,463.7
	121-140		39.2	clearcut	156.1
	141+		55.0	clearcut	78.8
<b>CONMX</b>	<b>Subtotal</b>	27.8	2,346.8		16,421.4
HRDMW	0-20		19.3	clearcut	1,806.7
	21-40		59.5	clearcut	1,632.9
	41-60		262.8	clearcut	2,367.6
	61-80	11.6	427.3	clearcut	1,653.1
	81-100		719.8	clearcut	2,576.4
	101-120		185.6	clearcut	558.9
	121-140		0.0	clearcut	13.7
	141+		0.0	clearcut	
<b>HRDMW</b>	<b>Subtotal</b>	11.6	1,674.4		10,609.1
HRDOM	0-20		21.1	clearcut	1,599.1
	21-40		38.8	clearcut	829.1
	41-60		218.5	clearcut	2,271.8
	61-80		352.2	clearcut	1,855.5
	81-100		549.3	clearcut	2,295.6
	101-120		321.3	clearcut	574.6
	121-140		0.0	clearcut	21.9
	141+		0.0	clearcut	
<b>HRDOM</b>	<b>Subtotal</b>	0.0	1,501.2		9,447.5

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

**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)
PJDOM	0-20	15.1	66.1	clearcut	5,774.1
	21-40	15.3	104.1	clearcut	4,388.1
	41-60	129.0	633.1	clearcut	7,170.7
	61-80		61.6	clearcut	555.0
	81-100	6.3	204.5	clearcut	2,278.1
	101-120	4.8	260.5	clearcut	1,750.8
	121-140	17.3	12.8	clearcut	35.7
	141+		0.0	clearcut	
<b>PJDOM</b>	<b>Subtotal</b>	187.8	1,342.7		21,952.4
PJM1	0-20		48.3	clearcut	2,844.7
	21-40		40.3	clearcut	1,275.3
	41-60		97.8	clearcut	1,754.5
	61-80	8.4	52.6	clearcut	813.2
	81-100	29.9	251.1	clearcut	2,164.6
	101-120		384.3	clearcut	2,295.0
	121-140		0.0	clearcut	
	141+		0.0	clearcut	
<b>PJM1</b>	<b>Subtotal</b>	38.3	874.5		11,147.2
PODOM	0-20	6.8	91.4	clearcut	3,481.4
	21-40		62.3	clearcut	1,577.6
	41-60		79.0	clearcut	1,762.0
	61-80		123.8	clearcut	1,657.7
	81-100	4.7	209.4	clearcut	2,028.0
	101-120		88.2	clearcut	217.3
	121-140		0.0	clearcut	
	141+		0.0	clearcut	
<b>PODOM</b>	<b>Subtotal</b>	11.4	654.1		10,724.0
PRWMX	0-20		1.0	clearcut	53.7
	21-40		13.2	clearcut	169.7
	41-60		0.0	clearcut	59.4
	61-80		17.8	clearcut	71.1
	81-100		3.4	clearcut	49.7
	101-120		44.8	clearcut	116.0
	121-140		0.0	clearcut	
	141+		0.0	clearcut	
<b>PRWMX</b>	<b>Subtotal</b>	0.0	80.2		519.5
SBDOM	0-20		25.9	clearcut	1,764.1
	21-40		9.6	clearcut	250.2
	41-60		3.7	clearcut	228.3
	61-80		38.9	clearcut	813.0
	81-100		158.3	clearcut	2,161.9
	101-120		238.2	clearcut	2,351.7
	121-140		13.6	clearcut	189.1
	141+		0.0	clearcut	10.4
<b>SBDOM</b>	<b>Subtotal</b>	0.0	488.2		7,768.7

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

### 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)
SBLOW	0-20	0.3	16.6	clearcut	781.4
	21-40		24.4	clearcut	186.3
	41-60	2.0	57.8	clearcut	300.3
	61-80	8.4	191.4	clearcut	910.6
	81-100	37.0	455.6	clearcut	2,409.2
	101-120	253.4	1,111.8	clearcut	4,483.9
	121-140	71.1	131.0	clearcut	1,054.5
	141+	23.6	132.1	clearcut	632.3
<b>SBLOW</b>	<b>Subtotal</b>	395.7	2,120.7		10,758.4
SBMX1	0-20		14.6	clearcut	2,065.7
	21-40		12.1	clearcut	281.8
	41-60		43.2	clearcut	476.9
	61-80		64.0	clearcut	719.4
	81-100		139.4	clearcut	1,774.6
	101-120		268.3	clearcut	2,404.1
	121-140		9.5	clearcut	75.7
	141+		0.0	clearcut	
<b>SBMX1</b>	<b>Subtotal</b>	0.0	551.1		7,798.3
<b>Total All Forest Units</b>	0-20	22.1	345.5	clearcut	23,477.1
	21-40	15.3	499.8	clearcut	13,854.8
	41-60	153.1	2,266.5	clearcut	21,866.7
	61-80	28.3	1,833.2	clearcut	10,963.4
	81-100	83.5	3,556.6	clearcut	21,438.7
	101-120	258.3	3,832.4	clearcut	17,658.5
	121-140	88.4	212.2	clearcut	1,571.1
	141+	23.6	187.1	clearcut	721.5
<b>Total All Forest Units</b>		672.6	12,733.2		111,551.8
			<b>Total Production Forest:</b>		124,285.0
			<b>Total Productive Forest:</b>		124,957.5

**\* NOTE:** The above table reflects the base model inventory and availability data for Ownership 1 Crown, Managed area as estimated for strategic modelling. FMP-3 Unavailable area is comprised of 12,733 ha estimated "reserves" area for modelling, which is classified as available area in the BMI (AVAIL=A, RESERVES<>Null).

**PLAN PERIOD:** April 1, 2021 to March 31, 2031

## FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		BFDOM_MODPR			Silvicultural System:		Clearcut		
Current Condition					Future Condition			Regeneration Standards	
Forest Unit	Ecosite(s)				Forest Unit	Stand Characteristics		Establishment:	
PJMx1 PODOM HRDMW Secondary: CONMX PJDOM SBDOM SBMX1 BFDOM	Shallow - Dry to Humid (ecosites 8-28), or  Upland Coarse - Dry - Sandy (ecosites 29-43), or  Upland Coarse - Fresh to Moist - Sandy to Coarse Loam (ecosites 44-76), or  Upland Fine - Fresh to Mosit - Fine, Loamy, Sandy, Silty, Clayey (ecosites 77-125)				BFDOM   PLANFU sort = NWSFU cn 'bfpur' or NWSFU cn 'bfmx1'	Bf 36 Sb 23 Pj 15 Po 10 Sw 8 Bw 7 Pr 1 Avg. Stocking: 0.66 Site Class: 1.3  Low Operability Limit: 80 m3/ha Lowest Operability Age: 85 years.		Species Composition Target: Bf 35 Sp 30 Pj 10 Po+Bw 5 Pr 1  Target Site Occupancy: 825 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 1800 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 8 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3	
Additional Information (avg. area weighted values)					Development Information				
Forest Unit	Species Composition			Age	Stkg	SC	BFDOM-MODPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 98 m3/ha @ age 125		
PJMx1	Pj 54 Sb 29 Po 6 Bw 5 Bf 3 Pr 1 Sw 1			82	0.69	2.1			
PODOM	Po 75 Sb 7 Bw 7 Pj 4 Bf 3 Sw 2 Lh 1			68	0.73	2.0			
HRDMW	Po 35 Bw 20 Sb 15 Pj 12 Bf 12 Sw 3 Cw 2 Lh 1			72	0.66	2.3			
								Performance:	
								(timing and standards for assessment to be determined)	

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	None	Natural Seed	None
Acceptable Alternative Treatments		Tree Length Cut-To-Length			

**NOTES:**

2011-2021 SGRs include:

BF1-EXT-BF1

MANAGEMENT UNIT NAME: Dryden Forest (535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

#### FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		BWDOM_MODPR			Silvicultural System:		Clearcut			
Current Condition					Future Condition			Regeneration Standards		
Forest Unit		Ecosite(s)			Forest Unit		Stand Characteristics		Establishment:	
SBMX1 CONMX Secondary: HRDMW BWDOM		Shallow - Dry to Humid (ecosites 8-28), or  Upland Coarse - Dry - Sandy (ecosites 29-43), or  Upland Coarse - Fresh to Moist - Sandy to Coarse Loam (ecosites 44-76), or  Upland Fine - Fresh to Mosit - Fine, Loamy, Sandy, Silty, Clayey (ecosites 77-125)			BWDOM  PLANFU sort = NWSFU cn 'bwdee' or NWSFU cn 'bwsha'		Bw 69 Po 16 Sb 8 Pj 5 Bf 2 Avg. Stocking: 0.66 Site Class: 1.4  Low Operability Limit: 80 m3/ha Lowest Operability Age: 45 years.		Species Composition Target: Bw 65 Po 15 Sp 5 Pj 2  Target Site Occupancy: 800 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 1800 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 4 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3	
Additional Information (avg. area weighted values)					Development Information					
Forest Unit		Species Composition		Age	Stkg	SC	BWDOM-MODPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 133 m3/ha @ age 85			
SBMX1		Sb 52 Pj 28 Po 6 Bw 6 Sw3 Bf 3 La 1		90	0.65	1.6				
CONMX		Pj 30 Sb 24 Po 16 Bw 15 Bf 8 Cw 4 Sw 2 Pr 1		75	0.67	2.0				
									Performance:	
									(timing and standards for assessment to be determined)	

	Silvicultural Treatments					
	Harvest Method		Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut		Full Tree	None	Natural Seed	None
Acceptable Alternative Treatments			Tree Length Cut-To-Length			

NOTES:  
 2011-2021 SGRs include:

**MANAGEMENT UNIT NAME:** Dryden Forest (535)  
**PLAN PERIOD:** April 1, 2021 to March 31, 2031

## FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		CONMX_MINPR			Silvicultural System:		Clearcut	
Current Condition					Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)				Forest Unit	Stand Characteristics	Establishment:	
HRDMW CONMX PJDOM Secondary: SBMX1 PJM1 SBDOM BFDOM	Shallow - Dry to Humid (ecosites 8-28), or  Upland Coarse - Dry - Sandy (ecosites 29-43), or  Upland Coarse - Fresh to Moist - Sandy to Coarse Loam (ecosites 44-76), or  Upland Fine - Fresh to Mosit - Fine, Loamy, Sandy, Silty, Clayey (ecosites 77-125)				CONMX  PLANFU sort = NWSFU cn 'conmx' or NWSFU cn 'uplce'	Pj 34 Sb 23 Po 23 Bw 9 Bf 8 Sw 2 Cw 1 Avg. Stocking: 0.53 Site Class: 1.9  Low Operability Limit: 80 m3/ha Lowest Operability Age: 65 years.	Species Composition Target: Pj 30 Sp 20 Po+Bw 25  Target Site Occupancy: 700 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 1600 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 4 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3	
Additional Information (avg. area weighted values)					Development Information			
Forest Unit	Species Composition			Age	Stkg	SC	CONMX-MINPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 95 m3/ha @ age 85	
HRDMW	Po 35 Bw 20 Sb 15 Pj 12 Bf 12 Sw 3 Cw 2 Lh 1			72	0.66	2.3		
CONMX	Pj 30 Sb 24 Po 16 Bw 15 Bf 8 Cw 4 Sw 2 Pr 1			75	0.67	2.0		
PJDOM	Pj 80 Sb 9 Bw 5 Po 4 Bf 1			62	0.76	2.3		
							Performance:	
							(timing and standards for assessment to be determined)	

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	None	Natural Seed	None
Acceptable Alternative Treatments		Tree Length Cut-To-Length			Chemical (ground) Chemical (aerial)

**NOTES:**

2011-2021 SGRs include:

PJ1-EXT-CMX  
PJM-EXT-CMX

SBM-EXT-CMX  
SPU-EXT-CMX

MANAGEMENT UNIT NAME: Dryden Forest (535)  
PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		CONMX_MODPR			Silvicultural System:		Clearcut	
Current Condition					Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)				Forest Unit	Stand Characteristics		Establishment:
PJDOM PJMX1 SBMX1 CONMX Secondary: SBDOM HRDMW BFDOM PODOM HRDOM	Shallow - Dry to Humid (ecosites 8-28), or  Upland Coarse - Dry - Sandy (ecosites 29-43), or  Upland Coarse - Fresh to Moist - Sandy to Coarse Loam (ecosites 44-76), or  Upland Fine - Fresh to Mosit - Fine, Loamy, Sandy, Silty, Clayey (ecosites 77-125)				CONMX	Pj 41 Po 22 Sb 20 Bw 10 Bf 5 Sw 1 Pr 1 Avg. Stocking: 0.72 Site Class: 1.5  Low Operability Limit: 80 m3/ha Lowest Operability Age: 45 years.		Species Composition Target: Pj 35 Sp 16 Po+Bw 25  Target Site Occupancy: 900 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 2000 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 7 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3
Additional Information (avg. area weighted values)					Development Information			
Forest Unit	Species Composition			Age	Stkg	SC	CONMX-MODPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 143 m3/ha @ age 85	
PJDOM	Pj 80 Sb 9 Bw 5 Po 4 Bf 1			62	0.76	2.3		
PJMX1	Pj 54 Sb 29 Po 6 Bw 5 Bf 3 Pr 1 Sw 1			82	0.69	2.1		
SBMX1	Sb 52 Pj 28 Po 6 Bw 6 Sw3 Bf 3 La 1			90	0.65	1.6		
CONMX	Pj 30 Sb 24 Po 16 Bw 15 Bf 8 Cw 4 Sw 2 Pr 1			75	0.67	2.0		
							<b>Performance:</b>  (timing and standards for assessment to be determined)	

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	Mechancial	Plant 1200-1600 sph Sb, Pj (natural ingress expected)	Chemical (aerial)
Acceptable Alternative Treatments		Tree Length Cut-To-Length	Manual None	Aerial Seed Pj 25,000 sph Natural Seed	None Chemical (ground) Cleaning (manual)

**NOTES:**

2011-2021 SGRs include:

BF1-BA1-CMX  
IHM-BA1-CMX  
PJ1-EXT-CMX

PJM-EXT-CMX  
PO1-BA1-CMX  
SBM-EXT-CMX

SBM-BA1-CMX  
SPU-EXT-CMX

**MANAGEMENT UNIT NAME:** Dryden Forest (535)  
**PLAN PERIOD:** April 1, 2021 to March 31, 2031

## FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		HRDMW_MODPR			Silvicultural System:		Clearcut	
Current Condition					Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)				Forest Unit	Stand Characteristics	Establishment:	
SBMX1 CONMX PJM1 Secondary: PODOM HRDMW HRDOM PJDOM BFDOM BWDOM	Shallow - Dry to Humid (ecosites 8-28), or  Upland Coarse - Dry - Sandy (ecosites 29-43), or  Upland Coarse - Fresh to Moist - Sandy to Coarse Loam (ecosites 44-76), or  Upland Fine - Fresh to Moist - Fine, Loamy, Sandy, Silty, Clayey (ecosites 77-125)				HRDMW  PLANFU sort = NWSFU cn 'hrdmw'	Po 43 Pj 19 Sb 15 Bw 12 Bf 8 Sw 2 Cw 1 Avg. Stocking: 0.65 Site Class: 1.9  Low Operability Limit: 80 m3/ha Lowest Operability Age: 40 years.	Species Composition Target: Po 41 Bw 10 Pj 15 Sp 10  Target Site Occupancy: 800 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 1800 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 4 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3	
Additional Information (avg. area weighted values)					Development Information			
Forest Unit	Species Composition			Age	Stkg	SC	HRDMW-MODPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 164 m3/ha @ age 85	
SBMX1	Sb 52 Pj 28 Po 6 Bw 6 Sw3 Bf 3 La 1			90	0.65	1.6		
CONMX	Pj 30 Sb 24 Po 16 Bw 15 Bf 8 Cw 4 Sw 2 Pr 1			75	0.67	2.0		
PJM1	Pj 54 Sb 29 Po 6 Bw 5 Bf 3 Pr 1 Sw 1			82	0.69	2.1		
							<b>Performance:</b>  (timing and standards for assessment to be determined)	

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	None	Natural coppice or seed	None
Acceptable Alternative Treatments		Tree Length Cut-To-Length			

**NOTES:**

2011-2021 SGRs include:

BF1-EXT-IHM  
CMX-EXT-IHM  
PO1-EXT-IHM

**MANAGEMENT UNIT NAME:** Dryden Forest (535)  
**PLAN PERIOD:** April 1, 2021 to March 31, 2031

## FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		HRDOM_MODPR			Silvicultural System:		Clearcut	
Current Condition					Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)				Forest Unit	Stand Characteristics	Establishment:	
SBMX1 CONMX PODOM BFDOM Secondary: HRDMW HRDOM PJDOM PJM1 SBDOM BWDOM	Shallow - Dry to Humid (ecosites 8-28), or  Upland Coarse - Dry - Sandy (ecosites 29-43), or  Upland Coarse - Fresh to Moist - Sandy to Coarse Loam (ecosites 44-76), or  Upland Fine - Fresh to Moist - Fine, Loamy, Sandy, Silty, Clayey (ecosites 77-125)				HRDOM  PLANFU sort = NWSFU cn 'hrdom' or NWSFU cn 'othhd'	Po 53 Bw 21 Sb 11 Pj 6 Bf 5 Sw 2 Lh 2 Avg. Stocking: 0.65 Site Class: 1.9  Low Operability Limit: 80 m3/ha Lowest Operability Age: 50 years.	Species Composition Target: Po 51 Bw 20 Sp 5 Pj 5 Bf 2 Lh 2  Target Site Occupancy: 800 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 1800 stems/ha  Min. Height: Po/Bw >= 1.2m, Conifer >= 0.5 m  Assessment Period: 4 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3	
Additional Information (avg. area weighted values)					Development Information			
Forest Unit	Species Composition	Age	Stkg	SC	HRDOM-MODPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 153 m3/ha @ age 85			
SBMX1	Sb 52 Pj 28 Po 6 Bw 6 Sw3 Bf 3 La 1	90	0.65	1.6				
CONMX	Pj 30 Sb 24 Po 16 Bw 15 Bf 8 Cw 4 Sw 2 Pr 1	75	0.67	2.0				
PODOM	Po 75 Sb 7 Bw 7 Pj 4 Bf 3 Sw 2 Lh 1	68	0.73	2.0				
BFDOM	Bf 44 Sb 21 Po 10 Bw 10 Pj 7 Sw 5 Pr 1 Cw 1 La 1	72	0.57	1.5				
					<b>Performance:</b>  (timing and standards for assessment to be determined)			

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	None	Natural coppice or seed	None
Acceptable Alternative Treatments		Tree Length Cut-To-Length			

**NOTES:**

2011-2021 SGRs include:

CMX-EXT-IHM  
OH1-EXT-OH1

PO1-EXT-IHM  
CMX-EXT-IHM

**PLAN PERIOD:** April 1, 2021 to March 31, 2031

## FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		PJDOM_MINPR			Silvicultural System:		Clearcut		
Current Condition					Future Condition			Regeneration Standards	
Forest Unit	Ecosite(s)				Forest Unit	Stand Characteristics		Establishment:	
PJDOM SBDOM Secondary: PJMX1 SBMX1 CONMX HRDOM HRDMW	Shallow - Dry to Humid (ecosites 8-28), or  Upland Coarse - Dry - Sandy (ecosites 29-43), or  Upland Coarse - Fresh to Moist - Sandy to Coarse Loamy (ecosites 44-76), or  Upland Fine - Fresh to Moist Fine loamy, silty, clayey (ecosites 77-125)				PJDOM    PLANFU sort = NWSFU cn 'pjdee' or NWSFU cn 'pjsha'	Pj 83 Sb 10 Bw 3 Po 2 Pr 1 Bf 1 Avg. Stocking: 0.57 Site Class: 2.0  Low Operability Limit: 80 m3/ha Lowest Operability Age: 55 years.		Species Composition Target: Pj 80 Sp 5 Po 5 Bw 3  Target Site Occupancy: 700 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 1600 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 7 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3	
Additional Information (avg. area weighted values)					Development Information				
Forest Unit	Species Composition			Age	Stkg	SC	PJDOM-MINPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 1058 m3/ha @ age 85		
PJDOM	Pj 80 Sb 9 Bw 5 Po 4 Bf 1			62	0.76	2.3			
SBDOM	Sb 78 Pj 11 Bw 4 Po 3 Bf 2 Sw 1 La 1			92	0.66	1.6			
								Performance:  (timing and standards for assessment to be determined)	

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	Mechanical	Aerial Seed Pj 25,000 sph	None
Acceptable Alternative Treatments		Tree Length Cut-To-Length	None	Natural Seed	Chemical (aerial) Chemical (ground) Cleaning (manual) Cleaning (mechanical)

**NOTES:**

2011-2021 SGRs include:

PJ1-EXT-PJ1

P.I1-BA1-P.I1

101-DATA-101

PJM-EXT-PJ1

P.IM-BA1-P.I1

FORM-DAT-101

SBM-BA1-PJ1

SPU-BA1-P.J1

OF C-DATA-101

**MANAGEMENT UNIT NAME:** Dryden Forest (535)  
**PLAN PERIOD:** April 1, 2021 to March 31, 2031

## FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		PJDOM_MODPR			Silvicultural System:		Clearcut	
Current Condition					Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)				Forest Unit	Stand Characteristics	Establishment:	
PJDOM Secondary: PJMx1 SBDOM SBMx1 CONMX HRDMW HRDOM BWDOM	Shallow - Dry to Humid (ecosites 8-28), or  Upland Coarse - Dry - Sandy (ecosites 29-43), or  Upland Coarse - Fresh to Moist - Sandy to Coarse Loamy (ecosites 44-76), or  Upland Fine - Fresh to Moist Fine loamy, silty, clayey (ecosites 77-125)				PJDOM          PLANFU sort = NWSFU cn 'pjdee' or NWSFU cn 'pjsha'	Pj 82 Sb 10 Po 4 Bw 3 Bf 1 Avg. Stocking: 0.69 Site Class: 1.7  Low Operability Limit: 80 m3/ha Lowest Operability Age: 45 years.	Species Composition Target: Pj 80 Sp 8 Bw 3 Po 2  Target Site Occupancy: 900 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 2000 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 7 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3	
Additional Information (avg. area weighted values)					Development Information			
Forest Unit	Species Composition			Age	Stkg	SC	PJDOM-MODPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 139 m3/ha @ age 85	
PJDOM	Pj 80 Sb 9 Bw 5 Po 4 Bf 1			62	0.76	2.3		
							<b>Performance:</b>  (timing and standards for assessment to be determined)	

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	Mechancial	Aerial Seed Pj 25,000 sph	None
Acceptable Alternative Treatments		Tree Length Cut-To-Length	Manual None	Plant 1200-2000 sph Pj, Sb (Pj, Sb ingress expected) Natural Seed	Chemical (aerial) Chemical (ground) Cleaning (manual)

**NOTES:**

2011-2021 SGRs include:

BF1-BA1-PJ1  
CMX-BA1-PJ1  
IHM-BA1-PJ1  
PO1-BA1-PJ1

PJ1-EXT-PJ1  
PJ1-BA1-PJ1  
PJ1-INT-PJ1

PJM-EXT-PJ1  
PJM-BA1-PJ1  
PJM-INT-PJ1

SBM-BA1-PJ1  
SPU-BA1-PJ1  
SBM-BA1-PJ1

SPU-BA1-PJ1

MANAGEMENT UNIT NAME: Dryden Forest (535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		PJDOM_MAXPR			Silvicultural System:		Clearcut		
Current Condition					Future Condition			Regeneration Standards	
Forest Unit		Ecosite(s)			Forest Unit		Stand Characteristics		Establishment:
PJDOM PJM1 Secondary: CONMX SBDOM		Shallow - Dry to Humid (ecosites 8-28), or  Upland Coarse - Dry - Sandy (ecosites 29-43), or  Upland Coarse - Fresh to Moist - Sandy to Coarse Loamy (ecosites 44-76), or  Upland Fine - Fresh to Moist Fine loamy, silty, clayey (ecosites 77-125)			PJDOM   PLANFU sort = NWSFU cn 'pjdee' or NWSFU cn 'pjsha'		Pj 89 Sb 5 Po 3 Bw 2 Bf 1 Avg. Stocking: 0.87 Site Class: 1.7  Low Operability Limit: 80 m3/ha Lowest Operability Age: 40 years.		Species Composition Target: Pj 85 Sp 5 Po 3 Bw 2  Target Site Occupancy: 1100 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 2000 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 7 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3
Additional Information (avg. area weighted values)					Development Information				
Forest Unit		Species Composition		Age	Stkg	SC		PJDOM-MAXPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 175 m3/ha @ age 85	
PJDOM		Pj 80 Sb 9 Bw 5 Po 4 Bf 1		62	0.76	2.3			
PJM1		Pj 54 Sb 29 Po 6 Bw 5 Bf 3 Pr 1 Sw 1		82	0.69	2.1			
									Performance:
									(timing and standards for assessment to be determined)

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	Mechanical	Aerial Seed Pj 25,000 sph	None
Acceptable Alternative Treatments		Tree Length Cut-To-Length	Manual None	Plant 1200-2000 sph Pj, Sb (Pj ingress expected) Natural Seed	Chemical (aerial) Chemical (ground) Cleaning (manual)

### NOTES:

2011-2021 SGRs include:

BF1-BA1-PJ1  
 CMX-BA1-PJ1  
 PJ1-EXT-PJ1

PJ1-BA1-PJ1  
 PJ1-INT-PJ1  
 PJM-BA1-PJ1

PJM-INT-PJ1  
 PO1-BA1-PJ1  
 SBM-BA1-PJ1

SPU-BA1-PJ1

MANAGEMENT UNIT NAME: Dryden Forest (535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

#### FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		PJMX1_MINPR			Silvicultural System:		Clearcut		
Current Condition					Future Condition			Regeneration Standards	
Forest Unit		Ecosite(s)			Forest Unit		Stand Characteristics		Establishment:
SBMX1 PJDOM SBDOM Secondary: PJMX1 BFDOM HRDMW BWDOM		Shallow - Dry to Humid (ecosites 8-28), or  Upland Coarse - Dry - Sandy (ecosites 29-43), or  Upland Coarse - Fresh to Moist - Sandy to Coarse Loam (ecosites 44-76), or  Upland Fine - Fresh to Mosit - Fine, Loamy, Sandy, Silty, Clayey (ecosites 77-125)			PJMX1  PLANFU sort = NWSFU cn 'pjmx1'		Pj 54 Sb 29 Po 8 Bw 5 Bf 3 Pr 1 Avg. Stocking: 0.56 Site Class: 2.2  Low Operability Limit: 80 m3/ha Lowest Operability Age: 65 years.		Species Composition Target: Pj 50 Sp 25 Po 5 Bw 5 Pr 1 and (Bf<10)  Target Site Occupancy: 700 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 1600 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 5 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3
Additional Information (avg. area weighted values)					Development Information				
Forest Unit		Species Composition		Age	Stkg	SC		<u>Performance:</u>  (timing and standards for assessment to be determined)	
SBMX1		Sb 52 Pj 28 Po 6 Bw 6 Sw3 Bf 3 La 1		90	0.65	1.6			
PJDOM		Pj 80 Sb 9 Bw 5 Po 4 Bf 1		62	0.76	2.3			
SBDOM		Sb 78 Pj 11 Bw 4 Po 3 Bf 2 Sw 1 La 1		92	0.66	1.6			
					PJMX1-MINPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 93 m3/ha @ age 85				

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	Mechanical	Plant 1200-1600 sph Pj, Sb	None
Acceptable Alternative Treatments		Tree Length Cut-To-Length	None	Natural Seed Aerial Seed Pj 25,000 sph	Chemical (aerial) Chemical (ground) Cleaning (manual)

**NOTES:**

2011-2021 SGRs include:

BF1-BA1-PJM	PJM-EXT-PJM	PRW-BA1-PJM
IHM-BA1-PJM	PJM-BA1-PJM	SBM-BA1-PJM
PJ1-BA1-PJM	PR1-BA1-PJM	SPU-BA1-PJM

MANAGEMENT UNIT NAME: Dryden Forest (535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

#### FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		PJM1_MODPR			Silvicultural System:		Clearcut		
Current Condition					Future Condition			Regeneration Standards	
Forest Unit	Ecosite(s)				Forest Unit	Stand Characteristics		Establishment:	
PJDOM PJM1 SBMX1 Secondary: CONMX SBDOM HRDMW PODOM BWDOM	Upland Coarse - Dry - Sandy (ecosites 29-43), or  Upland Coarse - Fresh to Moist - Sandy to Coarse Loam (ecosites 44-76), or  Upland Fine - Fresh to Mosit - Fine, Loamy, Sandy, Silty, Clayey (ecosites 77-125)				PJM1  PLANFU sort = NWSFU cn 'pjm1'	Pj 55 Sb 24 Po 10 Bw 5 Bf 3 Pr 2 Sw 1 Avg. Stocking: 0.67 Site Class: 1.6  Low Operability Limit: 80 m3/ha Lowest Operability Age: 45 years.		Species Composition Target: Pj 52 Sp 20 Po 5 Bw 5 Pr 1 and (Bf<10)  Target Site Occupancy: 850 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 2000 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 5 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3	
Additional Information (avg. area weighted values)					Development Information				
Forest Unit	Species Composition			Age	Stkg	SC	PJM1-MODPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 130 m3/ha @ age 85		
PJDOM	Pj 80 Sb 9 Bw 5 Po 4 Bf 1			62	0.76	2.3			
PJM1	Pj 54 Sb 29 Po 6 Bw 5 Bf 3 Pr 1 Sw 1			82	0.69	2.1			
SBMX1	Sb 52 Pj 28 Po 6 Bw 6 Sw3 Bf 3 La 1			90	0.65	1.6			
							Performance:  (timing and standards for assessment to be determined)		

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	Mechanical	Plant 1200-1600 sph Pj, Sb (with >400 sph ingress Pj, Sb)	None
Acceptable Alternative Treatments		Tree Length Cut-To-Length	Manual None	Aerial Seed Pj 25,000 sph Natural Seed	Chemical (aerial) Chemical (ground) Cleaning (manual)

#### NOTES:

2011-2021 SGRs include:

BF1-BA1-PJM  
CMX-BA1-PJM  
IHM-BA1-PJM

PJ1-BA1-PJM  
PJ1-INT-PJM  
PJM-EXT-PJM

PJM-BA1-PJM  
PJM-INT-PJM  
PO1-BA1-PJ1

PR1-BA1-PJM  
PRW-BA1-PJM  
SBM-BA1-PJM

SPU-BA1-PJM

MANAGEMENT UNIT NAME: Dryden Forest (535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

#### FMP-4 SILVICULTURAL GROUND RULES

SGR Code:	PJMx1_MAXPR				Silvicultural System:	Clearcut	
Current Condition					Future Condition		Regeneration Standards
Forest Unit	Ecosite(s)				Forest Unit	Stand Characteristics	Establishment:
PJMx1 PJDOM CONMX Secondary: SBMX1 HRDMW SBDOM	Upland Coarse - Dry - Sandy (ecosites 29-43), or  Upland Coarse - Fresh to Moist - Sandy to Coarse Loam (ecosites 44-76), or  Upland Fine - Fresh to Mosit - Fine, Loamy, Sandy, Silty, Clayey (ecosites 77-125)				PJMx1  PLANFU sort = NWSFU cn 'pjm1'	Pj 53 Sb 25 Sw 11 Po 5 Pr 2 Bf 2 Bw 2 Avg. Stocking: 0.85 Site Class: 1.8  Low Operability Limit: 80 m3/ha Lowest Operability Age: 40 years.	Species Composition Target: Pj 50 Sp 25 Po 5 Bw 5 Pr 1 and (Bf<10)  Target Site Occupancy: 1100 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 2000 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 5 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3
Additional Information (avg. area weighted values)					Development Information		
Forest Unit	Species Composition			Age	Stkg	SC	Performance:  (timing and standards for assessment to be determined)
PJMx1	Pj 54 Sb 29 Po 6 Bw 5 Bf 3 Pr 1 Sw 1			82	0.69	2.1	
PJDOM	Pj 80 Sb 9 Bw 5 Po 4 Bf 1			62	0.76	2.3	
CONMX	Pj 30 Sb 24 Po 16 Bw 15 Bf 8 Cw 4 Sw 2 Pr 1			75	0.67	2.0	
					PJMx1-MAXPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 159 m3/ha @ age 85		

Silvicultural Treatments					
Harvest Method		Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package		Clearcut	Full Tree	Mechanical	Plant 1200-1600 sph Pj, Sb (with >400 sph ingress Pj, Sb)  None
Acceptable Alternative Treatments		Tree Length Cut-To-Length	Manual None	Aerial Seed Pj 25,000 sph Natural Seed	Chemical (aerial) Chemical (ground) Cleaning (manual)

**NOTES:**

2011-2021 SGRs include:

BF1-BA1-PJM  
CMX-BA1-PJM  
IHM-BA1-PJM

PJ1-BA1-PJM  
PJ1-INT-PJM  
PJM-BA1-PJM

PJM-INT-PJM  
PO1-BA1-PJ1  
PR1-BA1-PJM

PRW-BA1-PJM  
SBM-BA1-PJM  
SPU-BA1-PJM

**MANAGEMENT UNIT NAME:** Dryden Forest (535)  
**PLAN PERIOD:** April 1, 2021 to March 31, 2031

## FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		PODOM_MINPR			Silvicultural System:		Clearcut		
Current Condition					Future Condition			Regeneration Standards	
Forest Unit	Ecosite(s)				Forest Unit	Stand Characteristics		Establishment:	
HRDMW CONMX Secondary: SBMX1 PJDOM PJM1 PODOM BWDOM	Shallow - Dry to Humid (ecosites 8-28), or  Upland Coarse - Fresh to Moist - Sandy to Coarse Loam (ecosites 44-76), or  Upland Fine - Fresh to Mosit - Fine, Loamy, Sandy, Silty, Clayey (ecosites 77-125) or  Lowland - Hydric, Variable textures (ecosites 126-224)				PODOM  PLANFU sort = NWSFU cn 'podee' or NWSFU cn 'posha'	Po 81 Sb 7 Bf 4 Bw 4 Pj 3 Sw 1 Avg. Stocking: 0.52 Site Class: 2.3  Low Operability Limit: 80 m3/ha Lowest Operability Age: 65 years.		Species Composition Target: Po 70 Sp 5 Pj 2 Bw 2  Target Site Occupancy: 650 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 1600 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 4 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3	
Additional Information (avg. area weighted values)					Development Information				
Forest Unit	Species Composition			Age	Stkg	SC	PODOM-MINPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 100 m3/ha @ age 95		
HRDMW	Po 35 Bw 20 Sb 15 Pj 12 Bf 12 Sw 3 Cw 2 Lh 1			72	0.66	2.3			
CONMX	Pj 30 Sb 24 Po 16 Bw 15 Bf 8 Cw 4 Sw 2 Pr 1			75	0.67	2.0			
							Performance:  (timing and standards for assessment to be determined)		

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	None	Natural coppice or seed	None
Acceptable Alternative Treatments		Tree Length Cut-To-Length			

**NOTES:**

2011-2021 SGRs include:

CMX-EXT-IHM  
IHM-EXT-PO1  
PO1-EXT-PO1

**PLAN PERIOD:** April 1, 2021 to March 31, 2031

## FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		PODOM_MODPR			Silvicultural System:		Clearcut		
Current Condition					Future Condition			Regeneration Standards	
Forest Unit	Ecosite(s)				Forest Unit	Stand Characteristics		Establishment:	
HRDMW PODOM Secondary: CONMX SBDOM HRDOM SBMX1 BFDOM PJDOM BWDOM	Upland Coarse - Fresh to Moist - Sandy to Coarse Loam (ecosites 44-76), or  Upland Fine - Fresh to Mosit - Fine, Loamy, Sandy, Silty, Clayey (ecosites 77-125)				PODOM   PLANFU sort = NWSFU cn 'podee' or NWSFU cn 'posha'	Po 80 Sb 6 Bw 6 Pj 3 Bf 3 Sw 2 Avg. Stocking: 0.74 Site Class: 1.7  Low Operability Limit: 80 m3/ha Lowest Operability Age: 50 years.		Species Composition Target: Po 75 Sp 5 Bw 5 Pj 2  Target Site Occupancy: 950 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 2200 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 4 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3	
Additional Information (avg. area weighted values)					Development Information				
Forest Unit	Species Composition			Age	Stkg	SC	PODOM-MODPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 173 m3/ha @ age 95		
HRDMW	Po 35 Bw 20 Sb 15 Pj 12 Bf 12 Sw 3 Cw 2 Lh 1			72	0.66	2.3			
PODOM	Po 75 Sb 7 Bw 7 Pj 4 Bf 3 Sw 2 Lh 1			68	0.73	2.0			
								Performance:  (timing and standards for assessment to be determined)	

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	None	Natural coppice or seed	None
Acceptable Alternative Treatments		Tree Length Cut-To-Length			

**NOTES:**

2011-2021 SGRs include:

BF1-EXT-IHM  
CMX-EXT-IHM  
IHM-EXT-PO1

PO1-EXT-PO1

MANAGEMENT UNIT NAME: Dryden Forest (535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

#### FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		PRWMX_MINPR			Silvicultural System:		Clearcut		
Current Condition					Future Condition			Regeneration Standards	
Forest Unit	Ecosite(s)				Forest Unit	Stand Characteristics		Establishment:	
PRWMX Secondary: HRDMW PJM1 PJDOM BWDOM CONMX	Shallow - Dry to Humid (ecosites 8-28) or  Upland Coarse - Fresh to Moist - Sandy to Coarse Loam (ecosites 44-76), or  Upland Fine - Fresh to Mosit - Fine, Loamy, Sandy, Silty, Clayey (ecosites 77-125)				PRWMX  PLANFU sort = NWSFU cn 'pwdom' or NWSFU cn 'prdom' or NWSFU cn 'prwmx'	Pw 80 Sw 10 Po 10 Avg. Stocking: 0.50 Site Class: 2.0  Low Operability Limit: 80 m3/ha Lowest Operability Age: 75 years.		Species Composition Target: Pw 70 Sp 5 Po 5 Bw 2 Pj 2 Pr 2  Target Site Occupancy: 700 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 1600 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 7 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3	
Additional Information (avg. area weighted values)					Development Information				
Forest Unit	Species Composition			Age	Stkg	SC	PRWMX-MINPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 200 m3/ha @ age 165		
PRWMX	Pr 42 Pw 15 Pj 10 Sb 9 Bw 9 Po 8 Bf 5 Sw 2 Cw 1			91	0.69	2.0			
							Performance:  (timing and standards for assessment to be determined)		

Silvicultural Treatments					
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	Mechanical	Plant 1200-1600 sph Pw, Pr, Pj, Sb	Chemical (ground)
Acceptable Alternative Treatments		Tree Length Cut-To-Length	None	Natural Seed	None Chemical (aerial) Cleaning (manual) Cleaning (mechanical)

**NOTES:**

2011-2021 SGRs include:

CMX-BA1-PR1	PJ1-BA1-PRW	PR1-BA1-PR1
CMX-BA1-PRW	PJM-BA1-PRW	PRW-BA1-PRW
IHM-BA1-PR1	PO1-BA1-PRW	SPU-BA1-PRW

**MANAGEMENT UNIT NAME:** Dryden Forest (535)  
**PLAN PERIOD:** April 1, 2021 to March 31, 2031

## FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		PRWMX_MODPR			Silvicultural System:		Clearcut	
Current Condition					Future Condition		Regeneration Standards	
Forest Unit		Ecosite(s)			Forest Unit		Stand Characteristics	
PRWMX HRDMW Secondary: PJM1 PJD BWD CONM		Upland Coarse - Fresh to Moist - Sandy to Coarse Loam (ecosites 44-76), or  Upland Fine - Fresh to Moist - Fine, Loamy, Sandy, Silty, Clayey (ecosites 77-125)			PRWMX   PLANFU sort = NWSFU cn 'pwwd' or NWSFU cn 'pwwd' or NWSFU cn 'prwm'		Pr 56 Pj 27 Po 8 Bw 5 Sb 2 Bf 2 Avg. Stocking: 0.91 Site Class: 2.0  Low Operability Limit: 80 m3/ha Lowest Operability Age: 45 years.	
Additional Information (avg. area weighted values)					Development Information			
Forest Unit		Species Composition		Age	Stkg	PRWMX-MODPR yield curve:		
PRWMX		Pr 42 Pw 15 Pj 10 Sb 9 Bw 9 Po 8 Bf 5 Sw 2 Cw 1		91	0.69	Harvest origin stands.		
HRDMW		Po 35 Bw 20 Sb 15 Pj 12 Bf 12 Sw 3 Cw 2 Lh 1		72	0.66	Natural Yield Curve Builder: Peak 350 m3/ha @ age 165		
					<u>Establishment:</u> Species Composition Target: Pr 50 Pj 20 Po 5 Bw 2 Sp 2  Target Site Occupancy: 1100 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 2000 stems/ha  Min. Height: Po/Bw >= 1.2m, Conifer >= 0.5 m  Assessment Period: 7 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3			
					<u>Performance:</u> (timing and standards for assessment to be determined)			

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	Mechanical	Plant 1200-1600 sph Pr, Pj, Sb, Pw	Chemical (ground)
Acceptable Alternative Treatments		Tree Length Cut-To-Length	Manual None	Natural Seed	None Chemical (aerial) Cleaning (manual) Cleaning (mechanical)

**NOTES:**

2011-2021 SGRs include:

CMX-BA1-PR1  
CMX-BA1-PRW

IHM-BA1-PR1  
PJ1-BA1-PRW

PJM-BA1-PRW  
PO1-BA1-PRW

PR1-BA1-PR1  
PR1-INT-PR1

PRW-BA1-PRW  
PRW-BA1-PR1

SBM-BA1-PR1  
SPU-BA1-PR1  
SPU-BA1-PRW

**MANAGEMENT UNIT NAME:** Dryden Forest (535)  
**PLAN PERIOD:** April 1, 2021 to March 31, 2031

## FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		PRWMX_MAXPR			Silvicultural System:		Clearcut	
Current Condition					Future Condition		Regeneration Standards	
Forest Unit		Ecosite(s)			Forest Unit		Stand Characteristics	
HRDMW PRWMX Secondary: PJMX1 PJDOM BWDOM CONMX		Upland Coarse - Fresh to Moist - Sandy to Coarse Loam (ecosites 44-76), or  Upland Fine - Fresh to Mosit - Fine, Loamy, Sandy, Silty, Clayey (ecosites 77-125)			PRWMX   PLANFU sort = NWSFU cn 'pwdom' or NWSFU cn 'prdom' or NWSFU cn 'prwmx'		Pr 61 Sb 14 Pj 12 Po 9 Bf 2 Pw 1 Bw 1 Avg. Stocking: 0.72 Site Class: 0.2  Low Operability Limit: 80 m3/ha Lowest Operability Age: 40 years.	
Establishment:					Species Composition Target: Pr 60 Sp 10 Pj 10 Po 5 Bw 1  Target Site Occupancy: 1000 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 2000 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 7 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3			
Additional Information (avg. area weighted values)					Development Information			
Forest Unit		Species Composition		Age	Stkg	SC		PRWMX-MAXPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 400 m3/ha @ age 155
HRDMW		Po 35 Bw 20 Sb 15 Pj 12 Bf 12 Sw 3 Cw 2 Lh 1		72	0.66	2.3		
PRWMX		Pr 42 Pw 15 Pj 10 Sb 9 Bw 9 Po 8 Bf 5 Sw 2 Cw 1		91	0.69	2.0		
Performance:					(timing and standards for assessment to be determined)			

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	Mechanical	Plant 1400-2000 sph Pr, PJ, Sb, Pw	Chemical (ground)
Acceptable Alternative Treatments		Tree Length Cut-To-Length	Manual None	Natural Seed	None Chemical (aerial) Cleaning (manual) Cleaning (mechanical)

**NOTES:**

2011-2021 SGRs include:

CMX-BA1-PR1  
CMX-BA1-PRW

IHM-BA1-PR1  
PJ1-BA1-PRW

PJM-BA1-PRW  
PO1-BA1-PRW

PR1-BA1-PR1  
PR1-INT-PR1

PRW-BA1-PRW  
PRW-BA1-PR1

SBM-BA1-PR1  
SPU-BA1-PR1  
SPU-BA1-PRW

MANAGEMENT UNIT NAME: Dryden Forest (535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

#### FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		SBDOM_MINPR			Silvicultural System:		Clearcut		
Current Condition					Future Condition			Regeneration Standards	
Forest Unit	Ecosite(s)				Forest Unit	Stand Characteristics		Establishment:	
PJDOM HRDMW Secondary: SBDOM SBMX1 PJMx1	Shallow - Dry to Humid (ecosites 8-28), or  Upland Coarse - Fresh to Moist – Sandy to Coarse Loamy (ecosites 44-76), or  Upland Fine - Fresh to Moist Fine loamy, silty, clayey (ecosites 77-125)				SBDOM  PLANFU sort = NWSFU cn 'sbdee' or NWSFU cn 'sbsha'	Sp 80 Pj 9 Po 5 Bw 4 Bf 2 Avg. Stocking: 0.43 Site Class: 1.1  Low Operability Limit: 80 m3/ha Lowest Operability Age: 80 years.		Species Composition Target: Sp 75 Pj 5 Po 3 Bw 2 and (Po+Bw<20)  Target Site Occupancy: 625 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 1600 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 5 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3	
Additional Information (avg. area weighted values)					Development Information				
Forest Unit	Species Composition			Age	Stkg	SC	SBDOM-MINPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 96 m3/ha @ age 105		
PJDOM	Pj 80 Sb 9 Bw 5 Po 4 Bf 1			62	0.76	2.3			
HRDMW	Po 35 Bw 20 Sb 15 Pj 12 Bf 12 Sw 3 Cw 2 Lh 1			72	0.66	2.3			
							Performance:  (timing and standards for assessment to be determined)		

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	Mechanical	Plant 1200-1600 sph Sb, Pj	None
Acceptable Alternative Treatments		Tree Length	None	Natural Seed	Chemical (aerial)
		Cut-To-Length	Manual		Chemical (ground)

#### NOTES:

2011-2021 SGRs include:

IHM-BA1-SPU  
 PJ1-BA1-SPU  
 PJM-BA1-SPU

PO1-BA1-SPU  
 SBM-BA1-SPU  
 SPU-EXT-SPU

SPU-BA1-SPU

**MANAGEMENT UNIT NAME:** Dryden Forest (535)  
**PLAN PERIOD:** April 1, 2021 to March 31, 2031

## FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		SBDOM_MODPR			Silvicultural System:		Clearcut	
Current Condition					Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)				Forest Unit	Stand Characteristics	Establishment:	
SBDOM BFDOM Secondary: SBMX1 HRDOM PJM1 CONMX HRDMW	Upland Coarse - Fresh to Moist – Sandy to Coarse Loamy (ecosites 44-76), or  Upland Fine - Fresh to Moist Fine loamy, silty, clayey (ecosites 77-125)				SBDOM   PLANFU sort = NWSFU cn 'sbdee' or NWSFU cn 'sbsha'	Sb 86 Pj 5 Po 4 Bf 2 Bw 2 Sw 1 Avg. Stocking: 0.74 Site Class: 1.5  Low Operability Limit: 80 m3/ha Lowest Operability Age: 60 years.	Species Composition Target: Sp 80 Pj 5 Po 2 Bw 2  Target Site Occupancy: 900 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 2000 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 7 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3	
Additional Information (avg. area weighted values)					Development Information			
Forest Unit	Species Composition			Age	Stkg	SC	SBDOM-MODPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 144 m3/ha @ age 115	
SBDOM	Sb 78 Pj 11 Bw 4 Po 3 Bf 2 Sw 1 La 1			92	0.66	1.6		
BFDOM	Bf 44 Sb 21 Po 10 Bw 10 Pj 7 Sw 5 Pr 1 Cw 1 La 1			72	0.57	1.5		
								Performance:
								(timing and standards for assessment to be determined)

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	Mechancial	Plant 1200-1600 sph Sb, Pj (ingress >400 sph Sb)	Chemical (aerial)
Acceptable Alternative Treatments		Tree Length Cut-To-Length	Manual None	Natural Seed	None Chemical (ground) Cleaning (manual) Cleaning (mechanical)

**NOTES:**

2011-2021 SGRs include:

BF1-BA1-SPU  
CMX-BA1-SPU  
IHM-BA1-SPU

PJ1-BA1-SPU  
PJM-BA1-SPU  
PO1-BA1-SPU

SBM-BA1-SPU  
SPU-EXT-SPU  
SPU-BA1-SPU

MANAGEMENT UNIT NAME: Dryden Forest (535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

#### FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		SBLOW_MINPR			Silvicultural System:		Clearcut		
Current Condition					Future Condition			Regeneration Standards	
Forest Unit		Ecosite(s)			Forest Unit		Stand Characteristics		Establishment:
SBLOW		Lowland - Hydric, Variable textures (ecosites 126-224)			SBLOW       PLANFU sort = NWSFU cn 'sblow' or NWSFU cn 'oclow'		Sb 82 La 6 Cw 4 Bf 3 Pj 2 Bw 2 Po 1 Avg. Stocking: 0.62 Site Class: 1.8  Low Operability Limit: 80 m3/ha Lowest Operability Age: 85 years.		Species Composition Target: Sp 75 La 5 Cw 2 Pj 2  Target Site Occupancy: 800 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 1600 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 12 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3
Additional Information (avg. area weighted values)					Development Information				
Forest Unit		Species Composition		Age	Stkg	SC		SBLOW-MINPR yield curve:  Wet MINPR land sites. Harvest origin stands.  Natural Yield Curve Builder: Peak 116 m3/ha @ age 135	
SBLOW		Sb 76 La 14 Cw 6 Bw 2 Pj 1 Bf 1 Po 1 Lh 1		101	0.61	2.5			
									Performance:
									(timing and standards for assessment to be determined)

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	None	Natural Seed, CLAAG, Ingress expected	None
Acceptable Alternative Treatments		Tree Length Cut-To-Length	Mechanical	Plant 1200-1600 sph Sb	

**NOTES:**

2011-2021 SGRs include:

OCL-EXT-OCL  
 OCL-BA1-SBL

SBL-EXT-SBL  
 SBL-BA1-SBL

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## FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		SBMX1_MINPR			Silvicultural System:		Clearcut	
Current Condition					Future Condition		Regeneration Standards	
Forest Unit		Ecosite(s)			Forest Unit		Stand Characteristics	
SBMX1 CONMX Secondary: PJM1 SBDOM PJDOM BFDOM		Shallow - Dry to Humid (ecosites 8-28), or  Upland Coarse - Fresh to Moist – Sandy to Coarse Loamy (ecosites 44-76), or  Upland Fine - Fresh to Moist Fine loamy, silty, clayey (ecosites 77-125)			SBMX1   PLANFU sort = NWSFU cn 'sbmx1'		Sb 48 Pj 24 Sw 15 Po 6 Bw 4 Bf 3 Avg. Stocking: 0.45 Site Class: 1.4  Low Operability Limit: 70 m3/ha Lowest Operability Age: 75 years.	
Additional Information (avg. area weighted values)					Development Information			
Forest Unit		Species Composition		Age	Stkg	SBMX1-MINPR yield curve:		
SBMX1		Sb 52 Pj 28 Po 6 Bw 6 Sw3 Bf 3 La 1		90	0.65	Harvest origin stands.		
CONMX		Pj 30 Sb 24 Po 16 Bw 15 Bf 8 Cw 4 Sw 2 Pr 1		75	0.67	Natural Yield Curve Builder: Peak 95 m3/ha @ age 105		
					Establishment: Species Composition Target: Sp 55 Pj 20 Po 5 Bw 3 and (Bf<10), (Po+Bw<20)  Target Site Occupancy: 625 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 1600 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 10 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3			
					Performance:  (timing and standards for assessment to be determined)			

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	None	Natural Seed	Chemical (aerial)
Acceptable Alternative Treatments		Tree Length Cut-To-Length	Manual Mechanical	Plant 1200-1600 sph Sb	None Chemical (ground)

**NOTES:**

2011-2021 SGRs include:

CMX-BA1-SBM  
PJ1-BA1-SBM  
PJM-BA1-SBM

PO1-BA1-SBM  
SBM-EXT-SBM  
SBM-BA1-SBM

SPU-EXT-SBM  
SPU-BA1-SBM

**MANAGEMENT UNIT NAME:** Dryden Forest (535)  
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## FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		SBMX1_MODPR			Silvicultural System:		Clearcut	
Current Condition					Future Condition		Regeneration Standards	
Forest Unit		Ecosite(s)			Forest Unit		Stand Characteristics	
SBDOM Secondary: PJMX1 HRDMW SBMX1 HRDOM PJDOM		Upland Coarse - Fresh to Moist – Sandy to Coarse Loamy (ecosites 44-76), or  Upland Fine - Fresh to Moist Fine loamy, silty, clayey (ecosites 77-125)			SBMX1		Sb 51 Pj 25 Po 7 Sw 6 Bw 6 Bf 4 La 1 Avg. Stocking: 0.65 Site Class: 1.4  Low Operability Limit: 80 m3/ha Lowest Operability Age: 60 years.	
Additional Information (avg. area weighted values)					Development Information			
Forest Unit		Species Composition		Age	Stkg	SC		
SBDOM		Sb 78 Pj 11 Bw 4 Po 3 Bf 2 Sw 1 La 1		92	0.66	1.6		
SBMX1-MODPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 137 m3/ha @ age105						<u>Performance:</u>  (timing and standards for assessment to be determined)		

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	Mechanical	Plant 1200-1600 sph Sb, Pj	None
Acceptable Alternative Treatments		Tree Length Cut-To-Length	Manual None	Natural Seed	Chemical (ground) Chemical (aerial)

**NOTES:**

2011-2021 SGRs include:

IHM-BA1-SBM  
PJ1-BA1-SBM  
PJM-BA1-SBM

PO1-BA1-SBM  
SBM-EXT-SBM  
SBM-BA1-SBM

SPU-EXT-SBM  
SPU-BA1-SBM

MANAGEMENT UNIT NAME: Dryden Forest (535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		SBMX1_MAXPR			Silvicultural System:		Clearcut		
Current Condition					Future Condition			Regeneration Standards	
Forest Unit	Ecosite(s)				Forest Unit	Stand Characteristics		Establishment:	
CONMX PJM1 Secondary: PODOM SBDOM SBMX1 PJM1 BFDOM	Upland Coarse - Fresh to Moist – Sandy to Coarse Loamy (ecosites 44-76), or  Upland Fine - Fresh to Moist Fine loamy, silty, clayey (ecosites 77-125)				SBMX1	Sb 50 Sw 36 Pj 9 Po 3 Bf 1 Bw 1 Avg. Stocking: 0.82 Site Class: 1.7  Low Operability Limit: 80 m3/ha Lowest Operability Age: 55 years.		Species Composition Target: Sp 75 Pj 5 Po 2 Bw 2 and (Bf<10)  Target Site Occupancy: 1000 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 2000 stems/ha  Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m  Assessment Period: 7 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3	
Additional Information (avg. area weighted values)					Development Information				
Forest Unit	Species Composition			Age	Stkg	SC	SBMX1-MAXPR yield curve:  Harvest origin stands.  Natural Yield Curve Builder: Peak 163 m3/ha @ age 105		
CONMX	Pj 30 Sb 24 Po 16 Bw 15 Bf 8 Cw 4 Sw 2 Pr 1			75	0.67	2.0			
PJM1	Pj 54 Sb 29 Po 6 Bw 5 Bf 3 Pr 1 Sw 1			82	0.69	2.1			
							Performance:		
							(timing and standards for assessment to be determined)		

Silvicultural Treatments					
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	Manual	Plant 1200-1600 sph Sb	Chemical (aerial)
Acceptable Alternative Treatments		Tree Length Cut-To-Length	None Manual Chemical	Natural Seed	Chemical (ground) None Cleaning (manual) Cleaning (mechanical)

### NOTES:

2011-2021 SGRs include:

BF1-BA1-SBM  
CMX-BA1-SBM  
PJ1-BA1-SBM

PJM-BA1-SBM  
PO1-BA1-SBM  
SBM-EXT-SBM

SBM-BA1-SBM  
SPU-EXT-SBM  
SPU-BA1-SBM

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-5 POST-HARVEST RENEWAL TRANSITION RULES

		Target Silvicultural Stratum (future PLANFU and YIELD):																							
Pre-harvest Forest Unit	Regeneration Type	BFDOM		BWDOM		CONMX		HRDMW		HRDOM		PJDOM		PJM1		PODOM		PRWMX		SBDOM		SBLOW		SBMX1	
		%	YIELD	%	YIELD	%	YIELD	%	YIELD	%	YIELD	%	YIELD	%	YIELD	%	YIELD	%	YIELD	%	YIELD	%	YIELD	%	YIELD
BFDOM	Natural					12%	MODPR	38%	MODPR	12%	MODPR					38%	MODPR								
	Plant					21%	MODPR							32%	MINPR					47%	MODPR				
	Seed					26%	MODPR							74%	MODPR										
BWDOM	Natural	3%	MODPR	19%	MODPR			25%	MODPR	35%	MODPR					17%	MODPR								
	Plant					21%	MODPR	25%	MODPR			35%	MODPR	16%	MODPR	22%	MODPR						6%	MODPR	
	Seed					25%	MODPR	25%	MODPR					50%	MODPR										
CONMX	Natural					4%	MINPR	39%	MODPR	20%	MODPR					37%	MODPR								
	Plant					13%	MINPR					5%	MINPR	40%	MAXPR					21%	MODPR		21%	MAXPR	
	Seed					5%	MINPR					59%	MODPR	36%	MODPR										
HRDMW	Natural	9%	MODPR			6%	MINPR	14%	MODPR	4%	MODPR					13%	MINPR								
	Plant					13%	MINPR					19%	MODPR	10%	MODPR			2%	MAXPR	8%	MINPR			7%	MODPR
	Seed					24%	MODPR					34%	MODPR	16%	MAXPR										
HRDOM	Natural	10%	MODPR					22%	MODPR	13%	MODPR					55%	MODPR								
	Plant							18%	MODPR											39%	MODPR		44%	MODPR	
	Seed																								
PJDOM	Natural	11%	MODPR			45%	MODPR			11%	MODPR					25%	MODPR			9%	MODPR				
	Plant					17%	MODPR					34%	MODPR	20%	MODPR					9%	MODPR		6%	MODPR	
	Seed					12%	MODPR					77%	MODPR	11%	MODPR										
PJM1	Natural	16%	MODPR			24%	MODPR	31%	MODPR	7%	MODPR			6%	MINPR	17%	MODPR								
	Plant					28%	MODPR	9%	MODPR			18%	MODPR	24%	MODPR								10%	MODPR	
	Seed					6%	MODPR					65%	MODPR	29%	MODPR										
PODOM	Natural	10%	MODPR			4%	MODPR	7%	MODPR	17%	MODPR					63%	MODPR								
	Plant					20%	MODPR	25%	MODPR			16%	MODPR	23%	MODPR								17%	MAXPR	
	Seed																								
PRWMX	Natural	8%	MODPR			30%	MINPR	46%	MODPR	11%	MODPR					5%	MODPR								
	Plant											4%	MODPR					89%	MODPR	7%	MODPR				
	Seed																								
SBDOM	Natural	10%	MODPR			24%	MODPR	9%	MODPR							35%	MODPR			23%	MODPR				
	Plant					11%	MODPR					19%	MODPR	15%	MODPR					25%	MODPR		30%	MODPR	
	Seed					12%	MODPR					65%	MODPR	12%	MODPR					11%	MODPR				
SBLOW	Natural					13%	MINPR														87%	MINPR			
	Plant					8%	MODPR														92%	MINPR			
	Seed																								
SBMX1	Natural			12%	MODPR	16%	MODPR	32%	MODPR	22%	MODPR					18%	MODPR								
	Plant					26%	MODPR					13%	MODPR	45%	MODPR					10%	MODPR		6%	MODPR	
	Seed					7%	MODPR					74%	MODPR	19%	MODPR										

**YIELD Definitions:** See Supplementary Documentation B - Analysis Package for a description of YIELD definitions (Section 5.2.3) and post-harvest renewal transition development methodology (Section 6.2.3.3).

- MINPR** Minimum Productivity - Harvested (managed) forest stands that have lower, minimum site productivity (MINPR) for the production of wood fibre. All areas with minimum site qualities that do not have the capability for full stocking due to site limitations.
- MODPR** Moderate Productivity - Harvested (managed) forest stands that have moderate site productivity (MODPR) for the production of wood fibre. Stands with moderate stocking (less than full stocking or with over stocked conditions).
- MAXPR** Maximum Productivity - Harvested (managed) forest stands that have better site productivity (MAXPR) for the production of wood fibre. After harvest, these areas have generally received one or more renewal treatments to promote prompt regeneration.

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
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## FMP-6 PROJECTED FOREST CONDITION FOR THE CROWN PRODUCTIVE FOREST

Forest Unit	Age Class	BMI	Projected Area (ha)					
		2021	2021	2041	2061	2081	2101	2121
BFDOM	0-20	620	518	48	137	255	25	-
	21-40	322	344	518	48	137	255	25
	41-60	828	828	344	518	48	137	255
	61-80	471	471	727	318	517	48	137
	81-100	645	645	414	673	302	518	56
	101-120	620	620	545	992	823	425	824
	121-140	30	30	839	543	1,722	1,097	763
	141+	-	-	21	634	1,226	3,101	3,908
	<b>Subtotal</b>	3,536	3,455	3,456	3,863	5,031	5,607	5,968
BWDOM	0-20	144	141	123	110	180	185	253
	21-40	270	267	141	123	110	180	185
	41-60	893	893	266	132	118	93	138
	61-80	376	376	834	129	37	63	22
	81-100	604	604	300	585	101	6	-
	101-120	45	45	500	270	359	32	6
	121-140	-	-	36	295	223	197	20
	141+	-	-	-	28	216	252	237
	<b>Subtotal</b>	2,332	2,326	2,200	1,673	1,343	1,009	861
CONMX	0-20	2,583	2,134	2,107	942	390	157	87
	21-40	2,938	3,135	2,134	2,107	942	390	157
	41-60	4,708	4,671	3,063	1,974	2,107	913	295
	61-80	1,742	1,779	3,685	1,807	1,819	1,960	525
	81-100	3,712	3,712	1,070	2,328	1,250	1,722	1,875
	101-120	3,781	3,780	2,430	727	1,427	1,202	1,722
	121-140	219	219	2,658	1,464	469	1,210	634
	141+	134	134	267	1,927	1,424	2,062	2,868
	<b>Subtotal</b>	19,818	19,563	17,414	13,275	9,827	9,614	8,162
HRDMW	0-20	1,826	1,555	297	827	1,192	1,627	2,307
	21-40	1,724	1,841	1,555	297	827	1,192	1,627
	41-60	2,635	2,645	1,829	1,514	260	786	1,011
	61-80	2,291	2,290	2,193	900	750	123	206
	81-100	3,651	3,586	1,563	1,136	265	164	-
	101-120	933	997	2,729	1,168	470	123	156
	121-140	14	14	709	2,017	806	322	125
	141+	-	-	-	672	1,321	1,865	1,584
	<b>Subtotal</b>	13,074	12,928	10,876	8,531	5,891	6,204	7,016
HRDOM	0-20	1,620	1,290	1,094	1,093	853	1,669	2,347
	21-40	868	920	1,290	1,094	1,093	853	1,669
	41-60	2,503	2,500	908	1,146	1,022	1,009	762
	61-80	2,345	2,317	2,077	650	760	321	349
	81-100	3,149	3,181	1,547	1,464	546	450	117
	101-120	1,185	1,185	2,352	1,090	1,206	525	441
	121-140	22	22	958	1,434	770	1,026	479
	141+	-	-	-	463	1,315	1,241	1,597
	<b>Subtotal</b>	11,694	11,414	10,228	8,433	7,566	7,094	7,763

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

**FMP-6 PROJECTED FOREST CONDITION FOR THE CROWN PRODUCTIVE FOREST**

Forest Unit	Age Class	BMI	Projected Area (ha)					
		2021	2021	2041	2061	2081	2101	2121
PJDOM	0-20	5,858	5,420	8,980	7,422	8,751	11,621	13,601
	21-40	4,573	5,024	5,420	8,980	7,422	8,751	11,621
	41-60	7,978	8,138	4,966	5,039	8,938	7,014	6,901
	61-80	694	675	6,920	2,719	3,075	3,798	1,828
	81-100	3,128	3,147	476	5,186	1,293	699	222
	101-120	2,076	2,075	1,733	267	2,986	1,041	618
	121-140	73	73	760	1,147	122	2,827	992
	141+		-	20	434	1,068	1,034	2,867
	<b>Subtotal</b>	24,380	24,552	29,274	31,193	33,655	36,785	38,649
PJM1	0-20	2,893	2,749	5,362	6,478	4,597	2,651	5,217
	21-40	1,316	1,355	2,749	5,362	6,478	4,597	2,651
	41-60	1,859	1,846	1,355	2,714	5,347	6,328	4,330
	61-80	880	857	1,214	844	1,399	2,629	3,114
	81-100	2,795	2,789	445	537	303	420	637
	101-120	2,994	3,009	1,549	288	93	180	356
	121-140		27	1,131	951	98	111	655
	141+		-	-	834	1,026	557	889
	<b>Subtotal</b>	12,737	12,632	13,806	18,007	19,342	17,473	17,849
PODOM	0-20	3,580	3,659	3,571	4,271	4,252	3,868	3,154
	21-40	1,640	1,901	3,659	3,571	4,271	4,252	3,868
	41-60	1,844	1,843	1,901	3,318	3,567	4,092	3,883
	61-80	1,791	1,790	1,162	1,364	2,488	1,245	1,772
	81-100	2,352	2,351	777	684	592	1,193	77
	101-120	325	324	1,283	536	206	367	1,006
	121-140		-	218	547	142	67	225
	141+		-	-	-	-	-	-
	<b>Subtotal</b>	11,531	11,868	12,571	14,290	15,519	15,084	13,985
PRWMX	0-20	55	54	206	394	307	271	192
	21-40	183	181	54	206	394	307	271
	41-60	59	59	181	54	206	394	307
	61-80	96	96	59	181	54	201	394
	81-100	81	81	96	54	131	20	81
	101-120	236	229	61	75	29	64	1
	121-140	35	42	218	60	69	14	13
	141+		-	37	211	222	211	225
	<b>Subtotal</b>	745	743	913	1,235	1,412	1,482	1,484
SBDOM	0-20	1,792	1,686	363	271	338	269	48
	21-40	260	404	1,686	363	271	338	269
	41-60	232	223	404	1,686	363	271	338
	61-80	862	836	223	404	1,677	363	271
	81-100	2,436	2,471	529	155	293	769	223
	101-120	2,901	2,901	1,203	258	97	226	298
	121-140	203	203	1,428	703	124	97	178
	141+	10	10	260	1,497	2,609	3,528	4,498
	<b>Subtotal</b>	8,697	8,734	6,096	5,338	5,773	5,861	6,124

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-6 PROJECTED FOREST CONDITION FOR THE CROWN PRODUCTIVE FOREST

Forest Unit	Age Class	BMI	Projected Area (ha)					
		2021	2021	2041	2061	2081	2101	2121
SBLOW	0-20	798	774	2,903	2,689	2,489	1,927	828
	21-40	221	240	774	2,903	2,689	2,489	1,927
	41-60	361	361	240	774	2,903	2,689	2,489
	61-80	1,208	1,187	361	240	774	2,903	2,689
	81-100	3,113	3,134	1,159	348	240	774	2,903
	101-120	6,568	6,567	2,471	881	347	78	74
	121-140	1,326	1,310	4,996	1,793	635	66	34
	141+	1,006	1,022	1,677	4,939	4,479	3,620	3,602
	<b>Subtotal</b>	14,600	14,595	14,580	14,567	14,555	14,546	14,545
SBMX1	0-20	2,080	2,035	3,638	2,387	2,055	1,519	1,251
	21-40	294	303	2,035	3,638	2,387	2,055	1,519
	41-60	520	481	303	2,035	3,638	2,387	2,055
	61-80	789	783	438	303	1,975	3,037	1,990
	81-100	2,044	2,069	511	276	173	618	477
	101-120	2,867	2,888	1,132	309	188	154	298
	121-140	85	85	1,540	755	150	71	136
	141+	-	-	174	882	366	213	668
	<b>Subtotal</b>	8,680	8,643	9,772	10,586	10,933	10,055	8,395
<b>Total All Forest Units</b>		131,823	131,455	131,184	130,992	130,846	130,813	130,801

NOTES: Data from Long-term Management Direction: LTMD\_10

Area data reported for the beginning of each 20-year period.

Base Model Inventory (BMI 2021) area is provided as comparative information, however land base projections from Patchworks strategic modelling is the source of information for Table FMP-6.

Total productive forest area in Year 2021 is comparable to Table FMP-1 and the BMI. Patchworks reconciled land base is 369 ha lower than BMI area. Patchworks includes estimated roads and landings netdown (estimated as non-productive area) for forecast harvest depletions to Plan Start 2021. Minor variance by forest unit results from projected renewal treatments on forecast harvest depletions and recent unsurveyed treated areas.

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)

PLAN PERIOD: April 1, 2021 to March 31, 2031

#### FMP-7 PROJECTED HABITAT FOR SELECTED WILDLIFE SPECIES

Species	Habitat Type	Habitat Area (ha)					
		2021	2041	2061	2081	2101	2121
Moose Moose Moose	Browse Producing Forest Hardwood/Mixedwood Forest Mature Conifer Forest	Moose habitat has been considered and planned for at the Moose Emphasis Area (MEA) level, and not the management unit level. See Table FMP-10 for current and projected moose habitat in Rumac MEA (by habitat type).					

#### NOTE:

Moose was the only selected wildlife species in the 2021 FMP. Habitat for other species that inhabit the Dryden Forest are considered through the management of forest composition, age structure and landscape pattern required by management indicators in accordance with the *Forest Management Guide for Boreal Landscapes* (BLG). See Table FMP-10 for Boreal Landscape Guide indicator projections.

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)

PLAN PERIOD: April 1, 2021 to March 31, 2031

**FMP-8 PROJECTED AVAILABLE HARVEST AREA BY FOREST UNIT**

Forest Unit	Total Available Harvest Area (ha) for First 10-Year Period of Each 20-Year Period					
	2021	2041	2061	2081	2101	2121
BFDOM	152	329	463	118	183	111
BWDOM	88	218	230	202	171	33
CONMX	1,856	2,348	2,475	324	484	370
HRDMW	1,235	1,641	2,008	957	463	655
HRDOM	1,164	1,080	638	874	504	505
PJDOM	2,184	2,429	3,178	3,801	6,169	5,033
PJMX1	1,849	1,183	1,019	2,132	2,361	2,557
PODOM	1,408	964	1,401	1,664	2,193	1,813
PRWMX	34	27	26	83	109	197
SBDOM	1,762	1,080	448	479	527	111
SBLOW	1,493	1,354	1,261	1,087	248	835
SBMX1	1,544	875	280	696	1,468	1,064
<b>Total</b>	14,769	13,528	13,428	12,416	14,881	13,285

**NOTE:**

Data derived from results of Patchworks LTMD\_10.

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

**FMP-9 PROJECTED AVAILABLE HARVEST VOLUME BY SPECIES GROUP AND BROAD SIZE GROUP**

Species Group		Available Harvest Volume (cubic metres) Total for First 10-year Period of Each 20-Year Period					
		2021	2041	2061	2081	2101	2121
<b><u>Net Merchantable Volume (NMV):</u></b>							
Spruce-Pine-Fir	Small	1,165,086	998,017	994,182	1,092,658	1,450,490	1,258,580
Spruce-Pine-Fir	Large	3,326	15,837	20,224	9,003	5,370	3,515
Spruce-Pine-Fir	Subtotal	1,168,411	1,013,854	1,014,405	1,101,660	1,455,861	1,262,095
Poplar	Small	376,126	327,269	340,335	357,776	389,284	323,107
Poplar	Large	8,404	18,436	23,585	15,466	13,762	3,310
Poplar	Subtotal	384,531	345,704	363,921	373,243	403,045	326,417
White Birch	Small	92,133	89,361	75,679	54,214	49,141	35,913
White Birch	Large	889	3,646	4,026	3,373	1,100	382
White Birch	Subtotal	93,022	93,007	79,705	57,587	50,241	36,296
<b>NMV TOTAL All Species</b>	<b>Small</b>	1,667,585	1,444,919	1,436,319	1,532,177	1,906,131	1,643,210
<b>NMV TOTAL All Species</b>	<b>Large</b>	13,592	38,773	48,800	31,798	23,654	11,266
<b>NMV TOTAL All Species</b>		1,681,176	1,483,691	1,485,119	1,563,975	1,929,785	1,654,478
<b><u>Defect (Branches, Twigs, Leaves, Bark):</u></b>							
Spruce-Pine-Fir		374,405	312,681	277,740	277,273	342,731	295,295
Poplar		290,438	264,913	289,398	303,585	320,388	234,215
White Birch		55,054	56,077	51,755	38,882	27,141	20,174
<b>DEFECT TOTAL All Species</b>		733,568	646,615	630,689	628,530	692,124	554,204
<b><u>Undersized (Top Wood)</u></b>							
Spruce-Pine-Fir		193,621	177,341	158,701	162,121	203,590	190,144
Poplar		98,885	81,966	87,265	105,708	115,738	99,875
White Birch		13,013	12,824	11,242	9,407	6,748	5,327
<b>UNDERSIZED TOTAL All Species</b>		309,587	276,034	260,757	279,880	326,659	296,703
<b>TOTAL AVAILABLE HARVEST VOLUME</b>		2,724,331	2,406,340	2,376,565	2,472,385	2,948,568	2,505,385

**NOTE:**

Data derived from results of Patchworks LTMD\_10. Volume broad size group is applied to net merchantable volumes only (not defect or undersize volumes).

White Pine-Red Pine, Other Conifer, and Other Hardwood are incidental on the Dryden Forest, and are not considered major harvest volume Species Groups.

Volumes associated with these incidental species are included in the TOTAL All Species and GRAND TOTAL volumes.

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)

PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-10: Assessment of Objective Achievement

Strategic modelling projections based on: LTMD\_10

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (short-term)	LTMD - Projections			Assessment
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
<b>1. Forest Composition:</b>  To emulate natural forest composition and age classes which includes old growth forest.	<b>(1a) Landscape Class Area:</b>	(ha)	(ha)	(1) Proposed LTMD (2) Completion of operational planning (4) Annual Reports for Year 5 and final year of plan implementation					<b>PARTIALLY ACHIEVED:</b> 3 of 4 classes meet desirable levels aligned with BLG milestones. ML Balsam achieves the desirable level in the medium-term. ML Lowland Conifer consistently moves towards the desirable level through the long-term (is above desirable level all periods) as a result of inventory classification. ML Upland Conifer maintains the desirable level all periods. ML Hardwood decreases towards then maintains desirable level in 80 years onwards.
	Mature and late balsam fir	1,765	2,108 - 3,426		increase	1,973	2,190	2,129	
	Mature and late lowland	12,727	5,238 - 7,016		decrease	11,725	10,498	7,959	
	Mature and late upland	31,496	20,088 - 40,910		maintain	25,300	21,490	23,246	
	Mature and late hardwood	19,101	8,472 - 12,731		decrease	18,835	19,347	12,140	
	<b>(1b) Old Growth Forest Area:</b>	(ha)	(ha)	(1) Proposed LTMD (2) Completion of operational planning (4) Annual Reports for Year 5 and final year of plan implementation					<b>ACHIEVED:</b> OGUpI_Con, OG Mix_Hwd and OG Pr_Pw increase then maintain desirable levels from 2031 onwards. OG Low_Con moves towards and achieves desirable level in 60 years (result of inventory classification, minor decrease within 1% in 70-80 years). Overall indicator is achieved.
	Lowland Conifer	509	3,498 - 4,916		increase	873	1,764	3,540	
	Upland Conifer	5,956	6,765 - 14,652		increase	9,260	9,403	7,086	
	Mixedwood and Hardwood	3,464	9,913 - 17,843		increase	9,817	13,252	10,381	
	White Pine and Red Pine	12	increase		increase	12	25	234	
	<b>(1c) All ages red pine and white pine forest unit area (ha)</b>	742	increase towards 7,900 ha, while not falling below the 1995 level of 578 ha.	(1) Proposed LTMD (2) Completion of operational planning (4) Annual Reports for Year 5 and final year of plan implementation	increase	842	912	1,483	<b>ACHIEVED:</b> Area increases for next 100 years, desirable level met. Achievement of estimated 7,900 ha is not possible for approx. 300+ years. Operational strategies will continue 100+ years to ensure continued increase.
	<b>(1d) Upland Jack Pine and Spruce: (ha)</b> PJDOM+PJMx1+SBDOM+SBMx1	54,554	68,831 - 74,915 ha	(1) Proposed LTMD (2) Completion of operational planning (4) Annual Reports for Year 5 and final year of plan implementation	increase	56,609	59,259	69,350	<b>ACHIEVED:</b> Target level is achieved with steady movement toward achieving desirable level in 50 years.
	<b>(1e) Young Forest Area: (ha)</b> All Plan Forest Units <36 years	36,525	31,801 - 64,374 ha	(1) Proposed LTMD (2) Completion of operational planning	maintain	43,599	45,636	50,990	<b>ACHIEVED:</b> Desirable level is achieved at Plan Start and maintained through the planning horizon.

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)

PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-10: Assessment of Objective Achievement

Strategic modelling projections based on: LTMD\_10

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (short-term)	LTMD - Projections			Assessment
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
<b>2. Landscape Pattern:</b>  To emulate natural disturbance and landscape patterns characteristic of the Dryden Forest.	<b>(2a) Texture of mature and old forest (hexagon frequency distribution by mean proportion):</b> 500 ha Hexagon Scale:		Move towards mean, with a focus on the two concentration classes > 60%. Mean:	(1) Proposed LTMD (2) Completion of operational planning (4) Annual Reports for Year 5 and final year of plan implementation	Same as desirable level				<b>NOT ACHIEVED:</b> Mature and Old Forest texture is below desirable level at Plan Start, and is projected to decrease during this plan period. A large proportion of the old forest that currently stands is very old, starting to fall down, and succeed to balsam fir. The length of time that these patches could maintain old forest into the future was carefully considered in the strategy. Strategies are being implemented on the Dryden Forest to defragment and also to retain/avoid harvest in specific larger patches of currently mature/old forest, as well as avoiding areas that will become mature/old in the next 20 years to generate future large patches of even-aged young forest (acceptable short-term result). Results of the defragmentation strategy are evident in the short-term with the reduction of the proportion of the 40-60% concentration class on the Dryden Forest. Achievement in future FMPs is expected to improve.
	1 - 20% concentration	11%	47%			15%			
	21 - 40% concentration	25%	14%			35%			
	41 - 60% concentration	37%	9%			31%			
	61 - 80% concentration	19%	8%			15%			
	81 - 100% concentration	8%	22%			4%			
	5,000 ha Hexagon Scale:								
	1 - 20% concentration	11%	35%			13%			
	21 - 40% concentration	12%	22%			28%			
	41 - 60% concentration	65%	18%			56%			
	61 - 80% concentration	12%	16%			3%			
	81 - 100% concentration	0%	9%			0%			
							N/A	N/A	
	<b>(2b) Young forest patch size: (frequency by size class ha)</b> < 100	67%	65%	(1) Proposed LTMD (2) Completion of operational planning (4) Annual Reports for Year 5 and final year of plan implementation	Same as desirable level	62%			<b>PARTIALLY ACHIEVED:</b> Certain size classes move towards the mean, others move away, and the remaining classes do not change significantly from Plan Start proportions. Overall young forest pattern by size class generally approximates the desirable level at Plan Start and through implementation of planned activities in this FMP.
	101-250	22%	13%			21%			
	251-500	8%	8%			10%			
	501-1,000	2%	5%			3%			
	1,001-2,500	1%	5%			3%			
	2,501-5,000	1%	2%			1%			
	5001-10,000	0%	1%			0%			
	10,001-20,000	0%	0%			0%			
	>20,000	0%	0%			0%			
							N/A	N/A	
<b>3. Wildlife Habitat:</b>  To maintain forest function for wildlife habitat in the Dryden Forest.	<b>(3a) Habitat Proportion by Moose Emphasis Area:</b> <b>Rumac MEA:</b>			(1) Proposed LTMD (2) Completion of operational planning					<b>PARTIALLY ACHIEVED:</b> Browse exceeds desirable range at Plan Start. Browse target level was relaxed to allow movement toward desirable level over 40 years. Mature conifer and mixedwood habitats acceptable (generally with desirable ranges throughout planning horizon).
	Browse Producing Forest	38%	5-30%			decrease	44%	45%	
	Hardwood/Mixedwood Forest	38%	20-55%			maintain	34%	35%	
	Mature Conifer Forest	25%	15-35%			maintain	23%	20%	

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)

PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-10: Assessment of Objective Achievement

Strategic modelling projections based on: LTMD\_10

						LTMD - Projections			
Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (short-term)	Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	Assessment
	(3b) Frequency of Young Forest Patch Size for Rumac MEA		100% of young forest patches in the <100, 101-250, and 251-500 ha size classes	(1) Proposed LTMD (2) Completion of operational planning	Move towards or maintain the young forest patch size frequency for the smallest three size classes.				<b>NOT ACHIEVED:</b> Through implementation of LTMD preferred harvest areas, young forest patches less than 500 ha is projected to move from 98% to 93% (away from the desirable level of 100%). The harvest strategy in the Rumac is to maintain a high proportion of small, young forest patches to maximize edge. This strategy and young forest patch size projected achievement may be improved through operational planning and harvest block layout during 2021 FMP development.
	< 100 ha	69%				61%	N/A	N/A	
	101-250 ha	20%				23%	N/A	N/A	
	251-500 ha	9%				9%	N/A	N/A	
	501-1,000 ha	2%				4%	N/A	N/A	
	1,001-2,500 ha	0%				2%	N/A	N/A	
	2,501-5,000 ha	0%				0%	N/A	N/A	
	5001-10,000 ha	0%				0%	N/A	N/A	
	10,001-20,000 ha	0%				0%	N/A	N/A	
	>20,000 ha	0%				0%	N/A	N/A	
<b>4. Forest Access:</b>  To provide road-based access, land use and recreational opportunities through road maintenance and development of access to areas planned for harvest within the plan period.	(4a) Kilometres of primary and branch road per square kilometre of Crown productive forest.	0.35 km primary and branch SFL roads per km2 Crown productive forest	0.35 - 0.48 km primary and branch SFL roads per km2 Crown productive forest	(4) Annual Reports for Year 5 and final year of plan implementation	maintain within desirable level	TBD Stage 3	N/A	N/A	(future assessment after plan implementation)
	(4b) Kilometres of operational road per square kilometre of Crown productive forest.	0.31 km operational SFL roads per km2 Crown productive forest	0.25 - 0.46 km operational roads per km2 Crown productive forest	(4) Annual Reports for Year 5 and final year of plan implementation	maintain within desirable level	TBD Stage 3	N/A	N/A	(future assessment after plan implementation)
<b>5. Wood Supply:</b>  To provide a predictable and continuous supply of wood to the forest products industry from the Dryden Forest.	(5a) Area of Managed Crown forest available for timber production (ha)	111,784	Maintain a minimum of 111,000 ha	(4) Annual Reports for Year 5 and final year of plan implementation		111,646	111,515	111,132	(future assessment after plan implementation, but estimated projections are good.)
	(5b) Long-term projected available harvest area (ha) (all Forest Units combined)	14,766	Highest long-term AHA while balancing other plan objectives	(1) Proposed LTMD	Same as desirable level.	14,193	13,507	14,555	<b>ACHIEVED:</b> Harvest area projected through time to achieve harvest volumes and balanced objective achievement.
	(5c) Long-term projected available harvest volume by major species group (m³ / year).	Annual Harvest Volume:	Highest long-term harvest volumes while balancing other plan objectives (reported by species group).	(1) Proposed LTMD	Same as desirable level.				<b>ACHIEVED:</b> Harvest volume projected through time to achieve harvest volumes, manage harvest volume variation between FMPs, and balanced objective achievement through the planning horizon.
	SPF	116,841				105,147	101,385	140,235	
	PO	38,453				37,991	34,570	36,273	
	BW	9,302				9,302	9,301	4,270	
	TOTAL	168,118				155,402	148,369	165,448	
	(5d) Long-term projected available harvest volume by broad size (m³/year).	Annual Harvest Volume:	Maintain similar size distribution as 2021 Plan Start	(1) Proposed LTMD	Same as desirable level.				<b>ACHIEVED:</b> The proportion of harvest volume by broad size groups is calculated to be similar (same or greater proportion of "large" sized volume) throughout planning horizon, as compared to Plan Start.
	Small	166,759				151,363	144,492	164,321	
Large	1,359	4,039				3,877	1,127		
TOTAL	168,118	155,402				148,369	165,448		

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)

PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-10: Assessment of Objective Achievement

Strategic modelling projections based on: LTMD\_10

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (short-term)	LTMD - Projections			Assessment
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
	<b>(5e) Actual Harvest Area as Percentage of Planned, by forest unit.</b>	Annual Harvest Area (ha):	Percentage of Planned Harvest Area Actually Harvested:	(4) Annual Reports for Year 5 and final year of plan implementation		N/A	N/A	N/A	(future assessment after plan implementation)
	BFDOM	152	100%		min. 90%				
	BWDOM	88	100%		min. 95%				
	CONMX	1,856	100%		min. 95%				
	HRDMW	1,235	100%		min. 95%				
	HRDOM	1,164	100%		min. 95%				
	PJDOM	2,184	100%		min. 95%				
	PJMX1	1,849	100%		min. 95%				
	PODOM	1,408	100%		min. 95%				
	PRWMX	34	N/A		N/A				
	SBDOM	1,762	100%		min. 95%				
	SBLow	1,493	100%		min. 85%				
	SBMX1	1,544	100%		min. 95%				
	TOTAL	14,769							
	<b>(5f) Actual Harvest Volume as Percentage of Planned, by major species group.</b>	Annual Harvest Volume:	Major species groups:	(4) Annual Reports for Year 5 and final year of plan implementation		N/A	N/A	N/A	(future assessment after plan implementation)
	SPF	116,841	100%		min. 90%				
	PO	38,453	100%		min. 90%				
	BW	9,302	100%		min. 90%				
	TOTAL	168,118							
<b>6. First Nation Engagement:</b>  To engage during plan development First Nation and Métis communities in or adjacent to the Dryden Forest, as well as individual Indigenous peoples who live off the reserve but continue to have traditional ties to the Dryden Forest.	<b>(6a) Feedback on effectiveness of engagement from First Nation and Métis communities that participated in FMP development</b>	TBD Stage 4	100% of First Nation and Métis communities that participated during plan production to provide feedback on the effectiveness of their engagement.	(3) Draft Plan	Same as desirable level	N/A	N/A	N/A	(future assessment at Draft Plan stage)
	<b>(6b) Opportunities for involvement of First Nation and Métis communities in plan development, background information and values identification</b>	TBD Stage 4	100% of First Nation and Métis communities provided opportunities for involvement in plan development, background information and values identification	(3) Draft Plan	Same as desirable level	N/A	N/A	N/A	(future assessment at Draft Plan stage)
<b>7. LCAC Engagement:</b>  To have the Local Citizens' Advisory Committee (LCAC) effectively participate in the development of the management plan.	<b>(7a) Local Citizens' Advisory Committee's self-evaluation of its effectiveness in plan development.</b>	TBD Stage 4	LCAC Effectiveness survey results indicate at least 80% effectiveness in the development of the FMP.	(3) Draft Plan	LCAC Effectiveness survey results indicate at least 70% effectiveness in the development of the FMP.	N/A	N/A	N/A	(future assessment at Draft Plan stage)

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)

PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-10: Assessment of Objective Achievement

Strategic modelling projections based on: LTMD\_10

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (short-term)	LTMD - Projections			Assessment
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
<b>8. Forest Renewal:</b>  To effectively regenerate harvest areas consistent with the regeneration standards outlined in the Silvicultural Ground Rules.	<b>(8a) Percent of harvested forest area assessed as successfully established, by forest unit</b>	N/A	100% of harvested area, eligible for establishment assessment, successfully meeting SGR establishment standards (by forest unit)	(4) Annual Reports for Year 5 and final year of plan implementation	Minimum of 95% of harvested area, successfully meeting SGR establishment standards (by forest unit)	N/A	N/A	N/A	(future assessment after plan implementation)
	<b>(8b) Planned and actual percent of harvest area treated by broad treatment type.</b>	Planned Renewal Area as a Percentage of Harvest Area, by Broad Treatment Type	Actual Renewal Area as a Percentage of Planned Harvest, by broad treatment type	(4) Annual Reports for Year 5 and final year of plan implementation	Minimum of 80% of the actual harvest area treated by the planned broad treatment type				(future assessment after plan implementation)
	Natural	25%	Min. 90%			N/A	N/A	N/A	
	Plant	47%	Min. 90%			N/A	N/A	N/A	
	Seed	28%	Min. 90%			N/A	N/A	N/A	
	<b>(8c) Planned and actual percent of area successfully regenerated to the target forest unit, by forest unit.</b>	N/A	Minimum of 90% of the actual harvested area successfully regenerated to the target forest unit, by forest unit.	(4) Annual Reports for Year 5 and final year of plan implementation	Minimum of 70% of the actual harvested area successfully regenerated to the target forest unit, by forest unit.	N/A	N/A	N/A	(future assessment after plan implementation)
<b>9. Forest Values:</b>  To implement forestry operations in a manner that minimizes negative impacts on all identified resource users, and protects all identified values.	<b>(9a) Percent of forest operation inspections in non-compliance, by activity and remedy type.</b>	N/A	0% of FOIP inspections reported as non-compliant by activity and remedy type.	(4) Annual Reports for Year 5 and final year of plan implementation	Maximum 5% of FOIP inspections reported as non-compliant by activity and remedy type.	N/A	N/A	N/A	(future assessment after plan implementation)
<b>10. Healthy Ecosystems:</b>  To maintain productivity of soil function, and to protect water quality and fisheries habitat where forest management activities occur in the Dryden Forest.	<b>(10a) Compliance with management practices that prevent, minimize or mitigate site damage (% of inspections in non-compliance, by remedy type).</b>	N/A	0% of FOIP inspections reported as non-compliant with management practices that prevent, mitigate, or minimize site damage (by activity and remedy type).	(4) Annual Reports for Year 5 and final year of plan implementation	Maximum 5% of FOIP inspections reported as non-compliant with management practices that prevent, mitigate, or minimize site damage (by activity and remedy type).	N/A	N/A	N/A	(future assessment after plan implementation)

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)

PLAN PERIOD: April 1, 2021 to March 31, 2031

FMP-10: Assessment of Objective Achievement

Strategic modelling projections based on: LTMD\_10

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (short-term)	LTMD - Projections			Assessment
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
	(10b) Compliance with management practices that protect water quality and fish habitat (% of inspections in non-compliance, by remedy type).	N/A	0% of FOIP inspections reported as non-compliant with management practices that protect water quality and fish habitat (by activity and remedy type).	(4) Annual Reports for Year 5 and final year of plan implementation	Maximum 5% of FOIP inspections reported as non-compliant with management practices that protect water quality and fish habitat (by activity and remedy type).	N/A	N/A	N/A	(future assessment after plan implementation)

## FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

### List of AOCs in order of appearance in this table:

Locations of AOCs: The spatial locations of areas of concern are included in the forest management plan in the digital feature classes of electronic information to be viewed with the planned harvest layer of information. The (a) area of concern identifier, and (b) the area of concern type are identified.

Cultural & Heritage	
<b><u>A01</u></b>	Archaeological Potential Areas
<b><u>A02</u></b>	Cultural or Heritage Value
<b><u>A03</u></b>	Amesdale Cemetery
<b><u>C01</u></b>	Trap cabin
Mammal Dens & Mineral Lick	
<b><u>D01</u></b>	Occupied Black Bear Den (Dens known or suspected to contain one or more hibernating black bears. Applies to occupied dens known before or found during operations)
<b><u>D02</u></b>	Occupied Grey Fox Den
<b><u>D03</u></b>	Occupied Cougar Den
<b><u>D04</u></b>	Occupied Wolf Den (A suitable den known or suspected to have been occupied by wolves at least once in the past 5years. Applies to dens known before or found during operations.
<b><u>D05</u></b>	Wolverine dens (natal and maternal dens)
<b><u>M01</u></b>	Mineral Lick (Natural mineral licks known or encountered during operation. Salt accumulated along roadways excluded.)
<b><u>M02</u></b>	Moose Thermal Summer Patches
<b><u>M03</u></b>	Moose Winter Cover Stands
<b><u>M04</u></b>	Moose Aquatic Feeding Area
Bird & Other Nests	
<b><u>N01</u></b>	Bald eagle primary nest
<b><u>N03</u></b>	Bald eagle inactive nest

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<b><u>N04</u></b>	Osprey primary nest
<b><u>N06</u></b>	Osprey inactive nest
<b><u>N07</u></b>	Active Great Blue Heron Colonies
<b><u>N08</u></b>	Inactive Great Blue Heron colonies
<b><u>N09</u></b>	Active colonies of Bonaparte's Gull
<b><u>N10</u></b>	Active large colonies of bank swallows
<b><u>N11</u></b>	Primary nest of great grey owl, northern goshawk or red- shouldered hawk
<b><u>N12</u></b>	Alternate nest of great grey owl, northern goshawk or red- shouldered hawk
<b><u>N13</u></b>	Inactive nest of great grey owl, northern goshawk or red- shouldered hawk
<b><u>N15</u></b>	Stick nests occupied by barred owl, broad-winged hawk, common raven, Cooper's hawk, great horned owl, merlin, red-tailed hawk, or sharp-shinned hawk
<b><u>N16</u></b>	Nests/ communal roosts in cavities occupied by American kestrel, barred owl, boreal owl, eastern screech-owl, great horned owl, northern hawk owl or northern saw-whet owl
<b><u>N17</u></b>	Ground nests occupied by northern harrier, short-eared owl, or turkey vulture
<b><u>N20</u></b>	Whip-poor-will Nesting Sites
<b><u>N22</u></b>	Bat Roosting Site
<b><u>N23</u></b>	Common Nighthawk Nesting Habitat
<b><u>N24</u></b>	Barn Swallow Nesting Sites
<b><u>N25</u></b>	Bat Hibernacula (hibernacula known to be suitable and to have been used at least once within the past 20 years)
<b>Protected Ownerships, Railroad &amp; Transmission Corridors</b>	
<b><u>P01</u></b>	Provincial Park and Protected Area Boundary
<b><u>P02</u></b>	Patent Land and Land Use Permits
<b><u>P03</u></b>	Railroad Right-of-Way
<b><u>P04</u></b>	Natural Gas Transmission Pipeline
<b><u>P05</u></b>	Hydro Line Right-of-Way
<b>Research and Experimental Plots</b>	

## FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

<b><u>PL01</u></b>	Research Trials and Tree Orchards
<b><u>PL02</u></b>	Permanent Growth Plots (PGP)
<b><u>PL03</u></b>	Permanent Sample Plot (PSP)
<b><u>PL04</u></b>	Multi-species Inventory and Monitoring (MSIM) Plot
<b><u>PL05</u></b>	Temporary Sample Plots
<b>Tourism &amp; Recreation</b>	
<b><u>R01</u></b>	<b>Highway Corridor/Tourism Aesthetics</b> (Hwy #594, Hwy #647, McIntosh Rd (from the end of Hwy #647 to the Canyon Lake Rd junction), and Basket Lake Rd)
<b><u>T01</u></b>	<b>Tourism – Aesthetics</b> Along a portion of the Blue Lake Loop Canoe Route (Augite, Balmain, Gordon and Lift lakes)
<b><u>T02</u></b>	<b>Tourism – Aesthetics</b> Along Rugby Lake, Fen Creek and Fen Lake
<b><u>T03</u></b>	<b>Tourism – Aesthetics</b> Along Large High-Volume Tourism Lakes (Cobble, Eagle, Forest, Indian, Wabigoon, Whitney, Dinorwic and Clay Lakes)
<b><u>T06</u></b>	<b>Tourism – Canoe Portage and Other Permanent Recreational Trails</b>
<b><u>T07</u></b>	<b>Tourism – Remote Cottage</b> on Moose Lake, Wigwam Lake
<b><u>T08</u></b>	<b>Tourism – Recreational Value</b>
<b>Water &amp; Fish Habitat &amp; Wetlands</b>	
<b><u>W01</u></b>	Large lakes, medium lakes, small lakes, rivers; HPS or MPS (high or moderate potential sensitivity to forest management operations) ponds and streams
<b><u>W02</u></b>	Cut-to-Shore on Large lakes, Medium lakes, Small lakes, Ponds; HPS or MPS (high or moderate potential sensitivity to forest management operations)
<b><u>W03</u></b>	Cut-to-Shore on Rivers, Streams; HPS or MPS (high or moderate potential sensitivity to forest management operations)
<b><u>W06</u></b>	Wetlands occupied by breeding black terns, least bitterns, golden-winged warblers, horned grebes or yellow rails
<b><u>W07</u></b>	Ponds with low potential sensitivity to forest management operations (LPS ponds)
<b><u>W08</u></b>	Streams with low potential sensitivity to forest management operations (LPS streams)
<b><u>W09</u></b>	Provincially Significant Wetlands or Wetland Complexes

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
A01	YES	Archaeological Potential Area		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u> Archaeological Potential Areas are derived from the Heritage Assessment Tool predictive model (not confirmed), as mapped.</p> <p><u>Prescription:</u> Within each mapped area one of the following will be done:</p> <p>a) A reserve</p> <p><b>OR</b></p> <p>b) Operations can occur where the harvest, skidding, and renewal activities do not cause more than 5% mineral soil disturbance (weighted average) within the harvested portion of the area of concern for each block. Skid trails that minimize the skid distance out of the area of concern and sharp corners will be avoided. Natural regeneration, hand planting, chemical site prep, manual tending, chemical tending, and seeding.</p> <p><b>OR</b></p> <p>c) Within blowdown areas the mineral soil disturbance (weighted average) may exceed 5% within the AOC. Root mats are to be put back into place to help maintain the archaeological context.</p> <p><b>OR</b></p> <p>d) If a Ministry of Culture Stage 2 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.</p> <p>If the protection measures for an area of archaeological potential are not complied with, operations must immediately cease within the area of concern, and a Stage 2 archaeological assessment per Ontario Ministry of Culture’s current standards and guidelines for consultant archaeologists shall occur.”</p> <p>If a cultural heritage value is discovered during operations (e.g. an arrowhead or cemetery)</p>		Forest Management Guide for Cultural Heritage Values (MNRF 2007) Section 3.3, pp. 33-35 & 66	No

[\(back to AOC list\)](#)

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<p>then operations must immediately stop and district MNRF staff will be contacted as per the Forest Information Manual. The value class of the discovery will determine who of the following will be contacted: Ministry of Culture staff, the local Indigenous community, Registrar of Cemeteries, and/or the provincial culture heritage specialist. When the class of cultural heritage value is established, the appropriate protection measure(s) will be applied.</p> <p>When human remains are discovered, work at the site must be suspended and the police notified. It is also appropriate to notify the MNRF district staff. The police will investigate the report to determine if the human remains are of forensic interest or represent a burial site as defined by the <i>Cemeteries Act</i>. All involved parties must act to safeguard the location until the police attend the site, and to limit media contact and display.</p>		
<b>B. Primary Roads, Branch Roads, and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<p><b>Existing Road Crossings</b></p> <ul style="list-style-type: none"> <li>Use and maintenance of existing roads (i.e. previously disturbed right of ways) do not represent a new disturbance and therefore do not require archaeological assessment. Culvert replacement at an existing water crossing could result in a new disturbance as compared to the original culvert installation, in which case the significance of the disturbance must be assessed, and an archaeological assessment may be required.</li> <li>If the protection measures for an area of archaeological potential are not complied with, operations must immediately cease within the area of concern and a Stage 2 archaeological assessment per Ministry of Culture's current standards and guidelines for consultant archaeologists shall occur. If a cultural heritage value is discovered during operations (e.g. an arrowhead, cemetery, or old logging camp) then operations must immediately stop and the district MNRF staff will be contacted as per the Forest Information Manual. The value class of the discovery will determine who of the following will be contacted: Ministry of Culture staff, the local Aboriginal community, Registrar of Cemeteries, and/or the provincial cultural heritage specialist.</li> </ul> <p><b>New Road Crossings</b></p> <ul style="list-style-type: none"> <li>All new primary and branch roads, and associated landings, that are within archaeological potential areas require an archaeological assessment prior to</li> </ul>	No	No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

construction.		
<b>C. Operational Roads and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Minimize operational roads within archaeological potential areas where possible.</li> <li>If there will be mineral soil disturbance, then there must be an archaeological assessment and the report's recommendation followed.</li> <li>For operational roads that can be built with no mineral soil disturbance (e.g. ditching and grubbing), an archaeological assessment is not required. Situations where operational roads can be constructed with no mineral soil disturbance might include: <ul style="list-style-type: none"> <li>Winter roads and landings constructed over packed snow and when ground is frozen (&gt;20 cm)</li> <li>Water crossings constructed using snow, ice, or a temporary bridge, which do not require grubbing, filling or ditching, and only used while the ground is frozen (&gt;20 cm).</li> <li>Minor alterations to the water course for culvert placement are allowed (e.g. removing a rock).</li> </ul> </li> </ul> <p>Water crossing construction using temporary bridges without in-ground footings. In winter, this provision applies only to roads with approaches constructed using packed snow or frozen ground (&gt;20 cm). For other seasons, this provision applies only to roads with approaches constructed using less than 2 metres of fill; the fill must be placed over geotextiles, corduroy, or brush mats, and there must be no grubbing or ditching.</p>	No	No
<b>D. Forestry Aggregate Pits</b>		
<b>Planned or Existing</b>		<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>No aggregate extraction is permitted. No new aggregate pits are permitted within the AOC.</li> </ul>		No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
A02	YES	Cultural or Heritage Values (known values)		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u></p> <p>Mapped area of cultural or heritage values is defined as the memory, tradition and evidence for the historical occupation and use of a place, and the consideration of this evidence in contemporary society in developing group identities. These may include, but are not limited to; fur trading posts, cemeteries, old logging camps, spiritual or traditional areas, old mining sites, or historical landscapes.</p> <p><u>Prescriptions:</u></p> <p>Within each mapped area one of the following will be done:</p> <p>1) Harvesting, renewal and tending is permitted where the removal of trees will not impact the value; and 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. Skid trails will minimize the skid distance out of the area of concern and sharp corners will be avoided.</p> <p><b>OR</b></p> <p>2) Harvest, renewal and tending is not permitted where trees are to be retained to protect the values;</p> <ul style="list-style-type: none"><li>• a 200 m reserve measured from the center of the site where there is no establish boundary, i.e. spiritual area,</li></ul> <p><b>OR</b></p> <ul style="list-style-type: none"><li>• a 10 m reserve measured from when there is a boundary of the site established, i.e. buildings, cemeteries.</li></ul> <p>Marking the AOC boundaries of sites must be done using the same flagging as other AOC's so as not to draw attention to the purpose of its establishment.</p>		<p>Forest Management Guide for Cultural Heritage Values (MNRF 2007) Section 3.4, 3.5. pp. 37-41 &amp; 66-67</p>	No

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<p>This prescription can be changed for specific culture or heritage values, through an FMP amendment, based on discussion with qualified individuals from the Ministry of Tourism, Culture and Sport; local Aboriginal communities; Registrar of Cemeteries; and/or the provincial Cultural Heritage Specialist.</p>		
<b>B. Primary Roads, Branch Roads, and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<p><b>Existing Road Crossings</b></p> <ul style="list-style-type: none"> <li>• Use and maintenance of existing roads (i.e. previously disturbed right of ways) do not represent a new disturbance and therefore do not require archaeological assessment. Culvert replacement at an existing water crossing could result in a new disturbance as compared to the original culvert installation, in which case the significance of the disturbance must be assessed, and an archaeological assessment may be required.</li> <li>• If the protection measures for an area of archaeological potential are not complied with, operations must immediately cease within the area of concern and a Stage 2 archaeological assessment per Ministry of Culture's current standards and guidelines for consultant archaeologists shall occur. If a cultural heritage value is discovered during operations (e.g. an arrowhead, cemetery, or old logging camp) then operations must immediately stop and the district MNRF staff will be contacted as per the Forest Information Manual. The value class of the discovery will determine who of the following will be contacted: Ministry of Culture staff, the local Aboriginal community, Registrar of Cemeteries, and/or the provincial cultural heritage specialist.</li> </ul> <p><b>New Road Crossings</b></p> <ul style="list-style-type: none"> <li>• All new primary and branch roads, and associated landings, that are within archaeological potential areas require an archaeological assessment prior to construction.</li> </ul>	No	No

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<b>C. Operational Roads and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Minimize operational roads within archaeological potential areas where possible.</li> <li>If there will be mineral soil disturbance, then there must be an archaeological assessment and the report's recommendation followed.</li> <li>For operational roads that can be built with no mineral soil disturbance (e.g. ditching and grubbing), an archaeological assessment is not required. Situations where operational roads can be constructed with no mineral soil disturbance might include: <ul style="list-style-type: none"> <li>Winter roads and landings constructed over packed snow and when ground is frozen (&gt;20 cm)</li> <li>Water crossings constructed using snow, ice, or a temporary bridge, which do not require grubbing, filling or ditching, and only used while the ground is frozen (&gt;20 cm).</li> <li>Minor alterations to the water course for culvert placement are allowed (e.g. removing a rock).</li> <li>Water crossing construction using temporary bridges without in-ground footings. In winter, this provision applies only to roads with approaches constructed using packed snow or frozen ground (&gt;20 cm). For other seasons, this provision applies only to roads with approaches constructed using less than 2 metres of fill; the fill must be placed over geotextiles, corduroy, or brush mats, and there must be no grubbing or ditching.</li> </ul> </li> </ul>	No	No
<b>D. Forestry Aggregate Pits</b>		
<b>Planned or Existing</b>	<b>Exception</b>	
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>No aggregate extraction is permitted. No new aggregate pits are permitted within the AOC.</li> </ul>	No	

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AOC ID	Group AOC	Description of Value		
<div>A03</div> <div><a href="#">(back to AOC list)</a></div>	Individual	Amesdale Cemetery		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: 50m reserve from cemetery boundary Prescription: <ul style="list-style-type: none"><li>No forest management activities within AOC.</li><li>The Registrar of Cemeteries direction was for no excavation within 30m; however, for aesthetic purposes the Planning Team decided to expand the protection.</li></ul>		Forest Management Guide for Cultural Heritage Values (MNRF 2007) Section 3.6. pp. 44-45	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	Existing Road Crossings <ul style="list-style-type: none"><li>Use and maintenance of existing roads (i.e. previously disturbed right of ways) do not represent a new disturbance and therefore do not require archaeological assessment.</li><li>Culvert replacement at an existing water crossing could result in a new disturbance as compared to the original culvert installation, in which case the significance of the disturbance must be assessed, and an archaeological assessment may be required.</li></ul>		No	No
	C. Operational Roads and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>No new operational roads are permitted in the AOC.</li></ul>		No	No
	D. Forestry Aggregate Pits			
	Planned or Existing			Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>No aggregate extraction is permitted. No new aggregate pits are permitted within the AOC.</li></ul>			No

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AOC ID	Group AOC	Description of Value		
<b>C01</b>  <a href="#">(back to AOC list)</a>	YES	Trap Cabin		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: 75m reserve centered on the trap cabin Prescription: <ul style="list-style-type: none"><li>This prescription can be changed with prior written approval from individual trappers and subsequent notification of MNRF.</li><li>Harvest, renewal and tending operations are not permitted within the AOC, unless harvesting has already taken place prior to the establishment of the AOC.</li></ul>		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>New roads and landings are not permitted within the AOC</li><li>There are no conditions on the use or maintenance of existing roads</li></ul>		No	No
	C. Operational Roads and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>New roads and landings are not permitted within the AOC unless no feasible alternative is available.</li><li>There are no conditions on the use or maintenance of existing roads.</li></ul>		No	No
	D. Forestry Aggregate Pits			
	Planned or Existing			Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>New aggregate pits are not permitted within the AOC.</li><li>Existing Aggregate pits that fall within the AOC will be rehabilitated and closed by the pit expiration date.</li></ul>			No

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AOC ID	Group AOC	Description of Value		
<div>D01</div> <div><a href="#">(back to AOC list)</a></div>	YES	Occupied Black Bear Den		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: Modified operations 100 m radius AOC centered on the den entrance.		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 94-95.	No
	Prescription: <ul style="list-style-type: none"><li>Regular harvest, renewal, and tending operations are permitted within the AOC subject to timing restrictions during the denning period (Oct. 15 to April 30).</li><li>Dens known or suspected to contain one or more hibernating black bears</li><li>Direction applies to occupied dens known before, or found during, operations.</li></ul>			
	<b>October 15 to April 30 (Denning Period)</b> <ul style="list-style-type: none"><li>Harvest, renewal, and tending operations involving heavy equipment are not permitted within the AOC.</li><li>The only operations permitted during the first four weeks of the denning period (October 15 to November 15) are boundary marking and regeneration surveys with no ATV use.</li><li>Harvest, renewal and tending operations that do not involve heavy equipment are permitted after November 15.</li></ul>			
	B. Primary Roads, Branch Roads, and Landings			
Planned or Existing		Public Comment	Exception	
Conditions on Location, Construction or Use				
<ul style="list-style-type: none"><li>No new crossings or landings are permitted within 100 metres of occupied dens during the denning period (October 15 to April 30).</li><li>Road construction and aggregate extraction are not permitted within the AOC during the <i>denning period</i> (October 15 to April 30).</li><li>Hauling and road maintenance operations are not permitted within the AOC during the <i>denning period</i> (Oct. 15 to April 30), unless the road predates the den, is required for</li></ul>		No	No	

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safety reasons or environmental protection. <ul style="list-style-type: none"> <li>Outside the denning period, no restrictions on road construction or use.</li> </ul>		
<b>C. Operational Roads and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>	No	No
<b>D. Forestry Aggregate Pits</b>		
<b>Planned or Existing</b>		<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>		No

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AOC ID	Group AOC	Description of Value		
<div>D02</div> <div><a href="#">(back to AOC list)</a></div>	YES	Occupied Grey Fox Den		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: 100 m radius AOC centered on the den entrance.		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 95.	No
	Prescription: <ul style="list-style-type: none"><li>Dens known or suspected to be occupied by grey foxes.</li><li>Direction applies to dens known before, or found during, operations.</li></ul>			
	<b><u>April 15 to September 15 (Denning Period)</u></b> <ul style="list-style-type: none"><li>Harvest, renewal, and tending operations are not permitted within the AOC during the denning period.</li></ul>			
	<b><u>September 16 to April 14 (Not Denning Period)</u></b> <ul style="list-style-type: none"><li>Regular harvest, renewal, and tending operations are permitted within the AOC outside the denning period and are subject to the general direction for the protection of dens of furbearing mammals (Plan text Section 4.2.2.2 Conditions on Regular Operations).</li></ul>			
B. Primary Roads, Branch Roads, and Landings				
Planned or Existing		Public Comment	Exception	
Conditions on Location, Construction or Use				
<b><u>Denning Period April 15th to Sept 15th</u></b> <ul style="list-style-type: none"><li>Road construction and aggregate extraction are not permitted within the AOC during the <i>denning period</i> (April 15 to Sept. 15), except in extraordinary circumstances as specifically identified and justified through the FMP AOC planning process.</li><li>Hauling and road maintenance operations are not permitted within 50 m of an occupied den during the <i>denning period</i> unless the road predates the den, is required for safety reasons or environmental protection, or except in extraordinary circumstances as</li></ul>		No	No	

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specifically identified and justified through the FMP AOC planning process.		
<b>C. Operational Roads and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>	No	No
<b>D. Forestry Aggregate Pits</b>		
<b>Planned or Existing</b>		<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>		No

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AOC ID	Group AOC	Description of Value		
<div>D03</div> <div><a href="#">(back to AOC list)</a></div>	YES	Occupied Cougar Den		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: 200 m radius AOC centered on the den entrance.  Prescription:  <u>Denning Period (see below)</u> Harvest, renewal, and tending operations are not permitted within the AOC during the denning period.  Kittens are typically born between April and September, but occupied dens may be located at any time of year. Thus, the denning period is potentially different for each occupied den encountered and is considered to extend for 8 weeks from the date an occupied den is located, or until a den is known to be no longer occupied.  <u>Non-Denning Period</u> Regular harvest, renewal, and tending operations are permitted within the AOC outside the denning period and are subject to the general direction for the protection of dens of furbearing mammals		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 95-96.	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<u>Denning Period:</u> <ul style="list-style-type: none"><li>Road construction is not permitted within 200m of occupied dens.</li><li>Hauling and road maintenance operations are not permitted within 100 m of the den unless the road predates the den, is required for safety reasons or environmental protection.</li></ul>		No	No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<p>Note: The denning period is potentially different for each occupied den encountered and is considered to extend for 8 weeks from the date an occupied den is located, or until a den is known to be no longer occupied.</p> <p><b><u>Non- Denning Period:</u></b></p> <ul style="list-style-type: none"> <li>No restrictions on road construction, maintenance or hauling operations.</li> </ul>		
<b>C. Operational Roads and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>	No	No
<b>D. Forestry Aggregate Pits</b>		
<b>Planned or Existing</b>	<b>Exception</b>	
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>	No	

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AOC ID	Group AOC	Description of Value		
<div>D04</div> <div><a href="#">(back to AOC list)</a></div>	YES	Wolf Den		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none"><li>200m radius AOC centered on the den entrance.</li><li>Suitable dens known or suspected to have been occupied by wolves at least once within the past 5 (northern grey wolf) or 10 years (eastern wolf).</li><li>Direction applies to dens known before or found during, operations.</li></ul> Prescription: <b><u>0–100 m from den entrance</u></b> <ul style="list-style-type: none"><li>Harvest operations are not permitted.</li><li>If required, renewal and tending operations are allowed outside of the denning period (July 16-April 14) subject to wildlife trees and downed woody material requirements (plan text Section 4.2.2.2). Renewal and tending activities that reduce the mature forest to &lt;60% relatively uniform canopy closure (canopy openings not to exceed individual tree crowns) are not permitted. All other renewal and tending operations are permitted.</li></ul> <b><u>101-200 m from den entrance, April 15-July 15 (Denning Period):</u></b> <ul style="list-style-type: none"><li>Harvest, renewal, and tending operations are not permitted.</li></ul> <b><u>101-200 m from den entrance, July 16-April 14 (Outside of Denning Period):</u></b> <ul style="list-style-type: none"><li>Harvest, renewal or tending operations permitted subject to residual pattern, wildlife trees and downed woody debris requirements (Plan text Section 4.2.2.2).</li></ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 96-97.	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>New roads, landings, &amp; aggregate pits are not permitted within the inner 100 m.</li></ul>		No	No

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<ul style="list-style-type: none"> <li>Reasonable efforts will be made to avoid constructing new roads, landings, and aggregate pits within the outer 100 m of the AOC.</li> <li>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.</li> </ul> <p><b><u>Denning Period April 15<sup>th</sup> to July 15<sup>th</sup></u></b></p> <ul style="list-style-type: none"> <li>Road construction and aggregate extraction are not permitted within 200 m of an occupied den during the denning period.</li> <li>Hauling and road maintenance operations are not permitted within 100 m of an occupied den during the denning period unless the road predates the den, is required for safety reasons or environmental protection.</li> </ul>		
<b>C. Operational Roads and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>	No	No
<b>D. Forestry Aggregate Pits</b>		
<b>Planned or Existing</b>		<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>		No

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AOC ID	Group AOC	Description of Value		
<div>D05</div> <div><a href="#">(back to AOC list)</a></div>	YES	Wolverine Den (natal and maternal dens)		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none"><li>4 km radius from den entrance or as delineated by habitat. To date, the location of wolverine dens sites are unknown and therefore habitat has not been delineated in the FMP.</li><li>Dens known to have been occupied by a female wolverine within the past 10 years (unless documented as unoccupied for ≥ 3 consecutive years).</li><li>Natal dens are used for parturition while maternal dens are used to raise kits, before weaning.</li></ul> Prescription: <p>When a female wolverine den is encountered, a den site management plan will be developed in consultation with MNRFs Species at Risk staff and Biologists that outlines the extent and timing of harvest, renewal and tending operations acceptable within the AOC.</p> <p>The FMP will be amended to include a new prescription consistent with the den site management plan, prior to any operations occurring within the AOC.</p>		Forest Management Guide for Conserving Biodiversity as the Stand and Site Scales (MNRF, 2010), Section 4.3.7.1, Page 127	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	The den management plan will include a Road Use Management Strategy for existing roads that will provide locally appropriate measures to minimize road-associated impacts on female wolverines.		No	No
	C. Operational Roads and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)		No	No

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D. Forestry Aggregate Pits		
Planned or Existing		Exception
Conditions on Location, Construction or Use		
The den management plan will provide direction on planned or existing Forestry Aggregate Pits.		No

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AOC ID	Group AOC	Description of Value		
<div>M01</div> <div><a href="#">(back to AOC list)</a></div>	YES	Mineral Lick		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none"><li>120 m reserve measured from the edge of woody vegetation averaging at least 2 m tall and with ≥25% canopy cover.</li><li>Applies to natural mineral licks known or encountered during operation.</li><li>Salt accumulated along roadways is excluded.</li></ul> Prescription: <ul style="list-style-type: none"><li>No harvest, renewal, or tending operations are permitted within the AOC.</li></ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Page 93.	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>No new crossings, landings or aggregate pits are permitted in the AOC.</li><li>Operations associated with existing roads and aggregate pits are permitted in the AOC.</li></ul>		No	No
	C. Operational Roads and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li></ul>		No	No
	D. Forestry Aggregate Pits			
	Planned or Existing			Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li></ul>			No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
<div>M02</div> <div><a href="#">(back to AOC list)</a></div>	YES	Moose Summer Thermal Patch		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none"><li>Reserve as mapped</li></ul> Prescription: <ul style="list-style-type: none"><li>No harvest renewal or tending operations permitted</li><li>Renewal, and tending operations are permitted in previously harvested areas</li><li>Return harvest of these patches may be considered in future FMP's</li></ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), pg. 31	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>No new crossings, landings or aggregate pits are permitted in the AOC.</li><li>Operations associated with existing roads and aggregate pits are permitted in the AOC.</li></ul>		No	No
	C. Operational Roads and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li></ul>		No	No
	D. Forestry Aggregate Pits			
	Planned or Existing			Exception
	Conditions on Location, Construction or Use			

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	<ul style="list-style-type: none"> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>	No
<b>AOC ID</b>	<b>Group AOC</b>	<b>Description of Value</b>
<b>M03</b>	<b>YES</b>	<b>Moose Winter Cover Stands</b>
<a href="#">(back to AOC list)</a>	<b>A. Operational Prescriptions for Areas of Concern</b>	
	<b>Operational Prescription</b>	<b>Source</b>
	<p><u>Description:</u></p> <ul style="list-style-type: none"> <li>Reserve as mapped</li> <li>Stands or parts of stands required to meet cover to cover requirements in Moose Winter Concentration Areas identified within Moose Emphasis Areas will be identified and maintained using this AOC. Identification and maintenance of Moose Winter Cover Stands has been done at the operational planning stage of the forest mgmt. plan.</li> </ul> <p><u>Prescription:</u></p> <ul style="list-style-type: none"> <li>No harvest renewal or tending operations permitted</li> <li>Renewal, and tending operations are permitted in previously harvested areas</li> <li>Return harvest of these patches may be considered in future FMP's</li> </ul>	<p><i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), pg. 30</i></p>
		No
	<b>B. Primary Roads, Branch Roads, and Landings</b>	
	<b>Planned or Existing</b>	
	<b>Conditions on Location, Construction or Use</b>	<b>Public Comment</b>
	<ul style="list-style-type: none"> <li>No new crossings, landings or aggregate pits are permitted in the AOC.</li> <li>Operations associated with existing roads and aggregate pits are permitted in the AOC.</li> </ul>	No
		No
	<b>C. Operational Roads and Landings</b>	
	<b>Planned or Existing</b>	<b>Public Comment</b>
		<b>Exception</b>

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	<b>Conditions on Location, Construction or Use</b>			
	• Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)		No	No
	<b>D. Forestry Aggregate Pits</b>			
	<b>Planned or Existing</b>			<b>Exception</b>
	<b>Conditions on Location, Construction or Use</b>			
• Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)			No	

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AOC ID	Group AOC	Description of Value		
<div>M04</div> <div><a href="#">(back to AOC list)</a></div>	YES	Moose Aquatic Feeding Areas - MAFA		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none"><li>120 m reserve</li></ul> Prescription: <ul style="list-style-type: none"><li>Harvest renewal or tending operations permitted</li></ul>		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>No new crossings or landings are permitted in the AOC.</li><li>Operations associated with existing roads are permitted in the AOC.</li></ul>		No	No
	C. Operational Roads and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>No new crossings or landings are permitted in the AOC</li><li>Operations associated with existing roads are permitted in the AOC.</li></ul>		No	No
	D. Forestry Aggregate Pits			
	Planned or Existing			Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>No new aggregate pits are permitted in the AOC</li><li>Operations associated with existing aggregate pits are permitted in the AOC.</li></ul>			No

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AOC ID	Group AOC	Description of Value		
<b>N01</b>  <a href="#">(back to AOC list)</a>	YES	Bald Eagle Primary Nest - Identified Prior to Operations, or Discovered During Operations		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Definition:</u></p> <ul style="list-style-type: none"><li>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</li><li>400 metres radius centered on primary nest</li></ul> <p><u>Prescription:</u> The critical breeding period for bald eagles is March 1 to August 31.</p> <p><b>BALD EAGLE NEST IDENTIFIED PRIOR TO OPERATIONS:</b></p> <p><b><u>0-200 m from primary nest</u></b></p> <ul style="list-style-type: none"><li>Harvest is not permitted within 200 m of a primary nest.</li></ul> <p><b><u>201-400 m from primary nest</u></b></p> <p><b>Critical breeding period and the nest is <u>occupied</u>:</b></p> <ul style="list-style-type: none"><li>Harvest and renewal and tending operations that are within the “high potential impact” category (see Table FMP-11.1) are not permitted within 201-400 m of occupied primary nests during the critical breeding period.</li><li>Operations categorized in Table FMP-11.1 as “low potential impact” or “moderate potential impact” are allowed between 201-400 m of occupied primary nests during the critical breeding period subject to wildlife tree and downed woody material requirements outlined in FMP text Section 4.2.2.2.</li></ul> <p><b>Critical breeding period and nest is <u>not occupied</u>, or <u>outside of critical breeding period</u>:</b></p> <ul style="list-style-type: none"><li>Harvest, renewal or tending operations are permitted subject to residual pattern and</li></ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Pages 64-66.	No

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wildlife trees and downed woody material requirements.

- Preferentially retain wildlife trees that may function as potential nest, perch and roost sites 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 pines, red pines, and poplars will be favored when available.

**BALD EAGLE NEST DISCOVERED AFTER HARVEST OCCURRED WITHIN THE AOC:  
0-200 m from primary nest**

**A) During the critical breeding period and the nest is occupied:**

- Harvest operations are to stop immediately, and no further operations are permitted.
- Harvested trees remaining in the harvested area are not permitted to be removed
- Low impact operations (see FMP-11.1) are permitted between 100-200m from nest
- An additional patch of unharvested forest equivalent to the area harvested will be retained, preferably attached to the remaining unharvested forest surrounding the nest (to provide a supply of potential nest and roost trees).
- Renewal and tending operations that will leave a residual stand structure below the minimum described below are not permitted.
- All renewal and tending operations within 100-200 m of the nest are subject to residual pattern and wildlife trees and downed woody material requirements.
- Preferentially retain wildlife trees that may function as potential nests, perch or roost sites 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 pines, red pines, and poplars will be favored when available.

**B) During the critical breeding period and nest is not occupied, or outside critical breeding period:**

- Harvest operations are to stop immediately, and no further harvest is permitted.
- Harvested trees remaining in the harvested area are permitted to be removed
- Renewal and tending are permitted that will not leave a residual stand structure below the minimum described below.
- An additional patch of unharvested forest equivalent to the area harvested will be retained, preferably attached to the remaining unharvested forest surrounding the nest (to provide a supply of potential nest and roost trees).

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<ul style="list-style-type: none"><li>• All renewal and tending operations within 100-200 m of the nest are subject to residual pattern and wildlife trees and downed woody material requirements.</li><li>• Preferentially retain wildlife trees that may function as potential nests, perch or roost sites 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 pines, red pines, and poplars will be favored when available.</li></ul> <p><b><u>201 – 400m from primary nest</u></b></p> <p><b>A) During the critical breeding period and the nest is <u>occupied</u>:</b></p> <ul style="list-style-type: none"><li>• Harvest operations are to stop immediately, and no further operations are permitted.</li><li>• Harvested trees remaining in the harvested area are not permitted to be removed</li><li>• Low and moderate impact operations (see FMP-11.1) are permitted subject to wildlife tree and downed woody material requirements.</li></ul> <p><b>B) During the critical breeding period and nest is <u>not occupied</u>, or <u>outside critical breeding period</u>:</b></p> <ul style="list-style-type: none"><li>• Harvest, renewal or tending operations are permitted subject to residual pattern and wildlife trees and downed woody material requirements.</li><li>• Preferentially retain wildlife trees that may function as potential nests, perch or roost sites 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 pines, red pines, and poplars will be favored when available.</li></ul>		
<b>B. Primary Roads, Branch Roads, and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"><li>• New roads, landings and aggregate pits are not permitted within 200 metres of a primary nest</li><li>• Reasonable efforts will be made to avoid constructing new roads, landings, and aggregate pits within 201-400 metres of a primary nest. Where this is necessary specific locations will be identified in the AWS.</li><li>• When roads are constructed within the AOC, temporary roads and/or water crossings will</li></ul>	No	No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<p>be used whenever practical and feasible to limit future access and disturbance.</p> <ul style="list-style-type: none"><li>• Operations associated with existing roads, landings and aggregate pits are not permitted within 100-400 metres of occupied nests during the critical breeding period (March 1 – August 31) for moderate or high potential activities (FMP-11.1), unless required for safety reasons or environmental protection.</li><li>• There is no timing restriction on hauling or low potential impact road maintenance operations (e.g. grading) if the road predates the nest.</li></ul>		
C. Operational Roads and Landings		
Planned or Existing	Public Comment	Exception
Conditions on Location, Construction or Use		
<ul style="list-style-type: none"><li>• Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li></ul>	No	No
D. Forestry Aggregate Pits		
Planned or Existing	Exception	
Conditions on Location, Construction or Use		
<ul style="list-style-type: none"><li>• Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li></ul>	No	

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
<div>N03</div> <div><a href="#">(back to AOC list)</a></div>	YES	Bald Eagle Inactive Nest		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<div>Definition:</div> <ul style="list-style-type: none"><li>Nests <u>not</u> known or suspected to have been occupied at least once within the past 5 years, or where all nests have been documented as unoccupied for &gt;=3 consecutive years.</li><li>100 metres radius centered on primary nest</li></ul> <div>Prescription:</div> <ul style="list-style-type: none"><li>Harvest is not permitted in the AOC.</li><li>Renewal and tending are permitted in previously harvested areas subject to wildlife tree and downed woody material requirements outlined in FMP text Section 4.2.2.2.</li></ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Page 67.	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>New roads, landings and aggregate pits are not permitted within the AOC</li><li>No timing restriction on operations with roads, landings and aggregate pits</li></ul>		No	No
	C. Operational Roads and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Refer to Section B</li></ul>		No	No
	D. Forestry Aggregate Pits			
	Planned or Existing			Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Refer to Section B</li></ul>			No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
<b>N04</b>	YES	<b>Osprey Primary Nest</b> Identified Prior to Operations, or Discovered During Operations, (see definition below)		
		<b>A. Operational Prescriptions for Areas of Concern</b>		
		<b>Operational Prescription</b>	<b>Source</b>	<b>Exception</b>
		<p><b>Definition:</b> <b>Osprey Primary Nests</b> (AOC N04) are 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 <b>inactive</b> (AOC N06). 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 <b>primary nest</b> (AOC N04); the other active nest(s) is(are) considered <b>alternate nests</b> (AOC N05).</p> <p><b>Operational Prescription</b></p> <ul style="list-style-type: none"> <li>• 300 m radius AOC centered on primary nests.</li> <li>• The critical breeding period for osprey is April 15 to August 31.</li> </ul> <p><b>OSPREY NEST IDENTIFIED PRIOR TO OPERATIONS:</b></p> <p><b><u>0-150 m from nest</u></b></p> <p>Harvest is not permitted at any time.</p> <p>If the nest is not occupied, or it is outside of the critical breeding period:</p> <ul style="list-style-type: none"> <li>• Renewal and tending activities are permitted in previously harvested areas subject to wildlife tree and downed woody material requirements outlined in FMP text Section 4.2.2.2.</li> </ul> <p>If the nest is occupied and it is during the critical breeding period:</p> <ul style="list-style-type: none"> <li>• Only “low potential impact” renewal and tending activities (see Table FMP-11.1) are allowed 75-150 m from the nest in previously harvested areas.</li> <li>• All renewal and tending operations within 75-150 metres of the nest are subject to wildlife trees and downed woody material requirements outlined in</li> </ul>	<p><i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales</i> (MNR, 2010), Pages 68-69.</p>	No

[\(back to AOC list\)](#)

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FMP text Section 4.2.2.2.

**151-300 m from nest**

Harvest, renewal and tending operations that will leave a residual stand structure below the minimum described below are not permitted.

**Critical breeding period and nest is occupied:** Harvest and renewal and tending operations that are within the “high potential impact” category (see Table FMP- 11.1) are not permitted within 151-300 m of occupied primary nests during the critical breeding period, Renewal and tending operations categorized as “low potential impact” or “moderate potential impact” are allowed between 151-300 m of occupied primary nests during the critical breeding period subject to meeting wildlife trees and downed woody material requirements outlined in Section 4.2.2.2 of the FMP.

**Critical breeding period and nest is not occupied, or outside of critical breeding period:**

Harvest, renewal and tending operations are permitted subject to residual pattern (see Note 2 above) and wildlife trees and downed woody material requirements. Preferentially retain wildlife trees that may function as potential nest, perch or roost sites 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 pines, red pines, and poplars will be favoured when available.

**OSPREY NEST DISCOVERED DURING OPERATIONS BUT AFTER HARVEST HAS  
OCCURRED WITHIN 150 METRES OF NEST:**

**0-150 m from nest**

If harvesting operations are on-going, harvesting is to stop immediately, and no further harvesting is permitted. Harvested trees remaining in the harvested area are not permitted to be removed during the critical breeding period. An additional patch of unharvested forest equivalent to the area harvested between 0-150 m from the nest is to be retained within 151-300 m of the nest. This patch will preferably be attached to the remaining unharvested forest.

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If the nest is not occupied, or it is outside of the critical breeding period:

- Renewal and tending activities are permitted in previously harvested areas subject to wildlife tree and downed woody material requirements outlined in FMP text Section 4.2.2.2.

If the nest is occupied and it is during the critical breeding period:

- Only “low potential impact” renewal and tending activities (see Table FMP-11.1) are allowed >75 metres from the nest in previously harvested areas.
- All renewal and tending operations are subject to wildlife trees and downed woody material requirements outlined in FMP text Section 4.2.2.2.

**151-300 m from nest (*outside of additional patch described above*)**

Harvest, renewal and tending operations that will leave a residual stand structure below the minimum described below are not permitted.

**Critical breeding period and nest is occupied:** Harvest and renewal and tending operations that are within the “high potential impact” category (see Table FMP- 11.1) are not permitted within 151-300 m of occupied primary nests during the critical breeding period. Renewal and tending operations categorized as “low potential impact” or “moderate potential impact” are allowed between 151-300 m of occupied primary nests during the critical breeding period subject to meeting wildlife trees and downed woody material requirements outlined in Section 4.2.2.2 of the FMP.

**Critical breeding period and nest is not occupied, or outside of critical breeding period:**

Harvest, renewal and tending operations are permitted subject to residual pattern (see Note 2 above) and wildlife trees and downed woody material requirements outlined in Section 4.2.2.2 of the FMP. Preferentially retain wildlife trees that may function as potential nest, perch or roost sites 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 pines, red pines, and poplars will be favoured when available.

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<a href="#">(back to AOC list)</a>			
	<b>B. Primary Roads, Branch Roads, and Landings</b>		
	<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
	<b>Conditions on Location, Construction or Use</b>		
	<ul style="list-style-type: none"> <li>• New roads, landings and aggregate pits are not permitted within 150 metres of a primary nest.</li> <li>• Reasonable efforts will be made to avoid constructing new roads, landings, and aggregate pits within 151-300 metres of a primary nest. Where this is necessary specific locations will be identified in the AWS.</li> <li>• 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.</li> <li>• Operations associated with roads, landings and aggregate pits are not permitted within 75-300 metres of occupied nests during the critical breeding period (April 15 – August 31) based on potential impact (refer to FMP-11.1), unless required for safety reasons or environmental protection. However, there is no timing restriction on hauling or low potential impact road maintenance operations (e.g. grading) if the road predates the nest.</li> </ul>	No	No
	<b>C. Operational Roads and Landings</b>		
	<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
	<b>Conditions on Location, Construction or Use</b>		
	<ul style="list-style-type: none"> <li>• Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>	No	No
	<b>D. Forestry Aggregate Pits</b>		
	<b>Planned or Existing</b>	<b>Exception</b>	
	<b>Conditions on Location, Construction or Use</b>		
	<ul style="list-style-type: none"> <li>• Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>	No	

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AOC ID	Group AOC	Description of Value		
<div>N06</div> <div><a href="#">(back to AOC list)</a></div>	YES	Osprey Inactive Nest		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Definition: <ul style="list-style-type: none"><li>Nests not known or suspected to have been occupied at least once within the past 5 years and primary and alternate nests within nesting areas where all nests within the nesting area have been documented as unoccupied for &gt;=3 consecutive years.</li><li>75 metres radius centered on inactive nest.</li></ul> Prescription: <b><u>0-75 m from nest</u></b> <ul style="list-style-type: none"><li>No harvest is permitted.</li><li>Renewal and tending are permitted in previously harvested areas subject to wildlife tree and downed woody material requirements outlined in FMP text Section 4.2.2.2.</li></ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 70-71.	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>New roads, landings and aggregate pits are not permitted within AOC.</li><li>No timing restriction on operations associated with roads, landings and aggregate pits within the AOC.</li></ul>		No	No
	C. Operational Roads and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Refer to Section B</li></ul>		No	No

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D. Forestry Aggregate Pits		
Planned or Existing		Exception
Conditions on Location, Construction or Use		
• Refer to Section B		No

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AOC ID	Group AOC	Description of Value		
N07	YES	Active Great Blue Heron Colonies (see definition below)		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Definition:		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Pages 73-74.	No
	<ul style="list-style-type: none"><li>Large heron colonies (≥4 occupied nests) known or suspected to have been occupied at least once within the past 10 years, unless documented as unoccupied for ≥5 years</li><li>Small heron colonies (&lt;4 occupied nests) known or suspected to have been occupied at least once within the past 5 years, unless documented as unoccupied for ≥3 years</li><li>The critical breeding period for great blue heron is April 1 to August 15</li><li>300 m radius AOC measured from peripheral nests</li></ul>			
Prescription:				
Critical breeding period and nest is occupied:				
<ul style="list-style-type: none"><li>Within 300m of large, occupied colonies (≥4 occupied nests), harvest is not permitted.<ul style="list-style-type: none"><li>Renewal and tending operations that are within the “high potential impact” category (see Table FMP-11.1) are not permitted within 300 m of active colonies.</li><li>Renewal and tending operations categorized as “moderate potential impact” are not allowed within 150 m of active colonies.</li><li>Renewal and tending operations categorized as “low potential impact” are not allowed within 75 m of active colonies.</li><li>All renewal and tending operations within 75-300 metres of the nest are subject to wildlife trees and downed woody material requirements outlined in FMP text Section 4.2.2.2</li></ul></li><li>Within 150m from small, occupied colonies (&lt;4 occupied nests), harvest is not permitted.<ul style="list-style-type: none"><li>Only “low potential impact” renewal and tending activities (see Table FMP-11.1) are allowed &gt;75-150 metres from the nest in previously harvested areas.</li><li>All renewal and tending operations within 75-150 metres of the nest are subject to</li></ul></li></ul>				

(back to AOC list)

## FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

<a href="#">(back to AOC list)</a>	<p>wildlife trees and downed woody material requirements outlined in Section 4.2.2.2 of the FMP.</p> <ul style="list-style-type: none"> <li>Normal harvest, renewal and tending operations are permitted 151-300 m from small, occupied colonies.</li> </ul> <p><b><u>Critical breeding period and nest is not occupied, or outside of critical breeding period:</u></b></p> <ul style="list-style-type: none"> <li>Renewal and tending activities are permitted in previously harvested areas subject to wildlife tree and downed woody material requirements.</li> </ul>		
	<b>B. Primary Roads, Branch Roads, and Landings</b>		
	<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
	<b>Conditions on Location, Construction or Use</b>		
	<ul style="list-style-type: none"> <li>New roads, landings and aggregate pits are not permitted within 150 metres of colonies.</li> <li>Reasonable efforts will be made to avoid constructing new roads, landings and aggregate pits within 151-300 metres of colonies (especially large colonies). Where this is necessary specific locations will be identified in the AWS.</li> <li>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 metres.</li> <li>Operations associated with roads, landings and aggregate pits are not permitted within 75-300 metres of occupied nests within colonies during the critical breeding period (April 1 to August 15) based on potential impact (refer to FMP-11.1 ), unless required for safety reasons or environmental protection. However, there is no timing restriction on hauling or low potential impact road maintenance operations (e.g. grading) if the road predates the colony.</li> </ul>	No	No
	<b>C. Operational Roads and Landings</b>		
	<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
	<b>Conditions on Location, Construction or Use</b>		
	<ul style="list-style-type: none"> <li>Refer to Section B</li> </ul>	No	No

Management Unit Name: Dryden Forest  
Plan Period: April 1, 2021 to March 31, 2031

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS  
AND FORESTRY AGGREGATE PITS**

D. Forestry Aggregate Pits		
Planned or Existing		Exception
Conditions on Location, Construction or Use		
• Refer to Section B		No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
N08  <a href="#">(back to AOC list)</a>	YES	Inactive Great Blue Heron Colonies		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Definition: <ul style="list-style-type: none"><li>Large colonies (≥4 nests) 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.</li><li>Small colonies (&lt; 4 nests) in suitable habitat not known or suspected to have been occupied at least once within the past 5 years or documented as unoccupied for 3 or more consecutive years.</li><li>30 m radius AOC measured from peripheral nests.</li></ul> Prescription: <ul style="list-style-type: none"><li>Harvest is not permitted within the AOC.<ul style="list-style-type: none"><li>In previously harvested areas renewal and tending operations that will knock down desired residual trees are not permitted within the AOC; all other renewal and tending operations are permitted.</li></ul></li></ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 74-75.	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Reasonable efforts will be made to avoid constructing new roads within the AOC.</li><li>New landings are not permitted within the AOC.</li><li>No timing restriction on operations associated with roads, landings, and aggregate pits within the AOC.</li></ul>		No	No
	C. Operational Roads and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Refer to Section B</li></ul>		No	No

Management Unit Name: Dryden Forest  
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**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS  
AND FORESTRY AGGREGATE PITS**

D. Forestry Aggregate Pits		
Planned or Existing		Exception
Conditions on Location, Construction or Use		
<ul style="list-style-type: none"><li>• New aggregate pits are not permitted within the AOC.</li><li>• No timing restriction on operations associated with aggregate pits within the AOC.</li></ul>		No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
<b>N09</b>  <a href="#">(back to AOC list)</a>	YES	Active colonies of Bonaparte’s Gull		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Definition: <ul style="list-style-type: none"><li>Known or suspected to have been occupied at least once within the past 5 years (unless documented as unoccupied for ≥3 consecutive years).</li><li>150 m radius measured from peripheral nests</li><li>The critical breeding period for colonies of Bonaparte’s gull is <b>May 1 to August 31</b>.</li><li>Direction applies to colonies known before, or found during, operations.</li></ul> Prescription: <b><u>During Critical Breeding Period</u></b> <ul style="list-style-type: none"><li>Harvest, renewal, and tending operations are not permitted within AOC of <i>occupied</i> nests within colonies during the <i>critical breeding period</i> based on potential impact of the operation (see FMP 11.1)</li></ul> <b><u>Outside Critical Breeding Period or if Nest is Not Occupied</u></b> <ul style="list-style-type: none"><li>Harvest, renewal and tending operations are not permitted within 75 m from nest.</li><li>Harvest, renewal, and tending operations are permitted within 76-150 m from nest, under the following conditions:<ul style="list-style-type: none"><li>Renewal and tending operations are permitted in previously harvested areas.</li><li>Wildlife trees and downed woody material will be retained within harvested portions of the AOC as per CROs in Section 4.2.2.2.</li></ul></li></ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 75-76.	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>New crossings, landings or aggregate pits are not permitted in the AOC.</li></ul>		No	No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<ul style="list-style-type: none"><li>Operations associated with existing roads, landings, and aggregate pits are not permitted within 40-150 m (see FMP 11.1) of active nests during critical breeding season, unless required for safety reasons or environmental protection.</li><li>There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the colony.</li></ul>		
C. Operational Roads and Landings		
Planned or Existing	Public Comment	Exception
Conditions on Location, Construction or Use		
<ul style="list-style-type: none"><li>Refer to Section B</li></ul>	No	No
D. Forestry Aggregate Pits		
Planned or Existing	Exception	
Conditions on Location, Construction or Use		
<ul style="list-style-type: none"><li>Refer to Section B</li></ul>	No	

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
N10  <a href="#">(back to AOC list)</a>	YES	Active large colonies of bank swallows		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u></p> <ul style="list-style-type: none"><li>Known or suspected to have been occupied at least once within the past 5 years, unless documented as unoccupied for &gt;=3 consecutive years</li><li>50 m radius AOC measured from peripheral nests</li><li>The critical breeding period for bank swallows is May 1 to July 31</li><li>Direction applies to colonies known before or found during, operations.</li></ul> <p><u>Prescriptions:</u></p> <p><b>Critical Breeding Period and the Nests are Occupied:</b></p> <ul style="list-style-type: none"><li>Harvest, renewal and tending operations that are within the “high potential impact” category (see Table FMP-11.1) are not permitted within the AOC.</li><li>Renewal and tending operations categorized as “moderate potential impact” are allowed between 25-50 m of occupied nests.</li><li>Renewal and tending operations categorized in as “low potential impact” are allowed between 10-50 m of occupied nests.</li></ul> <p><b>Outside the Critical Breeding Period; or Within the Critical Breeding Period and the Nests are Not Occupied:</b></p> <ul style="list-style-type: none"><li>Regular harvest, renewal and tending operations are permitted within the AOC.</li></ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Page 76-77.	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>No new crossings or landings are permitted in the AOC.</li><li>Operations associated with roads, landings, and aggregate pits are not permitted within</li></ul>		No	No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

10-50 m of <i>occupied</i> nests within colonies during the <i>critical breeding period</i> based on potential impact (see table FMP-11.1), unless required for safety reasons or environmental protection. <ul style="list-style-type: none"><li>There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the colony.</li><li>Aggregate extraction is permitted within the AOC outside critical breeding period.</li></ul>		
C. Operational Roads and Landings		
Planned or Existing	Public Comment	Exception
Conditions on Location, Construction or Use		
<ul style="list-style-type: none"><li>Refer to Section B</li></ul>	No	No
D. Forestry Aggregate Pits		
Planned or Existing	Exception	
Conditions on Location, Construction or Use		
<ul style="list-style-type: none"><li>Refer to Section B</li></ul>	No	

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
N11  <a href="#">(back to AOC list)</a>	YES	Primary nests of great grey owl, northern goshawk, or red-shouldered hawk		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Definition:</u></p> <ul style="list-style-type: none"><li><b>Primary Nests</b> (AOC N11) are defined as 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 <b>inactive</b> (AOC N13). 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 <b>primary nest</b> (AOC N11); the other active nest(s) is(are) considered <b>alternate nest(s)</b> (AOC N12). 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.</li><li>400 m radius AOC centered on primary nests.</li><li>The critical breeding period for great grey owl, northern goshawk and red-shouldered hawk is <b>March 15 to July 15</b>.</li></ul> <p><u>Prescription:</u> Harvest, renewal and tending operations that will leave a residual stand structure below the minimum as described below are not permitted.</p> <p><b><u>0-300 m from primary nest</u></b> <b>Critical Breeding Period and the nest is occupied:</b></p> <ul style="list-style-type: none"><li>No harvest is permitted. If harvest occurred prior to discovery of the nest, see below.</li><li>Renewal and tending operations that are within the “high potential impact” category (see Table FMP-11.1) are not permitted within 200 m of occupied primary nests. Renewal and tending operations categorized as “moderate potential impact” are not allowed within 100 m of occupied primary nests.</li><li>Renewal and tending operations categorized as “low potential impact” are not allowed within 50 m of occupied primary nests.</li></ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Pages 77-80.	No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<ul style="list-style-type: none"> <li>All renewal and tending operations in previously harvested areas are subject to wildlife trees and downed woody material requirements outlined in Section 4.2.2.2 of the FMP.</li> </ul> <p><b>Outside of Critical Breeding Period; or Critical Breeding Period and the nest is not occupied:</b></p> <ul style="list-style-type: none"> <li>No harvest is permitted. If harvest occurred prior to discovery of the nest, see below.</li> <li>All renewal and tending operations in previously harvested areas are subject to wildlife trees and downed woody material requirements outlined in FMP text Section 4.2.2.2.</li> </ul> <p>If some harvest occurs within 300 m of a primary nest prior to its discovery, or if there are notable amounts of area within 300 m of the nest that are not suitable nesting habitat:</p> <ul style="list-style-type: none"> <li>Any harvest that occurs within 300m of a nest prior to its discovery is to stop immediately upon discovery of the nest and no further harvest is permitted. Harvested trees remaining in the harvested area are not permitted to be removed within 200 metres of the nest from during the critical breeding period.</li> <li>The 0-300 m part of the AOC will be extended to a maximum of 400 m from the nest (in an irregular shape) for a total retention of 28 ha of suitable nesting habitat.</li> <li>If any of the harvest occurred within 50 m of a primary nest prior to its discovery, the primary nest will be retained in a 0.8 ha unharvested patch that is as nearly circular as possible (to minimize edge).</li> </ul> <p><b><u>300 – 400 m from nest (or outside of the additional 28 ha area, as above):</u></b> Harvest, renewal or tending operations are permitted subject to residual pattern (See Note 2 above), wildlife trees and downed woody material requirements.</p>		
<b>B. Primary Roads, Branch Roads, and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>New roads, landing and aggregate pits are not permitted within 50 metres of a primary</li> </ul>	No	No

## FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

<p>nest or within the 0.8 ha patch of suitable habitat retained within 200 metres of a primary nest.</p> <ul style="list-style-type: none"> <li>Reasonable efforts will be made to avoid constructing new roads, landing and aggregate pits within 51-200 metres of a primary nest 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 metres.</li> <li>Operations associated with roads and landings are not permitted within 50-200 metres of an occupied nest during the critical breeding period (March 15<sup>th</sup> – July 15<sup>th</sup>) based on potential impact (refer to FMP-11.1), unless required for safety reasons or environmental protection. However, there is no timing restriction on hauling or low potential impact road maintenance operations (e.g. grading) if the road predates the nest.</li> </ul>		
<b>C. Operational Roads and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>	No	No
<b>D. Forestry Aggregate Pits</b>		
<b>Planned or Existing</b>		<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>		No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
<div>N12</div> <div><a href="#">(back to AOC list)</a></div>	YES	Alternate nests of great grey owl, northern goshawk, or red- shouldered hawk (see definition below)		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Definition: <ul style="list-style-type: none"><li>• <b>Alternate nests</b> (AOC N12) are defined as nests known or suspected to have been occupied at least once within the past 5 years that are not primary nests (AOC N11) 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 <b>inactive</b> (AOC N13).</li><li>• 50 m radius AOC centered on alternate nests.</li></ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Pages 80-81.	No
	Prescription: <ul style="list-style-type: none"><li>• Harvest is not permitted within the AOC. If harvest occurred prior to discovery of the nest, see below. If some harvest occurs within 50 m of an alternate nest prior to its discovery:<ul style="list-style-type: none"><li>• Harvest is to stop immediately upon discovery of the nest and no further harvest is permitted.</li><li>• The alternate nest will be retained in a 0.8 ha unharvested patch that is as nearly circular as possible (to minimize edge).</li></ul></li><li>• In previously harvested areas or areas harvested prior to discovery of the nest, renewal and tending operations that kill or knock down any trees are not permitted; all other renewal and tending operations are permitted.</li></ul>			
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
<ul style="list-style-type: none"><li>• New roads, landings and aggregate pits are not permitted within the AOC.</li><li>• No timing restriction on operations associated with existing roads, landings and aggregate pits.</li></ul>		No	No	

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<b>C. Operational Roads and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>	No	No
<b>D. Forestry Aggregate Pits</b>		
<b>Planned or Existing</b>		<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>		No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
<div>N13</div> <div><a href="#">(back to AOC list)</a></div>	YES	Inactive nests of great grey owl, northern goshawk, or red- shouldered hawk		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Definition: <ul style="list-style-type: none"><li><b>Inactive Nests</b> (AOC N13) are defined as:<ul style="list-style-type: none"><li>nests not known or suspected to have been occupied at least once within the past 5 years that are &gt;400 m from a primary nest (AOC N11) or &lt;=400 m from a primary nest but in poor repair</li><li>primary and alternate nests (N12) within nesting areas where all nests within the nesting area have been documented as unoccupied for &gt;=3 consecutive years.</li></ul></li><li>0-20m from the nest tree</li></ul> <u>Prescription:</u> <b>Nest in Good Repair:</b> <ul style="list-style-type: none"><li>Harvest is not permitted within 20 m of the nest; the patch may be counted as residual forest.</li></ul> <b>Nest Not in Good Repair:</b> <ul style="list-style-type: none"><li>Retain only nest tree as a wildlife tree.</li></ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Page 81.	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Reasonable efforts will be made to avoid constructing new roads, landings, and aggregate pits within 20 m of inactive nests.</li><li>No timing restriction on operations associated with roads, landings, and aggregate pits around inactive nests.</li></ul>		No	No

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**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<b>C. Operational Roads and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>	No	No
<b>D. Forestry Aggregate Pits</b>		
<b>Planned or Existing</b>	<b>Exception</b>	
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>	No	

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value																																										
N15	YES	Stick nests of barred owl, broad-winged hawk, common raven, Cooper’s hawk, great horned owl, long-eared owl, merlin, red-tailed hawk, or sharp-shinned hawk.																																										
	A. Operational Prescriptions for Areas of Concern																																											
	Operational Prescription			Source	Exception																																							
	Definition: <ul style="list-style-type: none"><li>Nests known or suspected to be occupied.</li><li>Direction applies to nests known before, or found during, operations. Refer to CROs FMP Section 4.2.2.2 for unoccupied stick nests.</li><li>50-200 m radius AOC as mapped centered on the occupied nest based on species as shown in Table A below.</li></ul> Prescription: <b><u>During the critical breeding period when the nest is occupied</u></b> <ul style="list-style-type: none"><li>Harvest, renewal, and tending operations are not permitted within the AOC (defined as the radius around the nest tree) based on the potential impact of the operation (see FMP-11.1).</li><li>Table A below shows the timing restriction to be applied and the critical breeding period for each species:</li></ul> Table A: <table><tr><th rowspan="2">Species</th><th rowspan="2">AOC radius (m)</th><th rowspan="2">Critical Breeding Period</th><th colspan="3">Distance from Nest (m) Timing Restriction During Critical Breeding Period if Nest is Occupied</th></tr><tr><th>High Impact Operations*</th><th>Moderate Impact Operations*</th><th>Low Impact Operations*</th></tr><tr><td>Great horned owl</td><td>100</td><td>February 1 to May 31</td><td>100 m</td><td>50 m</td><td>25 m</td></tr><tr><td>Common raven</td><td>50</td><td>February 15 to June 15</td><td>50 m</td><td>25 m</td><td>10 m</td></tr><tr><td>Barred owl</td><td>200</td><td>March 15 to July 15</td><td>200 m</td><td>100 m</td><td>50 m</td></tr><tr><td>Long-eared owl</td><td>100</td><td>March 15 to July 15</td><td>100 m</td><td>50 m</td><td>25 m</td></tr><tr><td>Red-tailed hawk</td><td>100</td><td>March 15 to July 15</td><td>100 m</td><td>50 m</td><td>25 m</td></tr></table>			Species	AOC radius (m)	Critical Breeding Period	Distance from Nest (m) Timing Restriction During Critical Breeding Period if Nest is Occupied			High Impact Operations*	Moderate Impact Operations*	Low Impact Operations*	Great horned owl	100	February 1 to May 31	100 m	50 m	25 m	Common raven	50	February 15 to June 15	50 m	25 m	10 m	Barred owl	200	March 15 to July 15	200 m	100 m	50 m	Long-eared owl	100	March 15 to July 15	100 m	50 m	25 m	Red-tailed hawk	100	March 15 to July 15	100 m	50 m	25 m	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Pages 82-83.	No
	Species	AOC radius (m)	Critical Breeding Period				Distance from Nest (m) Timing Restriction During Critical Breeding Period if Nest is Occupied																																					
High Impact Operations*				Moderate Impact Operations*	Low Impact Operations*																																							
Great horned owl	100	February 1 to May 31	100 m	50 m	25 m																																							
Common raven	50	February 15 to June 15	50 m	25 m	10 m																																							
Barred owl	200	March 15 to July 15	200 m	100 m	50 m																																							
Long-eared owl	100	March 15 to July 15	100 m	50 m	25 m																																							
Red-tailed hawk	100	March 15 to July 15	100 m	50 m	25 m																																							

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

Broad-winged hawk	100	April 1 to July 31	100 m	50 m	25 m
Cooper's hawk	100	April 1 to July 31	100 m	50 m	25 m
Merlin	50	April 1 to July 31	50 m	25 m	10 m
Sharp-shinned hawk	50	April 1 to July 31	50 m	25 m	10 m

**Outside of the critical breeding period**

- Regular harvesting, renewal and tending can occur within the AOC subject to the following conditions (Table B) as defined by species:

**Table B:**

Species	Retain
Broad-winged hawk, merlin, sharp-shinned hawk	The nest tree will be retained as a wildlife tree if the nest is in good repair or the nest tree contains a good fork.
Barred owl, Cooper's hawk, common raven, great horned owl, long-eared owl, red-tailed hawk	If the nest is good repair, the nest tree will be retained in an unharvested residual patch ( $\geq 20$ m radius around the nest tree; this may be counted as residual forest). If the nest is in poor repair, the nest tree will be retained as a wildlife tree.

**B. Primary Roads, Branch Roads, and Landings**

Planned or Existing	Public Comment	Exception
Conditions on Location, Construction or Use		
<ul style="list-style-type: none"> <li>New roads, landings and aggregate pits will not be constructed within 20 m of nests of barred owl, common raven, Cooper's hawk, great horned owl, long eared owl, and red-tailed hawk.</li> <li>New roads and landings will not be constructed within 20 m of nests of the broad-winged hawk, merlin and sharp-shinned hawk, unless no practical or feasible alternative locations exist (e.g. due to extremely rugged terrain in adjacent areas outside the AOC) in which case only one operational road or landing is permitted in the AOC. Where this is</li> </ul>	No	No



**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value																																																						
N16	YES	Nests/ communal roosts in cavities occupied by or previously used by American kestrel, barred owl, boreal owl, eastern screech-owl, great horned owl, northern hawk owl or northern saw-whet owl.																																																						
	A. Operational Prescriptions for Areas of Concern																																																							
	Operational Prescription			Source	Exception																																																			
	<p>Description:</p> <ul style="list-style-type: none"><li>Nests/communal roosts in cavities known or suspected to be occupied.</li><li>Direction applies to nests known before, or found during, operations.</li><li>Refer to CROs FMP Section 4.2.2.2 for unoccupied nests/communal roosts in cavities.</li><li>25-100 m radius AOC as mapped based on species as shown in Table A below:</li></ul> <p>Prescription:</p> <p><b><u>During the critical breeding period when the nest is occupied:</u></b></p> <ul style="list-style-type: none"><li>Harvest, renewal, and tending operations are not permitted with the AOC (defined as the radius around the nest tree) based on the potential impact of the operation (see FMP-11.1). Table A below shows the timing restriction to be applied and the critical breeding period for each species:</li></ul> <p><b>Table A:</b></p> <table><tr><th rowspan="2">Species</th><th rowspan="2">AOC radius (m)</th><th rowspan="2">Critical Breeding Period</th><th colspan="3">Distance from Nest (m) Timing Restriction During Critical Breeding Period if Nest is Occupied</th></tr><tr><th>High Impact Operations*</th><th>Moderate Impact Operations*</th><th>Low Impact Operations*</th></tr><tr><td>Barred owl</td><td>100</td><td>March 15 to July 15</td><td>100 m</td><td>50 m</td><td>25 m</td></tr><tr><td>Great horned owl</td><td>50</td><td>February 1 to May 31</td><td>50 m</td><td>25 m</td><td>10 m</td></tr><tr><td>Northern hawk owl</td><td>50</td><td>March 15 to July 15</td><td>50 m</td><td>25 m</td><td>10 m</td></tr><tr><td>American kestrel</td><td>25</td><td>April 1 to July 31</td><td>25 m</td><td>10 m</td><td>0 m</td></tr><tr><td>Boreal Owl</td><td>25</td><td>April 1 to July 31</td><td>25 m</td><td>10 m</td><td>0 m</td></tr><tr><td>Eastern screech-owl</td><td>25</td><td>March 15 to July 15</td><td>25 m</td><td>10 m</td><td>0 m</td></tr><tr><td>Northern saw-whet</td><td>25</td><td>March 15 to July 15</td><td>25 m</td><td>10 m</td><td>0 m</td></tr></table>			Species	AOC radius (m)	Critical Breeding Period	Distance from Nest (m) Timing Restriction During Critical Breeding Period if Nest is Occupied			High Impact Operations*	Moderate Impact Operations*	Low Impact Operations*	Barred owl	100	March 15 to July 15	100 m	50 m	25 m	Great horned owl	50	February 1 to May 31	50 m	25 m	10 m	Northern hawk owl	50	March 15 to July 15	50 m	25 m	10 m	American kestrel	25	April 1 to July 31	25 m	10 m	0 m	Boreal Owl	25	April 1 to July 31	25 m	10 m	0 m	Eastern screech-owl	25	March 15 to July 15	25 m	10 m	0 m	Northern saw-whet	25	March 15 to July 15	25 m	10 m	0 m	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Pages 85-86.	No
	Species	AOC radius (m)	Critical Breeding Period				Distance from Nest (m) Timing Restriction During Critical Breeding Period if Nest is Occupied																																																	
High Impact Operations*				Moderate Impact Operations*	Low Impact Operations*																																																			
Barred owl	100	March 15 to July 15	100 m	50 m	25 m																																																			
Great horned owl	50	February 1 to May 31	50 m	25 m	10 m																																																			
Northern hawk owl	50	March 15 to July 15	50 m	25 m	10 m																																																			
American kestrel	25	April 1 to July 31	25 m	10 m	0 m																																																			
Boreal Owl	25	April 1 to July 31	25 m	10 m	0 m																																																			
Eastern screech-owl	25	March 15 to July 15	25 m	10 m	0 m																																																			
Northern saw-whet	25	March 15 to July 15	25 m	10 m	0 m																																																			

## FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

owl													
<b>Outside of the critical breeding period</b> <ul style="list-style-type: none"><li>Regular harvesting, renewal and tending can occur within the AOC subject to the following conditions as defined by species (Table B):</li></ul> <b>Table B:</b> <table><tr><th>Species</th><th>Retain</th></tr><tr><td>Trees used by American kestrel, boreal owl, eastern screech-owl, northern hawk owl, northern saw-whet owl</td><td>The nest tree will be retained as a wildlife tree if not a safety concern.</td></tr><tr><td>Trees used by barred owl, great horned owl</td><td>The nest/communal roost tree will be retained in an unharvested residual patch (≥20 m radius) (may be counted as residual forest).</td></tr></table>						Species	Retain	Trees used by American kestrel, boreal owl, eastern screech-owl, northern hawk owl, northern saw-whet owl	The nest tree will be retained as a wildlife tree if not a safety concern.	Trees used by barred owl, great horned owl	The nest/communal roost tree will be retained in an unharvested residual patch (≥20 m radius) (may be counted as residual forest).		
Species	Retain												
Trees used by American kestrel, boreal owl, eastern screech-owl, northern hawk owl, northern saw-whet owl	The nest tree will be retained as a wildlife tree if not a safety concern.												
Trees used by barred owl, great horned owl	The nest/communal roost tree will be retained in an unharvested residual patch (≥20 m radius) (may be counted as residual forest).												
<b>B. Primary Roads, Branch Roads, and Landings</b>													
<b>Planned or Existing</b>				<b>Public Comment</b>	<b>Exception</b>								
<b>Conditions on Location, Construction or Use</b>													
<ul style="list-style-type: none"><li>New roads and landings will not be constructed within 20 m of nests/communal roosts of the barred owl or great horned owl.</li><li>New roads and landings will not be constructed within 20 m of nests of the American kestrel, boreal owl, eastern screech-owl, northern hawk-owl or northern saw-whet owl, unless no practical or feasible alternative locations exist (e.g. due to extremely rugged terrain in adjacent areas outside the AOC) in which case only one operational road or landing is permitted in the AOC. Where this is necessary specific locations will be identified in the AWS.</li><li>Operations associated with roads, landings and aggregate pits are not permitted within 0-100 metres of occupied nests during the critical breeding/roosting period based on potential impact (refer to FMP-11.1) for safety reasons or environmental protections. However, 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.</li></ul>				No	No								

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<b>C. Operational Roads and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>	No	No
<b>D. Forestry Aggregate Pits</b>		
<b>Planned or Existing</b>		<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>		No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value																																		
<div>N17</div> <div><a href="#">(back to AOC list)</a></div>	YES	Ground Nests occupied by northern harrier, short-eared owl, or turkey vulture																																		
	A. Operational Prescriptions for Areas of Concern																																			
	Operational Prescription			Source	Exception																															
	Description: <ul style="list-style-type: none"><li>50-150 m AOC as mapped based on species as shown in Table A below:</li></ul> <b>Table A:</b> <table><tr><th>Species</th><th>Radius of AOC</th></tr><tr><td>Turkey vulture</td><td>150 m</td></tr><tr><td>Short-eared owl</td><td>100 m</td></tr><tr><td>Northern harrier</td><td>50 m</td></tr></table> <u>Prescription:</u> <ul style="list-style-type: none"><li>Regular harvest, renewal, and tending operations are permitted with timing restrictions (see Table B below), as per impacts described in Table FMP-11.1.</li></ul> <b>Table B:</b> <table><tr><th rowspan="2">Species</th><th rowspan="2">Critical Breeding Period</th><th colspan="3">Distance from Nest (m) with Timing Restriction During Critical Breeding Period if Nest is <i>Occupied</i></th></tr><tr><th>High Impact Operations</th><th>Moderate Impact Operations</th><th>Low Impact Operations</th></tr><tr><td>Turkey vulture</td><td>May 1 to August 31</td><td>150 m</td><td>75 m</td><td>40 m</td></tr><tr><td>Short-eared owl</td><td>March 15 to July 15</td><td>100 m</td><td>50 m</td><td>25 m</td></tr><tr><td>Northern harrier</td><td>April 1 to July 31</td><td>50 m</td><td>25 m</td><td>10 m</td></tr></table>			Species	Radius of AOC	Turkey vulture	150 m	Short-eared owl	100 m	Northern harrier	50 m	Species	Critical Breeding Period	Distance from Nest (m) with Timing Restriction During Critical Breeding Period if Nest is <i>Occupied</i>			High Impact Operations	Moderate Impact Operations	Low Impact Operations	Turkey vulture	May 1 to August 31	150 m	75 m	40 m	Short-eared owl	March 15 to July 15	100 m	50 m	25 m	Northern harrier	April 1 to July 31	50 m	25 m	10 m	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Pages 87-88.	No
	Species	Radius of AOC																																		
	Turkey vulture	150 m																																		
	Short-eared owl	100 m																																		
	Northern harrier	50 m																																		
	Species	Critical Breeding Period	Distance from Nest (m) with Timing Restriction During Critical Breeding Period if Nest is <i>Occupied</i>																																	
			High Impact Operations	Moderate Impact Operations	Low Impact Operations																															
Turkey vulture	May 1 to August 31	150 m	75 m	40 m																																
Short-eared owl	March 15 to July 15	100 m	50 m	25 m																																
Northern harrier	April 1 to July 31	50 m	25 m	10 m																																
B. Primary Roads, Branch Roads, and Landings																																				
Planned or Existing			Public Comment	Exception																																
Conditions on Location, Construction or Use																																				
No new crossings or landings are permitted in the AOC during the critical breeding period.			No	No																																

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<ul style="list-style-type: none"><li>Operations associated with roads, landings, and aggregate pits are not permitted within 10-150 m of <i>occupied</i> nests during the <i>critical breeding period</i> based on potential impact and species (see table in <i>Operational Prescription for the AOC</i>), unless required for safety reasons or environmental protection.</li><li>However, there is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest.</li></ul>		
C. Operational Roads and Landings		
Planned or Existing	Public Comment	Exception
Conditions on Location, Construction or Use		
<ul style="list-style-type: none"><li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li></ul>	No	No
D. Forestry Aggregate Pits		
Planned or Existing	Exception	
Conditions on Location, Construction or Use		
<ul style="list-style-type: none"><li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li></ul>	No	

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
<div>N20</div> <div><a href="#">(back to AOC list)</a></div>	YES	Whip-poor-will Nesting Site		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none"><li>200 m radius AOC centered on nesting sites</li><li>Upon discovery of a whip-poor-will nesting site, the local MNRF biologist will be notified so that they can confirm the species using the nesting site.</li><li>The critical breeding period for Whip-poor-will is May 1<sup>st</sup> to August 14<sup>th</sup>.</li></ul> Prescription: <ul style="list-style-type: none"><li>No forest harvest operations permitted within 200 m from the nesting site.</li><li>Site preparation, renewal and tending operations of previously harvested areas within the AOC are only permitted outside of the critical breeding period.</li><li>Residual pattern, wildlife trees and downed woody material will be retained.</li></ul> <u>Note:</u> Nest searches are not encouraged due to sensitivity of eggs and/or offspring.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>No new crossings or landings are permitted in the AOC.</li><li>There is no timing restriction on hauling or low potential impact road maintenance operations (e.g. grading) if the road predates the nest.</li></ul>		No	No
	C. Operational Roads and Landings			
	Planned or Existing		Public Comment	Exception

Management Unit Name: Dryden Forest  
Plan Period: April 1, 2021 to March 31, 2031

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Operations associated with roads, landings and aggregate pits are not permitted within 200 metres of <i>occupied nests during the critical breeding period</i> (May 1st to August 14<sup>th</sup>) based on potential impact (see FMP-11.1 below), unless required for safety reasons or environmental protection.</li><li>There is no timing restriction on hauling or low potential impact road maintenance operations (e.g. grading) if the road predates the nest.</li></ul>		No	No
D. Forestry Aggregate Pits				
	Planned or Existing			Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li></ul>	No		

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
<div>N22</div> <div><a href="#">(back to AOC list)</a></div>	YES	Bat Roosting Site		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<div>Description:</div> <ul style="list-style-type: none"><li>Trees or other natural features known to be occupied by roosting female bats with pups that belong to bat species at risk.</li><li>A 60 metres radius AOC centered on the bat roosting site</li></ul> <div>Prescription:</div> <ul style="list-style-type: none"><li>No harvest, renewal, and tending operations are permitted within the AOC.</li><li>When an unidentified bat roosting site value is encountered during operations, this AOC will be applied, and no further harvesting will occur within the AOC. Operations may continue only to immediately remove previously harvested trees from the area within the AOC. Removal of previously harvested trees will be done in such a manner as to not knock down any standing residual trees.</li></ul>		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>New roads and landings are not permitted within the AOC.</li></ul>		No	No
	C. Operational Roads and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>New roads and landings are not permitted within the AOC.</li></ul>		No	No

Management Unit Name: Dryden Forest  
Plan Period: April 1, 2021 to March 31, 2031

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS  
AND FORESTRY AGGREGATE PITS**

	<b>D. Forestry Aggregate Pits</b>	
	<b>Planned or Existing</b>	<b>Exception</b>
	<b>Conditions on Location, Construction or Use</b>	
	<ul style="list-style-type: none"><li>New aggregate pits are not permitted within the AOC.</li></ul>	No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
N23  <a href="#">(back to AOC list)</a>	YES	Common Nighthawk Nesting Habitat		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none"><li>This direction applies to Common Nighthawk habitat known to be occupied or suspected to have been occupied by a breeding pair within the past 2 years.</li><li>The dimensions of the AOC are as mapped.</li><li>The AOC is comprised solely of a Modified Operations Area.</li><li>Occupied habitat can be defined by observing nesting individuals, or by observing suspected breeding individuals.</li><li>Determining nest habitat can be difficult, and the direction below is intended to be applied to entire open areas (e.g. entire block, forest stand, or pit) unless a nest site is known. Common Nighthawk may nest in open habitats (previous cut blocks; bogs; rock barrens; or in rare cases low stocked stands) or modified open habitats (gravel roads; pits). If blocks are large and there is enough information to support a general nesting location, the block may be split and the AOC applied to the occupied portion of the block, based on review by MNRF.</li></ul>		Planning Team	No
	Prescription: <ul style="list-style-type: none"><li>No harvest, renewal, or tending that utilizes machinery during June and July* (e.g. mechanical site preparation).</li><li>Where activities including renewal, and tending involves foot effort (tree plant, backpack chemical tending), staff will avoid areas (15-20m radius) where a Common Nighthawk is observed (e.g. flushed).</li><li>Where feasible, aerial chemical tending will be completed as late in the season as possible.</li></ul>			
* Dates may be modified based on review by MNRF.				

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<b>B. Primary Roads, Branch Roads, and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>New roads and landings are not permitted to be constructed within the AOC during June or July</li> <li>If a nest is discovered on an existing road, the nest will be marked (flagging tape, pylon) and neither traffic nor road maintenance activities will compromise the nest.</li> <li>If possible, roads with known nests will not be used until the nest has hatched and the chicks are mobile.</li> </ul>	No	No
<b>C. Operational Roads and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>	No	No
<b>D. Forestry Aggregate Pits</b>		
<b>Planned or Existing</b>	<b>Exception</b>	
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Aggregate extraction is not permitted in June or July.</li> </ul>	No	

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
<div>N24</div> <div><a href="#">(back to AOC list)</a></div>	YES	Barn Swallow Nesting Sites		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<ul style="list-style-type: none"><li>Not applicable.</li><li>Conditions on roads, landings and forestry aggregate pits only. Refer to section B and C below .</li><li>The critical breeding period for barn swallows is <b><u>May 1st to August 31st</u></b></li></ul>		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>As a component of the required 3-year inspection on forestry bridges and prior to any major bridge maintenance activity (i.e. deck and/or bridge replacement), the Company will also be required to examine the underside of bridges to determine if Barn Swallow nesting activity is present. If it is determined that Barn Swallow are nesting on a respective bridge, the Company will notify the MNRF District Management Biologist as soon as it is identified. The Company will work with the MNRF District Management Biologist to address respective Barn Swallow nesting occurrences.</li></ul>		No	No
	C. Operational Roads and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Refer to Section B.</li></ul>		No	No
	D. Forestry Aggregate Pits			
	Planned or Existing			Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>No conditions applied to aggregate pits.</li></ul>			No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
<b>N25</b>  <a href="#">(back to AOC list)</a>	YES	Bat Hibernacula		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none"><li>Hibernacula known to be suitable and to have been used at least once within the past 20 years</li><li>200 m radius AOC centered on the entrance to the hibernaculum.</li><li>Hibernation and Associated Entrance/Emergence Period is September 1<sup>st</sup> to May 30<sup>th</sup></li></ul> Prescription: <b><u>0–100 m from hibernaculum entrance</u></b> <ul style="list-style-type: none"><li>Harvest, renewal and tending operations are not permitted.</li></ul> <b><u>101-200 m from hibernaculum entrance, During Hibernation and Associated Entrance/Emergence Periods):</u></b> <ul style="list-style-type: none"><li>Harvest, renewal, and tending operations involving heavy equipment are not permitted.</li></ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 99-100	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>New roads, landings, and aggregate pits are not permitted within the inner 100 m of the AOC.</li><li>Reasonable efforts will be made to avoid constructing new roads, landings, and aggregate pits within the outer 100 m of the AOC.</li><li>When roads are constructed within the AOC, temporary roads and/or water crossings</li></ul>		No	No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

will be used whenever practical and feasible to limit future access and disturbance.		
<b><u>September 1<sup>st</sup> to May 30<sup>th</sup> (During Hibernation and Associated Entrance/Emergence Periods)</u></b> <ul style="list-style-type: none"><li>Road construction and aggregate extraction are not permitted in the AOC.</li><li>Hauling and road maintenance operations are not permitted within the inner 100 m of the AOC unless the road predates the hibernaculum, is required for safety reasons or environmental protection.</li></ul>		
<b>C. Operational Roads and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"><li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li></ul>	No	No
<b>D. Forestry Aggregate Pits</b>		
<b>Planned or Existing</b>		<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"><li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li></ul>		No

## FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

AOC ID	Group AOC	Description of Value		
<b>P01</b>  <a href="#">(back to AOC list)</a>	Group	Provincial Park and Other Protected Areas		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u></p> <ul style="list-style-type: none"><li>30 metres area of concern (AOC) will be applied to all blocks adjacent to the Provincial Park or other protected areas (e.g. Conservation Reserve, Nature Reserve).</li></ul> <p><u>Prescription:</u></p> <p>Harvest operations are permitted subject to the procedure below being implemented in the following order:</p> <ol style="list-style-type: none"><li>If the boundary had been previously established by a licenced surveyor and the boundary markers and monuments can be located then the harvest boundary will be established along the boundary markers and monuments. Regular harvest, renewal and tending operations are permitted in allocated blocks.</li><li>If there is an agreement regarding the placement of the limit of forest operations then the harvest boundary will be placed according to the agreement. Regular harvest, renewal and tending operations are permitted in allocated blocks subject to this agreement.</li><li>If neither 1) or 2) above apply, the harvest boundary will be established so that a buffer is put in between the mapped boundary and the harvest block. The size of the buffer will be no more than 30 metres wide, will be marked and will be determined by the forest operator's level of uncertainty regarding the true location of the boundary.</li></ol> <p>Regular harvest, renewal and tending operations are permitted outside of the marked reserve buffer.</p>		Planning Team (Provided by Ontario Parks)	No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

B. Primary Roads, Branch Roads, and Landings			
Planned or Existing		Public Comment	Exception
Conditions on Location, Construction or Use			
<ul style="list-style-type: none"><li>No new roads, landings or pits are permitted within the AOC unless terrain conditions prevent access.<ul style="list-style-type: none"><li>Roads constructed within the AOC will be rendered impassable to vehicles, such as half-ton pick-up trucks, at the completion of forest renewal activities.</li><li>Roads constructed within the AOC will be regenerated within 2 years of completion of harvest and renewal activities (i.e. mechanical site preparation and tree plant).</li></ul></li><li>No restrictions on existing roads in the AOC.</li></ul>		No	No
C. Operational Roads and Landings			
Planned or Existing		Public Comment	Exception
Conditions on Location, Construction or Use			
<ul style="list-style-type: none"><li>No operational roads or landings are permitted in the AOC.</li></ul>		No	No
D. Forestry Aggregate Pits			
Planned or Existing			Exception
Conditions on Location, Construction or Use			
<ul style="list-style-type: none"><li>No aggregate extraction is permitted. No new aggregate pits are permitted.</li></ul>			No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
P02	Group	Patent Land and Land Use Permits		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p>Description:</p> <ul style="list-style-type: none"><li>AOC width is 30 metres from the boundary of mapped patent land adjacent to allocated harvest blocks.</li><li>The distance can be changed based on negotiations with landowner or land use permit holder.</li></ul> <p>Prescription:</p> <p>Harvest operations are permitted subject to the procedure below being implemented in the following order:</p> <ol style="list-style-type: none"><li>1) If the boundary had been previously established by a licenced surveyor and the boundary markers and monuments can be located then the harvest boundary will be established along the boundary markers and monuments. Regular harvest, renewal and tending operations are permitted in allocated blocks.</li><li>2) If there is an agreement regarding the placement of the limit of forest operations then the harvest boundary will be placed according to the agreement. Regular harvest, renewal and tending operations are permitted in allocated blocks subject to this agreement.</li><li>3) If neither 1) or 2) above apply, the harvest boundary will be established so that a buffer is put in between the mapped boundary and the harvest block. The size of the buffer will be no more than 30 metres wide, will be marked and will be determined by the forest operator's level of uncertainty regarding the true location of the boundary.</li></ol> <p>Regular harvest, renewal and tending operations are permitted outside of the marked reserve buffer.</p>		Planning Team	No

[\(back to AOC list\)](#)

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<b>B. Primary Roads, Branch Roads, and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Roads and landings are allowed in AOC up to the established harvest boundary.</li> <li>No roads are permitted between the harvest boundary and the patent land without the permission of the patent landowner.</li> </ul>	No	No
<b>C. Operational Roads and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Operational road crossings are allowed with a maximum right-of-way width of 20 metres.</li> </ul>	No	No
<b>D. Forestry Aggregate Pits</b>		
<b>Planned or Existing</b>	<b>Exception</b>	
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>No new aggregate pits are permitted.</li> </ul>	No	

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
<div>P03</div> <div><a href="#">(back to AOC list)</a></div>	Group	Railroad Right-of-Way		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<div>Description:</div> <ul style="list-style-type: none"><li>50 metres AOC from railway right of way</li></ul> <div>Prescriptions:</div> <ul style="list-style-type: none"><li>Harvesting permitted within AOC. Trees to be felled away from tracks</li><li>No residual trees to be left standing within AOC</li><li>No landings permitted within AOC</li><li>No slash piles or chipper debris piles within AOC</li><li>All forest management activities permitted</li></ul>		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Roads are allowed in AOC up to the railway right of way.</li><li>No landings are permitted within the AOC</li><li>No slash piles or chipper debris piles are allowed within the AOC</li></ul>		No	No
	C. Operational Roads and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Refer to Section B</li></ul>		No	No
	D. Forestry Aggregate Pits			
	Planned or Existing			Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>No aggregate extraction is permitted.</li></ul>			No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
P04	YES	Natural Gas Transmission Pipeline		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u></p> <ul style="list-style-type: none"><li>30-metres from the TC Energy natural gas transmission pipeline right-of-way, anti-corrosion wires, or associated facilities.</li></ul> <p><u>Prescription:</u></p> <ul style="list-style-type: none"><li>Notify TC Energy a minimum of 1 week PRIOR to commencement of operations adjacent to, on or across pipelines and associated facilities.</li><li>Use the TC Energy Crossing Application portal at <a href="https://pi-iaqforms.tcenergy.com/Runtime/Runtime/Form/Welcome.Form/">https://pi-iaqforms.tcenergy.com/Runtime/Runtime/Form/Welcome.Form/</a></li><li>Meet with a TC Energy Representative, as required</li><li>No mobile equipment or vehicles larger than a ¾ ton are allowed on the pipeline right-of-way at any time, unless on an authorized and approved pipeline crossing or are road construction equipment performing work that is approved and authorized by TC Energy.</li><li>Any ¾ tons and smaller vehicles are permitted to cross the pipeline if there is no site impact and the crossings are infrequent in nature.</li><li>All forest management activities are permitted.</li><li>Forestry equipment is not permitted to operate within the TC Energy right-of-way, unless authorized by TC Energy, and should travel in a manner to avoid any damage to pipeline, anti-corrosion wires or associated facilities.</li><li>Contact the TC Energy Representative if a felled tree has fallen onto any associated facility and follow their instructions.</li><li>Any contact with the pipe, pipe coating, or associated facilities must be reported to</li></ul> <p><b>TC Energy Emergency Number 1-888-982-7222</b></p>		Planning Team (in consultation with Union Gas)	No

[\(back to AOC list\)](#)

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<a href="#">(back to AOC list)</a>	B. Primary Roads, Branch Roads, and Landings		
	Planned or Existing	Public Comment	Exception
	Conditions on Location, Construction or Use		
	<ul style="list-style-type: none"> <li>If crossing the pipeline, permission must be granted from TC Energy Pipelines before construction of the crossing may begin. Conditions on construction of crossing will be determined by TC Energy Pipeline at the time of approval of the crossing.</li> <li>Notify TC Energy a minimum of 1 week PRIOR to commencement of operations adjacent to, on or across pipelines and associated facilities.</li> <li>Use the TC Energy Crossing Application portal at <a href="https://pi-iaqforms.tcenergy.com/Runtime/Runtime/Form/Welcome.Form/">https://pi-iaqforms.tcenergy.com/Runtime/Runtime/Form/Welcome.Form/</a></li> <li>Any aggregate extraction or road construction within 30 metres of or across the pipeline right-of-way will require a safe zone work approval from TC Energy. TC Energy will reply within 10 working days of such application.</li> </ul>		No
	C. Operational Roads and Landings		
	Planned or Existing	Public Comment	Exception
	Conditions on Location, Construction or Use		
	<ul style="list-style-type: none"> <li>Refer to Section B</li> </ul>	No	No
	D. Forestry Aggregate Pits		
	Planned or Existing	Exception	
	Conditions on Location, Construction or Use		
	<ul style="list-style-type: none"> <li>Aggregate pits are not permitted within the AOC.</li> <li>Any aggregate extraction or road construction within 30 metres of or across the pipeline right-of-way will require a safe zone work approval from TC Energy. TC Energy will reply within 10 working days of such application.</li> </ul>	No	

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
P05  <a href="#">(back to AOC list)</a>	YES	Hydro Line Right-of-Way		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u></p> <ul style="list-style-type: none"><li>Modified operations within the 30 metres AOC, as measured from the edge of transmission right-of-way:</li></ul> <p><u>Prescription:</u></p> <ul style="list-style-type: none"><li>Equipment is not permitted within the transmission line right-of-way, unless obtained written permission from Hydro One Networks Inc.</li><li>All standing merchantable timber and snag trees (e.g. seed trees, residual wildlife trees) are to be removed within the AOC.</li><li>Reasonable efforts will be made to fell any standing unmerchantable timber taller than 4 metres within the AOC that poses a risk of impeding/falling into the transmission right-of-way.</li><li>Trees are to be felled controlling the direction away from the transmission line(s) and all precautions should be taken to ensure that trees do not come into contact with any transmission line(s) as they are being felled.</li><li>No chipper piles, debris piles, or landings are permitted within the AOC or the transmission right-of-way unless prior written authorization has been issued by Hydro One.</li><li>Renewal and tending activities are permitted as per the approved SGRs</li></ul>		Planning Team (in consultation with Hydro One)	No
	<p>Contact Information:      <b>Hydro One Emergency 1-800-434-1235</b></p> <p>Transmission Corridor Maintenance1-888-664-9376 One Call (<a href="https://www.on1call.com/">https://www.on1call.com/</a>)</p>			

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<a href="#">(back to AOC list)</a>	B. Primary Roads, Branch Roads, and Landings		
	Planned or Existing	Public Comment	Exception
	Conditions on Location, Construction or Use		
	<ul style="list-style-type: none"> <li>Prior to construction of roads within 30 metres, or across transmission line right-of-ways, Hydro One Networks Inc. must be contacted with specific location details and construction/crossing plans and forest management staff/operators must await direction from Hydro One prior to commencing construction.</li> </ul> <p>Contact Information:      <b>Hydro One Emergency 1-800-434-1235</b> Transmission Corridor Maintenance1-888-664-9376 One Call (<a href="https://www.on1call.com/">https://www.on1call.com/</a>)</p>	No	No
	C. Operational Roads and Landings		
	Planned or Existing	Public Comment	Exception
	Conditions on Location, Construction or Use		
	<ul style="list-style-type: none"> <li>Refer to Section B</li> </ul>	No	No
	D. Forestry Aggregate Pits		
	Planned or Existing	Exception	
	Conditions on Location, Construction or Use		
	<ul style="list-style-type: none"> <li>Aggregate pits are not permitted within the AOC.</li> </ul>	No	

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value																															
<div>PL01</div> <div><a href="#">(back to AOC list)</a></div>	YES	Research Trials and Tree Orchards																															
	A. Operational Prescriptions for Areas of Concern																																
	Operational Prescription						Source	Exception																									
	Description: <ul style="list-style-type: none"><li>Variable AOC widths as described in the research project plan or table below</li></ul> <table><tr><th>Research Trial / Tree Orchard</th><th>Research plot name</th><th>Plot type</th><th>Protection</th><th>AOC Width</th></tr><tr><td>Seed Orchard – Melgund</td><td>Clonal – Sb</td><td>Permanent</td><td>No-Cut</td><td>10m</td></tr><tr><td>Seed Orchard – Rugby</td><td>Clonal – Sw</td><td>Permanent</td><td>No-Cut</td><td>10m</td></tr><tr><td>Seed Orchard – Stenburg</td><td>Clonal – Pj/Sb</td><td>Permanent</td><td>No-Cut</td><td>10m</td></tr><tr><td>Provenance Trial – Rugby</td><td>Provenance</td><td>Permanent</td><td>No-Cut</td><td>10m</td></tr></table>						Research Trial / Tree Orchard	Research plot name	Plot type	Protection	AOC Width	Seed Orchard – Melgund	Clonal – Sb	Permanent	No-Cut	10m	Seed Orchard – Rugby	Clonal – Sw	Permanent	No-Cut	10m	Seed Orchard – Stenburg	Clonal – Pj/Sb	Permanent	No-Cut	10m	Provenance Trial – Rugby	Provenance	Permanent	No-Cut	10m	Planning Team	No
	Research Trial / Tree Orchard	Research plot name	Plot type	Protection	AOC Width																												
	Seed Orchard – Melgund	Clonal – Sb	Permanent	No-Cut	10m																												
	Seed Orchard – Rugby	Clonal – Sw	Permanent	No-Cut	10m																												
	Seed Orchard – Stenburg	Clonal – Pj/Sb	Permanent	No-Cut	10m																												
	Provenance Trial – Rugby	Provenance	Permanent	No-Cut	10m																												
	Prescription: <ul style="list-style-type: none"><li>A reserve width based on the table above will be applied from the perimeter of the trial/orchard.</li><li>Regular orchard work and data collection will not require AWS approval.</li></ul>																																
	B. Primary Roads, Branch Roads, and Landings																																
	Planned or Existing						Public Comment	Exception																									
Conditions on Location, Construction or Use																																	
<ul style="list-style-type: none"><li>New crossings or landings are not permitted in the AOC.</li><li>Existing Road Use – no conditions apply</li></ul>						No	No																										
C. Operational Roads and Landings																																	
Planned or Existing						Public Comment	Exception																										
Conditions on Location, Construction or Use																																	
<ul style="list-style-type: none"><li>New crossings or landings are not permitted in the AOC.</li><li>Existing Road Use – no conditions apply</li></ul>						No	No																										

Management Unit Name: Dryden Forest  
Plan Period: April 1, 2021 to March 31, 2031

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS  
AND FORESTRY AGGREGATE PITS**

D. Forestry Aggregate Pits		
Planned or Existing		Exception
Conditions on Location, Construction or Use		
• Aggregate pits are not permitted in the AOC		No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
PL02	YES	Provincial Forest Growth & Yield Research Plots: Permanent Growth Plot (PGP)		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u> A PGP is a variable area plot (refer to Land Information Ontario [LIO] Research Plot Protected layer).</p> <p><u>Prescription:</u> Research Plot Protection, Protection Prescription Ident: <b>Full Protection</b></p> <ul style="list-style-type: none"><li>No harvest, renewal or tending within Research Plot Protection area (polygon).</li><li>Do not extend the AOC to include area on the opposite side of existing roads.</li></ul> <p><b>OR</b> Research Plot Protection, Protection Prescription Ident: <b>Full Protection - Negotiable</b> A separate individual AOC must be developed and approved for any harvest, renewal or tending activities within a PGP AOC.</p> <p>The Growth &amp; Yield Program may permit some forest management activities within a PGP AOC, such as harvest, thinning, or tending operations, in order to monitor the impact of these activities. Discussions with the MNRF Growth &amp; Yield Program specialist will determine where and when this may occur. Permission to carry out such activities must be documented in writing by the MNRF Growth &amp; Yield Program specialist and will be used for a separate AOC prescription to be developed and approved.</p> <p>If the following forest management activities are planned in the area adjacent to a PGP AOC, contact the MNRF Growth &amp; Yield Program specialist for consideration of these activities in a PGP AOC:</p> <ol style="list-style-type: none"><li>clearcut (in PGPs only), selection, or shelterwood harvest,</li><li>commercial thinning harvest, or</li><li>tending activities (e.g., herbicide application, pre-commercial thinning).</li></ol>		<p>OMNR Growth and Yield Program PSP and PGP Reference Manual</p> <p>Forest Co-op Field Manual for the Location &amp; Measurement of Permanent Growth Plots</p> <p>MNRF Forest Productivity Science Specialist</p>	No

[\(back to AOC list\)](#)

[\(back to AOC list\)](#)

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<b>B. Primary Roads, Branch Roads, and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>New crossings or landings are not permitted in the AOC.</li> </ul>	No	No
<b>C. Operational Roads and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>New crossings or landings are not permitted in the AOC.</li> </ul>	No	No
<b>D. Forestry Aggregate Pits</b>		
<b>Planned or Existing</b>	<b>Exception</b>	
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Aggregate pits are not permitted in the AOC</li> </ul>	No	

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
<div>PL03</div> <div><a href="#">(back to AOC list)</a></div>	YES	Permanent Sample Plot (PSP)		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none"><li>120 m radius AOC measured from the PSP center</li></ul> Prescription: <ul style="list-style-type: none"><li>Harvest, renewal or tending are not permitted within a 120m radius measured from the PSP center (4.52ha)</li></ul>		OMNR Growth and Yield Program PSP and PGP Reference Manual 2009	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>New crossings or landings are not permitted in the AOC.</li><li>Existing Road Use – no conditions apply</li></ul>		No	No
	C. Operational Roads and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>New crossings or landings are not permitted in the AOC.</li><li>Existing Road Use – no conditions apply</li></ul>		No	No
	D. Forestry Aggregate Pits			
	Planned or Existing			Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Aggregate pits are not permitted in the AOC</li></ul>			No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
PL04  <a href="#">(back to AOC list)</a>	YES	Multi-species Inventory and Monitoring (MSIM) Plot		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u> 500 meters radius buffer placed around mapped plot (total of 1000 metres)</p> <ol style="list-style-type: none"><li>1. A 1000 meters modified zone measured from the plot center, and;</li><li>2. Notify the Wildlife Population Monitoring Program Science Specialist in the Northwest Region (Neil Dawson 1-807-939-3120) if operations are planned within 1000 metres of a MSIM plot center to determine if the plot is active.</li><li>3. Station marker (aluminum posts), individual trees used to mount monitoring equipment, and the salamander coverboard survey grid are collectively referred to as plot infrastructure.</li><li>4. Active plots will have plot infrastructure clearly marked, and detailed stations locations for all plots (active and inactive) are available from the WPWP specialist.</li></ol> <p><u>Prescription:</u> <b>Harvest, Renewal and/or Tending Operations:</b></p> <ul style="list-style-type: none"><li>• Contact the Regional Wildlife Populations Specialist with the Biodiversity and Monitoring Section prior to operations to determine if monitoring plot is active or inactive.</li><li>• There are no conditions on tree planting and manual tending on any type of plot (active or inactive).</li></ul> <p><b>Inactive Plots:</b></p> <ul style="list-style-type: none"><li>• Operations can proceed as usual; however, operations should avoid damaging any plot infrastructure to the extent reasonably possible. Notify the WPWP specialist if the marker posts or salamander grid are damaged.</li></ul>		Planning Team (in collaboration with the plot custodian)	No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<b>Active Plots:</b> <ul style="list-style-type: none"> <li>September 16 to April 30 – Normal operations can proceed if the 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.</li> <li>May 1 to September 15 – No operations may take place within the AOC unless other arrangements have been made with the WPWP specialist.</li> </ul>		
<b>B. Primary Roads, Branch Roads, and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Contact the Regional Wildlife Populations Specialist with the Biodiversity and Monitoring Section prior to operations to determine if monitoring plot is active or inactive.</li> <li>There are no conditions on hauling or road maintenance on any type of plot (inactive or active).</li> <li>New roads: <ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul> </li> </ul>	No	No
<b>C. Operational Roads and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> </ul>	No	No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS  
AND FORESTRY AGGREGATE PITS**

D. Forestry Aggregate Pits		
Planned or Existing		Exception
Conditions on Location, Construction or Use		
<ul style="list-style-type: none"><li>• Contact the Regional Wildlife Populations Specialist with the Biodiversity and Monitoring Section prior to operations to determine if monitoring is active or inactive.</li><li>• New aggregate pits:<ul style="list-style-type: none"><li>- Inactive plots: Reasonable efforts will be made to ensure no new aggregate pits are placed within 500 metres of plot center or within 100 metres of any of the infrastructure.</li><li>- Active plots: No new aggregate pits will be placed within 500 metres of any infrastructure.</li></ul></li></ul> <p>Timing restrictions for active plots (as described in Operational Prescription for the AOC; September 16 to April 30) apply to forestry aggregate pits within the entire AOC unless other arrangements have been made with the WPMP specialist.</p>		No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
<b>PL05</b>  <a href="#">(back to AOC list)</a>	YES	Temporary Sample Plot		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none"><li>Mapped as a 50-meter modified AOC around the known location of the value.</li></ul> Prescription: <ul style="list-style-type: none"><li>Agency / owner of temporary sample plot must be contacted and confirmation of acknowledgement from party must be documented in the record of public consultation for the plots affected. Contact must take place at a minimum of 1 month in advance and no earlier than 1 year (beginning of AWS).</li><li>Normal harvest, renewal and tending to take place.</li><li>Contact information is found in the shapefile information received from LIO.</li></ul>		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>No conditions apply to planned road construction, existing road use or maintenance</li><li>Agency / owner of temporary sample plot must be contacted and confirmation of acknowledgement from party must be documented in the record of public consultation for the plots affected. Contact must take place at a minimum of 1 month in advance and no earlier than 1 year (beginning of AWS).</li></ul>		No	No
	C. Operational Roads and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>No conditions apply to planned road construction, existing road use or maintenance</li><li>Agency / owner of temporary sample plot must be contacted and confirmation of</li></ul>		No	No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

acknowledgement from party must be documented in the record of public consultation for the plots affected. Contact must take place at a minimum of 1 month in advance and no earlier than 1 year (beginning of AWS).		
D. Forestry Aggregate Pits		
Planned or Existing		Exception
Conditions on Location, Construction or Use		
<ul style="list-style-type: none"><li>Aggregate pits are permitted in the AOC</li><li>Agency / owner of temporary sample plot must be contacted and confirmation of acknowledgement from party must be documented in the record of public consultation for the plots affected. Contact must take place at a minimum of 1 month in advance and no earlier than 1 year (beginning of AWS).</li></ul>		No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
<div>R01</div> <div><a href="#">(back to AOC list)</a></div>	YES	Highway Corridor / Tourism Aesthetics.		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<div>Description:</div> <div>1. Hwy #594 – Dryden to Eagle River</div> <div>2. Hwy #647 – Blue Lake Hwy</div> <div>3. McIntosh Rd - from the end of Hwy #647 to the Canyon Lake Rd junction</div> <div>4. Basket Lake Rd – Hwy 17 to Km 9</div> <div>Prescription:</div> <div>Hwy #647, McIntosh Rd, Basket Lake Rd.</div> <div><div><div></div><div>A 50 m reserve required measured from road right-of-way.</div></div><div><div></div><div>Future harvest of the reserve is permitted only when the adjacent regeneration reaches a minimum of 2 metres tall.</div></div><div><div></div><div>Regular renewal and tending operations as per SGRs are permitted.</div></div></div> <div>Hwy #594</div> <div><div><div></div><div>A reserve, strip cuts or block cuts are permitted within 100 m from the road right-of-way, as mapped.</div></div><div><div></div><div>Future harvest of the reserve is permitted only when the adjacent regeneration reaches a minimum of 2 metres tall.</div></div><div><div></div><div>Regular renewal and tending operations as per SGRs are permitted.</div></div></div>		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<div><div></div><div>No new primary or branch roads are proposed.</div></div> <div><div></div><div>No crossings or landings are permitted in the AOC.</div></div>		No	No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

C. Operational Roads and Landings		
Planned or Existing	Public Comment	Exception
Conditions on Location, Construction or Use		
<ul style="list-style-type: none"><li>One operational road crossings per harvest block is permitted with a maximum right-of-way width of 20 m.</li></ul>	No	No
D. Forestry Aggregate Pits		
Planned or Existing	Exception	
Conditions on Location, Construction or Use		
<ul style="list-style-type: none"><li>Aggregate pits are not permitted within the AOC.</li></ul>	No	

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value																	
<div>T01</div> <div><a href="#">(back to AOC list)</a></div>	YES	Tourism - Blue Lake Loop Canoe Route																	
	A. Operational Prescriptions for Areas of Concern																		
	Operational Prescription		Source	Exception															
	Description: <ul style="list-style-type: none"><li>Aesthetics along a portion of the Blue Lake Loop Canoe Route (Augite, Balmain, Gordon and Lift lakes)</li></ul> Prescription: <ul style="list-style-type: none"><li>For large lakes, medium lakes, small lakes, HPS ponds, rivers and HPS streams associated with identified canoe routes, 30 to 90 m AOC based on slope as follows measured from the edge of standing timber along the shoreline:<table><tr><td>Slope (%)</td><td>Slope (degrees)</td><td>Width of AOC</td></tr><tr><td>0-15</td><td>0-8.5</td><td>30 m</td></tr><tr><td>&gt;15-30</td><td>8.6-16.7</td><td>50 m</td></tr><tr><td>&gt;30-45</td><td>16.8-24.2</td><td>70 m</td></tr><tr><td>&gt;45</td><td>&gt;24.2</td><td>90 m</td></tr></table></li><li>No harvest, renewal and tending operations are permitted within the AOC.</li></ul>		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	Planning Team	No
	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																
	B. Primary Roads, Branch Roads, and Landings																		
	Planned or Existing		Public Comment	Exception															
	Conditions on Location, Construction or Use																		
	<ul style="list-style-type: none"><li>No new primary or branch roads are proposed.</li></ul>		No	No															
C. Operational Roads and Landings																			
Planned or Existing		Public Comment	Exception																
Conditions on Location, Construction or Use																			
<ul style="list-style-type: none"><li>Operational roads are not permitted within the AOC.</li></ul>		No	No																

Management Unit Name: Dryden Forest  
Plan Period: April 1, 2021 to March 31, 2031

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS  
AND FORESTRY AGGREGATE PITS**

D. Forestry Aggregate Pits		
Planned or Existing		Exception
Conditions on Location, Construction or Use		
• Aggregate pits are not permitted within the AOC.		No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
<div>T02</div> <div><a href="#">(back to AOC list)</a></div>	Individual	Tourism - Rugby Lake, Fen Creek and Fen Lake		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none"><li>Aesthetics on Rugby Lake, Fen Creek and Fen Lake</li></ul> Prescription: <ul style="list-style-type: none"><li>The following reserves as measured from the edge of standing timber along the shoreline:<ul style="list-style-type: none"><li>Block 21.XXX – 120 m reserve on Rugby Lake</li></ul></li><li>No harvest, renewal and tending operations are permitted within the AOC.</li></ul>		Planning Team and Resource Stewardship Agreement	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>No new primary or branch roads are proposed.</li></ul>		No	No
	C. Operational Roads and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Operational roads are not permitted within the AOC.</li></ul>		No	No
	D. Forestry Aggregate Pits			
	Planned or Existing			Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Aggregate pits are not permitted within the AOC.</li></ul>			No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
<div>T03</div> <div><a href="#">(back to AOC list)</a></div>	YES	Tourism - High-Volume Tourism Lakes		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none"><li>Along large high-volume Tourism Lakes (<b>Cobble, Eagle, Forest, Indian, Wabigoon, Whitney, Dinorwic and Clay Lakes</b>)</li><li>90 m reserve measured from the edge of standing timber along the shoreline</li></ul> Prescription: <ul style="list-style-type: none"><li>No harvest, renewal or tending operations are permitted within the AOC.</li></ul>		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>No new primary or branch roads are proposed.</li><li>No crossings or landings permitted in the AOC.</li></ul>		No	No
	C. Operational Roads and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Operational roads and landings are not permitted within the AOC.</li></ul>		No	No
	D. Forestry Aggregate Pits			
	Planned or Existing			Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Aggregate pits are not permitted within the AOC.</li></ul>			No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
T06	YES	Tourism – Canoe Portage and Other Permanent Recreational Trails		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u> 40m modified operations</p> <p>This prescription will be applied to trails/portages that are officially recognized by commercial or recreational organizations, have been competently mapped, or are regularly maintained by individuals from a local community, organization or municipality.</p> <p><u>Prescription:</u> 20m modified operations either side of the trail applied from the center of the trail/portage.</p> <p>In general, efforts will be made to minimize damage or disturbance to the trail/portage. The following measures will be considered when forest management operations must occur adjacent to or directly on existing trail/portage:</p> <ul style="list-style-type: none"><li>○ Harvest operations will cut trees right to trail/portage but will keep forestry equipment off trail/portage other than when crossing.</li><li>○ Trees will not be felled across the trail/portage nor leave slash on the trail/portage.</li><li>○ Carefully logging will take place to protect and retain un-merchantable trees.</li><li>○ No wildlife trees to be left standing within the AOC.</li><li>○ Forestry equipment travel will be minimal within 0-5 meter of the trail/portage (reaching in and lifting out trees from trail) to prevent soil disturbance that may stimulate shrub growth</li><li>• Hand planting without site preparation will be considered.</li><li>• Site preparation operations will be conducted to minimize impact to trees that were left standing. Site preparation will also not cross trail/portage or operate adjacent to trail/portage that will disturb its integrity.</li><li>• Signage for herbicide operations will include trail/portage access points into operating areas.</li><li>• The condition of the trail/portage surface material will be preserved as found.</li></ul>		Planning Team	No

[\(back to AOC list\)](#)

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

B. Primary Roads, Branch Roads, and Landings		
Planned or Existing	Public Comment	Exception
Conditions on Location, Construction or Use		
<ul style="list-style-type: none"><li>No new primary or branch roads or landings are permitted.</li></ul>	No	No
C. Operational Roads and Landings		
Planned or Existing	Public Comment	Exception
Conditions on Location, Construction or Use		
<p>Operational roads are permitted to cross the trail/portage under the following conditions:</p> <ul style="list-style-type: none"><li>Operational roads will be minimized, where possible, however if required due to terrain or other operational conditions they will be located as perpendicular as possible to the trail/portage.</li><li>Road construction personnel will attempt to construct the road in a way that will not impede use of the trail/portage (i.e. to the extent possible based on local conditions avoid high, impassable ditches or ridges).</li><li>Where the trail/portage is crossed by the road, road layout personnel will use their experience and judgment to lay out the road in the safest way possible based on local conditions, taking into consideration the ability of trail/portage users to cross the road safely. Road layout personnel may choose to adjust the location of portions of the trail/portage if terrain features prevent the safe and efficient protection of the existing route.</li><li>No landings permitted in the AOC.</li></ul>	No	No
D. Forestry Aggregate Pits		
	Planned or Existing	Exception
	Conditions on Location, Construction or Use	
	<ul style="list-style-type: none"><li>Aggregate pits are not permitted within the AOC.</li></ul>	No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
<div>T07</div> <div><a href="#">(back to AOC list)</a></div>	Individual	Tourism - Moose Lake, Wigwam Lake		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none"><li>Protection of remote cottage on Moose Lake and Wigwam Lake</li></ul> Prescription: <ul style="list-style-type: none"><li>90 m AOC measured from the property boundary of the cottage.</li><li>No harvest, renewal or tending operations are permitted within the AOC.</li></ul>		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>No new primary or branch roads or landings are permitted in the AOC.</li></ul>		No	No
	C. Operational Roads and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Operational roads or landings are not permitted within the AOC.</li></ul>		No	No
	D. Forestry Aggregate Pits			
	Planned or Existing			Exception
	Conditions on Location, Construction or Use			
<ul style="list-style-type: none"><li>Aggregate pits are not permitted within the AOC.</li></ul>			No	

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
<div>T08</div> <div><a href="#">(back to AOC list)</a></div>	Individual	Tourism – Recreational Value		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none"><li>No harvest reserve</li><li>Protection of recreational values based on discussion during development of the FMP, and where GPS coordinates have been provided to DFMC by a Tourism Operator</li></ul> Prescription: <ul style="list-style-type: none"><li>30m standing tree reserve when applied to a linear feature</li><li>50m radius standing tree reserve when applied to a point</li><li>No harvest, renewal or tending operations are permitted within the AOC</li></ul>		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>No new primary or branch roads are proposed.</li><li>No crossings or landings permitted in the AOC.</li></ul>		No	No
	C. Operational Roads and Landings			
	Planned or Existing		Public Comment	Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Operational roads are to avoid the AOC, if possible. The Tourism Operator will be aware of any roads crossing the AOC.</li><li>Landings are not permitted within the AOC.</li></ul>		No	No
	D. Forestry Aggregate Pits			
	Planned or Existing			Exception
	Conditions on Location, Construction or Use			
	<ul style="list-style-type: none"><li>Aggregate pits are not permitted within the AOC.</li></ul>			No

## FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

AOC ID	Group AOC	Description of Value																
W01	YES	Reserves on Large lakes, medium lakes, small lakes, rivers; HPS or MPS (high or moderate potential sensitivity to forest management operations) ponds and streams																
	A. Operational Prescriptions for Areas of Concern																	
	Operational Prescription		Source	Exception														
<p><u>Description:</u> For all lakes, rivers, HPS streams, and HPS ponds variable 30-90 metres AOC based on slope as per the following criteria:</p> <table><tr><td>Slope (%)</td><td>Slope (degrees)</td><td>Width of AOC</td></tr><tr><td>0-15</td><td>0-8.5</td><td>30 m</td></tr><tr><td>&gt;15-30</td><td>8.6-16.7</td><td>50 m</td></tr><tr><td>&gt;30-45</td><td>16.8-24.2</td><td>70 m</td></tr><tr><td>&gt;45</td><td>&gt;24.2</td><td>90 m</td></tr></table> <p>For MPS ponds and MPS streams a 30 m AOC will be applied.</p> <p><u>Prescription:</u></p> <ul style="list-style-type: none"><li>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 &gt;=25% canopy cover of trees, tall (&gt;= 1 m high) woody shrubs such as alder or willow, or low (&lt; 1 m high) woody evergreen shrubs such as Labrador tea or leatherleaf.</li><li>In some situations, the height of land may occur within the 30-90 m AOC, and as a result, the AOC may be narrowed to the height of land.</li><li>The actual AOC width will be measured in the field as per the conditions noted above. Widths may be adjusted based on slopes encountered in the field at the time the cut boundary is established. These adjustments follow the requirement of the Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales and do not require a revision or amendment.</li></ul>		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	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 39-53.	No
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																

[\(back to AOC list\)](#)

## FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

	<ul style="list-style-type: none"> <li>No harvest, renewal or tending is permitted in the AOC except the clearing of road right-of-ways.</li> <li>Aerial application of pesticides for renewal, tending, or protection is permitted within the AOC but will follow spray buffer zones for <i>significant areas</i> or <i>sensitive areas</i> (as appropriate) as prescribed in the <i>Ontario Ministry of the Environment/Ontario Ministry of Natural Resources Buffer Zone Guidelines for Aerial Application of Pesticides in Crown Forests of Ontario (1992)</i>.</li> <li>Where ground application <ul style="list-style-type: none"> <li>is <u>broadcast</u> applied (e.g. fogger, air blaster) the application of herbicides is permitted within the AOC. Spray buffer zones will be 30 m for <i>significant areas</i> and 60 m for <i>sensitive areas</i> and wetlands.</li> <li>is <u>targeted</u> applied by a controlled method (e.g. hand wands, pump wands) the application of herbicides is permitted within the AOC. Spray buffer zones will be 10 m.</li> </ul> </li> <li>All spray buffer zones will be measured from the inner boundary of the AOC.</li> <li>If the product label dictates that application must occur at a greater distance from water, the greater distance will be applied.</li> </ul>		
<a href="#">(back to AOC list)</a>	<b>B. Primary Roads, Branch Roads, and Landings</b>		
	<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
	<b>Conditions on Location, Construction or Use</b>		
	<p>No landings permitted in the AOC.</p> <p>New roads that are not associated with an approved stream crossing are not permitted within the AOC unless:</p> <ul style="list-style-type: none"> <li>No practical or feasible alternative exists, where this is necessary specific locations will be identified in the AWS.</li> <li>Appropriate mitigative measure are taken to minimize the risk of sediment entering lakes/ponds/rivers/streams</li> <li>Road, including specific location is identified and justified through the FMP AOC planning process (i.e. plan amendment if not identified in this plan).</li> </ul>	No	No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

	<p>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. Crossings of recognizable ephemeral streams, springs, seeps, and other areas of groundwater discharge will consider design principles to minimize the risk of sediment delivery and disruption of hydrological function.</p> <p>When new road traverse residual forest within the AOC, the width of the cleared corridor will be as narrow as practical and feasible, and will not exceed 20 m.</p> <ul style="list-style-type: none"><li>Roads built within 15 m of a water feature and not associated with a water crossing will use techniques and practices to reduce the possibility of roadbed erosion; avoid grubbing; and, design ditches to minimize the possibility of sediment entering the water feature.</li></ul> <p><u>Installation and Maintenance</u></p> <ul style="list-style-type: none"><li>Refer to <b>Section 7 of Supp Doc P</b> of the FMP, for the conditions related to installation and maintenance of water crossings.</li></ul> <p><u>Decommissioning and Rehabilitation of Water Crossings</u></p> <p>Refer to <b>Section 7 of Supp Doc P</b> of the FMP, for the conditions related to decommissioning and rehabilitating of water crossings</p>		
	<b>C. Operational Roads and Landings</b>		
	<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
	<b>Conditions on Location, Construction or Use</b>		
	<ul style="list-style-type: none"><li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li></ul>	No	No
	<b>D. Forestry Aggregate Pits</b>		
	<b>Planned or Existing</b>	<b>Exception</b>	
	<b>Conditions on Location, Construction or Use</b>		
	<ul style="list-style-type: none"><li>Aggregate pits are not permitted within the AOC.</li></ul>	No	

## FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

AOC ID	Group AOC	Description of Value										
W02	YES	Modified cut to shore on Large lakes, Medium lakes, Small lakes; Ponds – HPS or MPS (high or moderate potential sensitivity to forest management operations)										
	A. Operational Prescriptions for Areas of Concern											
	Operational Prescription		Source	Exception								
	<p>Description:</p> <p>Modified AOC: For all lakes and HPS ponds variable 30 to 50m AOC based on slope as per the following criteria:</p> <table><tr><td>Slope (%)</td><td>Slope (degrees)</td><td>Width of AOC</td></tr><tr><td>0-15</td><td>0-8.5</td><td>30 m</td></tr><tr><td>&gt;15-30</td><td>8.6-16.7</td><td>50 m</td></tr></table> <p>For MPS ponds a 30 m AOC will be applied.</p> <p>Prescription:</p> <ul style="list-style-type: none"><li>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 &gt;=25% canopy cover of trees, tall (&gt;= 1 m high) woody shrubs such as alder or willow, or low (&lt; 1 m high) woody evergreen shrubs such as Labrador tea or leatherleaf.</li><li>The actual AOC width will be measured in the field condition as noted above. Widths may be adjusted based on slopes encountered in the field at the time the cut boundary is established. These adjustments follow the requirement of the Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales and do not require a revision or amendment.</li><li>Harvest is permitted within the AOC subject to the following conditions:<ul style="list-style-type: none"><li>Conventional clear cutting is permitted within the AOC <b><u>only where the slope is ≤30% (≤50 m width AOC).</u></b></li></ul></li><li>Within the inner 15 m of the AOC, at least 10 trees/100 m of shoreline spaced about</li></ul>		Slope (%)	Slope (degrees)	Width of AOC	0-15	0-8.5	30 m	>15-30	8.6-16.7	50 m	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 39-44.
Slope (%)	Slope (degrees)	Width of AOC										
0-15	0-8.5	30 m										
>15-30	8.6-16.7	50 m										

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AND FORESTRY AGGREGATE PITS**

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  $\frac{1}{2}$  the height of the tree).
  - Leaning toward the shoreline.
  - Coniferous super-canopy trees, scattered conifers, and veterans, especially large cedars, white pines, red pines, white spruces, and jack pines.
  - Machine travel should be minimized within the inner 15 m of the AOC.
  - Felled trees should not be piled within the inner 15 m of the AOC.
- Within the remainder of the AOC (beyond the inner 15 m), the general direction for retention of wildlife trees in as outlined in FMP text Section 4.2.2.2 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:
    - Super-canopy trees of value to eagles and ospreys such as white pines, red pines, and poplars.
    - Large living hardwood trees with existing cavities or the potential to develop cavities.
    - Scattered veteran trees.
  - 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 ponds. Operations specifically prohibited within the AOC include:
    - Machine travel within the inner 3 m of the AOC.
    - Felling of trees into lakes or ponds or the inner 3 m of the AOC. Trees accidentally felled into lakes or ponds 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 the AOC.
    - Disturbance of the forest floor that leaves ruts or a significant area of exposed mineral soil within the inner 15 m of the AOC. Ruts and significant patches of exposed mineral soil will be promptly rehabilitated to prevent sediment from entering a water feature. Patches of mineral soil exposed by natural events are excluded.

## FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

- 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 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. Reasonable efforts will be made to ensure extraction trails will not cross recognizable ephemeral streams, springs, seeps, and other areas of groundwater discharge when not solidly frozen. However; if these features are required to be crossed, special care will be taken; temporary crossing structures that do not impede, accelerate, or divert water movement will be used when appropriate.
- 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 (unless conversion is required to meet other ecological objectives.) Prescribed burns should be considered as an option for renewing shoreline forest.
- No contamination of lakes or ponds 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 30 m of lakes or ponds.
- Aerial application of pesticides for renewal, tending, or protection is permitted within the AOC but will follow spray buffer zones for *significant areas* or *sensitive areas* (as appropriate) as prescribed in the *Ontario Ministry of the Environment/Ontario Ministry of Natural Resources Buffer Zone Guidelines for Aerial Application of Pesticides in Crown Forests of Ontario* (1992).
- Where ground application
  - is broadcast applied (e.g. fogger, air blaster) the application of herbicides is permitted within the AOC. Spray buffer zones will be 30 m for *significant areas* and 60 m for *sensitive areas* and wetlands.
  - is targeted applied by a controlled method (e.g. hand wands, pump wands) the

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<p>application of herbicides is permitted within the AOC. Spray buffer zones will be 10 m.</p> <ul style="list-style-type: none"> <li>• All spray buffer zones will be measured from the inner boundary of the AOC.</li> <li>• If the product label dictates that application must occur at a greater distance from water, the greater distance will be applied.</li> </ul>		
<b>B. Primary Roads, Branch Roads, and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<p><b>W02 - Rivers and Streams Crossings only.</b></p> <p>No landings permitted in the AOC.</p> <p>New roads that are not associated with an approved stream crossing are not permitted within the AOC unless:</p> <ul style="list-style-type: none"> <li>• No practical or feasible alternative exists, where this is necessary specific locations will be identified in the AWS.</li> <li>• Appropriate mitigative measure are taken to minimize the risk of sediment entering lakes/ponds/rivers/streams</li> <li>• Road, including specific location is identified and justified through the FMP AOC planning process (i.e. plan amendment if not identified in this plan).</li> </ul> <p>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. Crossings of recognizable ephemeral streams, springs, seeps, and other areas of groundwater discharge will consider design principles to minimize the risk of sediment delivery and disruption of hydrological function.</p> <p>When new road traverse residual forest within the AOC, the width of the cleared corridor will be as narrow as practical and feasible, and will not exceed 20 m.</p> <ul style="list-style-type: none"> <li>• Roads built within 15 m of a water feature and not associated with a water crossing will use techniques and practices to reduce the possibility of roadbed erosion; avoid grubbing; and, design ditches to minimize the possibility of sediment entering the water</li> </ul>	No	No

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<p>feature.</p> <p><u>Installation and Maintenance</u></p> <ul style="list-style-type: none"> <li>Refer to <b>Section 7 of Supp Doc P</b> of the FMP, for the conditions related to installation and maintenance of water crossings.</li> </ul> <p><u>Decommissioning and Rehabilitation of Water Crossings</u></p> <ul style="list-style-type: none"> <li>Refer to <b>Section 7 of Supp Doc P</b> of the FMP, for the conditions related to decommissioning and rehabilitating of water crossings</li> </ul>		
<b>C. Operational Roads and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply).	No	No
<b>D. Forestry Aggregate Pits</b>		
<b>Planned or Existing</b>		<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Aggregate pits are not permitted within the AOC.</li> </ul>		No

## FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

AOC ID	Group AOC	Description of Value										
W03	YES	Modified cut to shore on Rivers, HPS or MPS (high or moderate potential sensitivity to forest management operations) Stream segments										
	A. Operational Prescriptions for Areas of Concern											
	Operational Prescription		Source	Exception								
	<p>Description:</p> <p>Modified AOC: For all rivers and HPS streams variable 30 to 50m AOC based on slope as per the following criteria:</p> <table><tr><td>Slope (%)</td><td>Slope (degrees)</td><td>Width of AOC</td></tr><tr><td>0-15</td><td>0-8.5</td><td>30 m</td></tr><tr><td>&gt;15-30</td><td>8.6-16.7</td><td>50 m</td></tr></table> <p>For MPS streams a 30 m AOC will be applied.</p> <p>Prescription:</p> <ul style="list-style-type: none"><li>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 &gt;=25% canopy cover of trees, tall (&gt;= 1 m high) woody shrubs such as alder or willow, or low (&lt; 1 m high) woody evergreen shrubs such as Labrador tea or leatherleaf. For mapping purposes, the AOC may be measured from the edge of polygons identified as FOR, TMS, or BSH.</li><li>If the inner edge of the AOC (start of wood vegetation) will be ≥300 m from the river shoreline or stream edge when these criteria are used, an AOC is not required adjacent to those sections of river shoreline or stream edge, unless the intervening wetland is known to provide components of fish habitat for which there is a high species' dependence (e.g., spawning habitat).</li><li>If the inner boundary of the AOC (start of woody vegetation) is &lt;15 m from the active channel, then a 15 m reserve of woody vegetation is required on both sides of the stream.</li></ul>		Slope (%)	Slope (degrees)	Width of AOC	0-15	0-8.5	30 m	>15-30	8.6-16.7	50 m	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 48-53.
Slope (%)	Slope (degrees)	Width of AOC										
0-15	0-8.5	30 m										
>15-30	8.6-16.7	50 m										

## FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

- If the inner boundary of the AOC (start of wood vegetation) is >15m from the active channel, harvesting is permitted, under the following conditions:
  - 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 active channel (ideally within  $\frac{1}{2}$  the height of the tree).
    - Leaning toward the river or stream.
    - Coniferous super-canopy trees, scattered conifers, and veterans, especially large cedars, white pines, red pines, white spruces and jack pines.
    - Machine travel should be minimized within the inner 15 m of the AOC.
    - Felled trees should not be piled within the inner 15 m of the AOC.
- Within the remainder of the AOC beyond the inner 15 m, 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, as per the Conditions on Regular Operations (Plan Text Section 4.2.2.2).
- The actual AOC width will be measured in the field condition as noted above. Widths may be adjusted based on slopes encountered in the field at the time the cut boundary is established. These adjustments follow the requirement of the Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales and do not require a revision or amendment.
- No harvest, renewal, or tending operations are permitted within the AOC that will result in damage to river or stream beds or banks and associated stabilizing vegetation, or deposition of sediment within rivers or streams. Operations specifically prohibited within the AOC include:
  - Machine travel within the inner 3 m of the AOC.
  - Felling of trees into rivers or streams or the inner 3 m of the AOC. Trees accidentally felled into rivers or streams will be left where they fall.

## FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

- Excessive removal or damage of sapling-sized trees (<10 cm dbh) and shrubs within the inner 3 m of the AOC.
- Disturbance of the forest floor that leaves ruts or a significant area of exposed mineral soil within the inner 15 m of the AOC. Ruts and significant patches of exposed mineral soil will be promptly rehabilitated to prevent sediment from entering a water feature. Patches of mineral soil exposed by natural events are excluded.
- ⊖ Disturbance of the forest floor or the use of extraction trails that disrupt hydrological function (i.e., impedes, accelerates, or diverts water movement) within recognizable ephemeral streams, springs, seeps, and other areas of groundwater discharge connected to rivers or streams (see rutting and compaction in Section 4.2.2.2 in main text). However; if these features are required to be crossed, special care will be taken; temporary crossing structures that do not impede, accelerate, or divert water movement will be used when appropriate
- Within the AOC, direction for the retention of downed woody material as outlined in FMP text Section 4.2.2.2 will be followed.
- No contamination of rivers 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 30 m of rivers or streams.
  - Aerial application of pesticides for renewal, tending, or protection is permitted within the AOC but will follow spray buffer zones for *significant areas* or *sensitive areas* (as appropriate) as prescribed in the *Ontario Ministry of the Environment/Ontario Ministry of Natural Resources Buffer Zone Guidelines for Aerial Application of Pesticides in Crown Forests of Ontario (1992)*.
  - Where ground application
  - is broadcast applied (e.g. fogger, air blaster) the application of herbicides is permitted within the AOC. Spray buffer zones will be 30 m for *significant areas* and 60 m for *sensitive areas* and wetlands.
  - is targeted applied by a controlled method (e.g. hand wands, pump wands)

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<a href="#">(back to AOC list)</a>	<p>the application of herbicides is permitted within the AOC. Spray buffer zones will be 10 m.</p> <ul style="list-style-type: none"> <li>○ All spray buffer zones will be measured from the inner boundary of the AOC.</li> <li>○ If the product label dictates that application must occur at a greater distance from water, the greater distance will be applied.</li> </ul>		
	<b>B. Primary Roads, Branch Roads, and Landings</b>		
	<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
	<b>Conditions on Location, Construction or Use</b>		
	<ul style="list-style-type: none"> <li>• No landings permitted in the AOC.</li> <li>• New roads that are not associated with an approved stream crossing are not permitted within the AOC unless: <ul style="list-style-type: none"> <li>○ No practical or feasible alternative exists, where this is necessary specific locations will be identified in the AWS.</li> <li>○ Appropriate mitigative measure are taken to minimize the risk of sediment entering lakes/ponds/rivers/streams</li> <li>○ <b>Road, including specific location is identified and justified through the FMP AOC planning process (i.e. plan amendment if not identified in this plan).</b></li> </ul> </li> <li>• 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. Crossings of recognizable ephemeral streams, springs, seeps, and other areas of groundwater discharge will consider design principles to minimize the risk of sediment delivery and disruption of hydrological function.</li> <li>• When new road traverse residual forest within the AOC, the width of the cleared corridor will be as narrow as practical and feasible, and will not exceed 20 m. <ul style="list-style-type: none"> <li>○ Roads built within 15 m of a water feature and not associated with a water crossing will use techniques and practices to reduce the possibility of roadbed erosion; avoid grubbing; and, design ditches to minimize the possibility of sediment entering the water feature.</li> </ul> </li> </ul>	No	No



**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
W06	YES	Wetlands - occupied by breeding black terns, least bitterns, golden-winged warblers, horned grebes or yellow rails		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u></p> <ul style="list-style-type: none"><li>Suitable habitat occupied by breeding black terns, least bitterns, horned grebes, yellow rails or golden-winged warblers within the past 20 years.<ul style="list-style-type: none"><li>suitable habitat occupied by breeding birds as delineated through field survey.</li><li>a 20-ha patch of suitable non-forested wetland habitat (or the entire wetland polygon if &lt;20 ha) or; or suitable poplar regeneration margins with non-forested wetland for golden-winged warbler, associated with individual <i>Element of Occurrence</i> observation points or other reliable sightings associated with breeding activity. Should new habitat descriptions or regulations, such as Endangered Species Act habitat description or habitat regulation, become available; an amendment will be required to update the plan.</li></ul></li></ul> <p><u>Prescription:</u></p> <p>Delineated (mapped) habitat comprises the AOC.</p> <p>Harvest, renewal and tending operations are permitted with the following conditions:</p> <ul style="list-style-type: none"><li>No harvest, renewal or tending operations are permitted that will result in significant damage to wetland vegetation or disruption of hydrological function. Operations specifically prohibited include:<ul style="list-style-type: none"><li>Machine travel during the frost-free period within 3 m of those portions of the wetland dominated by open water or non-woody vegetation (i.e. vegetation communities with &lt;25% canopy of trees, tall (&gt;=1m high) woody shrubs such as alder or willow, or low (&lt;1 m high) woody evergreen shrubs such as Labrador tea or leatherleaf.</li><li>Excessive removal or damage of sapling-sized trees (&lt;10 cm dbh) and shrubs within 3 m of those portions of the wetland dominated by open water or non-woody vegetation.</li><li>Felling of trees during the frost-free period into, or within 3 m of those portions of the wetland dominated by open water or non-woody vegetation. Trees accidentally felled into those portions of the wetland dominated by open water or non-woody vegetation will be left where they fall.</li><li>Operation leaving ruts, a significant area of exposed mineral soil, or disrupt hydrological function within the wetland itself or with forest that is within 15 m of those portions of the</li></ul></li></ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 59-60, 125-126.	No

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**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<p>wetland dominated by open water or non-woody vegetation. Ruts or significant patches of exposed mineral soil will be promptly rehabilitated.</p> <ul style="list-style-type: none"> <li>No contamination of wetlands by foreign materials is permitted. Specifically; <ul style="list-style-type: none"> <li>The use and storage of fuels will be carried out in accordance with the Liquid Fuel Handling Code.</li> <li>No equipment maintenance (e.g., washing or changing oil) is permitted within 15 m of non-forested wetlands.</li> </ul> </li> </ul>		
<b>B. Primary Roads, Branch Roads, and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>New roads or landings are not permitted in the AOC.</li> </ul>	No	No
<b>C. Operational Roads and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>No new all-weather roads or landings are permitted.</li> <li>New winter roads are not permitted within the AOC.</li> <li>Water drawdowns or other activities that significantly alter hydrological regime are not permitted.</li> <li>Reasonable efforts (i.e. Pre-harvest skid trail planning) will be made to avoid crossing wetlands with extraction trails during the frost-free period. During all season crossings will be minimized and will follow the appropriate operating practices in Section 4.2.2.2 Conditions on Regular Operations for 'Wetlands mapped permanent non-forested' to minimize potential site damage and effects on hydrological function.</li> </ul>	No	No
<b>D. Forestry Aggregate Pits</b>		
<b>Planned or Existing</b>	<b>Exception</b>	
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>New aggregate pits are not permitted in the AOC.</li> </ul>	No	

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
W07	YES	LPS Ponds		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u> 15 m wide shoreline AOC</p> <ul style="list-style-type: none"><li>AOC distances are measured 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 trees, tall (≥1 m high) woody shrubs such as alder or willow, or low (&lt; m high) woody evergreen shrubs such as Labrador tea or leatherleaf</li></ul> <p><u>Prescription:</u></p> <ul style="list-style-type: none"><li>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 ponds. Operations specifically prohibited within the AOC include:<ul style="list-style-type: none"><li>Machine travel within the inner 3 m of LPS ponds</li><li>Excessive removal or damage of sapling-sized trees (&lt; 10 cm dbh) and shrubs within 3 m of ponds</li><li>Felling of trees into ponds or within 3m of ponds. Trees accidentally felled into ponds will be left where they fall.</li><li>Disturbance of the forest floor that leaves ruts or a significant area of exposed mineral soil within 15m of ponds (see FMP section 4.2.2.2). Ruts and significant patches of exposed mineral soil will be promptly rehabilitated to prevent sediment from entering a pond. Patches of mineral soil exposed by natural events are excluded.</li></ul></li><li>No contamination of ponds by foreign materials is permitted. Specifically,</li><li>The use of storage and fuels will be carried out in accordance with the <i>Liquid Fuels Handling Code</i>.</li><li>No equipment maintenance (e.g. washing or changing oil) is permitted within 15m of ponds.</li></ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Page 44.	No

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**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<b>B. Primary Roads, Branch Roads, and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>No new primary or branch roads are proposed.</li> <li>New roads will not be located within 15m of ponds unless no practical or feasible alternative exists, where this is necessary specific locations will be identified in the AWS and appropriate mitigative measures are taken to minimize the risk of sediment entering ponds and disruption of hydrological function.</li> <li>Landings are not permitted within 15m of the pond.</li> </ul>	No	No
<b>C. Operational Roads and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>New roads will not be located within 15m of ponds unless no practical or feasible alternative exists, where this is necessary specific locations will be identified in the AWS and appropriate mitigative measures are taken to minimize the risk of sediment entering ponds and disruption of hydrological function.</li> <li>Landings are not permitted within 15m of the pond.</li> </ul>	No	No
<b>D. Forestry Aggregate Pits</b>		
<b>Planned or Existing</b>	<b>Exception</b>	
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Aggregate pits are not permitted within the AOC.</li> </ul>	No	

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
W08  <a href="#">(back to AOC list)</a>	YES	Streams with low potential sensitivity to forest management operations (LPS streams)		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u></p> <ul style="list-style-type: none"><li>15 m wide shoreline AOC</li><li>AOC distances are measured 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 trees, tall (≥1 m high) woody shrubs such as alder or willow, or low (&lt; 1m high) woody evergreen shrubs such as Labrador tea or leatherleaf.</li></ul> <p><u>Prescription:</u></p> <ul style="list-style-type: none"><li>No harvest, renewal, or tending operations are permitted within the AOC that will result in damage to stream channels or banks and stabilizing vegetation, or deposition of sediment within streams. Operations specifically prohibited within the AOC include:<ul style="list-style-type: none"><li>Machine travel within 3 m of the active channel (except at appropriate extraction trail crossings (see FMP-19).</li><li>Excessive removal or damage of sapling-sized trees (&lt;10 cm dbh) and shrubs within 3 m of the active channel.</li><li>Felling of trees into streams or within 3 m of the active channel. Trees accidentally felled into streams will be left where they fall.</li><li>Disturbance of the forest floor which leaves ruts or a significant area of exposed mineral soil within 15 m of the active channel. Ruts and significant patches of exposed mineral soil will be promptly rehabilitated to prevent sediment from entering a water feature. Patches of mineral soil exposed by natural events are excluded.</li></ul></li><li>No contamination of streams by foreign materials is permitted. Specifically,<ul style="list-style-type: none"><li>The use of storage and fuels will be carried out in accordance with the <i>Liquid Fuels Handling Code</i>.</li><li>No equipment maintenance (e.g. washing or changing oil) is permitted within 15m of the active channel.</li></ul></li></ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Page 53-54	No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

B. Primary Roads, Branch Roads, and Landings			
Planned or Existing		Public Comment	Exception
Conditions on Location, Construction or Use			
<ul style="list-style-type: none"><li>No new primary or branch roads are permitted</li><li>No road construction or maintenance is permitted within the AOC that will result in damage to stream channels or banks and stabilizing vegetation, or deposition of sediment within streams.</li><li>Extraction trails may cross LPS streams. However, crossings will be minimized and will follow the operating practices described in section 5.2 of the <i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales</i> (Stand and Site Guide) to minimize rutting, compaction, and mineral soil exposure that could lead to erosion and subsequent transport and deposition of sediment in streams. Temporary crossing structures will be used when appropriate and construction will follow the principles described in section 5.2 of the Stand and Site Guide.</li><li>Best Management Practices in the MNRF/DFO Water Crossing Protocol must be followed when extraction trails cross LPS streams, including using temporary crossing structures that do not impede, accelerate, or divert water movement. If minor rutting is likely to occur, watercourse bank and bed protection methods (e.g. swamp mats, pads) are to be used provided they do not constrict flows or block fish passage. Grading of the watercourse banks for the approaches is not permitted. If the watercourse bed and banks are steep and highly erodible (e.g. dominated by organic material and silts) and erosion and degradation are likely to occur as a result of equipment for fording, a temporary crossing structure or other practice must be used to protect these areas. The crossing must adhere to the appropriate in-water timing windows. Crossing must occur under low-flow conditions and not when flows are elevated due to local rain events or seasonal flooding.</li><li>New roads will not be located within the AOC unless no feasible alternative exists. Where this is necessary specific locations will be identified in the AWS and appropriate mitigative measures are taken to minimize the risk of sediment entering streams and disruption of hydrological function (see section 5.1 of the Stand and Site</li></ul>		No	No

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<p>Guide).</p> <ul style="list-style-type: none"> <li>The number of water crossings within the AOC will be minimized and temporary bridges should be used wherever practical and feasible. All water crossings should be considered temporary in nature and may be removed when the associated road is decommissioned.</li> </ul>		
<b>C. Operational Roads and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Operational roads are permitted within the AOC.</li> <li>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)</li> <li>Landings are not permitted within the AOC.</li> </ul>	No	No
<b>D. Forestry Aggregate Pits</b>		
<b>Planned or Existing</b>	<b>Exception</b>	
<b>Conditions on Location, Construction or Use</b>		
<ul style="list-style-type: none"> <li>Aggregate pits are not permitted within the AOC.</li> </ul>	No	

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

AOC ID	Group AOC	Description of Value		
W09	YES	Provincially Significant Wetlands		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u> 120 metres AOC surrounding the delineated wetlands or wetland complexes identified as provincially significant based on the Ontario Wetland Evaluation System.</p> <p><u>Prescription:</u> No contamination of PSWs by foreign materials is permitted. Specifically,</p> <ul style="list-style-type: none"><li>The use and storage of fuels will be carries out in accordance with the <i>Liquid Fuels Handling Code</i>.</li><li>No equipment maintenance (e.g. washing or changing oil) is permitted within 30m of PSWs.</li><li>Aerial application of pesticides for renewal, tending or protection is permitted within the AOC but will follow spray buffer zones for significant areas as prescribed in the Ontario Ministry of Environmental and Climate Change/Ontario Ministry of Natural Resources and Forestry Buffer Zone Guidelines for Aerial Application of Pesticides in Crown Forests of Ontario (1992). Machine-based ground application of herbicides (e.g. air-blast sprayers mounted on skidders) 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 of herbicides (e.g. back-pack sprayers) is permitted within the AOC; spray buffer zones will be 10 m. All spray buffer zones will be measured from the inner boundary of the AOC.</li></ul> <p>Harvest, renewal and tending operations are not permitted within the PSW unless and Environmental Impact Study (EIS)', and subsequent review and approval by MNRF, demonstrates that the proposed operation will either:</p> <ul style="list-style-type: none"><li>Not result in the loss of natural features or ecological functions that make the wetland provincially significant, or</li><li>May result in some loss of natural features or ecological functions that make the wetland provincially significant, but the loss is deemed by MNRF to be minimal and necessary to</li></ul>		<i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales</i> (MNRF, 2010), Page 56-58	No

(back to AOC list)

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS**

<p>sustain the natural features or ecological functions that make the wetland provincially significant.</p> <p>Operations within the PSW and AOC will follow the appropriate operating practices described in Conditions on Regular Operations (Plan Text Section 4.2.2.2) to minimize rutting, compaction and mineral soil exposure that could lead to erosion and subsequent transport and deposition of sediment within the PSW or the disruption of hydrological function.</p> <p>An Environmental Impact Study (EIS) will follow processes and contain information as outlined by the MNRF in technical documents including the Wetland Environmental Impact Study Requirements Technical Manual (1995) and the Natural Heritage Reference Manual (1999 or updated/amended versions of these documents). The EIS will be reviewed and approved by MNRF.</p>		
<b>B. Primary Roads, Branch Roads, and Landings</b>		
<b>Planned or Existing</b>	<b>Public Comment</b>	<b>Exception</b>
<b>Conditions on Location, Construction or Use</b>		
<p>Water drawdowns or other activities that significantly alter hydrological regime are not permitted on existing roads within the AOC.</p> <p>New roads, landings and aggregate pits are not permitted within the PSW or AOC unless the EIS, and subsequent review and approval by the MNRF demonstrates that the proposed operations will either:</p> <ul style="list-style-type: none"> <li>• Not result in the loss of natural features or ecological functions that make the wetland provincially significant, or</li> <li>• May result in some loss of natural features or ecological functions that make the wetland provincially significant, but the loss is deemed by MNRF to be minimal and necessary to avoid undesirable ecological or socio-economic impacts of other feasible alternatives.</li> </ul>	No	No

Management Unit Name: Dryden Forest  
Plan Period: April 1, 2021 to March 31, 2031

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS  
AND FORESTRY AGGREGATE PITS**

C. Operational Roads and Landings		
Planned or Existing	Public Comment	Exception
Conditions on Location, Construction or Use		
Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply).	No	No
D. Forestry Aggregate Pits		
Planned or Existing	Exception	
Conditions on Location, Construction or Use		
Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply).	No	

**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS  
AND FORESTRY AGGREGATE PITS**

**Supplementary Table FMP-11.1**

Potential Impact:	High	Moderate	Low
<b>Harvest-related activities:</b>	<ul style="list-style-type: none"> <li>• Harvest operation <ul style="list-style-type: none"> <li>○ delimbing/slashing</li> <li>○ grinding/chipping</li> <li>○ bunching</li> <li>○ skidding</li> </ul> </li> <li>• Mechanical site preparation</li> <li>• Tree plant camp</li> <li>• Prescribed burns</li> </ul>	<ul style="list-style-type: none"> <li>• Tree Plant (&gt;5 people, ATV use)</li> <li>• Brush Saws (&gt;5 people)</li> <li>• Ground broadcast (i.e. airblast) herbicide application</li> </ul>	<ul style="list-style-type: none"> <li>• Aerial application of herbicides</li> <li>• Ground targeted (backpack or hand-held wands) application of herbicides</li> <li>• Boundary/tree marking</li> <li>• Tree Plant (≤5 people and no ATV)</li> <li>• Regeneration Survey</li> <li>• Aerial Seeding</li> </ul>
<b>Road-related activities</b>  <a href="#">(back to AOC list)</a>	<ul style="list-style-type: none"> <li>• Road construction</li> <li>• Aggregate extraction</li> <li>• Road Maintenance <ul style="list-style-type: none"> <li>○ removal of merchantable trees</li> <li>○ mechanical brush clearing (i.e. brush hog)</li> <li>○ repair of water crossings</li> </ul> </li> </ul>		<ul style="list-style-type: none"> <li>• Road layout</li> <li>• Aggregate pit boundary layout</li> <li>• Hauling</li> <li>• Travel through AOC</li> <li>• Routine Road Maintenance <ul style="list-style-type: none"> <li>○ grading, plowing</li> <li>○ winter sanding, salting</li> <li>○ dust control measures</li> <li>○ application of herbicides for vegetation control on shoulders</li> <li>○ loading and hauling aggregate from stockpiles</li> <li>○ cleaning of ditches &amp; drainage</li> <li>○ brushing of existing right-of-way</li> <li>○ gravelling, re-shaping road</li> <li>○ cleaning of culverts</li> <li>○ removal of beaver blockages</li> <li>○ application of gravel and riprap and other erosion protection</li> </ul> </li> </ul>

*This list may not include all activities. Use as a guide to determine potential impacts.*

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)

PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-12 PLANNED HARVEST AREA

Forest Unit	10-Year Available Harvest Area (ha)	Age Class	Planned Harvest Area 10-year period (ha)
<b>BFDOM</b>	-	0-20	-
	-	21-40	-
	31.1	41-60	-
	25.3	61-80	57.0
	23.1	81-100	25.0
	51.0	101-120	62.0
	21.2	121-140	17.0
	-	141+	-
	151.8		161.0
<b>BWDOM</b>	-	0-20	-
	-	21-40	-
	-	41-60	12.0
	49.4	61-80	38.0
	38.6	81-100	37.0
	-	101-120	-
	-	121-140	-
	-	141+	-
	88.0		87.0
<b>CONMX</b>	-	0-20	-
	-	21-40	-
	112.5	41-60	267.0
	482.3	61-80	363.0
	881.1	81-100	828.0
	335.8	101-120	345.0
	13.9	121-140	3.0
	30.8	141+	31.0
	1,856.4		1,837.0
<b>HRDMW</b>	-	0-20	-
	-	21-40	-
	55.0	41-60	161.0
	503.5	61-80	422.0
	524.3	81-100	510.0
	152.1	101-120	127.0
	-	121-140	-
	-	141+	-
	1,234.9		1,220.0
<b>HRDOM</b>	-	0-20	-
	-	21-40	-
	119.7	41-60	180.0
	651.3	61-80	586.0
	363.5	81-100	363.0
	29.3	101-120	34.0
	-	121-140	-
	-	141+	-
	1,163.8		1,163.0

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)

PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-12 PLANNED HARVEST AREA

Forest Unit	10-Year Available Harvest Area (ha)	Age Class	Planned Harvest Area 10-year period (ha)
<b>PJDOM</b>	-	0-20	-
	-	21-40	-
	70.1	41-60	18.0
	235.0	61-80	315.0
	953.8	81-100	918.0
	911.3	101-120	913.0
	7.0	121-140	14.0
	6.5	141+	
	2,183.8		2,178.0
<b>PJMX1</b>	-	0-20	-
	-	21-40	-
	46.4	41-60	85.0
	263.0	61-80	232.0
	699.5	81-100	728.0
	839.9	101-120	776.0
	-	121-140	-
	-	141+	
	1,848.8		1,821.0
<b>PODOM</b>	-	0-20	-
	-	21-40	-
	140.1	41-60	301.0
	616.3	61-80	525.0
	629.3	81-100	549.0
	22.5	101-120	22.0
	-	121-140	
	-	141+	
	1,408.3		1,397.0
<b>PRWMX</b>	-	0-20	-
	-	21-40	-
	-	41-60	-
	0.2	61-80	-
	20.0	81-100	20.0
	8.9	101-120	5.0
	5.2	121-140	-
	-	141+	
	34.3		25.0
<b>SBDOM</b>	-	0-20	-
	-	21-40	-
	-	41-60	-
	62.0	61-80	145.0
	666.4	81-100	708.0
	986.3	101-120	870.0
	45.5	121-140	37.0
	2.1	141+	2.0
	1,762.2		1,762.0

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)

PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-12 PLANNED HARVEST AREA

Forest Unit	10-Year Available Harvest Area (ha)	Age Class	Planned Harvest Area 10-year period (ha)
SBLOW	-	0-20	-
	-	21-40	-
	-	41-60	-
	-	61-80	-
	87.0	81-100	297.0
	823.7	101-120	797.0
	477.4	121-140	288.0
	105.1	141+	110.0
	1,493.0		1,492.0
SBMX1	-	0-20	-
	-	21-40	-
	-	41-60	-
	118.0	61-80	198.0
	605.6	81-100	543.0
	820.5	101-120	800.0
	-	121-140	-
	-	141+	-
	1,544.1		1,541.0
<b>Stage of Management Subtotal</b>		All clearcut forest units - no stages of management.	
<b>Total All Forest Units</b>	<b>14,768.4</b>		<b>14,684.0</b>

**Note:**

Available harvest area data by forest unit matches area reported in Table FMP-8.

Data for 10-year planned harvest area from actual harvest allocations.

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)

PLAN PERIOD: April 1, 2021 to March 31, 2031

### FMP-13 PLANNED HARVEST VOLUME BY SPECIES (10-Year)

Total Planned Harvest Area from FMP-12: 14,684 ha.

Forest Unit	10-Year Available Harvest Volume (m³)		10-Year Planned Harvest Volume (m³)															Total
			Conifer									Hardwood						
	Conifer	Hardwood	Pw	Pr	Pj	Sb	Sw	Bf	Ce	La	Subtotal	Po	Bw	MH	UH	LH	Subtotal	
Net Merchantable:																		
BFDOM	7,226	2,127	-	-	2,135	2,211	673	3,218	57	50	8,344	1,620	841	-	-	-	2,461	10,805
BWDOM	2,892	7,051	-	-	1,588	789	107	285	-	-	2,769	2,067	4,653	-	-	-	6,720	9,489
CONMX	149,455	49,064	-	-	102,553	33,058	3,259	7,910	2,919	-	149,699	33,551	15,798	-	-	-	49,349	199,048
HRDMW	77,838	89,916	-	-	42,690	18,090	4,587	11,093	1,286	-	77,746	71,623	18,583	-	-	-	90,206	167,952
HRDOM	36,455	108,471	-	-	15,472	11,992	3,083	5,624	656	-	36,827	88,574	22,118	-	-	-	110,692	147,519
PJDOM	230,302	12,233	-	-	219,009	11,348	-	776	-	-	231,133	6,916	5,450	-	-	-	12,366	243,499
PJMX1	185,137	14,895	-	-	148,717	30,082	1,303	2,345	-	-	182,447	10,219	4,476	-	-	-	14,695	197,142
PODOM	26,833	156,981	-	-	12,572	8,339	3,069	2,835	-	-	26,815	151,827	6,632	-	-	-	158,459	185,274
PRWMX	5,955	610	526	2,502	719	171	52	47	-	-	4,017	276	147	-	-	-	423	4,440
SBDOM	193,537	13,905	-	-	47,174	142,256	2,117	2,550	-	948	195,045	7,868	6,092	-	-	-	13,960	209,005
SBLOW	113,963	3,606	-	-	2,627	87,158	-	781	6,589	16,765	113,920	1,563	2,044	-	-	-	3,607	117,527
SBMX1	174,027	18,694	-	-	87,465	75,265	6,961	2,979	814	697	174,181	11,947	6,781	-	-	-	18,728	192,909
Sub-total	1,203,620	477,553	526	2,502	682,721	420,759	25,211	40,443	12,321	18,460	1,202,943	388,051	93,615	0	0	0	481,666	1,684,609
Defect (Branches, Twigs, Leaves, Bark):																		
BFDOM	2,838	1,175	-	-	563	796	256	1,619	29	20	3,283	959	409	-	-	-	1,368	4,651
BWDOM	265	883	-	-	20	158	34	47	-	-	259	208	622	-	-	-	830	1,089
CONMX	44,362	28,482	-	-	26,996	11,072	1,215	3,856	1,255	-	44,394	20,516	8,745	-	-	-	29,261	73,655
HRDMW	33,513	80,596	-	-	12,280	12,780	2,591	5,339	406	-	33,396	64,421	19,488	-	-	-	83,909	117,305
HRDOM	16,363	94,154	-	-	4,331	6,355	1,645	3,747	383	-	16,461	82,848	15,674	-	-	-	98,522	114,983
PJDOM	62,922	7,795	-	-	58,589	4,659	-	-	-	-	63,248	6,499	1,580	-	-	-	8,079	71,327
PJMX1	53,831	9,078	-	-	40,695	10,594	524	1,177	-	-	52,990	6,685	2,229	-	-	-	8,914	61,904
PODOM	8,331	108,382	-	-	3,157	2,856	1,067	1,359	-	-	8,439	108,167	3,703	-	-	-	111,870	120,309
PRWMX	819	191	93	331	85	23	8	11	-	-	551	92	37	-	-	-	129	680
SBDOM	67,670	1,967	-	-	13,794	51,760	858	1,292	-	394	68,098	843	482	-	-	-	1,325	69,423
SBLOW	44,777	-	-	-	925	33,206	-	433	3,503	7,178	45,245	-	-	-	-	-	-	45,245
SBMX1	53,021	12,790	-	-	23,616	24,824	2,516	1,455	354	300	53,065	8,998	3,819	-	-	-	12,817	65,882
Sub-total	388,712	345,493	93	331	185,051	159,083	10,714	20,335	5,930	7,892	389,429	300,236	56,788			0	357,024	746,453
Undersize:																		
BFDOM	1,243	311	-	-	370	419	112	522	8	8	1,439	269	84	-	-	-	353	1,792
BWDOM	278	420	-	-	31	173	29	33	-	-	266	121	257	-	-	-	378	644
CONMX	30,061	8,078	-	-	20,771	6,697	629	1,377	477	-	29,951	6,347	2,019	-	-	-	8,366	38,317
HRDMW	21,992	25,090	-	-	9,863	8,231	1,359	2,059	163	-	21,675	21,616	4,767	-	-	-	26,383	48,058
HRDOM	11,667	34,581	-	-	4,066	4,625	966	1,650	181	-	11,488	31,183	4,287	-	-	-	35,470	46,958
PJDOM	29,055	1,385	-	-	27,296	1,798	-	-	-	-	29,094	1,260	213	-	-	-	1,473	30,567
PJMX1	28,537	2,060	-	-	22,940	4,712	180	344	-	-	28,176	1,593	437	-	-	-	2,030	30,206
PODOM	5,952	38,139	-	-	2,686	1,948	635	575	-	-	5,844	37,007	945	-	-	-	37,952	43,796
PRWMX	157	18	14	76	25	6	2	2	-	-	125	11	4	-	-	-	15	140
SBDOM	35,966	490	-	-	9,413	26,104	344	345	-	88	36,294	232	96	-	-	-	328	36,622
SBLOW	20,209	-	-	-	635	16,600	-	148	844	2,182	20,409	-	-	-	-	-	-	20,409
SBMX1	12,687	1,328	-	-	6,292	5,674	422	153	75	75	12,691	1,030	300	-	-	-	1,330	14,021
Sub-total	197,804	111,900	14	76	104,388	76,987	4,678	7,208	1,748	2,353	197,452	100,669	13,409	0	0	0	114,078	311,530
TOTAL	1,790,136	934,946	633	2,909	972,160	656,829	40,603	67,986	19,999	28,705	1,789,824	788,956	163,812	0	0	-	952,768	2,742,592

Data for 10-Year available harvest volume from LTMD\_10 with adjusted MIST model volumes.

Data for 10-Year planned harvest volume from actual harvest allocations. Total volumes prorated for actual stand species composition and estimated wildlife trees (net-down).

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

#### FMP-14 PLANNED HARVEST VOLUME AND WOOD UTILIZATION

Total Planned Harvest Area from FMP-12: 14,684 ha.

Licensee or Grouping	Planned Harvest Area (ha)	Utilization	Volume Type	Product	Volume by Species (m3)															
					Conifer									Hardwood						Total
					Pw	Pr	PJ	Sb	Sw	Bf	Ce	La	Subtotal	Po	Bw	MH	UH	LH	Subtotal	
SFL	12,759		Net Merchantable	Fibre	457	2,174	593,216	365,597	21,906	35,141	10,706	16,040	1,045,237	337,178	81,342	-	-	-	418,520	1,463,757
			Undersize & Defect	All	93	354	251,494	205,121	13,374	23,932	6,671	8,902	509,941	348,346	60,994	-	-	-	409,341	919,281
OFRL Group	1,925		Net Merchantable	Fibre	69	328	89,505	55,162	3,305	5,302	1,615	2,420	157,706	50,873	12,273	-	-	-	63,146	220,852
			Undersize & Defect	All	14	53	37,945	30,949	2,018	3,611	1,007	1,343	76,940	52,559	9,203	-	-	-	61,761	138,702
Total:		14,684		Total:	633	2,909	972,160	656,829	40,603	67,986	19,999	28,705	1,789,824	788,956	163,812	-	-	-	952,768	2,742,592
		Utilized	Net Merchantable	Fibre	526	2,502	682,721	420,759	25,211	40,443	12,321	18,460	1,202,943	388,051	93,615	-	-	-	481,666	1,684,609
			Undersize & Defect	All	107	407	289,439	236,070	15,392	27,543	7,678	10,245	586,881	400,905	70,197	-	-	-	471,102	1,057,983
			Subtotal:		633	2,909	972,160	656,829	40,603	67,986	19,999	28,705	1,789,824	788,956	163,812	-	-	-	952,768	2,742,592
		Unutilized	Net Merchantable	Fibre									-						-	-
			Undersize & Defect	All									-						-	-
			Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Total:		633	2,909	972,160	656,829	40,603	67,986	19,999	28,705	1,789,824	788,956	163,812	-	-	-	952,768	2,742,592	

Data for 10-Year planned harvest volume from actual harvest allocations. Total volumes prorated for estimated volume by age class and forest unit and estimated wildlife trees (net-down).

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

**FMP-15 PLANNED WOOD UTILIZATION BY MILL**

Mill	Commitment Type	Committed Volume (m3 per year)	Year	Product	Volume by Species (m3)																
					Conifer									Hardwood							Total
					Pw	Pr	Pj	Sb	Sw	Bf	Ce	La	Subtotal	Po	Bw	MH	UH	LH	Subtotal		
Domtar Inc., Dryden	Ministerial Supply Commitment #536276	81,200 SPF	All	Fibre			400,000	355,000	25,000	32,000			812,000						0	812,000	
Domtar Inc., Dryden	Ministerial Supply Commitment #536276	3,000 Poplar 2,000 Birch	All	Defect and Undersized									0	30,000	20,000				50,000	50,000	
Weyerhaeuser Company Limited, Kenora	Ministerial Supply Commitment #536277	6,000 Poplar 4,000 Birch	All	Net. Merch. Non-veneer / Net. Merch. Fibre									0	60,000	40,000				100,000	100,000	
Oxdrift Tractor Sales	SFL App. E	7,000 SPF	All	Net Merch. Sawlogs			44,000	24,000		2,000			70,000						0	70,000	
Open Market	Open Market		All	Fibre	526	2,502	238,721	41,759	211	6,443	12,321	18,460	320,943	328,051	53,615	0	0	0	381,666	702,609	
Open Market	Open Market		All	Defect/ Undersize	107	407	289,439	236,070	15,392	27,543	7,678	10,245	586,881	370,905	50,197	0	0	0	421,102	1,007,983	
Total					633	2,909	972,160	656,829	40,603	67,986	19,999	28,705	1,789,824	788,956	163,812	0	0	0	952,768	2,742,592	

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

**FMP-16 CONTINGENCY HARVEST AREA AND VOLUME**

Forest Unit	Age Class	Contingency Harvest Area (ha)	Contingency Harvest Volume (m <sup>3</sup> )		
			Conifer	Hardwood	Total
BFDOM	0-20				
	21-40				
	41-60				
	61-80	1.4	67	19	86
	81-100	36.0	1,847	571	2,418
	101-120	9.7	537	177	714
	121-140				
	141+				
	Subtotal	47.2	2,452	766	3,218
BWDOM	0-20				
	21-40				
	41-60	28.2	504	873	1,377
	61-80				
	81-100				
	101-120				
	121-140				
	141+				
	Subtotal	28.2	504	873	1,377
CONMX	0-20				
	21-40				
	41-60	134.7	10,370	3,197	13,567
	61-80	62.2	5,190	1,631	6,821
	81-100	50.9	4,187	1,416	5,603
	101-120	25.3	1,776	617	2,393
	121-140	17.0	1,125	344	1,469
	141+				
	Subtotal	290.1	22,648	7,204	29,852
HRDMW	0-20				
	21-40				
	41-60	29.0	1,415	1,372	2,787
	61-80	50.4	3,317	3,754	7,071
	81-100	47.1	3,018	3,632	6,651
	101-120				
	121-140	13.7	714	377	1,091
	141+				
	Subtotal	140.1	8,465	9,135	17,600
HRDOM	0-20				
	21-40				
	41-60	102.8	2,216	5,244	7,459
	61-80	11.8	363	990	1,353
	81-100	44.9	1,364	4,381	5,744
	101-120				
	121-140				
	141+				
	Subtotal	159.5	3,942	10,614	14,556

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

**FMP-16 CONTINGENCY HARVEST AREA AND VOLUME**

Forest Unit	Age Class	Contingency Harvest Area (ha)	Contingency Harvest Volume (m <sup>3</sup> )		
			Conifer	Hardwood	Total
PJDOM	0-20				
	21-40				
	41-60	125.7	11,057	539	11,596
	61-80	16.6	2,007	89	2,095
	81-100	18.5	1,894	105	1,999
	101-120	44.4	4,746	258	5,004
	121-140	17.8	1,500	72	1,573
	141+				
	Subtotal	223.0	21,204	1,063	22,266
PJM1	0-20				
	21-40				
	41-60	26.1	2,371	174	2,545
	61-80	55.6	5,624	432	6,056
	81-100	60.9	6,162	502	6,664
	101-120	45.3	4,213	350	4,562
	121-140	9.7	798	46	844
	141+				
	Subtotal	197.6	19,168	1,503	20,671
PODOM	0-20				
	21-40				
	41-60	111.7	1,633	8,613	10,246
	61-80	16.0	269	1,509	1,777
	81-100	18.0	371	2,285	2,656
	101-120				
	121-140				
	141+				
	Subtotal	145.7	2,272	12,407	14,679
PRWMX	0-20				
	21-40				
	41-60				
	61-80				
	81-100				
	101-120				
	121-140				
	141+				
	Subtotal	0.0	0	0	0
SBDOM	0-20				
	21-40				
	41-60				
	61-80	62.2	6,001	399	6,400
	81-100	79.3	9,091	657	9,748
	101-120	36.0	4,174	307	4,481
	121-140	37.8	3,953	295	4,249
	141+				
	Subtotal	215.4	23,219	1,658	24,877

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

**FMP-16 CONTINGENCY HARVEST AREA AND VOLUME**

Forest Unit	Age Class	Contingency Harvest Area (ha)	Contingency Harvest Volume (m <sup>3</sup> )		
			Conifer	Hardwood	Total
SBLOW	0-20				
	21-40				
	41-60				
	61-80				
	81-100	150.2	8,927	254	9,181
	101-120	146.6	11,069	340	11,409
	121-140	8.5	706	22	729
	141+	8.0	666	21	688
	Subtotal	313.2	21,369	638	22,006
SBMX1	0-20				
	21-40				
	41-60				
	61-80	57.0	4,927	464	5,392
	81-100	83.2	9,426	1,021	10,447
	101-120	43.2	4,849	543	5,392
	121-140				
	141+				
	Subtotal	183.4	19,203	2,028	21,231
<b>Total All Forest Units</b>		<b>1,943.3</b>	<b>144,446</b>	<b>47,889</b>	<b>192,335</b>

15.8 months of contingency area.

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-17 PLANNED RENEWAL AND TENDING OPERATIONS

Renewal	Planned Area (ha) (10-year)	
	Harvest	Natural Disturbance
<b>Regeneration</b>		
<b>Natural Regeneration</b>		
Clearcut Silvicultural System (even-aged)	4,422	
Block Cut		
Strip Cut		
Seed Tree Cut		
HARP/HARO/CLAAG		
Shelterwood Silvicultural System (even-aged)		
Uniform Shelterwood - Seed Cut		
Strip Shelterwood - Strip Cut		
Selection Silvicultural System (uneven-aged)		
<b>Subtotal Natural</b>	<b>4,422</b>	<b>-</b>
<b>Artificial Regeneration</b>		
Planting	7,521	
Seeding	2,741	
<b>Subtotal Artificial</b>	<b>10,262</b>	<b>-</b>
<b>Total Regeneration</b>	<b>14,684</b>	<b>-</b>
<b>Artificial Regeneration - Retreatment</b>		
Planting	200	
Seeding		
<b>Total Retreatment</b>		<b>-</b>
<b>Artificial Regeneration - Supplemental</b>		
Planting	100	
Seeding	500	
<b>Total Supplemental</b>	<b>600</b>	<b>-</b>
<b>Site Preparation</b>		
Mechanical	3,008	
Chemical Aerial	500	
Ground		
Prescribed Burn High Complexity	50	
Slash Pile Burn	9,712	
<b>Total Site Preparation</b>	<b>13,270</b>	<b>-</b>
<b>Tending</b>		
<b>Cleaning</b>		
Manual	700	
Chemical Aerial	2,811	
Ground	200	
Prescribed Burn High Complexity		
Slash Pile Burn		
<b>Spacing, pre-commercial thinning, improvement cutting</b>		
Clearcut and Shelterwood Silvicultural Systems (e	1,500	
Selection Silvicultural System (uneven-aged)		
<b>Other</b>		
Cultivation		
Pruning		
<b>Total Tending</b>	<b>5,211</b>	<b>-</b>

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-18 Road Construction and Use Management

Road or Road Network Identifier	Responsibility	Plan Start Length (km)	Planned Construction (km) 10 year	Use Management					
				Maintenance	Monitoring	Access Control		Future Use Management	
						Type	Year	Transfer Year	Management Intent
<b>A. Primary</b>									
Anderson Road	SFL	3.2	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Angie Road	SFL	NEW	4.2	RUMS-3	RUMS-3	Private - No Barrier	N/A	N/A	N/A
Basen Road	SFL	NEW	6.2	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Basket Lake Road	SFL	9.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Beaverhut Road	SFL	0.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Bogg Lake Road	SFL	7.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Boudreau Road	SFL	NEW	4.3	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Britton Township Road	SFL	4.5	0.0	RUMS-5	RUMS-5	None	N/A	N/A	N/A
Buddy Road	SFL	NEW	7.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Bumblebee Road	SFL	0.9	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Burnet Lake Road	SFL	0.8	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Caribou Lake Road	SFL	2.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Chaval Road	SFL	0.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Clay Road	SFL	0.9	4.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Cobble Lake Road	SFL	5.6	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Crandell Road	SFL	1.7	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Dam Road	SFL	1.3	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Detour Point North Road	SFL	3.9	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Detour Point Road	SFL	12.2	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Dump Road B	MNRF	0.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Dyment Road	SFL	1.0	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Eton-Rugby Road	SFL	16.9	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Fen Lake West Road	MNRF	1.8	0.0	RUMS-5	RUMS-5	None	N/A	N/A	N/A
Finlayson Road North	SFL	2.8	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Forest Lake Road	SFL	2.9	2.9	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Game Lake Road	MNRF	1.9	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Glider Lake Road	SFL	12.6	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Gordon Lake - A Road	MNRF	0.7	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Gordon Lake Road	SFL	14.2	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Hartman North Road	SFL	1.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Hartman Township Road	SFL	5.2	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Kimber Lake Road	SFL	5.2	4.5	RUMS-1	RUMS-1	None	N/A	N/A	N/A
King Street	MNRF	0.2	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Knob Lake Road	MNRF	4.6	0.0	RUMS-5	RUMS-5	None	N/A	N/A	N/A
Ladysmith Township Road	SFL	10.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Langton Township Road	SFL	5.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Lorne Lake Road	SFL	5.1	0.0	RUMS-5	RUMS-5	None	N/A	N/A	N/A
Mafeking Loop Road	SFL	15.2	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
McDonald Lake Road	SFL	NEW	7.7	RUMS-1	RUMS-1	None	N/A	N/A	N/A
McIntosh Road	MNRF	4.3	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Narrow Lake Road	SFL	NEW	4.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Norman Road	SFL	4.0	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
North Road	SFL	11.3	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
North Spruce Road	SFL	0.3	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Old Contact Bay	SFL	1.9	0.0	RUMS-3	RUMS-3	Private - No Barrier	N/A	N/A	N/A
Pine Road	SFL	2.6	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Pit Road	MNRF	0.8	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Pond Lake Road	SFL	1.8	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Rasin Lake Road	SFL	NEW	9.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Redbluff Creek Road	SFL	5.9	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Redvers Township Road	SFL	10.8	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Riley Road	SFL	NEW	5.6	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Snell Road	SFL	4.0	0.0	RUMS-5	RUMS-5	None	N/A	N/A	N/A
Soma Road	SFL	0.2	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Tay Lake Road	SFL	10.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Tay Lake Road North	SFL	NEW	4.8	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Temple Township Road	SFL	4.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Triangle Lake Road	SFL	12.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Turgeon Road	SFL	3.3	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Turkey Trail Road	SFL	3.7	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Twenty Mile Creek Road	SFL	10.7	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Twin River Road	SFL	11.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Wabigoon River Road	SFL	15.2	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Wabigoon River Road - 5	SFL	0.2	0.0	RUMS-3	RUMS-3	None	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-18 Road Construction and Use Management

Road or Road Network Identifier	Responsibility	Plan Start Length (km)	Planned Construction (km) 10 year	Use Management					
				Maintenance	Monitoring	Access Control		Future Use Management	
						Type	Year	Transfer Year	Management Intent
Weber Road	SFL	1.3	1.8	RUMS-1	RUMS-1	None	N/A	N/A	N/A
West Road	SFL	6.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
White Spruce Road	SFL	3.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Wickens Lake North Road	SFL	2.0	0.0	RUMS-5	RUMS-5	None	N/A	N/A	N/A
Wickens Lake Road	SFL	4.5	0.0	RUMS-5	RUMS-5	None	N/A	N/A	N/A
Williams Bay Road	SFL	1.6	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
<b>Subtotal Primary:</b>		300.9	66.0						
<b>B. Branch</b>									
06.122 Road	SFL	1.0	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.125 Road	MNRF	0.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06-06 Road	SFL	1.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06-13 Road	SFL	2.0	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06-14 Road	SFL	1.7	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06-18 Road	SFL	3.9	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06-20 Road	SFL	1.0	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06-22 Road	MNRF	0.2	0.0	RUMS-2	RUMS-2	None	N/A	N/A	N/A
11.321 Road	MNRF	1.8	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Akin Lake Road	SFL	3.2	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Amesdale Road - 2	MNRF	0.9	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Amesdale Road - 3	MNRF	6.0	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Augite Lake Road	SFL	0.9	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Black Spruce Road	SFL	0.9	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Blackbluff Creek Road	SFL	2.6	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Blk 06.077 Road	SFL	2.3	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Blk 1.090 Road	MNRF	0.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Bogg Lake Road South	SFL	1.7	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Boot Lake Road	SFL	2.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Bottle Bay Lake Road	SFL	2.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Bowden Lake Road	SFL	1.6	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Burnet Lake Road	SFL	0.8	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Dominic Lake Road	SFL	7.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
East Lewis Road	SFL	NEW	3.5	RUMS-5	RUMS-5	None	N/A	N/A	N/A
Edward Lake 1	MNRF	0.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Ely Lake Access	MNRF	0.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Ely Lake Road	MNRF	0.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Fiest Lake Road	SFL	1.8	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Flambeau Lake Road	MNRF	0.4	0.0	RUMS-11	RUMS-11	None	N/A	2019	Third Party
Game Lake Road - 1	MNRF	1.9	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Glider Lake Road - 1	MNRF	0.6	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Good Lake Creek Road	SFL	1.3	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Good Lake Road	MNRF	1.6	0.0	RUMS-11	RUMS-11	None	N/A	2022	Third Party
Harvey Road	SFL	NEW	3.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Higgins Road	SFL	1.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Hodgins Road	SFL	0.2	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Hodgins West Road	SFL	5.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Horseshoe Lake Road	SFL	NEW	3.5	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Hummingbird Lake Road	SFL	1.6	0.0	RUMS-2	RUMS-2	None	N/A	N/A	N/A
King Road	SFL	0.0	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Ladysmith Road	MNRF	1.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Ladysmith Road - 1	MNRF	1.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Langton Lake Road	SFL	3.0	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Lavoie Road	SFL	1.6	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Lewis Road	SFL	3.1	0.0	RUMS-5	RUMS-5	None	N/A	N/A	N/A
Liz Road	SFL	NEW	3.6	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Lorne Lake Road	MNRF	2.7	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Ludy Lake Road	SFL	1.8	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Lundmark Road	SFL	3.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Mcdiarmid-Taylor Road	MNRF	1.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Melgund Orchard Road	SFL	1.0	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Misc Road	MNRF	0.6	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Mutrie Township Road	MNRF	5.1	0.0	RUMS-4	RUMS-3	Private - Gate	2011	N/A	N/A
Nixon Lake Road	MNRF	0.2	0.0	RUMS-11	RUMS-11	None	N/A	2019	Third Party
Pear Lake Road	SFL	2.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Pope Lake Road	MNRF	4.0	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Pope Lake Road East	MNRF	2.3	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

### FMP-18 Road Construction and Use Management

Road or Road Network Identifier	Responsibility	Plan Start Length (km)	Planned Constructio n (km) 10 year	Use Management					
				Maintenance	Monitoring	Access Control		Future Use Management	
						Type	Year	Transfer Year	Management Intent
Pyatt Lake Road	SFL	3.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Quibell Lake Road	SFL	0.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Revel River Road	SFL	3.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Riley Road	MNRF	1.2	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Rowell Twp Road	MNRF	0.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Rugby Creek Road	SFL	2.9	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Single Lake Road	SFL	1.9	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Smellie #2 Road	SFL	4.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Stewart West Road	SFL	NEW	2.5	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Strawberry Lake Road	SFL	1.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Tache Drive	SFL	3.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Tache Spur Road	MNRF	0.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Todd's Road	SFL	NEW	2.5	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Top of the World Road	SFL	3.7	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Trott Lake Road	SFL	4.3	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Tupling Road	SFL	2.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Wabigoon River Spur Road	SFL	0.9	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
West Road	SFL	NEW	2.1	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Wigwam Lake Road	SFL	4.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Williams Lake Road	SFL	3.9	2.6	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Williams West Road	SFL	NEW	3.1	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Yellow Road	SFL	NEW	4.5	RUMS-5	RUMS-5	None	N/A	N/A	N/A
Subtotal Branch:		140.8	30.9						
Total New Construction:			96.9						
C. Operational									
01.035 Road	SFL	1.7	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
01.096 Road	SFL	1.6	0.0	RUMS-2	RUMS-2	None	N/A	2022	
01.108 Road	SFL	2.9	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.002 Road	SFL	1.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.007 Road	SFL	1.2	0.0	RUMS-2	RUMS-2	None	N/A	2022	
06.009 Road	SFL	0.3	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.010 Road	SFL	0.9	0.0	RUMS-2	RUMS-2	None	N/A	2022	
06.012 Road	SFL	1.7	0.0	RUMS-2	RUMS-2	None	N/A	2022	
06.014 Road	SFL	0.3	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.018 Road	SFL	0.2	0.0	RUMS-4	RUMS-4	Private	2011	N/A	N/A
06.019B Road	SFL	3.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.029 Road	SFL	0.9	0.0	RUMS-2	RUMS-2	None	N/A	2022	
06.030 Road	SFL	1.0	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.034 Road	SFL	8.0	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.039 Road	SFL	1.2	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.044 Road	SFL	0.4	0.0	RUMS-2	RUMS-2	None	N/A	2022	
06.045 Road	SFL	0.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.051 Road	SFL	0.2	0.0	RUMS-2	RUMS-2	None	N/A	2022	
06.060 Road	SFL	0.6	0.0	RUMS-2	RUMS-2	None	N/A	2022	
06.074 Road	SFL	0.4	0.0	RUMS-2	RUMS-2	None	N/A	2022	
06.077 Road	SFL	0.6	0.0	RUMS-2	RUMS-2	None	N/A	2022	
06.079 Road	SFL	1.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.090 Road	SFL	0.3	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.097 Road	SFL	0.6	0.0	RUMS-5	RUMS-5	None	N/A	N/A	N/A
06.098 Road	SFL	0.1	0.0	RUMS-5	RUMS-5	None	N/A	N/A	N/A
06.102 Road	SFL	1.0	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.104 Road	SFL	3.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.105 Road	SFL	1.0	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.106 Road	SFL	0.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.109 Road	SFL	2.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.110 Road	SFL	1.3	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.115 Road	SFL	1.3	0.0	RUMS-5	RUMS-5	None	N/A	N/A	N/A
06.116 Road	SFL	1.3	0.0	RUMS-5	RUMS-5	None	N/A	N/A	N/A
06.122 Road	SFL	0.3	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.125 Road	SFL	0.9	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.126 Road	SFL	0.5	0.0	RUMS-2	RUMS-2	None	N/A	2022	
06.128 Road	SFL	0.2	0.0	RUMS-2	RUMS-2	None	N/A	2022	
06.131 Road	SFL	1.1	0.0	RUMS-5	RUMS-5	None	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-18 Road Construction and Use Management

Road or Road Network Identifier	Responsibility	Plan Start Length (km)	Planned Construction (km) 10 year	Use Management					
				Maintenance	Monitoring	Access Control		Future Use Management	
						Type	Year	Transfer Year	Management Intent
06.14 Road	SFL	0.2	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.140 Road	SFL	1.2	0.0	RUMS-2	RUMS-2	None	N/A	2022	
06.142 Road	SFL	0.7	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.149 Road	SFL	0.9	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.154 Road	SFL	1.1	0.0	RUMS-2	RUMS-2	None	N/A	2022	
06.155 Road	SFL	2.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.161 Road	SFL	0.2	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.168 Road	SFL	0.3	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.169 Road	SFL	1.5	0.0	RUMS-2	RUMS-2	None	N/A	2022	
06.183 Road	SFL	0.6	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.189 Road	SFL	1.7	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.193 Road	SFL	0.3	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06.194 Road	SFL	1.1	0.0	RUMS-2	RUMS-2	None	N/A	2022	
06.207 Road	SFL	0.5	0.0	RUMS-2	RUMS-2	None	N/A	2022	
06.304 Road	SFL	0.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06-08 Road	SFL	0.6	0.0	RUMS-3	RUMS-3	Private	2011	N/A	N/A
06-13 Road	SFL	0.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06-15 Road	SFL	0.8	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06-19 Road	SFL	0.7	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
06-24 Road	SFL	3.2	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
1.134 Road	SFL	0.6	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.014 Road	SFL	2.7	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.016 Road	SFL	0.9	0.0	RUMS-6	RUMS-6	None	N/A	2022	
11.019 Road	SFL	1.8	0.0	RUMS-6	RUMS-6	None	N/A	2022	
11.022 Road	SFL	1.4	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.031 Road	SFL	1.1	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.0329 Road	SFL	1.1	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.034 Road	SFL	6.1	0.0	RUMS-5	RUMS-5	None	N/A	N/A	N/A
11.035 Road	SFL	1.1	0.0	RUMS-5	RUMS-5	None	N/A	N/A	N/A
11.037 Road	SFL	1.0	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.043 Road	SFL	0.7	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
11.048 Road	SFL	1.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
11.066 Road	SFL	1.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
11.067 Road	SFL	2.2	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
11.069 Road	SFL	0.7	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.071 Road	SFL	0.5	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.114 Road	SFL	0.4	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.117 Road	SFL	1.5	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.120 Road	SFL	0.9	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.125 Road	SFL	1.9	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.127 Road	SFL	0.3	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.128 Road	SFL	1.9	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.133 Road	SFL	1.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
11.137 Road	SFL	3.7	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.144 Road	SFL	2.3	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.147 Road	SFL	0.8	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.168 Road	SFL	2.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
11.180 Road	SFL	0.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
11.192 Road	SFL	1.6	0.0	RUMS-4	RUMS-4	Private	2011	N/A	N/A
11.198 Road	SFL	2.6	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.206 Road	SFL	3.4	0.0	RUMS-4	RUMS-4	Private	2011	N/A	N/A
11.215 Road	SFL	0.9	0.0	RUMS-6	RUMS-6	None	N/A	2022	
11.237 Road	SFL	2.0	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.238 Road	SFL	0.1	0.0	RUMS-4	RUMS-4	Private	2011	N/A	N/A
11.239 Road	SFL	4.1	0.0	RUMS-6	RUMS-6	None	N/A	2022	
11.245 Road	SFL	0.3	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.248 Road	SFL	0.3	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.253 Road	SFL	2.6	0.0	RUMS-6	RUMS-6	None	N/A	2022	
11.260 Road	SFL	2.4	0.0	RUMS-6	RUMS-6	None	N/A	2022	
11.261 Road	SFL	4.0	0.0	RUMS-6	RUMS-6	None	N/A	2022	
11.263 Road	SFL	0.6	0.0	RUMS-5	RUMS-5	None	N/A	N/A	N/A
11.272 Road	SFL	0.1	0.0	RUMS-5	RUMS-5	None	N/A	N/A	N/A
11.275 Road	SFL	0.2	0.0	RUMS-6	RUMS-6	None	N/A	2022	
11.281 Road	SFL	1.5	0.0	RUMS-6	RUMS-6	None	N/A	2022	
11.282 Road	SFL	2.2	0.0	RUMS-5	RUMS-5	None	N/A	N/A	N/A

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-18 Road Construction and Use Management

Road or Road Network Identifier	Responsibility	Plan Start Length (km)	Planned Construction (km) 10 year	Use Management					
				Maintenance	Monitoring	Access Control		Future Use Management	
						Type	Year	Transfer Year	Management Intent
11.289 Road	SFL	1.5	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.292 Road	SFL	1.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
11.295 Road	SFL	0.4	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.298 Road	SFL	3.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
11.300 Road	SFL	1.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
11.301 Road	SFL	0.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
11.307 Road	SFL	0.8	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.314 Road	SFL	2.3	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.317 Road	SFL	0.7	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.320 Road	SFL	3.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
11.323 Road	SFL	1.2	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.329 Road	SFL	0.9	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
11.330 Road	SFL	0.3	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.336 Road	SFL	1.3	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.337 Road	SFL	0.9	0.0	RUMS-3	RUMS-3	Private	2011	N/A	N/A
11.347 Road	SFL	2.8	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
11.349 Road	SFL	4.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
11.367 Road	SFL	0.4	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
11.369 Road	SFL	4.1	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.370 Road	SFL	0.9	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.374 Road	SFL	3.2	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.375 Road	SFL	2.9	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.377 Road	SFL	0.8	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.400 Road	SFL	0.4	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.406 Road	SFL	2.7	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.422 Road	SFL	1.6	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
11.501 Road	SFL	1.0	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.502 Road	SFL	0.0	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.503 Road	SFL	0.9	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.504 Road	SFL	0.4	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.505 Road	SFL	1.1	0.0	RUMS-2	RUMS-2	None	N/A	2022	
11.506 Road	SFL	0.4	0.0	RUMS-2	RUMS-2	None	N/A	2022	
Amesdale Extension - 1 Road	SFL	1.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Amesdale Road	SFL	0.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Blk 06.030 Road	SFL	1.5	0.0	RUMS-2	RUMS-2	None	N/A	2022	
Blk 06.107 Road	SFL	1.0	0.0	RUMS-2	RUMS-2	None	N/A	2022	
Blk 06.124 Road	SFL	1.8	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Blk 06.136 Road	SFL	2.2	0.0	RUMS-5	RUMS-5	None	N/A	N/A	N/A
Blk 06.144 Road	SFL	1.5	0.0	RUMS-2	RUMS-2	None	N/A	2022	
Blk 06.42 Road	SFL	0.2	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Blk 1.072 Road	SFL	1.8	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Blk 1.080 Road	SFL	0.6	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Blk 1.127 Road	SFL	0.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Blk 6.020 Road	SFL	0.0	0.0	RUMS-2	RUMS-2	None	N/A	2022	
Bogg Lake - 2 Road	SFL	0.6	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Bogg Lake -1 Road	SFL	0.3	0.0	RUMS-2	RUMS-2	None	N/A	2022	
Cook Lake Road - 1	SFL	0.3	0.0	RUMS-2	RUMS-2	None	N/A	2022	
Crandell Road	SFL	2.6	0.0	RUMS-3	RUMS-3	Private	2011	N/A	N/A
Detour Point Road - 3	SFL	0.6	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Finlayson Road North	SFL	0.2	0.0	RUMS-2	RUMS-2	None	N/A	2022	
Full Circle Road	SFL	1.7	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Good Lake Road - 1	SFL	0.3	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Gordon Lake Road - 1	SFL	0.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Hartman Twp Road	SFL	0.4	0.0	RUMS-2	RUMS-2	None	N/A	2022	
Harvest Trail Road	SFL	0.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Horseshoe Lake Road	SFL	3.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Kelly Road	SFL	1.1	0.0	RUMS-3	RUMS-3	Private	2011	N/A	N/A
Mafeking Township Road - 1	SFL	4.9	0.0	RUMS-2	RUMS-2	None	N/A	2022	
Melgund Orchard Road	SFL	0.1	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
R1 Road	SFL	0.6	0.0	RUMS-2	RUMS-2	None	N/A	2022	
Rugby Orchard Road	SFL	2.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Sandy Point Road 3	SFL	2.3	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Smellie #2 Road	SFL	0.9	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Temple Township Road	SFL	0.5	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Trail Road	SFL	1.1	0.0	RUMS-2	RUMS-2	None	N/A	2022	
Twin River Road	SFL	0.3	0.0	RUMS-2	RUMS-2	None	N/A	2022	
Unknown Lake Access Road	SFL	0.1	0.0	RUMS-2	RUMS-2	None	N/A	2022	
Wabigoon River Road - 4	SFL	0.6	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Williams Lake - 14 Road	SFL	0.6	0.0	RUMS-1	RUMS-1	None	N/A	N/A	N/A
Williams Lake Road - 12	SFL	2.1	0.0	RUMS-2	RUMS-2	None	N/A	2022	
Williams Lake Road - 12 - East	SFL	0.4	0.0	RUMS-2	RUMS-2	None	N/A	2022	

**FMP-18 Road Construction and Use Management**

Road or Road Network Identifier	Responsibility	Plan Start Length (km)	Planned Construction (km) 10 year	Use Management					
				Maintenance	Monitoring	Access Control		Future Use Management	
						Type	Year	Transfer Year	Management Intent
New Operational Roads	SFL	New		RUMS-2	RUMS-2	None	N/A	2033	Decomission
	Operational Roads Boundaries (ORB's)								
	ORBID	ORBID	ORBID	ORBID	ORBID	ORBID	ORBID	Contingency	
	21.001	21.030	21.059	21.099	21.143	21.170	21.202	21.214	21.231
	21.002	21.031	21.060	21.102	21.144	21.172	21.203	21.215	21.232
	21.003	21.032	21.061	21.103	21.145	21.174	21.204	21.216	21.233
	21.004	21.033	21.062	21.104	21.146	21.175	21.205	21.217	21.234
	21.005	21.034	21.063	21.105	21.147	21.179	21.206	21.218	21.235
	21.006	21.035	21.064	21.107	21.148	21.180	21.207	21.219	21.236
	21.007	21.038	21.065	21.108	21.149	21.181	21.208	21.220	21.237
	21.008	21.039	21.066	21.109	21.150	21.182	21.209	21.221	21.238
	21.009	21.040	21.067	21.110	21.151	21.183	21.210	21.222	21.239
	21.011	21.041	21.068	21.111	21.152	21.184	21.211	21.223	21.240
	21.012	21.042	21.069	21.112	21.153	21.185	21.212	21.224	21.241
	21.014	21.043	21.070	21.113	21.154	21.186	21.213	21.225	
	21.015	21.044	21.071	21.114	21.155	21.187		21.226	
	21.016	21.045	21.072	21.116	21.156	21.188		21.227	
	21.017	21.046	21.073	21.117	21.157	21.189		21.228	
	21.018	21.047	21.074	21.118	21.158	21.190		21.229	
	21.019	21.048	21.075	21.119	21.159	21.191		21.230	
	21.020	21.049	21.076	21.121	21.160	21.192			
	21.021	21.050	21.077	21.134	21.161	21.193			
	21.022	21.051	21.078	21.135	21.162	21.194			
	21.023	21.052	21.079	21.136	21.163	21.195			
	21.024	21.053	21.080	21.137	21.164	21.196			
	21.025	21.054	21.094	21.138	21.165	21.197			
	21.026	21.055	21.095	21.139	21.166	21.198			
	21.027	21.056	21.096	21.140	21.167	21.199			
	21.028	21.057	21.097	21.141	21.168	21.200			
	21.029	21.058	21.098	21.142	21.169	21.201			
New Operational Roads	SFL	New		RUMS-4	RUMS-4	Private	2021	2033	Decomission
	Operational Roads Boundaries (ORB's)								
	ORBID	ORBID	ORBID	ORBID	ORBID	ORBID	ORBID	Contingency	
	11.049	21.037	21.120	21.176					
	21.036	21.113	21.123	21.177					
New Operational Roads	SFL	New		RUMS-6	RUMS-6	MEA	2021	2033	Decomission
	Operational Roads Boundaries (ORB's)								
	ORBID	ORBID	ORBID	ORBID	ORBID	ORBID	ORBID	Contingency	
	21.081	21.085	21.089	21.093	21.122	21.126	21.130	21.101	21.124
	21.082	21.086	21.090	21.100	21.123	21.127	21.131	21.115	21.125
	21.083	21.087	21.091	21.101	21.124	21.128	21.132	21.122	
	21.084	21.088	21.092	21.115	21.125	21.129	21.133	21.123	
Subtotal Operational:		224.3							

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

### FMP-18 Road Construction and Use Management

D. Other Existing Roads that will be used for forest management purposes:							
Roadname	Responsibility	Km					
83 ROAD	Local Roads Board	0.8					
ADAMS ROAD	Local Roads Board	6.1					
AHO RD	Local Roads Board	0.4					
ALEXANDRA ST	Local Roads Board	0.4					
AMESDALE EXT-2 RD	Local Roads Board	4.2					
AMESDALE RD	Local Roads Board	11.0					
ANDERSON RD	Local Roads Board	3.8					
ANTON RD	Local Roads Board	0.8					
ARMSTRONG RD	Local Roads Board	3.3					
BAY ST	Local Roads Board	0.3					
BEAR PAW RD	Local Roads Board	2.3					
BEAVERHUT RD	Local Roads Board	0.2					
BENHAM RD	Local Roads Board	4.3					
BIRCHDALE RD	Local Roads Board	4.0					
BLUE LAKE LOOP RD	Local Roads Board	7.0					
BLUE LAKE ROAD	Local Roads Board	0.2					
BOIVIN ROAD	Local Roads Board	0.8					
BOWDEN ROAD	Local Roads Board	0.9					
BROUGH DRIVE	Local Roads Board	0.5					
BROWN BAY RD	Local Roads Board	4.5					
BULLOCK RD	Local Roads Board	1.1					
CEDAR POINT RD	Local Roads Board	2.2					
CEMETARY RD	Local Roads Board	3.7					
CHANLEY DRIVE - 1	Local Roads Board	0.9					
CHAVAL RD	Local Roads Board	0.5					
CLAY LAKE RD	Local Roads Board	0.4					
CONSERVATION CLUB RD	Local Roads Board	1.1					
COOMBS DRIVE	Local Roads Board	1.6					
CORNER RD	Local Roads Board	0.7					
Dinorwic Town Rds	Local Roads Board	2.3					
DUMP RD B	Local Roads Board	1.3					
EAST RD	Local Roads Board	0.8					
EAST THUNDER LAKE RD	Local Roads Board	2.0					
EYOLFSON RD	Local Roads Board	4.1					
F.A. Smith Rd	Local Roads Board	0.4					
Falls Rd	Local Roads Board	0.5					
FOURTH ST	Local Roads Board	0.2					
FRANKLIN RD	Local Roads Board	2.6					
GHOST LAKE RD	Local Roads Board	5.2					
Ghost Lake Rd - 1	Local Roads Board	0.8					
GLENOLAND NORTH	Local Roads Board	1.5					
GLENOLAND SOUTH	Local Roads Board	2.1					
GORDON LAKE RD	Local Roads Board	11.5					
GRIFFITH RD	Local Roads Board	3.4					
HAMPE RD	Local Roads Board	0.1					
HAUKENESS RD	Local Roads Board	1.6					
HEILMAN RD	Local Roads Board	5.0					
HENDERSON LOOP RD	Local Roads Board	5.3					
HERBERT AVE	Local Roads Board	0.6					
HILL ST	Local Roads Board	0.4					
HOEY RD	Local Roads Board	4.2					
HOUDE RD	Local Roads Board	2.9					
HOWE DRIVE	Local Roads Board	0.4					
HOWELL RD E	Local Roads Board	2.0					
Hugh's Brook	Local Roads Board	1.4					
HUNTER RD	Local Roads Board	2.4					
HUTCHINSON RD	Local Roads Board	1.4					
JAKE ROAD	Local Roads Board	0.9					
JOHNSON RD	Local Roads Board	2.4					
JOHNSTON RD	Local Roads Board	6.1					
JONES	Local Roads Board	0.8					
KELLER RD	Local Roads Board	9.4					
Keller Rd - 1	Local Roads Board	1.8					
KEOTO RD	Local Roads Board	0.8					
KING ST	Local Roads Board	0.4					
KING STREET	Local Roads Board	1.3					
KUPPER RD	Local Roads Board	2.8					
LARSON AVE	Local Roads Board	0.6					
LARSON DRIVE	Local Roads Board	1.4					
LARSON ROAD	Local Roads Board	4.1					
LATIMER ROAD	Local Roads Board	4.1					
LENA LANE	Local Roads Board	0.2					
LEUTSHAFT RD	Local Roads Board	2.4					
LEVER RD	Local Roads Board	0.9					
LEWIS RD	Local Roads Board	3.9					
LISA LANE	Local Roads Board	2.0					
LRB RDS	Local Roads Board	55.4					
LYLE ROAD	Local Roads Board	0.3					

**FMP-18 Road Construction and Use Management**

D. Other Existing Roads that will be used for forest management purposes:								
Roadname	Responsibility	Km						
MACKIE ROAD SOUTH	Local Roads Board	1.7						
MACLEAN ROAD	Local Roads Board	3.7						
MafeKing TWP Rd - 1	Local Roads Board	0.2						
MAFEKING TWP RD - 2	Local Roads Board	1.1						
MAGGRAH ROAD	Local Roads Board	1.6						
MAGRAF ROAD	Local Roads Board	1.4						
MAIN ST	Local Roads Board	0.1						
MARION RD	Local Roads Board	0.7						
MAVIS LAKE ROAD	Local Roads Board	0.7						
MCARTHUR ROAD	Local Roads Board	3.3						
MCDONALD ROAD	Local Roads Board	1.1						
MCGOGY ROAD	Local Roads Board	3.3						
MCINTOSH ROAD	Local Roads Board	14.0						
MCINTYRE RD	Local Roads Board	1.3						
MCINTYRE ROAD	Local Roads Board	0.5						
MEGLUND RD 4	Local Roads Board	0.8						
Meglund Road 2	Local Roads Board	1.2						
MEGLUND ROAD 3	Local Roads Board	6.9						
MEGLUND ROAD 3B	Local Roads Board	1.7						
MEGLUND ROAD 4	Local Roads Board	1.9						
MEGLUND ROAD 4A	Local Roads Board	0.6						
MEGLUND ROAD 6	Local Roads Board	0.4						
Meglund Road 8A	Local Roads Board	3.3						
MEGLUND ROAD 9	Local Roads Board	1.0						
MELGUND LAKE ROAD	Local Roads Board	6.1						
METIS ROAD	Local Roads Board	0.7						
MICHAEL RD	Local Roads Board	0.5						
MILNE ROAD	Local Roads Board	2.0						
MORTON RAD	Local Roads Board	1.6						
MORTON RD	Local Roads Board	1.6						
MUSKIE BAY RD	Local Roads Board	1.8						
MUSKIE MERK RD	Local Roads Board	1.5						
NEELY ROAD	Local Roads Board	3.5						
Nemie Road	Local Roads Board	1.5						
NICOLL ROAD	Local Roads Board	3.3						
Norgate Drive	Local Roads Board	0.8						
NORMAN RD	Local Roads Board	0.8						
NORMANS ROAD	Local Roads Board	1.2						
Norman's Road	Local Roads Board	0.5						
NORTH RD	Local Roads Board	2.0						
North Road - 1	Local Roads Board	0.5						
NORTH ROAD B	Local Roads Board	0.5						
NORTH WICKENS LAKE ROAD	Local Roads Board	0.7						
NUGGET DR	Local Roads Board	0.2						
NURSERY ROAD	Local Roads Board	3.3						
Old Contact Bay Road	Local Roads Board	2.6						
OLD HUCKEL ROAD	Local Roads Board	1.8						
OLD SCHOOL RD	Local Roads Board	1.5						
PARKER POINT ROAD	Local Roads Board	2.2						
PARKER ROAD	Local Roads Board	3.2						
PARSON ROAD	Local Roads Board	0.8						
PILKEY ROAD B	Local Roads Board	0.4						
PINE RD	Local Roads Board	0.5						
PIT RD	Local Roads Board	0.7						
POLAR STAR RD	Local Roads Board	1.2						
POLLARD ROAD	Local Roads Board	3.1						
PRIMROSE LANE	Local Roads Board	0.3						
PRONGER LAKE RD	Local Roads Board	2.2						
PRONGER RD	Local Roads Board	1.9						
QUEEN ST	Local Roads Board	5.9						
QUIBELL ROAD	Local Roads Board	4.7						
RAILWAY AVE	Local Roads Board	0.2						
RAILWAY AVE E	Local Roads Board	0.5						
RHYNER RD	Local Roads Board	1.9						
Road 36-05 - 1	Local Roads Board	0.3						
ROBERTSON ROAD	Local Roads Board	2.0						
RUGBY COTTAGE RD	Local Roads Board	1.1						
RUGBY LAKE RD	Local Roads Board	4.9						
SADLER ROAD	Local Roads Board	2.0						
SALTON ROAD	Local Roads Board	4.8						
SANDY POINT RD	Local Roads Board	5.7						
Sandy Point Road - 1	Local Roads Board	0.3						
Sandy Point Road - 2	Local Roads Board	3.0						
SCHIEFLELBINE ROAD	Local Roads Board	0.4						
SCHINKMAN RD	Local Roads Board	1.7						
SCHOOL ROAD	Local Roads Board	2.4						

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

**FMP-18 Road Construction and Use Management**

D. Other Existing Roads that will be used for forest management purposes:								
Roadname	Local Roads Board	Km						
SEVENTH ST	Local Roads Board	0.1						
SFREDDO ROAD	Local Roads Board	1.2						
SHALLOW ROAD	Local Roads Board	3.6						
SHERBROOK ST	Local Roads Board	0.2						
STENBERG ROAD	Local Roads Board	5.0						
STEPHANSON ROAD	Local Roads Board	5.0						
TOWS ROAD	Local Roads Board	0.8						
TREE NURSERY ROAD	Local Roads Board	0.9						
TURGEON ROAD	Local Roads Board	1.1						
Turgeon Road - 1	Local Roads Board	1.3						
TWENTY MILE CREEK RD	Local Roads Board	5.3						
UNKNOWN RD	Local Roads Board	0.5						
UPPER FALLS ROAD	Local Roads Board	5.6						
VICTORIA ST	Local Roads Board	0.3						
WABIGOON LAKE RD	Local Roads Board	3.4						
Wabigoon Lake Road - 1	Local Roads Board	4.7						
WABIGOON LAKERD	Local Roads Board	0.0						
WABIGOON TOWN ROADS	Local Roads Board	0.5						
WALDHOF NORTH	Local Roads Board	3.5						
WALDHOF SOUTH	Local Roads Board	0.9						
WALL RD	Local Roads Board	1.9						
WEHRSTEDT RD	Local Roads Board	1.0						
WELLINGTON ST	Local Roads Board	0.7						
WEST ROAD	Local Roads Board	2.5						
WEST STREET	Local Roads Board	0.4						
Wickens Lake Road - 1	Local Roads Board	2.8						
WILSON LANE	Local Roads Board	1.7						
WILSON ROAD	Local Roads Board	0.9						

## FMP-18 Road Construction and Use Management

### Road Use Management Strategy Codes and Management Intent:

RUMS-1	SFL Retains the road, open to the public
RUMS-2	Decommission/Transfer road to MNRF
RUMS-3	Crosses Private Land, SFL Retains
RUMS-4	Crosses Private Land, Decommission/Transfer road to MNRF
RUMS-5	Within MEA, SFL Retains
RUMS-6	Within MEA, Decommission/Transfer road to MNRF
RUMS-11	Transfer road to Third Party

See Supplementary Documentation I - Roads Planning, Section D for specific Maintenance, Monitoring, Access Controls and Future Use Management provisions for each Road Use Strategy (RUS).

### Brief Overview of Road Use Strategies:

Maintenance	RUMS Code
<p>The road and right of way will receive maintenance, which will be carried out as required to maintain the road for forest management purposes (e.g. Harvest, Renewal, Tending and Hauling activities). Routine Maintenance operations may include the following; grading, snowplowing, brushing, removal of beaver activity debris in culverts and/or adjacent to culverts, water crossing repairs (repairs using existing structure on site where no in stream work is involved as per the fisheries protocol), bridge repair that involves above the water line work, ditching, surfacing, signage, sanding/salting, right of way clearing (including merchantable trees) with mechanical or chemical methods (within 6 metres of edge of road), dust control measures, and erosion control.</p> <p>Emergency maintenance is defined as road maintenance that requires immediate attention to restore access and reduce the chance of personal injury, damage to equipment, inconvenience to road users and further road damage (2004 FMPPM). Emergency maintenance will be necessary where public safety and/or environmental damage have occurred unexpectedly. Emergency maintenance can proceed immediately without MNRF approval provided the emergency works are limited in scope to only what is necessary to address essential public safety concerns and to restrict further environmental damage. All emergency actions will be reported to MNRF as soon as practical and any further actions (e.g. restoration, reconstruction, abandonment) will be subject to normal planning approvals. Where sediment has been released into a watercourse, the Ministry or Environment is to be informed.</p> <p>Where water crossings have been destroyed by unplanned events, water crossings may not be restored in a timely manner and remedial work may be limited to only eliminating or reducing safety hazards and/or interim measures to stop environmental damage. Access to areas impacted by unplanned events could be disrupted at any time and there is no obligation on the Crown or the Forest Industry to undertake repair work to restore infrastructure and access. However, all actions must be consistent with the RUMS for the road. Situations could also arise where it is determined that damaged/deteriorating infrastructure is unsafe and continued use must be prohibited until a permanent solution is implemented.</p> <p>For safety/engineering concerns minor road re-alignment and bypass construction may also be required during the implementation of the FMP. This is permitted within the existing right-of-way, subject to the confirmation of values and the application of all applicable AOCs to the proposed work area. If an appropriate AOC does not exist in the FMP note that it will need to be amended into the FMP and then applied. In cases where new and/or replacement water crossings are required during the implementation of the FMP, the replacement of culverts are permitted subject to the following conditions; the values must be reviewed and updated for each location to ensure up-to-date values are considered, the applicable AOC must be applied to address any value impacted at the location (if an appropriate AOC does not exist in the FMP note that it will need to be amended into the FMP and then applied), and the planned water crossing replacements are identified and approved (with all applicable conditions on the construction, including preventative and mitigative measures) in the AWS for the year of construction.</p>	RUMS-1 to RUMS-11
Monitoring	RUMS Code
<p>While the road/road network is in use for forest management purposes (e.g. Harvest, Renewal, Tending and Hauling activities), it will be monitored on an ongoing basis with bridges used for 'heavy truck hauls' inspected by a certified inspector at least once a year. When the road is not in use for forest management purposes, monitoring will be based on a yearly schedule of specific roads to be inspected. This yearly schedule will be based upon a risk assessment approach with emphasis on the potential values which could be impacted (fish habitat) and the potential for public safety concerns and, at a minimum, these roads (including bridges open to public travel) will be inspected at least once every three years. Monitoring may occur as part of other forest management work such as an aerial survey of values (i.e. Stick nest survey).</p> <p>In addition, all staff and contractors (i.e. harvest and silviculture contractors) are to report any existing or potential concerns regarding the road and water crossings encountered while traveling on/over roads throughout the forest. Reports from the general public and other user groups will also contribute to the monitoring of the condition of the roads and water crossings. Additional monitoring will be considered based upon a risk assessment approach following severe weather conditions (e.g. heavy rainfall).</p>	RUMS-1 to RUMS-11
Access Provision	RUMS Code
These roads are open for public use.	RUMS-1, 11
These roads are open for public use; however they are scheduled for decommissioning due to the lack of road maintenance to be carried out on this road and access may or may not be limited.	RUMS-2
Access restrictions apply as these roads cross through private land.	RUMS-3, 4
These roads are open for public use until they are decommissioned. These roads are within Moose Emphasis Areas, which are designated geographical areas that are managed for moose habitat. In order to help moose populations within these areas benefit from the managed habitat, after completion of the first renewal treatment, access using this road will be inhibited in a manner so as to render the roadway impassable to a regular ½ ton truck. As it is anticipated that this road will be required to access future blocks, access will be inhibited on this road using one or more of the following methods: a berm, coarse woody debris and/or boulders. Access restriction will occur at a point between the start of the operational road and the harvest block, and at an appropriate location to address this strategy, but which also addresses environmental and safety considerations.	RUMS-5
These roads are open for public use until they are decommissioned. These roads are within Moose Emphasis Areas, which are designated geographical areas that are managed for moose habitat. In order to help moose populations within these areas benefit from the managed habitat, after completion of the first renewal treatment, access using this road will be inhibited in a manner so as to render the roadway impassable to a regular ½ ton truck. As it is anticipated that this road will be required to access future blocks, access will be inhibited on this road using one or more of the following methods: a berm, coarse woody debris and/or boulders. Access restriction will occur at a point between the start of the operational road and the harvest block, and at an appropriate location to address this strategy, but which also addresses environmental and safety considerations.	RUMS-6
Management Intent to Transfer in the Next 20 Years	RUMS Code
At this time the SFL does not anticipate a transfer of these roads to the MNRF during the next 20 years.	RUMS-1, 3, 5

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
 PLAN PERIOD: April 1, 2021 to March 31, 2031

### FMP-18 Road Construction and Use Management

At this time the SFL anticipates a transfer of these roads to the MNRF within the next 20 years during the identified 5 year period in the table.	RUMS-2, 4, 6, 11
<b>MNRF Management Intent</b>	<b>RUMS Code</b>
Not applicable, SFL retains the road.	RUMS-1, 3, 5
MNRF intends not to maintain the road. The road surfaces will deteriorate naturally. Water crossings will be decommissioned in an environmentally sound manner and approved by MNRF. Decommissioning may or may not require removal of a water crossing.	RUMS-2, 4
MNRF intends not to maintain the road. The road will be decommissioned so that it is made impassable to a regular 1/2 ton truck. Water crossings will be decommissioned in an environmentally sound manner and approved by MNRF.	RUMS-6
MNRF intends to maintain the road or seek a third party to which to transfer the road.	RUMS-11
<b>List of Activities Required prior to Transfer to MNR</b>	<b>RUMS Code</b>
Not applicable, SFL retains the road.	RUMS-1, 3, 5
The road surfaces will deteriorate naturally and regenerated where practical. The water crossings will be assessed by the MNRF using the specified criteria outlined for the evaluation of water crossing structures as identified on page 143 -144 of the Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales prior to being transferred. MNRF will indicate to the company what treatments to the water crossings should be applied prior to transfer to the MNRF. Treatments unique to the site and operational conditions will be prescribed and documented in the AWS for the year of treatment. Decommissioning may or may not require removal of a water crossing.	RUMS-2, 4
After completion of the first renewal treatment, access via this road will be inhibited in a manner so as to render the road impassable to a regular ½ ton truck. As it is not anticipated that this road will be required to access future blocks, access will be inhibited on this road using one, or a combination of, the following methods: site preparation, ditching or trenching. The road will be renewed where practical. The water crossings will be assessed by the MNRF using the specified criteria outlined for the evaluation of water crossing structures as identified on page 143 -144 of the Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales prior to being transferred. MNRF will indicate to the company what treatments to the water crossings should be applied prior to transfer. Treatments unique to the site and operational conditions will be prescribed and documented in the AWS for the year of treatment.	RUMS-6
Not applicable as the MNRF/Third party intends to maintain the road.	RUMS-11

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)  
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## FMP-19 PLANNED EXPENDITURES

Expenditures		
Activity	Forest Renewal Trust Fund (000s \$)	Forestry Futures Trust Fund (000s \$)
Natural Regeneration	\$ 292	\$ -
Tree Marking	\$ -	\$ -
Artificial Regeneration	\$ 3,656	\$ -
Site Preparation	\$ 1,342	\$ 50
Tending	\$ 2,000	\$ -
Renewal Support	\$ 250	\$ -
Silvicultural Surveys	\$ 16	\$ -
Other Eligible Silvicultural Work	\$ -	\$ -
Protection (Insect Pest Control) *	\$ -	\$ -
<b>Total Expenditures</b>	<b>\$ 7,556</b>	<b>\$ 50</b>

\* The FFTF contributions to protection are on an "as needed" basis.

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)

PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-20 PLANNED ASSESSMENT OF ESTABLISHMENT

FMP PERIOD: 2021-2031				
Forest Unit (at harvest)	Depletion Type	Silvicultural Ground Rule (by plan period)	Assigned to SGR (ha) (all years)	Planned Assessment of Establishment (ha)
<b>BFDOM</b>	<u>Harvest:</u>	BFDOM_MINPR	20	20
		BFDOM_MODPR	23	23
	<u>Salvage Harvest:</u>			
Forest Unit Subtotal				<b>43</b>
<b>BWDOM</b>	<u>Harvest:</u>	BWDOM_MINPR	16	16
		BWDOM_MODPR	10	10
	<u>Salvage Harvest:</u>			
Forest Unit Subtotal				<b>26</b>
<b>CONMX</b>	<u>Harvest:</u>	CONMX_MINPR	129	129
		CONMX_MODPR	291	291
		CONMX_MAXPR	117	117
	<u>Salvage Harvest:</u>			
Forest Unit Subtotal				<b>537</b>
<b>HRDMW</b>	<u>Harvest:</u>	HRDMW_MINPR	123	123
		HRDMW_MODPR	231	231
	<u>Salvage Harvest:</u>			
Forest Unit Subtotal				<b>354</b>
<b>HRDOM</b>	<u>Harvest:</u>	HRDOM_MINPR	87	87
		HRDOM_MODPR	261	261
	<u>Salvage Harvest:</u>			
Forest Unit Subtotal				<b>348</b>
<b>PJDOM</b>	<u>Harvest:</u>	PJDOM_MINPR	86	86
		PJDOM_MODPR	468	468
		PJDOM_MAXPR	266	266
	<u>Salvage Harvest:</u>			
Forest Unit Subtotal				<b>820</b>
<b>PJMX1</b>	<u>Harvest:</u>	PJMX1_MINPR	117	117
		PJMX1_MODPR	255	255
		PJMX1_MAXPR	135	135
	<u>Salvage Harvest:</u>			
Forest Unit Subtotal				<b>507</b>
<b>PODOM</b>	<u>Harvest:</u>	PODOM_MINPR	75	75
		PODOM_MODPR	345	345
	<u>Salvage Harvest:</u>			
Forest Unit Subtotal				<b>420</b>

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## FMP-20 PLANNED ASSESSMENT OF ESTABLISHMENT

FMP PERIOD: 2021-2031				
Forest Unit (at harvest)	Depletion Type	Silvicultural Ground Rule (by plan period)	Assigned to SGR (ha) (all years)	Planned Assessment of Establishment (ha)
<b>PRWMX</b>	<u>Harvest:</u>	PRWMX_MODPR	8	8
	<u>Salvage Harvest:</u>			
Forest Unit Subtotal				8
<b>SBDOM</b>	<u>Harvest:</u>	SBDOM_MINPR SBDOM_MODPR	102 399	102 399
	<u>Salvage Harvest:</u>			
Forest Unit Subtotal				501
<b>SBLOW</b>	<u>Harvest:</u>	SBLOW_MINPR	447	447
	<u>Salvage Harvest:</u>			
Forest Unit Subtotal				447
<b>SBMX1</b>	<u>Harvest:</u>	SBMX1_MINPR SBMX1_MODPR SBMX1_MAXPR	54 243 84	54 243 84
	<u>Salvage Harvest:</u>			
Forest Unit Subtotal				381
TOTAL for FMP PERIOD:				4,392

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)

PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-20 PLANNED ASSESSMENT OF ESTABLISHMENT

FMP PERIOD: 2011-2021 (in which harvest occurred)				
Forest Unit (at harvest)	Depletion Type	Silvicultural Ground Rule (by plan period)	Assigned to SGR (ha) (all years)	Planned Assessment of Establishment (ha)
<b>BF1</b>	<u>Harvest:</u>	BF1-BA1-SBM	18	18
		BF1-BA1-SPU	32	32
		BF1-EXT-BF1	12	12
		BF1-EXT-IHM	52	52
	<u>Salvage Harvest:</u>			
Forest Unit Subtotal				114
<b>CE1</b>	<u>Harvest:</u>	CE1-EXT-CE1	10	10
	<u>Salvage Harvest:</u>			
	Forest Unit Subtotal			10
<b>CMX</b>	<u>Harvest:</u>	CMX-BA1-CMX	13	13
		CMX-BA1-PJ1	71	71
		CMX-BA1-PJM	47	47
		CMX-BA1-SBM	325	325
		CMX-BA1-SPU	489	489
		CMX-EXT-CMX	115	115
		CMX-EXT-IHM	207	207
		CMX-EXT-PO1	182	182
	<u>Salvage Harvest:</u>	CMX-BA1-PJM	5	5
	Forest Unit Subtotal			1,454
<b>IHM</b>	<u>Harvest:</u>	IHM-BA1-PJ1	58	58
		IHM-BA1-PJ1	48	48
		IHM-BA1-PJ1	201	201
		IHM-BA1-PJ1	471	471
		IHM-EXT-IHM	275	275
		IHM-EXT-PO1	1,810	1,810
	<u>Salvage Harvest:</u>			
Forest Unit Subtotal				2,863
<b>OCL</b>	<u>Harvest:</u>	OCL-EXT-OCL	19	19
	<u>Salvage Harvest:</u>			
	Forest Unit Subtotal			19
<b>PJ1</b>	<u>Harvest:</u>	PJ1-BA1-PJ1	430	430
		PJ1-BA1-PJM	40	40
		PJ1-BA1-PR1	1	1
		PJ1-BA1-PRW	4	4
		PJ1-BA1-SBM	10	10
		PJ1-EXT-PJ1	4	4
	<u>Salvage Harvest:</u>	PJ1-BA1-PJ1	35	35
Forest Unit Subtotal				524

MANAGEMENT UNIT NAME: Dryden Forest (MU 535)

PLAN PERIOD: April 1, 2021 to March 31, 2031

## FMP-20 PLANNED ASSESSMENT OF ESTABLISHMENT

FMP PERIOD: 2011-2021 (in which harvest occurred)				
Forest Unit (at harvest)	Depletion Type	Silvicultural Ground Rule (by plan period)	Assigned to SGR (ha) (all years)	Planned Assessment of Establishment (ha)
<b>PJM</b>	<u>Harvest:</u>	PJM-BA1-PJ1	456	456
		PJM-BA1-PJM	836	836
		PJM-BA1-PR1	12	12
		PJM-EXT-CMX	17	17
		PJM-EXT-PJM	62	62
	<u>Salvage Harvest:</u>	PJM-BA1-PJM	4	4
Forest Unit Subtotal				1,387
<b>PO1</b>	<u>Harvest:</u>	PO1-BA1-CMX	8	8
		PO1-BA1-SBM	9	9
		PO1-BA1-SPU	44	44
		PO1-EXT-PO1	588	588
	<u>Salvage Harvest:</u>			
Forest Unit Subtotal				649
<b>SBL</b>	<u>Harvest:</u>	SBL-BA1-SBL	133	133
		SBL-EXT-SBL	168	168
	<u>Salvage Harvest:</u>			
Forest Unit Subtotal				301
<b>SBM</b>	<u>Harvest:</u>	SBM-BA1-PJ1	74	74
		SBM-BA1-PJM	111	111
		SBM-BA1-SBM	162	162
		SBM-BA1-SPU	25	25
		SBM-EXT-SBM	4	4
	<u>Salvage Harvest:</u>	SBM-BA1-SBM	4	4
Forest Unit Subtotal				380
<b>SPU</b>	<u>Harvest:</u>	SPU-BA1-PJ1	9	9
		SPU-BA1-PJM	12	12
		SPU-BA1-SBM	15	15
		SPU-BA1-SPU	85	85
		SPU-EXT-CMX	13	13
		SPU-EXT-SBM	7	7
	<u>Salvage Harvest:</u>	SPU-BA1-PJM	22	22
Forest Unit Subtotal				163
TOTAL for FMP PERIOD:				7,701