

FOREST MANAGEMENT PLAN TABLES

Listing of Tables:

FMP-1: Management Unit Crown Land Summary

FMP-2: Description of Forest Units

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

FMP-4: Silvicultural Ground Rules

FMP-5: Post-harvest Renewal Transition Rules

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

FMP-7: Projected Habitat for Selected Wildlife Species

FMP-8: Projected Available Harvest Area by Forest Unit

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

FMP-10: Assessment of Objective Achievement

FMP-10a: Assessment of Objective Achievement (Indicator 9C)

FMP-11: Operational Prescriptions for Areas of Concern and Conditions on Roads,
Landings, and Forestry Aggregate Pits

FMP-12: Planned Harvest Area

FMP-13: Planned Harvest Volume by Species

FMP-14: Planned Harvest Volume and Wood Utilization

FMP-15: Projected Wood Utilization by Mill

FMP-16: Contingency Harvest Area and Volume

FMP-17: Planned Renewal and Tending Operations

FMP-18: Road Construction and Use Management

FMP-19: Planned Expenditures

FMP-20: Planned Assessment of Establishment

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)
PLAN PERIOD: April 1, 2022 to March 31, 2032

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						
Water	416,610.8	0.0		416,610.8	WAT	
Other Land		0.0				
Agricultural Land	0.2	0.0		0.2	DAL	
Grass & Meadow	86.4	125.1		211.5	GRS	
Unclassified	3,277.6	81.6		3,359.2	UCL, RRW, BFL, PIT	
Other (Non-forested islands)	2,889.8	3,161.1		6,050.9	ISL	
Subtotal Non-Forested	422,864.8	3,367.7	0.0	426,232.5		
Forested						
Non-Productive Forest						
Treed Muskeg	4,012.6	414.4		4,427.0	TMS	
Open Muskeg	39,801.4	4,969.7		44,771.1	OMS	
Brush & Alder	6,012.1	811.2		6,823.3	BSH	
Rock	1,748.4	765.0		2,513.3	RCK	
Subtotal Non-Productive	51,574.5	6,960.2	0.0	58,534.8		
Productive Forest						
Protection Forest						
Site	15,570.8	3,623.7		19,194.5	FOR	PF, <> ISL
Islands				0.0	FOR	PF, ISL
Subtotal Protection	15,570.8	3,623.7	0.0	19,194.5		
Production Forest						
Recent Disturbance	14,717.0	73.3		14,790.3	FOR, FORMOD=RP	DEPHARV, DEPNAT
(1) Below Regeneration Standards	12,397.6	1,912.5		14,310.1	FOR, FORMOD=RP	LOWMGMT, LOWSEED, LOWPLANT, LOWNAT
- Older low stocked stands						
(2) Below Regeneration Standards	14,749.3	41.7		14,791.0	FOR, FORMOD=RP	NEWMGMT, NEWSEED, NEWPLANT, NEWNAT
- Recent not yet FTG						
Forest Stands	519,798.8	69,368.3		589,167.1	FOR, FORMOD=RP	All except 3 lines above.
Subtotal Production	561,662.8	71,395.8	0.0	633,058.6		
Subtotal Productive	577,233.6	75,019.4	0.0	652,253.0		
Subtotal Forested	628,808.1	81,979.7	0.0	710,787.8		
Total	1,051,672.9	85,347.4	0.0	1,137,020.3		
Total Crown:		1,137,020.3				

DATA SOURCE: Base Model Inventory MU644_22BMI00_MAR_06_2020

FMP-1a MANAGEMENT UNIT CROWN LAND SUMMARY COMPARISON 2022 TO PREVIOUS 2012 FMP

Land Type	Crown				Patent		Total 2012	Total 2022	FRI Fields Used for Classification	
	Managed 2012	Managed 2022	Other - Parks 2012	Other - Parks 2022	Crown Timber 2012	Crown Timber 2022			POLY_TYPE	DEVSTAGE
Unsurveyed		0.0		0.0	0.0	0.0	0.0	0.0	UNS	
Non-forested										
Water	396,818.9	416,610.8	10,539.9	0.0	0.0	0.0	407,358.8	416,610.8	WAT	
Other Land										
Agricultural Land	20.6	0.2	0.0	0.0	0.0	0.0	20.6	0.2	DAL	
Grass & Meadow	30.2	86.4	2.5	125.1	0.0	0.0	32.7	211.5	GRS	
Unclassified	6,248.1	3,277.6	61.2	81.6	0.0	0.0	6,309.3	3,359.2	UCL, RRW, BFL, PIT	
Other (Protection For. Islands)	2,813.0	2,889.8	3,504.7	3,161.1	0.0	0.0	6,317.7	6,050.9	ISL	
Subtotal Non-Forested	405,930.8	422,864.8	14,108.3	3,367.7	0.0	0.0	420,039.1	426,232.5		
Forested										
Non-Productive Forest										
Treed Muskeg	11,797.8	4,012.6	935.8	414.4	0.0	0.0	12,733.6	4,427.0	TMS	
Open Muskeg	36,390.4	39,801.4	4,348.6	4,969.7	0.0	0.0	40,739.0	44,771.1	OMS	
Brush & Alder	4,526.2	6,012.1	885.4	811.2	0.0	0.0	5,411.6	6,823.3	BSH	
Rock	57,524.4	1,748.4	5,428.7	765.0	0.0	0.0	62,953.1	2,513.3	RCK	
Subtotal Non-Productive	110,238.8	51,574.5	11,598.5	6,960.2	0.0	0.0	121,837.3	58,534.8		
Productive Forest		58,664.3								
Protection Forest										
Site	48,348.5	15,570.8	985.5	3,623.7	0.0	0.0	49,334.0	19,194.5	FOR	PF, <> ISL
Islands	4,027.2	0.0	7,371.6	0.0	0.0	0.0	11,398.8	0.0	FOR	PF, ISL
Subtotal Protection	52,375.7	15,570.8	8,357.1	3,623.7	0.0	0.0	60,732.8	19,194.5		
Production Forest										
Recent Disturbance	10,824.0	14,717.0	0.0	73.3	0.0	0.0	10,824.0	14,790.3	FOR, FORMOD=RP	DEPHARV, DEPNAT
(1) Below Regeneration Standards									FOR, FORMOD=RP	LOWMGMT, LOWSEED, LOWPLANT, LOWNAT
- Older low stocked stands	15,995.1	12,397.6	3,875.3	1,912.5	0.0	0.0	19,870.4	14,310.1	FOR, FORMOD=RP	NEWMGMT, NEWSEED, NEWPLANT, NEWNAT
(2) Below Regeneration Standards										
- Recent not yet FTG	11,602.8	14,749.3	7.9	41.7	0.0	0.0	11,610.7	14,791.0		
Forest Stands	434,655.7	519,798.8	58,292.9	69,368.3	0.0	0.0	492,948.6	589,167.1	FOR, FORMOD=RP	All except 3 lines above.
Subtotal Production	473,077.6	561,662.8	62,176.1	71,395.8	0.0	0.0	535,253.7	633,058.6		
Subtotal Productive	525,453.3	577,233.6	70,533.2	75,019.4	0.0	0.0	595,986.5	652,253.0		
Subtotal Forested	635,692.1	628,808.1	82,131.7	81,979.7	0.0	0.0	717,823.8	710,787.8		
Total	1,041,622.9	1,051,672.9	96,240.0	85,347.4	0.0	0.0	1,137,862.9	1,137,020.3		

DATA SOURCES: Forest Management Plan Table FMP-1 for the approved 2012-2022 FMP and FMP-1 (2022) based on the base model inventory (BMI) for the 2022 FMP.
Ownership Classes: Crown Managed (1), Crown Other - Parks (5, 7) and Patent - Crown Timber (2).

DATA RECONCILIATION:

1	Crown, Managed area appeared to increase 10,050 hectares from 2012 to 2022. This difference is attributed to a 19,787 ha increase in Crown, Managed water resulting from a 10,540 ha decrease in Other - Parks water and 1,278 ha Federal land water that were reclassified as OWNER=1 water, and a revision in the forest inventory and water layer (an additional increase in OWNER=1 water of 7,969 ha).
2	Crown Other (Parks) area decreased by 10,893 ha from 96,240 to 85,347 ha from 2012 to 2022, primarily as a result of reclassification of 10,540 ha of water to regular Crown, Managed land water (Ownership 1).
3	Patent land (with some or all timber reserved to the Crown) remained at zero (0) hectares from 2012 to 2022. Patent land on the Kenora Forest does not have rights to the timber reserved to the Crown (Ownership 3).
4	The total Crown land base has decreased by 843 ha from 2012 to 2022. This is attributed to a decrease in the total management unit area in the revised inventory (decrease of 410 ha) and an increase in Patent land on the Kenora Forest (Owner=3 with no Crown timber, that increased 2,183 ha).
5	The legal boundary of the Kenora Forest did not change from 2012 to 2022, however with the reinventory of the forest for this FMP, the total Kenora Forest area has decreased 405 hectares, from 1,225,576 ha in 2012 to 1,231,171 ha in 2022.

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

Reconciliation of SFMM Initial Land Base to Tables FMP-1 and FMP-3.

SFMM Classification	Area in Hectares		Inventory Classification (OWNER, and POLYTYPE)
	SFMM Model	FMP-1 and FMP-3	
Available	503,772	503,771	OWNER = 1, POLYTYPE = FOR. Available breakdown from FMP-3.
Reserve (Unavailable)			
Estimated Riparian Reserve - EstRes	57,663	57,892	FMP-3 Estimated Unavailable (Comprised of riparian EstRes and Small)
ProtF	19,195	19,194	FORMOD = PF, OWNER = 1, 5, or 7.
Parks	71,396	71,396	FORMOD =FOR, OWNER = 5 or 7 only.
Management Reserve	0	0	
Forested Islands	0	0	ACCESS1 = ISL, OWNER = 1
Small (reduced from Available)	229		Polygons <0.4 ha removed from Available Harvest Area calculation (Available in Table FMP-3, and Available for harvest allocation)
Reserve (Unavailable) Subtotal	148,482	148,482	
Non-forest and Non-Productive			
Brush & Alder (BSH)	6,823	6,823	POLYTYPE = BSH, OWNER = 1, 5, or 7.
Designated Agricultural Land (DAL)	0	0	POLYTYPE = DAL, OWNER = 1, 5, or 7.
Grass & Meadow (GRS)	211	211	POLYTYPE = GRS, OWNER = 1, 5, or 7.
Non-forested Islands (ISL)	6,048	6,051	POLYTYPE = RCK, ACCESS1 = ISL, OWNER = 1, 5, or 7.
Open Muskeg (OMS)	44,771	44,771	POLYTYPE = OMS, OWNER = 1, 5, or 7.
Rock (RCK)	2,513	2,513	POLYTYPE = RCK, OWNER = 1, 5, or 7.
Treed Muskeg (TMS)	4,427	4,427	POLYTYPE = TMS, OWNER = 1, 5, or 7.
Unclassified Land (UCL)	3,359	3,359	POLYTYPE = UCL, RRW, or BFL, OWNER = 1, 5, or 7.
Water (WAT)	416,610	416,611	POLYTYPE = WAT, OWNER = 1, 5, or 7.
Total Patent Ownership = 2, 3, 4 (PAT)	44,359	0	
Federal Ownership 6 (OTH)	43,792	0	
Non-Forest Subtotal	572,914	484,767	
	1,137,017	1,137,020	Total Crown Ownerships 1, 5, and 7.
PATENT		44,359	Total Patent Ownership = 2, 3, 4
OTHER		43,792	Federal Ownership 6
TOTAL SFMM AREA	1,225,168	1,225,172	TOTAL INVENTORY LAND BASE

Hierarchy for Classification of SFMM Initial Land Base:

(unique sort - once an area is tagged, it is not retagged.)

Order:

1 **Pat** - Sort for Patent Land, non-Crown ownership 2, 3 or 4

Other - Sort for Other non-Crown ownerships 6, 8 and 9.

NOTE: Non-Crown ownerships 6, 8, 9, and Patent ownerships 2, 3, 4, all land types, are not included in included in Table FMP-1 and are not included in SFMM calculations (MU area place holder only).

2 **RESERVE - ProtF** - Sort for Protection Forest

3 **NON-FOREST** - Sort for non-productive forest classes based on POLYTYPE, includes:

ISL POLYTYPE = RCK and ACCESS1 = ISL (sorted before rock is tagged)	DAL Designated Agricultural Land
OMS Open Muskeg	UCL UCL, PIT, RRW, BFL
TMS Treed Muskeg	WAT Water
BSH Brush & Alder	RCK Rock
GRS Grass & Meadow	

4 Sort for unavailable **RESERVE** classifications:

PARKS Productive Crown park land (ownership 5 and 7)
ISLND Forested islands (Ownership 1)
Ripar Estimated slope-based Riparian reserve (includes estimate for shoreline nest reserves)
Access Classified actual areas with access issues.
MgRes Classified Management Reserves not otherwise classified as reserve (above).
Small Polygons <0.4 ha area, not otherwise classified

5 **AVAIL** - Remainder of forest available for timber production

- Crown, managed ownership 1 only
 - productive, forested land and not otherwise estimated to be reserved from harvest or non-forest.

SFMM Screens to verify land base: **BASE05**

March 25, 2020

Land Area Summary

AIISU Area by land

	Available Forest	Reserved Forest	Non-Forest	Total Land Area
T1	503,772	148,482	572,914	1,225,168

Non-forested Land Summary

AIISU Area by non-forested land type at beginning of each period (hectares)

Check the indicator if SFMM wasn't feasible

	Total	RdLnd	BSH	DAL	GRS	ISL	OMS	RCK	TMS	UCL	WAT	PAT	OTH
T1	572914		6823	0	211	6048	44771	2513	4427	3359	416610	44359	43792
T2	572914		6823	0	211	6048	44771	2513	4427	3359	416610	44359	43792

Reserved Forest by Reserve Type

AIISU Area by reserve type at beginning of each period (hectares)

	Total	AFactr	ProtF	Parks	IsInd	MgRes	AcRes	EstRes	Small
T1	148482		19195	71396				57663	229
T2	148482		19195	71396				57663	229

Available Forest by Forest Unit

AIISU Available Forest by Forest Unit

	Total	Dummy	BFM	CMX	CMXC	HMX	HRDA	H
T1	503,772		25,681	67,770	4,193	53,945	8,506	
T2	503,772		25,681	67,770	4,193	53,945	8,506	

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-2 DESCRIPTION OF FOREST UNITS

Forest Unit		Crown, Managed Production Forest Ecosite(s) *	Regional Standard Forest Unit (descending order of occurrence)	Silvicultural System	FRI Parameters & Criteria (sort based on Regional Forest Unit classification)	Crown, Managed Production Forest Area	
Code	Name						
BFD	Balsam Fir Dominant	B052, B050, B101, B012 , B048, B014, B099, B037, B067, B065, B085, B055, B116, B035, B011, B097.	BfMx1, BfPur	Clearcut	NWSFU cn 'bfpur' or NWSFU cn 'bfmx1'	30,366 ha	5%
CMX	Conifer Mix	B050, B012, B052, B048, B101 , B049, B099, B051, B100, B115, B065, B066, B011, B085, B035, B014, B097, B055, B064, B053, B116, B067, B083.	ConMx, UpICe	Clearcut	NWSFU cn 'conmx' or NWSFU cn 'uplce'	82,137 ha	15%
HMX	Hardwood Mix	B055, B104, B050, B054, B016, B052, B070, B101, B012 , B088, B119, B099, B103, B040, B048, B049, B065, B085, B015.	HrdMw	Clearcut	NWSFU cn 'hrdmw'	61,671 ha	11%
HRD	Hardwood Dominant	B055, B104, B130 , B119, B016, B070, B088, B054, B120, B105, B071, B058, B059, B108, B040, B057.	HrDom, OthHd, BwDee, BwSha	Clearcut	NWSFU cn 'hrdom' or NWSFU cn 'bwdee' or NWSFU cn 'bwsha' or NWSFU cn 'othhd'	65,332 ha	12%
PJD	Jack Pine Dominant	B049, B012, B050 , B034, B065, B098, B035, B024, B099.	PjDee, PjSha	Clearcut	NWSFU cn 'pjdee' or NWSFU cn 'pjsha'	137,941 ha	25%
PJM	Jack Pine Mix	B012, B049, B050 , B048, B011, B099, B035, B065, B034, B098.	PjMx1	Clearcut	NWSFU cn 'pjmx1'	35,461 ha	6%
POD	Poplar Dominant	B055, B104 , B088, B070, B119, B016, B050, B040, B049, B054, B012, B101, B048, B052.	PoDee, PoSha	Clearcut	NWSFU cn 'podee' or NWSFU cn 'posha'	51,894 ha	9%
PRW	Red Pine and White Pine Mix	B048 , B011, B097, B033, B054, B049.	PrwMx, PwDom, PrDom	Clearcut	NWSFU cn 'pwwdom' or NWSFU cn 'prdom' or NWSFU cn 'prwmx'	14,036 ha	2%
SBD	Spruce Dominant	B049, B012 , B050, B065, B098, B099, B034, B082.	SbDee, SbSha	Clearcut	NWSFU cn 'sbdee' or NWSFU cn 'sbsha'	19,865 ha	4%
SBL	Spruce Lowland	B128, B129 , B127.	SbLow, OCLow	Clearcut	NWSFU cn 'sblow' or NWSFU cn 'oclow'	35,328 ha	6%
SBM	Spruce Mix	B049, B012, B050 , B048, B099, B052, B065, B101, B098, B034, B011, B055, B035.	SbMx1	Clearcut	NWSFU cn 'sbmx1'	27,632 ha	5%
						561,663 ha	100%

* **Note:** Only ecosites with greater than 100 ha are listed for each forest unit. **Bold ecosites** total >80% of forest unit area (main ecosites).

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

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)
BFM	0-20		67.7	clearcut	1,766.9
	21-40		349.0	clearcut	3,423.4
	41-60	16.5	1,783.2	clearcut	7,831.5
	61-80	5.8	1,274.4	clearcut	5,691.4
	81-100	37.3	770.0	clearcut	4,350.0
	101-120	45.5	323.8	clearcut	1,903.3
	121-140		103.8	clearcut	623.9
	141+		12.9	clearcut	91.0
BFM Subtotal		105.2	4,684.7		25,681.3
CMX	0-20		61.4	clearcut	3,166.1
	21-40	23.2	1,445.7	clearcut	14,293.8
	41-60	115.1	1,259.8	clearcut	9,397.2
	61-80	59.9	1,271.2	clearcut	7,920.8
	81-100	386.0	3,718.9	clearcut	23,437.3
	101-120	109.2	1,937.9	clearcut	10,932.1
	121-140	78.1	424.2	clearcut	2,640.2
	141+		55.1	clearcut	175.9
CMX Subtotal		771.5	10,174.4		71,963.3
HMX	0-20		46.6	clearcut	3,572.9
	21-40		694.9	clearcut	7,190.3
	41-60	23.9	1,355.7	clearcut	9,069.1
	61-80	336.2	1,432.1	clearcut	9,230.5
	81-100	311.2	3,838.9	clearcut	22,461.2
	101-120		338.8	clearcut	2,285.9
	121-140		19.0	clearcut	124.5
	141+		0.0	clearcut	10.8
HMX Subtotal		671.3	7,726.1		53,945.2
HRD	0-20	3.4	45.7	clearcut	2,503.9
	21-40	29.7	663.0	clearcut	7,010.7
	41-60	3.1	1,029.0	clearcut	8,001.6
	61-80	236.0	1,290.3	clearcut	9,650.1
	81-100	310.7	3,635.4	clearcut	27,290.4
	101-120	158.3	391.2	clearcut	3,492.4
	121-140	11.6	27.5	clearcut	235.8
	141+	6.3	3.6	clearcut	61.1
HRD Subtotal		759.1	7,085.6		58,246.0
PJD	0-20	75.5	333.5	clearcut	8,189.1
	21-40	1,327.2	4,980.3	clearcut	46,745.6
	41-60	235.5	1,442.4	clearcut	15,501.3
	61-80	356.5	267.5	clearcut	4,782.9
	81-100	3,143.0	3,310.8	clearcut	43,684.7
	101-120	579.1	425.7	clearcut	6,070.0
	121-140	168.1	254.0	clearcut	1,959.8
	141+		1.8	clearcut	46.2
PJD Subtotal		5,884.9	11,016.0		126,979.6

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

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)
PJM	0-20	11.2	72.9	clearcut	2,880.1
	21-40	43.1	206.4	clearcut	2,889.8
	41-60	17.6	127.3	clearcut	1,781.4
	61-80	82.8	88.5	clearcut	1,400.5
	81-100	991.4	1,948.5	clearcut	16,415.8
	101-120	108.4	719.3	clearcut	6,665.9
	121-140		32.6	clearcut	177.0
	141+			clearcut	
PJM	Subtotal	1,254.6	3,195.4		32,210.6
POD	0-20	61.9	144.1	clearcut	10,412.8
	21-40		721.3	clearcut	8,107.7
	41-60	10.4	346.1	clearcut	5,108.1
	61-80	44.1	441.0	clearcut	4,920.7
	81-100	61.3	1,805.8	clearcut	18,511.2
	101-120		117.9	clearcut	1,257.2
	121-140			clearcut	
	141+			clearcut	
POD	Subtotal	177.7	3,576.1		48,317.7
PRW	0-20		11.5	clearcut	1,430.8
	21-40		18.4	clearcut	848.8
	41-60		25.4	clearcut	324.8
	61-80	9.8	72.3	clearcut	582.3
	81-100	9.7	671.1	clearcut	2,809.3
	101-120		1,115.8	clearcut	3,239.9
	121-140	51.4	686.3	clearcut	1,757.3
	141+		132.7	clearcut	309.6
PRW	Subtotal	70.9	2,733.5		11,302.8
SBD	0-20		173.0	clearcut	2,809.7
	21-40		115.9	clearcut	1,604.3
	41-60		44.5	clearcut	638.2
	61-80		123.5	clearcut	1,599.4
	81-100		717.5	clearcut	8,039.2
	101-120	19.7	228.7	clearcut	2,916.9
	121-140		61.8	clearcut	739.6
	141+		1.5	clearcut	51.3
SBD	Subtotal	19.7	1,466.5		18,398.6
SBL	0-20	134.2	215.8	clearcut	1,139.5
	21-40	382.7	855.5	clearcut	3,325.0
	41-60	8.4	46.3	clearcut	652.1
	61-80	180.6	84.2	clearcut	934.6
	81-100	657.0	483.2	clearcut	4,938.4
	101-120	1,519.2	1,020.4	clearcut	10,728.8
	121-140	1,827.4	563.5	clearcut	6,428.4
	141+	1,079.3	327.7	clearcut	3,584.7
SBL	Subtotal	5,788.7	3,596.7		31,731.4

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

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)
SBM	0-20		128.9	clearcut	2,783.0
	21-40		93.0	clearcut	1,747.8
	41-60		65.3	clearcut	716.5
	61-80	15.6	233.5	clearcut	2,436.1
	81-100	21.3	1,339.6	clearcut	10,935.8
	101-120		578.3	clearcut	4,731.8
	121-140	30.4	198.3	clearcut	1,622.3
	141+		0.3	clearcut	21.3
SBM Subtotal		67.4	2,637.2		24,994.4
Total All Forest Units	0-20	286.4	1,301.3	clearcut	40,654.8
	21-40	1,805.9	10,143.4	clearcut	97,187.0
	41-60	430.6	7,525.1	clearcut	59,021.9
	61-80	1,327.1	6,578.4	clearcut	49,149.2
	81-100	5,928.9	22,239.6	clearcut	182,873.3
	101-120	2,539.3	7,197.9	clearcut	54,224.2
	121-140	2,167.0	2,370.9	clearcut	16,308.7
	141+	1,085.6	535.6	clearcut	4,351.9
Total All Forest Units		15,570.8	57,892.2		503,770.8
			Total Production Forest:		561,662.9
			Total Productive Forest:		577,233.8

NOTE: The above table reflects the base model inventory and availability data (as estimated for strategic modelling). Unavailable includes 230 ha Small area, and 57,662 estimated slope-based riparian area (total of 57,892 ha).

MANAGEMENT UNIT NAME: Kenora Forest (644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		BFM-MED		Silvicultural System:		Clearcut	
Current Condition				Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)			Forest Unit	Stand Characteristics	Establishment:	
CMX HMX PJM BFM HRD	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)			BFM PLANFU sort = NWSFU cn 'bfpur' or NWSFU cn 'bfmx1'	Bf 44 Sb 20 Po 10 Pj 10 Bw 10 Sw 5 Avg. Stocking: 0.65 Site Class: 1.3 Avg. Min. Operability Limit: 50 m3/ha Avg. Min. Operability Age: 55 years.	Species Composition Target: Bf 40 (Sb+Sw+Pj) 30 Po 10 Target Site Occupancy: 800 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: 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		SC	Stkg	BFM-MED yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 114 m3/ha @ age 135-145	Performance: (timing and standards for assessment to be determined)	
CMX	Pj 51 Po 22 Sb 12 Bw 11 Bf 3 Sw 1		2.1	0.70			
HMX	Po 43 Pj 26 Bw 12 Sb 10 Bf 5 Sw 2 Pr 1		2.1	0.70			
PJM	Pj 56 Sb 30 Po 7 Bw 4 Bf 2 Sw 1 Pr 1		2.6	0.64			
BFM	Bf 39 Sb 26 Pj 13 Bw 9 Sw 7 Po 6		1.7	0.40			
HRD	Po 50 Bw 21 Pj 11 Sb 6 Ab 5 Bf 4 Sw 2		2.3	0.74			

	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	Mechanical	Plant	Chemical (ground) None Cleaning (manual) Cleaning (aerial)

NOTES:

2012-2022 SGRs include:

BFM-EXT-BFM

MANAGEMENT UNIT NAME: Kenora Forest (644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		CMX-LOW		Silvicultural System:		Clearcut	
Current Condition				Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)			Forest Unit	Stand Characteristics	Establishment:	
BFM HMX CMX PJD SBM	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)			CMX PLANFU sort = NWSFU cn 'conmx' or NWSFU cn 'uplce'	Sb 32 Po 17 Bf 16 Bw 13 Pj 8 Ce 6 Sw 5 Pw 2 Pr 1 Avg. Stocking: 0.70 Site Class: 1.5 Avg. Min. Operability Limit: 60 m3/ha Avg. Min. Operability Age: 80 years.	Species Composition Target: Sb 30 Pj 5 Ce 5 Bf 5 Po+Bw 25 Target Site Occupancy: 875 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: 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		SC	Stkg	CMX-LOW yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 86 m3/ha @ age 165	Performance: (timing and standards for assessment to be determined)	
BFM	Bf 39 Sb 26 Pj 13 Bw 9 Sw 7 Po 6		1.7	0.40			
HMX	Po 43 Pj 26 Bw 12 Sb 10 Bf 5 Sw 2 Pr 1		2.1	0.70			
CMX	Pj 51 Po 22 Sb 12 Bw 11 Bf 3 Sw 1		2.1	0.70			
PJD	Pj 85 Sb 7 Po 6 Bw 2		2.3	0.81			
SBM	Sb 56 Pj 32 Po 6 Bw 3 Sw 3 Bf 3		1.7	0.47			

	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:

2012-2022 SGRs include:

CMX-EXT-CMX
 PRW-EXT-CMX

MANAGEMENT UNIT NAME: Kenora Forest (644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-4 SILVICULTURAL GROUND RULES

SGR Code:	CMX-MED			Silvicultural System:	Clearcut		
Current Condition				Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)			Forest Unit	Stand Characteristics	Establishment:	
CMX PJD POD HMX PJD	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)			CMX PLANFU sort = NWSFU cn 'conmx' or NWSFU cn 'uplce'	Pj 37 Po 20 Bw 12 Sb 11 Bf 11 Ce 5 Pw 2 Pr 1 Avg. Stocking: 0.70 Site Class: 2.1 Avg. Min. Operability Limit: 85 m3/ha Avg. Min. Operability Age: 65 years.	Species Composition Target: Pj 35 Sp 10 Ce 5 Bf 5 Po+Bw 25 Target Site Occupancy: 875 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: 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		SC	Stkg	CMX-MED yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 110 m3/ha @ age 115		
CMX	Pj 51 Po 22 Sb 12 Bw 11 Bf 3 Sw 1		2.1	0.70			
PJD	Pj 85 Sb 7 Po 6 Bw 2		2.3	0.81			
POD	Po 78 Pj 8 Bw 7 Sb 3 Bf 2 Sw 1 Ab 1		2.1	0.82			
HMX	Po 43 Pj 26 Bw 12 Sb 10 Bf 5 Sw 2 Pr 1		2.1	0.70			
PJD	Pj 85 Sb 7 Po 6 Bw 2		2.3	0.81	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 (natural ingress expected)	Chemical (ground)
Acceptable Alternative Treatments		Tree Length Cut-To-Length	Manual None	Aerial Seed Pj 30,000 sph Natural Seed	None Chemical (aerial) Cleaning (manual) Cleaning (Mechanical)

NOTES:

2012-2022 SGRs include:

BFM-BA1-CMX
 CMX-BA1-CMX
 HMX-BA1-CMX
 PRW-BA1-CMX

MANAGEMENT UNIT NAME: Kenora Forest (644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		HMX-MED		Silvicultural System:		Clearcut	
Current Condition				Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)			Forest Unit	Stand Characteristics	Establishment:	
HMX CMX PRW HRD SBM	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)			HMX PLANFU sort = NWSFU cn 'hrdmw'	Po 40 Bf 15 Bw 15 Sb 15 Pj 10 Sw 5 Ce 1 Avg. Stocking: 0.75 Site Class: 2.2 Avg. Min. Operability Limit: 85 m3/ha Avg. Min. Operability Age: 55 years.	Species Composition Target: Po 40 (Sb+Sw) 15 Bw 10 Pj 10 Bf 5 Ce 1 Target Site Occupancy: 940 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		SC	Stkg	HMX-MED yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 147 m3/ha @ age 135	Performance:	
HMX	Po 43 Pj 26 Bw 12 Sb 10 Bf 5 Sw 2 Pr 1		2.1	0.70		(timing and standards for assessment to be determined)	
CMX	Pj 51 Po 22 Sb 12 Bw 11 Bf 3 Sw 1		2.1	0.70			
PRW	Pr 55 Pj 11 Po 11 Pw 10 Sb 4 Bf 2		2.2	0.63			
HRD	Po 50 Bw 21 Pj 11 Sb 6 Ab 5 Bf 4 Sw 2		2.3	0.74			
SBM	Sb 56 Pj 32 Po 6 Bw 3 Sw 3 Bf 3		1.7	0.47			

	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:

2012-2022 SGRs include:

BFM-EXT-HMX
 CMX-EXT-HMX
 HMX-EXT-HMX

OTH-EXT-HMX
 POD-EXT-HMX
 PRW-EXT-HMX

MANAGEMENT UNIT NAME: Kenora Forest (644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		HRD-MED		Silvicultural System:		Clearcut			
Current Condition				Future Condition		Regeneration Standards			
Forest Unit		Ecosite(s)		Forest Unit		Stand Characteristics		Establishment:	
HMX BFM HRD CMX		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)		HRD PLANFU sort = NWSFU cn 'hrdom' or NWSFU cn 'bwdee' or NWSFU cn 'bwsha' or NWSFU cn 'othhd'		Po 40 Bw 15 Bf 15 Sb 15 Pj 10 Sw 5 Avg. Stocking: 0.80 Site Class: 2.3 Avg. Min. Operability Limit: 75 m3/ha Avg. Min. Operability Age: 55 years.		Species Composition Target: Po 40 Sp 15 Bw 10 Pj 5 Bf 5 Lh 2 Target Site Occupancy: 1000 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				Performance: (timing and standards for assessment to be determined)	
Forest Unit		Species Composition		SC		Stkg			
HMX		Po 43 Pj 26 Bw 12 Sb 10 Bf 5 Sw 2 Pr 1		2.1		0.70			
BFM		Bf 39 Sb 26 Pj 13 Bw 9 Sw 7 Po 6		1.7		0.40			
HRD		Po 50 Bw 21 Pj 11 Sb 6 Ab 5 Bf 4 Sw 2		2.3		0.74			
CMX		Pj 51 Po 22 Sb 12 Bw 11 Bf 3 Sw 1		2.1		0.70			
				HRD-MED yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 145 m3/ha @ age 125					

	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:

2012-2022 SGRs include:

OTH-EXT-OTH
 BFM-EXT-HMX
 CMX-EXT-HMX

HMX-EXT-HMX
 OTH-EXT-HMX
 POD-EXT-HMX
 PRW-EXT-HMX

MANAGEMENT UNIT NAME: Kenora Forest (644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		PJD-LOW		Silvicultural System:		Clearcut			
Current Condition				Future Condition		Regeneration Standards			
Forest Unit		Ecosite(s)		Forest Unit		Stand Characteristics		Establishment:	
CMX PJD PJM SBM		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)		PJD PLANFU sort = NWSFU cn 'pjdee' or NWSFU cn 'pjsha'		Pj 80 Sb 12 Po 4 Bw 3 Bf 1 Avg. Stocking: 0.65 Site Class: 2.8 Avg. Min. Operability Limit: 65 m3/ha Avg. Min. Operability Age: 65 years.		Species Composition Target: Pj 80 Sb 5 Po 5 Bw 3 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: 7 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3	
Additional Information (avg. area weighted values)				Development Information				Performance: (timing and standards for assessment to be determined)	
Forest Unit		Species Composition		SC		Stkg			
CMX		Pj 51 Po 22 Sb 12 Bw 11 Bf 3 Sw 1		2.1		0.70			
PJD		Pj 85 Sb 7 Po 6 Bw 2		2.3		0.81			
PJM		Pj 56 Sb 30 Po 7 Bw 4 Bf 2 Sw 1 Pr 1		2.6		0.64			
SBM		Sb 56 Pj 32 Po 6 Bw 3 Sw 3 Bf 3		1.7		0.47			

Silvicultural Treatments					
Harvest Method		Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package		Clearcut	Full Tree	Mechanical	Aerial Seed Pj 30,000 sph Chemical (ground)
Acceptable Alternative Treatments			Tree Length Cut-To-Length	None	Natural Seed None Chemical (aerial) Cleaning (manual) Cleaning (mechanical)

NOTES:

2012-2022 SGRs include:

CMX-BA1-PJD
 PJD-EXT-PJD
 PJM-EXT-PJD

MANAGEMENT UNIT NAME: Kenora Forest (644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		PJD-MED		Silvicultural System:		Clearcut			
Current Condition				Future Condition		Regeneration Standards			
Forest Unit		Ecosite(s)		Forest Unit		Stand Characteristics		Establishment:	
CMX HRD HMX PJM PJD		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)		PJD PLANFU sort = NWSFU cn 'pjdee' or NWSFU cn 'pjsha'		Pj 78 Sb 12 Po 5 Bw 3 Bf 2 Avg. Stocking: 0.75 Site Class: 2.0 Avg. Min. Operability Limit: 80 m3/ha Avg. Min. Operability Age: 50 years.		Species Composition Target: Pj 75 Sp 10 Po 3 Bw 2 Target Site Occupancy: 940 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: 7 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3	
Additional Information (avg. area weighted values)				Development Information				Performance: (timing and standards for assessment to be determined)	
Forest Unit		Species Composition		SC		Stkg			
CMX		Pj 51 Po 22 Sb 12 Bw 11 Bf 3 Sw 1		2.1		0.70			
HRD		Po 50 Bw 21 Pj 11 Sb 6 Ab 5 Bf 4 Sw 2		2.3		0.74			
HMX		Po 43 Pj 26 Bw 12 Sb 10 Bf 5 Sw 2 Pr 1		2.1		0.70			
PJM		Pj 56 Sb 30 Po 7 Bw 4 Bf 2 Sw 1 Pr 1		2.6		0.64			
PJD		Pj 85 Sb 7 Po 6 Bw 2		2.3		0.81			
				PJD-MED yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 109 m3/ha @ age 85					

Silvicultural Treatments					
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	Mechanical	Plant 1200-2000 sph Pj, Sb (Pj, Sb ingress expected)	Chemical (ground)
Acceptable Alternative Treatments		Tree Length Cut-To-Length	Manual None	Aerial Seed Pj 30,000 sph Natural Seed	Chemical (aerial) None Cleaning (manual) Cleaning (mechanical)

NOTES:

2012-2022 SGRs include:

PJD-BA1-PJD
 PJM-BA1-PJD

MANAGEMENT UNIT NAME: Kenora Forest (644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		PJD-HIGH		Silvicultural System:		Clearcut			
Current Condition				Future Condition		Regeneration Standards			
Forest Unit		Ecosite(s)		Forest Unit		Stand Characteristics		Establishment:	
HMX HRD CMX PJD PJM		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)		PJD PLANFU sort = NWSFU cn 'pjdee' or NWSFU cn 'pjsha'		Pj 80 Sb 8 Po 6 Bw 4 Bf 2 Avg. Stocking: 0.75 Site Class: 0.9 Avg. Min. Operability Limit: 100 m3/ha Avg. Min. Operability Age: 45 years.		Species Composition Target: Pj 80 Sp 5 Po 5 Bw 2 Bf1 Target Site Occupancy: 940 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 2500 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				Performance: (timing and standards for assessment to be determined)	
Forest Unit		Species Composition		SC		Stkg			
HMX		Po 43 Pj 26 Bw 12 Sb 10 Bf 5 Sw 2 Pr 1		2.1		0.70			
HRD		Po 50 Bw 21 Pj 11 Sb 6 Ab 5 Bf 4 Sw 2		2.3		0.74			
CMX		Pj 51 Po 22 Sb 12 Bw 11 Bf 3 Sw 1		2.1		0.70			
PJD		Pj 85 Sb 7 Po 6 Bw 2		2.3		0.81			
PJM		Pj 56 Sb 30 Po 7 Bw 4 Bf 2 Sw 1 Pr 1		2.6		0.64			
				PJD-HIGH yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 149 m3/ha @ age 85					

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	Mechanical	Plant 1200-2000 sph Pj, Sb (Pj ingress expected)	Chemical (ground)
Acceptable Alternative Treatments		Tree Length Cut-To-Length	None Manual Chemical	Aerial Seed Pj 30,000 sph Natural Seed	None Chemical (aerial) Cleaning (manual) Cleaning (mechanical)

NOTES:

2012-2022 SGRs include:

SPD-BA1-PJD
 SPM-BA1-PJD

MANAGEMENT UNIT NAME: Kenora Forest (644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		PJM-LOW		Silvicultural System:		Clearcut	
Current Condition				Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)			Forest Unit	Stand Characteristics	Establishment:	
HMX SBM PJM HRD	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)			PJM PLANFU sort = NWSFU cn 'pjm1'	Pj 54 Sb 28 Po 6 Bw 5 Bf 4 Pw 1 Pr 1 Sw 1 Avg. Stocking: 0.65 Site Class: 3.0 Avg. Min. Operability Limit: 65 m3/ha Avg. Min. Operability Age: 80 years.	Species Composition Target: Pj 50 Sp 25 Po 5 Bw 5 Pr 1 and (Bf<10) 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: 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		SC	Stkg	PJM-LOW yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 68 m3/ha @ age 95	Performance: (timing and standards for assessment to be determined)	
HMX	Po 43 Pj 26 Bw 12 Sb 10 Bf 5 Sw 2 Pr 1		2.1	0.70			
SBM	Sb 56 Pj 32 Po 6 Bw 3 Sw 3 Bf 3		1.7	0.47			
PJM	Pj 56 Sb 30 Po 7 Bw 4 Bf 2 Sw 1 Pr 1		2.6	0.64			
HRD	Po 50 Bw 21 Pj 11 Sb 6 Ab 5 Bf 4 Sw 2		2.3	0.74			

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	Mechanical	Plant 1200-1600 sph Pj, Sb	Chemical (ground)
Acceptable Alternative Treatments		Tree Length Cut-To-Length	None	Natural Seed Aerial Seed Pj 30,000 sph	Chemical (aerial) None Cleaning (manual)

NOTES:

2012-2022 SGRs include:

CMX-BA1-PJM
 PJM-EXT-PJM

MANAGEMENT UNIT NAME: Kenora Forest (644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		PJM-MED		Silvicultural System:		Clearcut	
Current Condition				Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)			Forest Unit	Stand Characteristics	Establishment:	
HMX PJM CMX BFM HRD	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)			PJM PLANFU sort = NWSFU cn 'pjm1'	Pj 53 Sb 26 Po 8 Bw 5 Bf 4 Pr 2 Pw 1 Sw 1 Avg. Stocking: 0.70 Site Class: 1.8 Avg. Min. Operability Limit: 80 m3/ha Avg. Min. Operability Age: 55 years.	Species Composition Target: Pj 50 Sp 25 Po 5 Bw 5 Pr 1 and (Bf<10) Target Site Occupancy: 875 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: 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		SC	Stkg	PJM-MED yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 68 m3/ha @ age 95	Performance: (timing and standards for assessment to be determined)	
HMX	Po 43 Pj 26 Bw 12 Sb 10 Bf 5 Sw 2 Pr 1		2.1	0.70			
PJM	Pj 56 Sb 30 Po 7 Bw 4 Bf 2 Sw 1 Pr 1		2.6	0.64			
CMX	Pj 51 Po 22 Sb 12 Bw 11 Bf 3 Sw 1		2.1	0.70			
BFM	Bf 39 Sb 26 Pj 13 Bw 9 Sw 7 Po 6		1.7	0.40			
HRD	Po 50 Bw 21 Pj 11 Sb 6 Ab 5 Bf 4 Sw 2		2.3	0.74			

	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)	Chemical (ground)
Acceptable Alternative Treatments		Tree Length Cut-To-Length	Manual None	Aerial Seed Pj 30,000 sph Natural Seed	None Chemical (aerial) Cleaning (manual) Cleaning (mechanical)

NOTES:

2012-2022 SGRs include:

BFM-BA1-PJM	PRW-BA1-PJM
PJD-BA1-PJM	SPD-EXT-PJM
PJM-BA1-PJM	SPD-BA1-PJM
	SPM-BA1-PJM

MANAGEMENT UNIT NAME: Kenora Forest (644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		POD-MED		Silvicultural System:		Clearcut			
Current Condition				Future Condition		Regeneration Standards			
Forest Unit		Ecosite(s)		Forest Unit		Stand Characteristics		Establishment:	
HMX POD HRD CMX		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)		POD PLANFU sort = NWSFU cn 'podee' or NWSFU cn 'posha'		Po 80 Bw 6 Bf 6 Sb 3 Sw 3 Pj 2 Avg. Stocking: 0.75 Site Class: 3.0 Avg. Min. Operability Limit: 75 m3/ha Avg. Min. Operability Age: 65 years.		Species Composition Target: Po 75 Bw 5 Sp 5 Pj 2 Bf 2 Target Site Occupancy: 900 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		SC		Stkg		Performance: (timing and standards for assessment to be determined)	
HMX		Po 43 Pj 26 Bw 12 Sb 10 Bf 5 Sw 2 Pr 1		2.1		0.70			
POD		Po 78 Pj 8 Bw 7 Sb 3 Bf 2 Sw 1 Ab 1		2.1		0.82			
HRD		Po 50 Bw 21 Pj 11 Sb 6 Ab 5 Bf 4 Sw 2		2.3		0.74			
CMX		Pj 51 Po 22 Sb 12 Bw 11 Bf 3 Sw 1		2.1		0.70			

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

NOTES:

2012-2022 SGRs include:

BFM-EXT-POD	POD-EXT-POD
CMX-EXT-POD	PRW-EXT-POD
OTH-EXT-POD	HMX-EXT-POD

MANAGEMENT UNIT NAME: Kenora Forest (644)
PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		POD-HIGH		Silvicultural System:		Clearcut	
Current Condition				Future Condition		Regeneration Standards	
Forest Unit		Ecosite(s)		Forest Unit		Stand Characteristics	
HRD POD HMX		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)		POD PLANFU sort = NWSFU cn 'podee' or NWSFU cn 'posha'		Po 81 Bf 6 Bw 4 Sb 3 Pj 2 Sw 2 Lh 1 Avg. Stocking: 0.80 Site Class: 1.9 Avg. Min. Operability Limit: 100 m3/ha Avg. Min. Operability Age: 55 years.	
Additional Information (avg. area weighted values)				Development Information			
Forest Unit		Species Composition		SC		Stkg	
HRD		Po 50 Bw 21 Pj 11 Sb 6 Ab 5 Bf 4 Sw 2		2.3		0.74	
POD		Po 78 Pj 8 Bw 7 Sb 3 Bf 2 Sw 1 Ab 1		2.1		0.82	
HMX		Po 43 Pj 26 Bw 12 Sb 10 Bf 5 Sw 2 Pr 1		2.1		0.70	
				POD-HIGH yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 149 m3/ha @ age 95			
				<u>Establishment:</u> Species Composition Target: Po 80 Bf 5 Bw 4 Sp 3 Pj 2 Target Site Occupancy: 1000 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 2500 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			
				<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	None	Natural coppice or seed	None
Acceptable Alternative Treatments		Tree Length Cut-To-Length			

NOTES:

2012-2022 SGRs include:

PRW-EXT-POD
HMX-EXT-POD

MANAGEMENT UNIT NAME: Kenora Forest (644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		PRW-LOW		Silvicultural System:		Clearcut	
Current Condition				Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)			Forest Unit	Stand Characteristics	Establishment:	
PRW HMX CMX	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)			PRW PLANFU sort = NWSFU cn 'pwdom' or NWSFU cn 'prdom' or NWSFU cn 'prwmx'	Pw 50 Po 10 Pr 10 Bw 10 Sb 5 Pj 5 Avg. Stocking: 0.70 Site Class: 2.1 Avg. Min. Operability Limit: 135 m3/ha Avg. Min. Operability Age: 85 years.	Species Composition Target: Pw 50 Pr 5 Po 5 Bw 5 Sb 5 Pj 5 Target Site Occupancy: 875 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: 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		SC	Stkg	PRW-LOW yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 187 m3/ha @ age 175		Performance:
PRW	Pr 55 Pj 11 Po 11 Pw 10 Sb 4 Bf 2		2.2	0.63			(timing and standards for assessment to be determined)
HMX	Po 43 Pj 26 Bw 12 Sb 10 Bf 5 Sw 2 Pr 1		2.1	0.70			
CMX	Pj 51 Po 22 Sb 12 Bw 11 Bf 3 Sw 1		2.1	0.70			

	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:

2012-2022 SGRs include:

PRW-EXT-PRW

MANAGEMENT UNIT NAME: Kenora Forest (644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		PRW-MED		Silvicultural System:		Clearcut			
Current Condition				Future Condition		Regeneration Standards			
Forest Unit		Ecosite(s)		Forest Unit		Stand Characteristics		Establishment:	
CMX PRW HMX PJD HRD		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)		PRW PLANFU sort = NWSFU cn 'pwdom' or NWSFU cn 'prdom' or NWSFU cn 'prwmx'		Pr 40 Pw 15 Po 12 Pj 10 Bw 8 Sb 8 Bf 7 Avg. Stocking: 0.75 Site Class: 2.2 Avg. Min. Operability Limit: 170 m3/ha Avg. Min. Operability Age: 85 years.		Species Composition Target: Pr+Pw 50 Pj 10 Sp 5 Po 5 Bw 2 Bf 2 Target Site Occupancy: 940 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: 7 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3	
Additional Information (avg. area weighted values)				Development Information				Performance: (timing and standards for assessment to be determined)	
Forest Unit		Species Composition		SC		Stkg			
CMX		Pj 51 Po 22 Sb 12 Bw 11 Bf 3 Sw 1		2.1		0.70			
PRW		Pr 55 Pj 11 Po 11 Pw 10 Sb 4 Bf 2		2.2		0.63			
HMX		Po 43 Pj 26 Bw 12 Sb 10 Bf 5 Sw 2 Pr 1		2.1		0.70			
PJD		Pj 85 Sb 7 Po 6 Bw 2		2.3		0.81			
HRD		Po 50 Bw 21 Pj 11 Sb 6 Ab 5 Bf 4 Sw 2		2.3		0.74			
				PRW-MED yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 328 m3/ha @ age 255					

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:

2012-2022 SGRs include:

CMX-BA1-PRW
 PRW-BA1-PRW

MANAGEMENT UNIT NAME: Kenora Forest (644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		PRW-HIGH		Silvicultural System:		Clearcut			
Current Condition				Future Condition		Regeneration Standards			
Forest Unit		Ecosite(s)		Forest Unit		Stand Characteristics		Establishment:	
HRD CMX PRW HMX PJD		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)		PRW PLANFU sort = NWSFU cn 'pwwdm' or NWSFU cn 'prdom' or NWSFU cn 'prwmx'		Pr 53 Po 15 Bf 10 Pw 7 Bw 5 Pj 5 Sb 5 Avg. Stocking: 0.85 Site Class: 0.6 Avg. Min. Operability Limit: 170 m3/ha Avg. Min. Operability Age: 60 years.		Species Composition Target: Pr 50 Po 10 Sp 10 Bf 5 Pw 5 Po 5 Pj 3 Bw 2 Target Site Occupancy: 1050 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 2500 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				Performance: (timing and standards for assessment to be determined)	
Forest Unit		Species Composition		SC		Stkg			
HRD		Po 50 Bw 21 Pj 11 Sb 6 Ab 5 Bf 4 Sw 2		2.3		0.74			
CMX		Pj 51 Po 22 Sb 12 Bw 11 Bf 3 Sw 1		2.1		0.70			
PRW		Pr 55 Pj 11 Po 11 Pw 10 Sb 4 Bf 2		2.2		0.63			
HMX		Po 43 Pj 26 Bw 12 Sb 10 Bf 5 Sw 2 Pr 1		2.1		0.70			
PJD		Pj 85 Sb 7 Po 6 Bw 2		2.3		0.81			
				PRW-HIGH yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 400 m3/ha @ age 155					

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:

2012-2022 SGRs include:

PRW-INT-PRW

MANAGEMENT UNIT NAME: Kenora Forest (644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		SBD-MED		Silvicultural System:		Clearcut			
Current Condition				Future Condition		Regeneration Standards			
Forest Unit		Ecosite(s)		Forest Unit		Stand Characteristics		Establishment:	
CMX SBM PJD PJM SBD		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)		SBD PLANFU sort = NWSFU cn 'sbdee' or NWSFU cn 'sbsha'		Sb 78 Pj 14 Bw 4 Bf 3 Po 2 Sw 1 Avg. Stocking: 0.70 Site Class: 1.7 Avg. Min. Operability Limit: 75 m3/ha Avg. Min. Operability Age: 80 years.		Species Composition Target: Sp 75 Pj 10 Bw 2 Po 2 Bf 1 Target Site Occupancy: 875 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: 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		SC		Stkg			
CMX		Pj 51 Po 22 Sb 12 Bw 11 Bf 3 Sw 1		2.1		0.70			
SBM		Sb 56 Pj 32 Po 6 Bw 3 Sw 3 Bf 3		1.7		0.47			
PJD		Pj 85 Sb 7 Po 6 Bw 2		2.3		0.81			
PJM		Pj 56 Sb 30 Po 7 Bw 4 Bf 2 Sw 1 Pr 1		2.6		0.64			
SBD		Sb 77 Pj 18 Po 2 Bw 2 Bf 1		1.8		0.40			
				SBD-MED yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 117 m3/ha @ age 155-165				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 (ingress >400 sph Sb)	Chemical (ground)
Acceptable Alternative Treatments		Tree Length Cut-To-Length	Manual None	Natural Seed	None Chemical (aerial) Cleaning (manual) Cleaning (mechanical)

NOTES:

2012-2022 SGRs include:

BFM-BA1-SPD
 CMX-BA1-SPD
 SPD-EXT-SPD

SPD-BA1-SPD
 SPM-EXT-SPD
 SPM-BA1-SPD

MANAGEMENT UNIT NAME: Kenora Forest (644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		SBL-LOW		Silvicultural System:		Clearcut	
Current Condition				Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)			Forest Unit	Stand Characteristics	Establishment:	
SBL	Lowland - Hydric, Variable textures (ecosites 126-224)			SBL PLANFU sort = NWSFU cn 'sblow' or NWSFU cn 'oclow'	Sb 70 Ce 12 La 11 Lh 5 Bw 2 Pj 1 Avg. Stocking: 0.70 Site Class: 2.5 Avg. Min. Operability Limit: 55 m3/ha Avg. Min. Operability Age: 100 years.	Species Composition Target: Sp 65 Ce 10 La 10 Lh 2 Pj 1 Target Site Occupancy: 875 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		SC	Stkg	SBL-LOW yield curve: Wet LOW land sites. Harvest origin stands. Natural Yield Curve Builder: Peak 93 m3/ha @ age 215		Performance: (timing and standards for assessment to be determined)
SBL	Sb 78 Pj 9 La 8 Ce 3 Po 1 Bw 1		2.5	0.49			

	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:

2012-2022 SGRs include:

OCL-EXT-OCL
 OCL-BA1-SBL

SBL-BA1-SBL
 SBL-EXT-SBL

MANAGEMENT UNIT NAME: Kenora Forest (644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-4 SILVICULTURAL GROUND RULES

SGR Code:		SBM-MED		Silvicultural System:		Clearcut	
Current Condition				Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)			Forest Unit	Stand Characteristics	Establishment:	
SBM HMX CMX HRD SBD	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)			SBM PLANFU sort = NWSFU cn 'sbmx1'	Sb 52 Pj 28 Bw 6 Bf 5 Po 4 Sw 3 Pr 2 Avg. Stocking: 0.65 Site Class: 2.1 Avg. Min. Operability Limit: 80 m3/ha Avg. Min. Operability Age: 85 years.	Species Composition Target: Sp 55 Pj 25 Bw 5 Po 3 Pr 1 and (Bf<10) Target Site Occupancy: 800 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: 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		SC	Stkg	SBM-MED yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 144 m3/ha @ age135	Performance: (timing and standards for assessment to be determined)	
SBM	Sb 56 Pj 32 Po 6 Bw 3 Sw 3 Bf 3		1.7	0.47			
HMX	Po 43 Pj 26 Bw 12 Sb 10 Bf 5 Sw 2 Pr 1		2.1	0.70			
CMX	Pj 51 Po 22 Sb 12 Bw 11 Bf 3 Sw 1		2.1	0.70			
HRD	Po 50 Bw 21 Pj 11 Sb 6 Ab 5 Bf 4 Sw 2		2.3	0.74			
SBD	Sb 77 Pj 18 Po 2 Bw 2 Bf 1		1.8	0.40			

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

NOTES:

2012-2022 SGRs include:

CMX-BA1-SPM
 SPD-EXT-SPM
 SPM-EXT-SPM

MANAGEMENT UNIT NAME: Kenora Forest (644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-4 SILVICULTURAL GROUND RULES

SGR Code:	SBM-HIGH			Silvicultural System:	Clearcut		
Current Condition				Future Condition		Regeneration Standards	
Forest Unit	Ecosite(s)			Forest Unit	Stand Characteristics	Establishment:	
HRD HMX SBM SBD CMX	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)			SBM PLANFU sort = NWSFU cn 'sbmx1'	Sb 51 Pj 23 Sw 7 Po 6 Bw 6 Bf 5 Avg. Stocking: 0.70 Site Class: 1.0 Avg. Min. Operability Limit: 95 m3/ha Avg. Min. Operability Age: 65 years.	Species Composition Target: Sp 55 Pj 20 Po 5 Bw 5 and (Bf<10) Target Site Occupancy: 875 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		SC	Stkg	SBM-HIGH yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 144 m3/ha @ age 115-135		
HRD	Po 50 Bw 21 Pj 11 Sb 6 Ab 5 Bf 4 Sw 2		2.3	0.74			
HMX	Po 43 Pj 26 Bw 12 Sb 10 Bf 5 Sw 2 Pr 1		2.1	0.70			
SBM	Sb 56 Pj 32 Po 6 Bw 3 Sw 3 Bf 3		1.7	0.47			
SBD	Sb 77 Pj 18 Po 2 Bw 2 Bf 1		1.8	0.40			
CMX	Pj 51 Po 22 Sb 12 Bw 11 Bf 3 Sw 1		2.1	0.70			
					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 (ground)
Acceptable Alternative Treatments		Tree Length Cut-To-Length	None Manual Chemical	Natural Seed	None Chemical (aerial) Cleaning (manual) Cleaning (mechanical)

NOTES:

2012-2022 SGRs include:

SPD-BA1-SPM
 SPM-BA1-SPM

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-5 POST-HARVEST RENEWAL TRANSITION RULES (DEFAULT)

Pre-harvest Forest Unit	Treatment Type	BFM		CMX		HMX		HRD		PJD		PJM		POD		PRW		SBD		SBL		SBM	
		%	YIELD	%	YIELD	%	YIELD	%	YIELD	%	YIELD	%	YIELD	%	YIELD	%	YIELD	%	YIELD	%	YIELD	%	YIELD
BFM	Natural	4	MED	19	MED	16	MED	29	MED	2	MED	11	MED	14	MED	1	MED		MED	1	LOW	3	HIGH
	Plant			32	LOW					68	MED												
	Seed			21	MED	13	MED			52	MED	14	MED										
CMX	Natural	18	MED	34	MED	12	MED	13	MED	5	MED	4	MED		MED	5	HIGH	2	MED	2	LOW	5	HIGH
	Plant	3	MED	9	LOW	2	MED	3	MED	27	MED	4	MED	1	MED	22	MED	15	MED			14	MED
	Seed			23	MED	22	MED	5	MED	38	MED	9	MED		MED			3	MED				
HMX	Natural	3	MED	12	LOW	16	MED	25	MED					35	HIGH	1	MED	3	MED			5	HIGH
	Plant	4	MED	12	LOW	4	MED	1	MED	6	MED	40	MED	2	HIGH	3	MED	5	MED			23	HIGH
	Seed	4	MED	5	MED	24	MED	2	MED	57	MED	7	MED	1	HIGH								
HRD	Natural	2	MED	14	MED	9	MED	15	MED	14	MED	6	MED	36	HIGH	1	MED					3	MED
	Plant	8	MED	12	LOW			2	MED	23	MED	3	MED			18	HIGH	16	MED			18	MED
	Seed			15	MED	51	MED			34	HIGH												
PJD	Natural	8	MED	50	MED	8	MED	4	MED	6	MED	6	MED	12	HIGH							6	MED
	Plant			21	LOW	5	MED	3	MED	14	MED	11	MED			14	MED	24	MED			8	MED
	Seed	4	MED	6	LOW	46	MED			37	MED	7	MED										
PJM	Natural	10	MED	28	MED	11	MED	11	MED	1	MED	13	MED	21	HIGH	2	HIGH					3	MED
	Plant	18	MED	14	LOW	5	MED	4	MED			28	MED			4	MED	16	MED			11	MED
	Seed			42	MED	18	MED			27	MED	13	MED										
POD	Natural	5	MED	20	MED	9	MED	6	MED	1	LOW	4	MED	42	HIGH		MED					13	HIGH
	Plant	5	MED	48	MED	2	MED	17	MED	12	HIGH	4	MED			1	MED					11	HIGH
	Seed					4	MED			12	MED	84	MED										
PRW	Natural	8	MED	13	LOW	25	MED	10	MED			19	MED	16	HIGH	6	MED					3	HIGH
	Plant	16	MED	9	MED	62	MED	3	MED							10	LOW						
	Seed					62	MED	38	MED														
SBD	Natural	8	MED	22	MED	16	MED			6	MED	7	MED	33	HIGH			4	MED			4	HIGH
	Plant			21	MED	6	MED			39	MED	7	MED			6	MED	13	MED			8	HIGH
	Seed			26	MED	20	MED			11	MED	43	MED										
SBL	Natural	7	MED	20	LOW	14	MED	9	MED	9	MED	2	MED	32	HIGH					7	LOW		
	Plant	12	MED	24	LOW	16	MED	2	MED	22	HIGH	5	MED	4	HIGH	10	HIGH			5	LOW		
	Seed			38	MED	6	MED	4	MED	42	MED	10	MED										
SBM	Natural			25	MED	25	MED	22	MED	9	MED	1	MED	11	HIGH							7	HIGH
	Plant			11	LOW	4	MED			15	HIGH	11	MED					53	MED			6	HIGH
	Seed			23	MED	11	MED			66	MED												

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-6 PROJECTED FOREST CONDITION FOR THE CROWN PRODUCTIVE FOREST

Forest Unit	Age Class	Area (ha)					
		2022	2042	2062	2082	2102	2122
BFM	1-20	1,835	2,723	2,138	1,311	731	946
	21-40	3,999	1,835	2,723	2,138	1,311	731
	41-60	11,031	3,999	1,835	2,723	2,138	1,311
	61-80	8,551	10,899	3,999	1,835	2,723	2,138
	81-100	5,751	8,374	10,862	3,834	1,835	2,723
	101-120	2,741	5,037	6,486	8,056	3,808	1,835
	121-140	907	2,805	2,730	3,425	7,675	4,233
	141+	119	825	6,134	14,428	24,012	37,226
	Subtotal	34,934	36,497	36,908	37,751	44,231	51,142
CMX	1-20	3,228	10,349	10,471	9,356	7,899	7,478
	21-40	15,979	3,228	10,349	10,471	9,356	7,899
	41-60	11,718	15,979	3,228	10,349	10,471	9,356
	61-80	11,026	11,718	15,978	3,228	8,996	8,599
	81-100	30,569	6,090	7,193	11,483	3,113	4,254
	101-120	15,552	24,284	3,968	7,193	10,722	3,045
	121-140	4,732	11,439	11,251	2,482	4,810	7,184
	141+	864	4,629	12,698	16,322	18,438	33,174
	Subtotal	93,667	87,715	75,136	70,884	73,805	80,989
HMX	1-20	3,619	8,357	7,439	6,367	5,373	5,344
	21-40	8,124	3,619	8,357	7,439	6,367	5,373
	41-60	11,703	8,124	3,619	8,357	7,439	6,367
	61-80	15,134	6,826	8,124	3,619	4,982	1,941
	81-100	32,443	10,090	6,782	6,562	1,732	367
	101-120	3,332	18,789	6,832	3,398	6,425	1,732
	121-140	200	3,319	10,691	6,300	2,881	6,434
	141+	26	203	3,300	11,291	10,729	6,178
	Subtotal	74,582	59,326	55,144	53,332	45,927	33,734
HRD	1-20	2,558	7,563	5,084	3,184	2,489	3,413
	21-40	7,891	2,558	7,563	5,084	3,184	2,489
	41-60	11,140	7,891	2,558	7,563	5,084	3,184
	61-80	17,813	11,128	7,891	2,558	7,453	1,197
	81-100	42,067	16,071	11,115	7,857	2,558	4,025
	101-120	6,164	32,889	11,264	5,298	5,221	2,460
	121-140	427	5,152	23,981	8,330	3,483	5,185
	141+	143	348	3,884	18,986	19,001	14,593
	Subtotal	88,202	83,600	73,340	58,860	48,473	36,546
PJD	1-20	8,598	20,039	22,182	25,004	26,256	23,963
	21-40	53,491	8,598	20,039	22,182	25,004	26,256
	41-60	17,390	53,491	8,598	20,039	22,182	25,004
	61-80	7,153	17,390	53,395	8,598	20,039	22,182
	81-100	52,509	7,153	17,024	45,270	7,664	8,340
	101-120	7,603	34,545	2,497	5,045	21,449	1,002
	121-140	3,004	5,389	20,981	2,429	4,792	15,565
	141+	283	2,391	6,905	23,948	23,433	16,134
	Subtotal	150,031	148,996	151,621	152,515	150,819	138,446

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-6 PROJECTED FOREST CONDITION FOR THE CROWN PRODUCTIVE FOREST

Forest Unit	Age Class	Area (ha)					
		2022	2042	2062	2082	2102	2122
PJM	1-20	2,964	7,820	8,276	9,107	10,664	12,024
	21-40	3,198	2,964	7,820	8,276	9,107	10,664
	41-60	2,018	3,198	2,964	7,820	8,276	9,107
	61-80	1,933	2,018	3,198	2,964	7,820	8,276
	81-100	21,122	1,933	1,924	2,922	2,612	7,820
	101-120	8,287	21,023	1,933	1,924	2,812	2,036
	121-140	391	9,940	20,180	2,443	3,449	4,500
	141+	-	347	6,847	17,817	17,215	8,370
	Subtotal	39,912	49,244	53,142	53,273	61,956	62,798
POD	1-20	10,685	23,299	13,668	9,025	8,442	9,190
	21-40	8,841	10,685	23,299	13,668	9,025	8,442
	41-60	5,650	8,841	10,685	23,299	13,668	9,025
	61-80	6,323	5,629	8,841	10,685	23,299	10,695
	81-100	22,330	3,265	3,587	6,776	10,685	23,299
	101-120	1,655	9,072	1,422	697	995	8,417
	121-140	-	444	4,318	1,407	545	967
	141+	-	-	373	3,627	1,182	458
	Subtotal	55,484	61,235	66,192	69,184	67,841	70,492
PRW	1-20	1,442	1,643	715	2,333	1,582	1,983
	21-40	867	1,442	1,643	715	2,333	1,582
	41-60	394	867	1,442	1,643	715	2,333
	61-80	830	394	867	1,442	1,643	715
	81-100	4,360	830	394	867	1,442	1,643
	101-120	6,120	4,360	830	394	867	1,442
	121-140	3,706	6,120	4,360	827	339	512
	141+	769	4,244	10,214	12,273	11,839	10,915
	Subtotal	18,488	19,901	20,465	20,495	20,761	21,125
SBD	1-20	2,983	2,160	1,418	1,494	1,622	1,709
	21-40	1,727	2,983	2,160	1,418	1,494	1,622
	41-60	718	1,727	2,983	2,160	1,418	1,494
	61-80	1,918	718	1,727	2,983	2,160	1,418
	81-100	8,912	1,918	718	1,727	2,983	2,160
	101-120	3,404	8,593	1,913	718	1,727	2,983
	121-140	1,223	2,390	8,271	1,913	718	637
	141+	92	911	3,308	19,932	33,240	50,551
	Subtotal	20,977	21,400	22,498	32,344	45,361	62,574
SBL	1-20	1,497	2,152	3,874	9,534	4,950	4,155
	21-40	4,601	1,497	2,152	3,874	9,534	4,950
	41-60	754	4,601	1,497	2,152	3,874	9,534
	61-80	1,270	754	4,601	1,497	2,152	3,874
	81-100	6,570	1,270	754	4,601	1,497	2,152
	101-120	15,263	6,570	1,270	754	3,916	1,494
	121-140	10,011	15,133	6,504	1,248	754	2,714
	141+	5,758	13,872	25,230	22,048	19,021	16,853
	Subtotal	45,724	45,848	45,882	45,707	45,698	45,726

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-6 PROJECTED FOREST CONDITION FOR THE CROWN PRODUCTIVE FOREST

Forest Unit	Age Class	Area (ha)					
		2022	2042	2062	2082	2102	2122
SBM	1-20	2,912	4,930	3,452	3,296	3,715	4,125
	21-40	1,841	2,912	4,930	3,452	3,296	3,715
	41-60	892	1,841	2,912	4,930	3,452	3,296
	61-80	2,961	892	1,841	2,912	4,930	3,452
	81-100	13,380	2,961	892	1,841	2,912	4,930
	101-120	5,813	13,276	2,961	892	1,628	2,297
	121-140	2,421	5,433	17,415	2,132	611	1,153
	141+	32	1,855	8,987	27,038	13,822	10,184
	Subtotal	30,253	34,100	43,389	46,493	34,365	33,151
Total All Forest Units		652,254	647,861	643,717	640,838	639,239	636,724

NOTES: Data from Long-term Management Direction: LTMD-07
Area data reported for the beginning of each 20-year period.
Total productive forest area in Year 2022 is comparable to Table FMP-1. SFMM reconciled land base is 4 ha lower than BMI area (matches, due to rounding of area for import into strategic model).

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-7 PROJECTED HABITAT FOR SELECTED WILDLIFE SPECIES

Species	Species Abbrev.	Habitat Area (ha)					
		2022	2042	2062	2082	2102	2122
Caribou - refuge	Cr	71,994	70,061	73,525	74,354	73,705	74,732
Caribou - winter combined	Cw	29,678	60,218	59,823	58,541	52,656	54,570
Moose - Browse Producing Forest	Mb	Moose habitat is planned for and considered based on various BLG indicators for the whole forest and within identified Moose Emphasis Areas (MEAs). See Table FMP-10 for current and projected moose habitat in MEAs (by habitat type).					
Moose - Hardwood/Mixedwood Forest	Mmc						
Moose - Mature Conifer Forest	Mhmx						

NOTES:

Data derived from results of the SFMM LTMD-07. Habitat reported for beginning of each 20-year period.

Caribou and Moose are selected wildlife species in the 2022 FMP that require specific projected habitat modelling in habitat emphasis areas. Habitat for all species that inhabit the Kenora Forest are accounted for through the management of forest composition, age structure and landscape pattern required by management indicators and milestones, in accordance with the Forest Management Guide for Boreal Landscapes (BLG). See Table FMP-10 for Boreal Landscape Guide indicator projections.

Habitat for Deer and Elk is available and maintained throughout their range using the same BLG indicators and milestones. In addition, habitat emphasis areas are identified, and are considered and planned for through operational strategies in their identified, respective strategic management zones.

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

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					
	2022	2042	2062	2082	2102	2122
BFM	905	3,687	4,647	4,767	298	5,466
CMX	5,009	4,839	4,322	2,648	3,197	4,390
HMX	13,323	6,528	3,199	2,611	4,412	5,819
HRD	5,093	7,482	7,694	4,071	3,474	2,599
PJD	11,436	9,062	10,703	11,076	13,095	8,331
PJM	42	70	119	200	339	166
POD	9,907	4,854	2,379	2,744	2,286	2,157
PRW	141	133	62	700	211	829
SBD	768	1,027	2,013	3,946	6,327	3,000
SBL	855	1,445	7,220	2,904	1,783	3,189
SBM	1,109	399	526	1,031	2,021	915
	0	0	0	0	0	0
Total	48,587	39,527	42,883	36,698	37,444	36,861

NOTE:

Data derived from results of SFMM LTMD-07.

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)
PLAN PERIOD: April 1, 2022 to March 31, 2032

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					
		2022	2042	2062	2082	2102	2122
Net Merchantable Volume (NMV):							
Spruce-Pine-Fir	Small	2,349,943	2,023,917	2,408,697	2,385,032	2,562,675	2,313,278
Spruce-Pine-Fir	Large	50,057	49,657	59,534	70,365	44,898	55,739
Spruce-Pine-Fir	Subtotal	2,400,000	2,073,573	2,468,231	2,455,396	2,607,573	2,369,018
Poplar	Small	1,971,260	1,385,916	1,009,478	787,729	838,184	833,933
Poplar	Large	176,836	179,869	121,802	112,271	61,816	66,067
Poplar	Subtotal	2,148,097	1,565,785	1,131,280	900,000	900,000	900,000
White Birch	Small	286,622	286,844	235,274	187,800	154,112	186,315
White Birch	Large	9,069	25,247	20,725	17,834	3,842	17,081
White Birch	Subtotal	295,691	312,090	255,998	205,635	157,954	203,396
NMV TOTAL All Species Small		4,630,028	3,738,816	3,787,830	3,502,138	3,625,337	3,536,134
NMV TOTAL All Species Large		241,973	261,184	212,170	247,862	124,663	213,866
NM VOLUME TOTAL All Species		4,872,001	4,000,000	4,000,000	3,750,000	3,750,000	3,750,000
Defect (Branches, Twigs, Leaves, Bark):							
Spruce-Pine-Fir		764,420	718,027	882,276	928,148	937,592	891,076
Poplar		1,492,468	1,338,430	959,238	809,412	648,866	666,135
White Birch		147,606	186,064	166,289	142,523	93,037	127,168
DEFECT VOLUME TOTAL All Species		2,479,444	2,347,904	2,154,581	2,013,287	1,731,913	1,832,138
Undersized (Top Wood)							
Spruce-Pine-Fir		423,591	332,584	452,810	393,965	448,340	422,290
Poplar		451,525	289,470	248,763	179,976	220,631	188,472
White Birch		35,692	34,398	32,299	23,645	22,281	21,681
UNDERSIZED VOLUME TOTAL All Species		936,506	684,247	773,021	619,476	703,495	656,736
TOTAL AVAILABLE HARVEST VOLUME		8,287,951	7,032,152	6,927,602	6,382,762	6,185,407	6,238,873

NOTE:

Data derived from results of SFMM LTMD-07. 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 Kenora Forest, and are not considered major Species Groups.

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

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-10 ASSESSMENT OF OBJECTIVE ACHIEVEMENT

Strategic modelling projections based on: LTMD-07

Management Objectives						Projection			Assessment
Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (by Plan End)	Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
1. Caribou Habitat: To maintain forest function for caribou habitat in the Kenora Forest in the Caribou Habitat Management Zone.	(1a) Caribou Habitat Area: Refuge (ha)	71,574	54,045 to 61,458	(1) Proposed LTMD (2) Completion of operational planning (4) Annual Report for Year 5 and final year of plan implementation	maintain within the desirable level	72,246	70,061	74,732	PARTIALLY ACHIEVED: Caribou refuge and winter habitats are projected to be above the desirable level for 160 years.
	Winter - Combined (ha)	29,131	18,667 to 45,161		maintain desirable level	29,678	60,218	54,570	
	(1b) Texture of Caribou Winter Habitat (Combined) (hexagon frequency distribution by mean proportion):	(%)	Move towards mean, focusing on >60% proportion classes. Mean:	(1) Proposed LTMD (2) Completion of operational planning (4) Annual Report for Year 5 and final year of plan implementation	Move towards or exceed the mean for >60% proportion classes.		N/A	N/A	ACHIEVED: Desirable level is overachieved with significant movement towards, then above, the mean proportion of 61-100% concentrations at both assessment scales. Limited harvest in the caribou zone in this 2022-2032 plan period results in forest aging into higher concentrations of coarse texture caribou winter habitat. Target level is achieved.
	60 km2 Hexagon Scale:					0%			
	1 - 20% concentration	38%	17%			3%			
	21 - 40% concentration	20%	17%			10%			
	41 - 60% concentration	24%	22%			45%			
	61 - 80% concentration	17%	30%			42%			
	81 - 100% concentration	1%	15%						
	300 km2 Hexagon Scale:					0%			
	1 - 20% concentration	5%	8%			0%			
	21 - 40% concentration	66%	22%			0%			
	41 - 60% concentration	30%	32%			0%			
	61 - 80% concentration	0%	34%			68%			
	81 - 100% concentration	0%	6%			32%			
	(1c) Texture of Caribou Refuge Habitat (hexagon frequency distribution by mean proportion):	(%)	Move towards mean, focusing on >60% proportion classes. Mean:			(1) Proposed LTMD (2) Completion of operational planning (4) Annual Report for Year 5 and final year of plan implementation			
	60 km2 Hexagon Scale:			0%					
	1 - 20% concentration	0%	0%	0%					
	21 - 40% concentration	0%	2%	3%					
	41 - 60% concentration	0%	12%	18%					
	61 - 80% concentration	17%	34%	79%					
	81 - 100% concentration	83%	53%						
	300 km2 Hexagon Scale:			0%					
	1 - 20% concentration	0%	0%	0%					
	21 - 40% concentration	0%	0%	0%					
	41 - 60% concentration	0%	8%	0%					
	61 - 80% concentration	0%	43%	0%					
	81 - 100% concentration	100%	49%	100%					

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-10 ASSESSMENT OF OBJECTIVE ACHIEVEMENT

Strategic modelling projections based on: LTMD-07

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (by Plan End)	Projection			Assessment
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
	(1d) Conifer Purity in Jack Pine and Black Spruce LGFUs:	(% Pj+Sb+Sw)	Maintain or increase percentage of jack pine and spruce in PJD, PJM, SBD, SBL, and SBM.	(4) Annual Report for final year of plan	Same as desired level.	N/A	N/A	N/A	(future assessment after plan implementation)
	PJD	95%							
	PJM	91%							
	SBD	95%							
	SBL	90%							
	SBM	89%							
	(1e) Amount and arrangement of on-line Caribou DCHS (% of DCHS area with block avg >60 years old):	28%	>= 40%	(1) Proposed LTMD	Move towards, then maintain desirable level	2032: 76% 2042: 70%	2062: 55% 2082: 59%	2102: 47% 2122: 47%	ACHIEVED: Desirable level is achieved 2032 onwards, once large fire ages into being online. Target level is achieved.
	(1f) Planned and actual percent of total upland conifer harvest area successfully regenerated to upland conifer (PJD, PJM, SBD, SBM).	NA	100%	(4) Annual Report for final year of plan implementation	Same as desirable level.				(future assessment after plan implementation)
2. Forest Composition: To emulate natural forest composition and age classes which includes old growth forest.	(2a) Landscape Class Area:	(ha)	(ha)	(1) Proposed LTMD	decrease and maintain	22,356	27,940	48,155	PARTIALLY ACHIEVED: Desirable levels are achieved for MLloC and MLupC. MLb exceeds IQR, and MLhmx meets target level to decrease and move towards by end of planning horizon.
	Mature and late balsam fir	18,014	12,782 to 17,982	(2) Completion of operational planning					
	Mature and late lowland conifer	38,317	23,354 to 28,328	(4) Annual Reports for Year 5 and final year of plan implementation					
	Mature and late upland conifer	207,290	152,976 to 224,820						
	Mature and late hardwood	145,804	43,706 to 65,315		decrease	126,430	118,297	87,103	
	(2b) Old Growth Forest Area:	(ha)	(ha)	(1) Proposed LTMD	increase	7,543	10,703	16,333	ACHIEVED: All Old growth desirable levels are achieved in long-term. Short-term targets show movement towards.
	Lowland Conifer	4,194	12,236 to 17,281	(2) Completion of operational planning					
	Upland Conifer	24,764	47,362 to 79,383	(4) Annual Reports for Year 5 and final year of plan implementation					
	Mixedwood and Hardwood	24,780	55,649 to 78,344						
	White Pine and Red Pine	1,969	increase		increase	3,325	6,136	10,931	
	(2c) All ages red pine and white pine forest unit area (ha)	18,488	increase towards 39,135 ha	(1) Proposed LTMD (4) Annual Reports for Year 5 and final year of plan implementation	increase	19,101	19,901	21,125	ACHIEVED: Desirable and target levels achieved. Actual increase may be operationally greater than strategically modelled.

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-10 ASSESSMENT OF OBJECTIVE ACHIEVEMENT

Strategic modelling projections based on: LTMD-07

Assessment of Objective Achievement						Projection			Assessment
Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (by Plan End)	Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
	(2d) Upland Jack Pine and Spruce: (ha) PJD+PJM+SBD+SBM	233,327	290,514 to 343,729	(1) Proposed LTMD (2) Completion of operational planning (4) Annual Reports for Year 5 and final year of plan implementation	increase	245,886	253,738	296,969	ACHIEVED: Desirable and target levels achieved with increase in upland pure conifer area into desirable level range.
	(2e) Young Forest Area: (ha) All Plan Forest Units <36 years	83,576	129,712 to 227,291	(1) Proposed LTMD (2) Completion of operational planning (4) Annual Reports for Year 5 and final year of plan implementation	increase	97,545	124,897	129,712	ACHIEVED: Desirable and target levels achieved with increase in young forest area into desirable level in long-term 100 years.
3. Landscape Pattern: To emulate natural disturbance and landscape patterns characteristic of the Kenora Forest.	(3a) Texture of mature and old forest (hexagon frequency distribution by mean proportion): 500 ha Hexagon Scale: 1 - 20% concentration 21 - 40% concentration 41 - 60% concentration 61 - 80% concentration 81 - 100% concentration 5,000 ha Hexagon Scale: 1 - 20% concentration 21 - 40% concentration 41 - 60% concentration 61 - 80% concentration 81 - 100% concentration		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	Move towards or exceed the mean for >60% proportion classes.		N/A	N/A	ACHIEVED: Mature and Old Forest amount and texture is above the desirable level at Plan Start, and is projected to decrease only 1% during this plan period. Target level is achieved. Strategies are being implemented to defragment certain areas and also to plan harvest areas in patches of currently mature/old forest. Results of the defragmentation strategy are evident in the short-term with the reduction of the proportion of the 21-60% classes on the Kenora Forest. Movement towards the mean concentrations in future FMPs is expected to improve.
			40%						
		12%	40%			11%			
		10%	13%			9%			
		18%	10%			21%			
		20%	10%			23%			
		38%	28%			34%			
		10%	28%			10%			
		9%	23%			7%			
		21%	20%			25%			
		30%	17%			34%			
		29%	12%			24%			
	(3b) Young forest patch size: (frequency by size class ha) < 100 101-250 251-500 501-1,000 1,001-2,500 2,501-5,000 5001-10,000 10,001-20,000 >20,000		Move towards mean. 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.		N/A	N/A	NOT ACHIEVED: Frequency of small patches of young forest are projected to increase (away from mean, desirable level) on the Kenora Forest during the 10-year period. Desirable and target levels are not expected to be achieved until the long-term with implementation of harvest to defragment the forest and create more, larger young forest over many planning periods.
		67%	61%			68%			
		22%	16%			23%			
		6%	8%			6%			
		4%	6%			3%			
		0%	5%			0%			
		1%	2%			0%			
0%		1%	0%						
0%		1%	0%						

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-10 ASSESSMENT OF OBJECTIVE ACHIEVEMENT

Strategic modelling projections based on: LTMD-07

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (by Plan End)	Projection			Assessment
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
4. Moose Habitat: To maintain forest function for moose habitat in the Kenora Forest.	(4a) Habitat Proportion by Moose Emphasis Area:		Move towards and maintain range:	(1) Proposed LTMD (2) Completion of operational planning	Move towards or maintain within proportion range by habitat type, by MEA				ACHIEVED: Overall achievement is very good. Minor deviations (3) from habitat desirable or target range achievement as noted below. All other MEAs and habitat types are projected to be within the desirable ranges with LTMD preferred harvest implemented. MEA #1 - Browse increases to within desirable range, Hwd/Mix is maintained within range, MatCon is maintained 2% above range. MEA #2 - Browse and Hwd/Mix are maintained in desirable ranges, MatCon decreases 6% towards range (target achieved) and remains 3% above range. MEA #3 - Browse increases to within desirable range, Hwd/Mix is maintained within range, MatCon increases 1% and remains below range. MEA #4 - All habitats maintained within desirable ranges.
	MEA #1 - Aulneau Peninsula:								
	Browse Producing Forest	3%	5-30%			5%	N/A	N/A	
	Hardwood/Mixedwood Forest	43%	20-55%			41%	N/A	N/A	
	Mature Conifer Forest	37%	15-35%			37%	N/A	N/A	
	MEA #2 - Maybrun								
	Browse Producing Forest	13%	5-30%			19%	N/A	N/A	
	Hardwood/Mixedwood Forest	34%	20-55%			31%	N/A	N/A	
	Mature Conifer Forest	44%	15-35%			38%	N/A	N/A	
	MEA #3 - North English River								
	Browse Producing Forest	3%	5-30%			8%	N/A	N/A	
	Hardwood/Mixedwood Forest	42%	20-55%			36%	N/A	N/A	
	Mature Conifer Forest	8%	15-35%			9%	N/A	N/A	
	MEA #4 - South English River								
	Browse Producing Forest	13%	5-30%			12%	N/A	N/A	
	Hardwood/Mixedwood Forest	36%	20-55%			33%	N/A	N/A	
	Mature Conifer Forest	30%	15-35%			31%	N/A	N/A	

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-10 ASSESSMENT OF OBJECTIVE ACHIEVEMENT

Strategic modelling projections based on: LTMD-07

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (by Plan End)	Projection			Assessment
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
(4b) Frequency of Young Forest Patch Size by MEA:	MEA #1 - Aulneau Penn. <100 ha	93%	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.	91%	N/A	N/A	PARTIALLY ACHIEVED: Overall achievement is good. Only MEA #3 moves away from the desirable range, with an 11% increase of larger patches in the 501-1,000 ha size class. All other MEAs are projected to meet desirable level (with all young forest patches <=500 ha) with LTMD preferred harvest implemented. MEA #1- achieved with all patches <= 250 ha MEA #2 - improved, and achieved with all patches <= 500 ha MEA #3 - moves away from desirable level with added 11% young forest frequency in 501-1,000 ha size class at plan end. Harvest pattern may be improved through operational planning. MEA #4 - improved, and achieved with all patches <= 500 ha
	101-250 ha	7%				9%	N/A	N/A	
	251-500 ha	0%				0%	N/A	N/A	
	501-1,000 ha	0%				0%	N/A	N/A	
	1,001-2,500 ha	0%				0%	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	
	MEA #2 - Maybrun: < 100 ha	67%				62%	N/A	N/A	
	101-250 ha	15%				28%	N/A	N/A	
	251-500 ha	11%				10%	N/A	N/A	
	501-1,000 ha	7%				0%	N/A	N/A	
	1,001-2,500 ha	0%				0%	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	
	MEA #3 - N. English R: <100 ha	64%				48%	N/A	N/A	
	101-250 ha	17%				38%	N/A	N/A	
	251-500 ha	19%				3%	N/A	N/A	
	501-1,000 ha	0%				11%	N/A	N/A	
	1,001-2,500 ha	0%				0%	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	
	MEA #4 - S. English R.: <100 ha	37%				83%	N/A	N/A	
	101-250 ha	32%				15%	N/A	N/A	
	251-500 ha	4%				2%	N/A	N/A	
	501-1,000 ha	25%				0%	N/A	N/A	
	1,001-2,500 ha	2%				0%	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	

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-10 ASSESSMENT OF OBJECTIVE ACHIEVEMENT

Strategic modelling projections based on: LTMD-07

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (by Plan End)	Projection			Assessment
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
5. Forest Access: 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.	(5a) Kilometres of road per square kilometre of Crown productive forest. Caribou Zone:	0.02 km primary and branch SFL roads per km2 Crown productive forest	Maintain primary and branch SFL road density of <= 0.14 km/km2 Crown productive forest in caribou zone	(4) Annual Reports for Year 5 and final year of plan implementation	maintain within desirable level		N/A	N/A	(future assessment after plan implementation)
	Non-caribou Zone:	0.08 km primary and branch SFL roads per km2 Crown productive forest	Maintain primary and branch SFL road density of >= 0.14 km/km2 Crown productive forest in non-caribou zone		maintain within desirable level		N/A	N/A	(future assessment after plan implementation)
6. Wood Supply: To provide a predictable and continuous supply of wood to the forest products industry from the Kenora Forest.	(6a) Area of Managed Crown forest available for timber production (ha)	503,772	Maintain a min. of 493,000 ha	(4) Annual Reports for Year 5 and final year of plan implementation	Same as desirable level	501,468	499,437	493,468	(future assessment after plan implementation)
	(6b) Long-term projected available harvest area (ha) (all Forest Units combined)	4,859	AHA required to balance objective achievement and operational considerations	(1) Proposed LTMD	Same as desirable level	4,337	3,953	3,686	ACHIEVED: Annual Harvest Area is projected to provide for a good balance of objective achievement in short and long-term.
	(6c) Long-term projected available harvest volume by species group (m³ / year).	Annual Harvest Vol. (1,000 m ³)	Desired Level (1,000 m3/yr)	(1) Proposed LTMD	Same as desirable level				ACHIEVED: Short to long-term harvest volumes meet commitments, except long-term Poplar falls below current commitment. Overall volumes are acceptable with consideration for balanced objective achievement and increase in conifer area.
		PWR	2			2	2	24	
		SPF	240			219	207	237	
		PO	215			184	157	90	
		BW	30			32	31	20	
		TOTAL	487			438	400	375	
	(6d) Long-term projected available harvest volume by broad size (proportion/size).	Annual Harvest Vol. (proportion/size)	Maintain or increase proportion of "Large"	(1) Proposed LTMD	Same as desirable level				ACHIEVED: Proportion of Large size volume is projected to be maintained or increase through time.
		Small				93%	91%	92%	
		Large	5%			7%	9%	8%	

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-10 ASSESSMENT OF OBJECTIVE ACHIEVEMENT

Strategic modelling projections based on: LTMD-07

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (by Plan End)	Projection			Assessment
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
	(6e) Actual Harvest Area as Percentage of Planned, by forest unit.	Annual Harvest Area (ha):	Percentage of Planned Harvest Area Actually Harvested:	(4) Annual Reports for Year 5 and final year of plan implementation	Same as desirable level, by forest unit	N/A	N/A	N/A	(future assessment after plan implementation)
	BFM	91	80-100%						
	CMX	501	90-100%						
	HMX	1,332	90-100%						
	HRD	509	90-100%						
	PJD	1,144	90-100%						
	PJM	4	90-100%						
	POD	991	90-100%						
	PRW	14	80-100%						
	SBD	77	80-100%						
	SBL	86	80-100%						
	SBM	111	80-100%						
	(6f) Actual Harvest Volume as Percentage of Planned, by species group.	Annual Harvest Vol. (1,000 m ³):	Percentage of Planned Harvest Volume Actually Harvested:	(4) Annual Reports for Year 5 and final year of plan implementation	same as desirable level	N/A	N/A	N/A	(future assessment after plan implementation)
	PWR	2	min. 80%						
	SPF	240	min. 90%						
	PO	215	min. 90%						
	BW	30	min. 80%						
	TOTAL	487							
7. Indigenous Engagement:	(7a) Opportunities for involvement of Indigenous communities and Métis Nation of Ontario in plan development	TBD prior to Draft Plan	All (100% of 16) Indigenous communities within or adjacent to the Kenora Forest and Métis Nation of Ontario be provided opportunities to contribute information during plan development.	(3) Draft Plan	Same as desired level.	N/A	N/A	N/A	(future assessment at Draft Plan stage)
To engage during plan development Indigenous communities.									
8. LCC Engagement:	(8a) Local Citizens' Committee's self-evaluation of its effectiveness in plan development.	TBD prior to Draft Plan	LCC Effectiveness survey results indicate at least 70% effectiveness in the development of the FMP.	(3) Draft Plan	LCC Effectiveness survey results indicate at least 60% effectiveness in the development of the FMP	N/A	N/A	N/A	(future assessment at Draft Plan stage)
To have the Local Citizens' Committee (LCC) effectively participate in the development of the management plan.									

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-10 ASSESSMENT OF OBJECTIVE ACHIEVEMENT

Strategic modelling projections based on: LTMD-07

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (by Plan End)	Projection			Assessment
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
9. Forest Renewal: To effectively regenerate harvest areas consistent with the regeneration standards outlined in the Silvicultural Ground Rules (Table FMP-4).	(9a) Percent of harvested forest area assessed as successfully established, by forest unit:	Annual Harvest Area (ha):	95-100% of harvest area successfully established.	(4) Annual Reports for Year 5 and final year of plan implementation	Same as desirable	N/A	N/A	N/A	(future assessment after plan implementation)
		BFM							
		CMX							
		HMX							
		HRD							
		PJD							
		PJM							
		POD							
		PRW							
		SBD							
		SBL							
		SBM							
	(9b) Planned and actual percent of harvest area treated by broad treatment type:	Annual Planned Renewal (ha)	Percentage of Planned Area treated by the planned broad treatment type.	(4) Annual Reports for Year 5 and final year of plan implementation	Minimum of 70% of the actual harvest area treated by the planned broad treatment type.	N/A	N/A	N/A	(future assessment after plan implementation)
		Natural	min. 90%						
		Plant	min. 90%						
	(9c) Planned and actual percent of area successfully regenerated to the target forest unit, by forest unit over the entire forest.	Seed	min. 90%	(4) Annual Reports for Year 5 and final year of plan implementation	Achieve within +/-10 of the percentage projected to be renewed to the target future forest unit, by harvested forest unit and broad treatment type, as compared to Table FMP-10a.	N/A	N/A	N/A	(future assessment after plan implementation)
		See Table FMP-10a for projected renewal transitions	Achieve within +/- 5 of the percentage projected to be renewed to the target future forest unit, by harvested forest unit and broad treatment type, as compared to Table FMP-10a.						
10. Forest Values: To implement forestry operations in a manner that minimizes negative impacts on all identified resource users, and protects all identified values.	(10a) Percent of forest operation inspections in non-compliance, by activity and remedy type.	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)

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-10 ASSESSMENT OF OBJECTIVE ACHIEVEMENT

Strategic modelling projections based on: LTMD-07

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (by Plan End)	Projection			Assessment
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
11. Healthy Ecosystems: To maintain productivity of soil function, and to protect water quality and fisheries habitat where forest management activities occur in the Kenora Forest.	(11a) Compliance with management practices that prevent, minimize or mitigate site damage (% of inspections in non-compliance, by remedy type).	N/A	0% of FOIP compliance inspections reported (by remedy type) as non-compliant with management practices that prevent, mitigate or minimize site damage.	(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)
	(11b) 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 (by remedy type) as non-compliant with management practices activities that protect water quality and fish habitat.	(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)

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-10a ASSESSMENT OF OBJECTIVE ACHIEVEMENT (Indicator 9C)
Projected LTMD Post-Harvest Renewal Transitions by Forest Unit

Note: Only forest unit transitions >=5% are assessed for objective indicator achievement.

Harvested Forest Unit	Broad Treatment	Future Forest Unit:										
		BFM	CMX	HMX	HRD	PJD	PJM	POD	PRW	SBD	SBL	SBM
BFM	Natural	0.04	0.19	0.16	0.29	0.02	0.11	0.14	0.01	0.00	0.01	0.03
BFM	Plant	0.00	0.26	0.00	0.00	0.68	0.00	0.00	0.00	0.06	0.00	0.00
BFM	Seed	0.00	0.21	0.13	0.00	0.52	0.14	0.00	0.00	0.00	0.00	0.00
CMX	Natural	0.18	0.34	0.12	0.13	0.05	0.04	0.00	0.05	0.02	0.02	0.05
CMX	Plant	0.03	0.09	0.02	0.03	0.27	0.04	0.01	0.22	0.15	0.00	0.14
CMX	Seed	0.00	0.23	0.22	0.05	0.38	0.09	0.00	0.00	0.03	0.00	0.00
HMX	Natural	0.03	0.12	0.16	0.25	0.00	0.00	0.35	0.01	0.03	0.00	0.05
HMX	Plant	0.04	0.12	0.04	0.01	0.06	0.40	0.02	0.03	0.05	0.00	0.23
HMX	Seed											
HRD	Natural	0.02	0.14	0.09	0.15	0.14	0.06	0.36	0.01	0.00	0.00	0.03
HRD	Plant	0.08	0.12	0.00	0.02	0.23	0.03	0.00	0.18	0.16	0.00	0.18
HRD	Seed											
PJD	Natural	0.00	0.20	0.08	0.00	0.60	0.06	0.00	0.00	0.00	0.00	0.06
PJD	Plant	0.00	0.11	0.00	0.00	0.29	0.14	0.00	0.14	0.24	0.00	0.08
PJD	Seed	0.00	0.06	0.05	0.00	0.79	0.10	0.00	0.00	0.00	0.00	0.00
PJM	Natural	0.03	0.20	0.11	0.00	0.12	0.49	0.00	0.02	0.00	0.00	0.03
PJM	Plant	0.05	0.10	0.00	0.00	0.26	0.28	0.00	0.04	0.16	0.00	0.11
PJM	Seed	0.00	0.10	0.18	0.00	0.52	0.20	0.00	0.00	0.00	0.00	0.00
POD	Natural	0.00	0.00	0.09	0.06	0.00	0.00	0.85	0.00	0.00	0.00	0.00
POD	Plant	0.00	0.53	0.02	0.17	0.12	0.04	0.00	0.01	0.00	0.00	0.11
POD	Seed											
PRW	Natural	0.08	0.13	0.25	0.10	0.00	0.19	0.16	0.06	0.00	0.00	0.03
PRW	Plant	0.07	0.07	0.15	0.03	0.00	0.00	0.00	0.68	0.00	0.00	0.00
PRW	Seed											
SBD	Natural	0.00	0.20	0.05	0.00	0.03	0.07	0.00	0.00	0.25	0.00	0.40
SBD	Plant	0.00	0.05	0.00	0.00	0.04	0.10	0.00	0.01	0.50	0.00	0.30
SBD	Seed	0.00	0.05	0.00	0.00	0.15	0.75	0.00	0.00	0.00	0.00	0.05
SBL	Natural	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
SBL	Plant	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
SBL	Seed											
SBM	Natural	0.00	0.13	0.05	0.02	0.00	0.05	0.00	0.00	0.20	0.00	0.55
SBM	Plant	0.00	0.06	0.02	0.00	0.04	0.11	0.00	0.00	0.60	0.00	0.17
SBM	Seed	0.00	0.10	0.05	0.00	0.66	0.19	0.00	0.00	0.00	0.00	0.00

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		2012 FMP Code
<u>A01</u>	Archaeological Potential Areas	Same
<u>A02</u>	Cultural or Heritage Value	New
<u>C01</u>	Trap cabin	New
Indigenous Values		
<u>FN1</u>	First Nation Reserve	FL01
<u>I01</u>	Indigenous Values – Constructed Stone Features (Indigenous-made formations and arrangements of stone)	New
<u>I02</u>	Indigenous Values – Natural Stone Features (significant glacial erratics or groups of erratics, unique natural arrangement of large stone, rock faces and outcrops)	New
<u>I03</u>	Indigenous Values – Culturally Modified Trees (e.g. historical modification due to usage as trail markers, historic evidence indicating canoe making on Birch and Cedar)	New
<u>I04</u>	Indigenous Values – Historical Indigenous Camp (cultural gatherings, historical traditional hunting, fishing, and gathering locations)	New
<u>I05</u>	Indigenous Values – Material Gathering Sites (traditional gathering sites of medicinal plants, edible plants and craft materials)	New
<u>I06</u>	Indigenous Values – Indigenous Cultural Heritage Landscapes (historic or in current use including sacred and ceremonial sites, pictographs, petroglyphs, and significant landscape topography (may overlap areas of A01 or A02).	New
<u>I07</u>	Indigenous Value – Significant Indigenous Harvesting Area (important wildlife habitat features, important areas for harvesting)	New
Mammal Values and Dens		
<u>D01</u>	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)	Same
<u>D02</u>	Occupied Gray Fox Den	Same

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

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

<u>D03</u>	Occupied Cougar Den	Same
<u>D04</u>	Occupied Wolf or Coyote Den	Same
<u>D05</u>	Wolverine dens (natal and maternal dens)	New
<u>M01</u>	Mineral Lick (Natural mineral licks known or encountered during operation. Salt accumulated along roadways excluded.)	Same
<u>M02</u>	Caribou Calving and Nursery Areas (CNA)	New
<u>M03</u>	Moose Thermal Summer Patches	New
<u>M04</u>	Moose Winter Cover Stands	New
<u>M05</u>	Bat Hibernacula	B01
<u>M06</u>	Bat Roosting Site	B02
<u>M07</u>	White-tailed Deer Critical Thermal Cover	New
Bird & Other Nests		
<u>N01</u>	Bald Eagle primary nest	Same
<u>N02</u>	Bald Eagle inactive nest	N03
<u>N03</u>	Osprey primary nest	ON01
<u>N04</u>	Osprey inactive nest	ON03
<u>N05</u>	Active Great Blue Heron Colonies	BH01
<u>N06</u>	Inactive Great Blue Heron colonies	BH02
<u>N07</u>	Active colonies of Bonaparte's Gull	BG01
<u>N08</u>	Active bank swallow nest or colony	BS01
<u>N09</u>	Primary nest of great gray owl, northern goshawk or red- shouldered hawk	HO01
<u>N10</u>	Alternate nest of great gray owl, northern goshawk or red- shouldered hawk	HO02
<u>N11</u>	Inactive nest of great gray owl, northern goshawk or red- shouldered hawk	HO03
<u>N12</u>	Stick nests occupied by barred owl, broad-winged hawk, common raven, Cooper's hawk, great horned owl, long-eared owl, merlin, red-tailed hawk, or sharp-shinned hawk	NO01
<u>N13</u>	Nests/ communal roosts in cavities occupied by American kestrel, barred owl, boreal owl, eastern screech-owl, great horned owl, northern hawk owl, northern saw-whet owl or chimney swift	NO02

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

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

<u>N14</u>	Ground nests occupied by northern harrier, short-eared owl, or turkey vulture	NO03
<u>N15</u>	Whip-poor-will Nesting Sites	NO04
<u>N16</u>	Common Nighthawk Nesting Habitat	NH01
<u>N17</u>	Barn Swallow Nesting Sites	BS02
<u>N18</u>	Trumpeter Swan Nesting Sites	NE9
<u>N19</u>	Snapping Turtle – Nesting Habitat	New/Updated ST01
Protected Ownerships, Railroad & Transmission Corridors		
<u>HL1</u>	Hydro Line Right-of-Way	New
<u>NG1</u>	Natural Gas Transmission Pipeline	NG01
<u>PL1</u>	Patent Land and Land Use Permits	PL01
<u>PP1</u>	Provincial Park and Other Protected Areas	New
<u>RR1</u>	Railroad Right-of-Way	RR01
Research and Experimental Plots		
<u>RP1</u>	Research Trials and Tree Orchards	New
<u>RP2</u>	Permanent Growth Plots (PGP)	PGP01
<u>RP3</u>	Permanent Sample Plot (PSP)	New
<u>RP4</u>	Multi-species Inventory and Monitoring (MSIM) Plot	New
<u>RP5</u>	Temporary Sample Plots	New
Tourism & Recreation		
<u>T01</u>	Tourism – Aesthetics Along High Volume Tourism Lakes and Roads	TV01
<u>T02</u>	Tourism – Aesthetics Along High Volume Tourism Lakes and Roads	New/Updated TV02
<u>T03</u>	Tourism – Aesthetics Along High Volume Tourism Lakes	New/Updated TV03
<u>T04</u>	Tourism – Road Aesthetics	New
<u>Tar</u>	Tourism – High Volume Tourism Access Roads	New

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

<u>Tat</u>	Tourism – Access Trail	New/Updated TVatv
<u>Tcs</u>	Tourism – Identified Campsites	New
<u>Tmb</u>	Tourism - Land Use Policy G2550 – Access Restrictions and Protection of Remoteness	New
<u>Tnr</u>	Tourism – No Operational Roads Zone	New
<u>Tpt</u>	Tourism – Identified Portage Trail	New/Updated TVp
<u>Trd</u>	Tourism – Aesthetics Along Recreational Property Access Roads	New
<u>Tst</u>	Tourism – OFSC Trail	TVstr
<u>Tt1</u>	Tourism - Timing Restriction and Noise Concerns	TVcb
<u>Tt2</u>	Tourism – Noise Disturbance	TVm
<u>Tt3</u>	Tourism – South Narrows Lake	TVsnl
<u>Tt4</u>	Tourism – Timing Restriction	TVw
Water & Fish Habitat & Wetlands		
<u>W01</u>	Reserves on Large lakes, medium lakes, small lakes, rivers, ponds and streams; HPS or MPS (high or moderate potential sensitivity to forest management operations)	WL01
<u>W02</u>	Streams with low potential sensitivity to forest management operations (LPS streams)	WS02
<u>W03</u>	Ponds with low potential sensitivity to forest management operations (LPS Ponds)	WL02
<u>W04</u>	Modified cut to shore on Large lakes, Medium lakes, Small lakes; Ponds – HPS or MPS (high or moderate potential sensitivity to forest management operations)	WL03
<u>W05</u>	Modified cut to shore on Rivers, HPS or MPS (high or moderate potential sensitivity to forest management operations) Stream segments	WL04
<u>W06</u>	Wetlands occupied by breeding black terns, least bitterns, golden-winged warblers, horned grebes or yellow rails	WW01
<u>W07</u>	Provincially Significant Wetlands	New
<u>W08</u>	Identified Fish Spawning Areas	New
FMP-11.1	Potential Impact of Forest Management Activities	
FMP-11.2	Potential Impacts for Caribou Nursery Values	

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	Group	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>OR</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>OR</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>OR</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) then operations must immediately stop and district NDMNRF staff will be contacted as per the</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>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 NDMNRF 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. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
Conditions on Location, Construction or Use		Public Comment	Exception
Existing Road Crossings <ul style="list-style-type: none">• 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 by NDMNRF, and an archaeological assessment may be required.• 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 NDMNRF 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. New Road Crossings <ul style="list-style-type: none">• All new primary and branch roads, and associated landings, that are within archaeological potential areas require an archaeological assessment prior to construction.		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)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> • 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. • Minimize operational roads within archaeological potential areas where possible. • If there will be mineral soil disturbance, then there must be an archaeological assessment and the report's recommendation followed. • 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"> ○ Winter roads and landings constructed over packed snow and when ground is frozen (>20 cm) ○ 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 (>20 cm). ○ Minor alterations to the water course for culvert placement are allowed (e.g. removing a rock). 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 (>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. 		No	No
D. Forestry Aggregate Pits (Planned or Existing)			
Conditions on Location, Construction or Use			Exception
<ul style="list-style-type: none"> • No aggregate extraction is permitted. No new aggregate pits are 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		
A02	Group	Cultural or Heritage Values (known values)		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: 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. NDMNRF to map cultural heritage values and identify whether prescription 1) or 2) is to be applied. Prescriptions: Within each mapped area one of the following will be done: 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. OR 2) Harvest, renewal and tending is not permitted where trees are to be retained to protect the values; <ul style="list-style-type: none">a 200 m reserve measured from the center of the site where there is no established boundary, i.e. spiritual area, OR <ul style="list-style-type: none">a 10 m reserve measured from when there is a boundary of the site established, i.e. buildings, cemeteries. Marking the AOC boundaries of sites must be done using the same flagging as other AOC's		Forest Management Guide for Cultural Heritage Values (MNRF 2007) Section 3.4, 3.5. pp. 37-41 & 66-67	No

(back to AOC list)

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

<p>so as not to draw attention to the purpose of its establishment.</p> <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 Indigenous communities; Registrar of Cemeteries; and/or the provincial Cultural Heritage Specialist.</p>		
B. Primary Roads, Branch Roads, and Landings (Planned or Existing)		
Conditions on Location, Construction or Use	Public Comment	Exception
<p>Existing Road Crossings</p> <ul style="list-style-type: none"> 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 by NDMNRF, and an archaeological assessment may be required. 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 NDMNRF 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. <p>New Road Crossings</p> <ul style="list-style-type: none"> All new primary and branch roads, and associated landings, that are within archaeological potential areas require an archaeological assessment prior to construction. 	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)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> • 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. • Minimize operational roads within archaeological potential areas where possible. • If there will be mineral soil disturbance, then there must be an archaeological assessment and the report's recommendation followed. • 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"> ○ Winter roads and landings constructed over packed snow and when ground is frozen (>20 cm) ○ 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 (>20 cm). ○ Minor alterations to the water course for culvert placement are allowed (e.g. removing a rock). ○ 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 (>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. 		No	No
D. Forestry Aggregate Pits (Planned or Existing)			
Conditions on Location, Construction or Use			Exception
<ul style="list-style-type: none"> • No aggregate extraction is permitted. No new aggregate pits are permitted within the AOC. 			No

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

A OC ID	Group AOC	Description of Value		
<div>C01</div> <div>(back to AOC list)</div>	Group	Trap Cabin		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<div>Description: 30 m reserve centered on the trap cabin</div> <div>Prescription:<ul style="list-style-type: none">This prescription can be changed with prior written approval from individual trappers and subsequent notification of NDMNRF.Harvest, renewal and tending operations are not permitted within the AOC, unless harvesting has already taken place prior to the establishment of the AOC.</div>		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New roads and landings are not permitted within the AOCThere are no conditions on the use or maintenance of existing roads		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New roads and landings are not permitted within the AOC unless no feasible alternative is available.There are no conditions on the use or maintenance of existing roads.		No	No
	D. Forestry Aggregate Pits (Planned or Existing)			
	Conditions on Location, Construction or Use			Exception
	<ul style="list-style-type: none">New aggregate pits are not permitted within the AOC.Existing Aggregate pits that fall within the AOC will be rehabilitated and closed by the pit expiration date.			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		
FN1	Group	First Nation Reserve Land		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u></p> <ul style="list-style-type: none">60 metres AOC from boundary of First Nation Reserve land adjacent to allocated harvest blocks. <p><u>Prescriptions:</u></p> <p>Harvest, renewal and tending operations are permitted subject to the procedure below being implemented in the following order:</p> <ol style="list-style-type: none">1) If the property boundary had been previously established by a licensed 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.2) If there is an agreement with the First Nation 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.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 First Nation Reserve boundary will be checked against information provided by both NDMNRF and INAC. The more restrictive of the two boundaries will be used if agreement cannot be reached as to the proper boundary location. The size of the buffer will be no more than 60 metres wide, will be marked and will be determined by the forest operator's level of certainty regarding the true location of the property boundary. Regular harvest, renewal and tending operations are permitted outside of the marked reserve buffer.		Planning Team	No

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

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

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

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)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> Roads are allowed in AOC up to the railway right of way. No landings are permitted within the AOC No slash piles or chipper debris piles are allowed within the AOC. 	No	No
	C. Operational Roads and Landings (Planned or Existing)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> Refer to Section B 	No	No
	D. Forestry Aggregate Pits (Planned or Existing)		
	Conditions on Location, Construction or Use	Exception	
	<ul style="list-style-type: none"> No aggregate extraction is permitted. 	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>I01</div> <div>(back to AOC list)</div>	Group	Indigenous Values – Constructed Stone Features (Indigenous-made formations and arrangements of stone)		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p>Description: Total AOC Width: 50 m (measured from perimeter of the value)</p> <ul style="list-style-type: none">These values may occur singularly or in clusters.Indigenous community will provide the SFL with the contact person to help with identification and discuss forestry-related issues.NDMNRF will be informed of any agreements re: this AOC between the Indigenous community and SFL.NDMNRF will ensure the value is mapped. <p>Prescription: <u>0-30 m Reserve</u> (measured from the perimeter of the value)</p> <ul style="list-style-type: none">No harvest, renewal or tending operations are permitted. <p><u>31-50 m Modified</u> (measured from the perimeter of the value)</p> <ul style="list-style-type: none">Harvest, renewal and tending operations are permitted. <p>Additional Information:</p> <ul style="list-style-type: none">Any proposed deviation of this prescription will require documented approval by the Indigenous community, and notification to the NDMNRF.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new roads or landings within reserve.Existing road reconstruction must receive documented approval by Indigenous communities before work commences.Maintenance on existing roads is permitted.		No	No

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

**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)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none">No new roads or landings within reserveExisting road reconstruction must receive documented approval by Indigenous communities before work commences.Maintenance on existing roads is permitted.	No	No
	D. Forestry Aggregate Pits (Planned or Existing)		
	Conditions on Location, Construction or Use	Exception	
	<ul style="list-style-type: none">No aggregate extraction within the AOC without documented approval by the Indigenous community.	No	

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

A OC ID	Group AOC	Description of Value		
I02 (back to AOC list)	Group	Indigenous Values – Natural Stone Features (significant glacial erratics or groups of erratics, unique natural arrangement of large stone, rock faces and outcrops)		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p>Description:</p> <ul style="list-style-type: none">15 metres AOC (measured from the perimeter of the value)NDMNRF will ensure the value is mapped.Boundaries will be established by affected Indigenous community prior to commencing operations.If these values lie within areas of archaeological potential, archaeological resources may be associated with the location of the value. <p>Prescription:</p> <ul style="list-style-type: none">harvest, renewal or maintenance operations may occur in AOC based on consultation with affected Indigenous community.The degree of harvest, renewal or maintenance operations within the AOC will range from none (reserve) to normal operations (modified), depending on the above-mentioned consultation. <p>Additional Information:</p> <ul style="list-style-type: none">The indigenous community will provide the SFL with contact person to help with identification and to discuss forestry-related issues.NDMNRF will be informed of any agreements re: this AOC between the Indigenous community and SFL.Any proposed deviation of this prescription will require documented approval by the Indigenous community, and notification to the NDMNRF.		Planning Team	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)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> No new roads or landings within the AOC without documented approval of Indigenous community. Existing road reconstruction must receive documented approval by Indigenous communities before work commences. Maintenance on existing roads is permitted. 	No	No
	C. Operational Roads and Landings (Planned or Existing)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> No new roads or landings within the AOC without documented approval by the Indigenous community. Existing road reconstruction must receive documented approval by Indigenous communities before work commences. Maintenance on existing roads is permitted. 	No	No
	D. Forestry Aggregate Pits (Planned or Existing)		
	Conditions on Location, Construction or Use		Exception
	<ul style="list-style-type: none"> No aggregate extraction within the AOC without documented approval by the Indigenous community. 		No

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

A OC ID	Group AOC	Description of Value		
I03 (back to AOC list)	Group	Indigenous Values – Culturally Modified Trees (e.g. historical modification due to usage as trail markers, historic evidence indicating canoe making on Birch and Cedar)		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none">AOC width 10 m measured from outside perimeter of the valueThese values may occur singularly or in clusters.NDMNRF will ensure the value is mapped Prescription: <ul style="list-style-type: none">Reserve - No harvest, renewal or tending operations permitted in the AOC.No harvest equipment within AOC and avoid felling of trees towards the value Additional Information: <ul style="list-style-type: none">Indigenous community will provide the SFL with contact person to help with identification and discuss forestry-related issues.NDMNRF will be informed of any agreements between the Indigenous community and SFLAny proposed deviation of this prescription will require documented approval by the Indigenous community, and notification to the NDMNRF.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new roads or landings within reserve.Existing road reconstruction must receive documented approval by Indigenous communities before work commences.Maintenance on existing roads is permitted.		No	No

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

**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)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none">No new roads or landings within reserveExisting road reconstruction must receive documented approval by Indigenous communities before work commences.Maintenance on existing roads is permitted.	No	No
	D. Forestry Aggregate Pits (Planned or Existing)		
	Conditions on Location, Construction or Use	Exception	
	<ul style="list-style-type: none">No aggregate extraction within the AOC without documented approval by the Indigenous community.	No	

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

A OC ID	Group AOC	Description of Value		
I04 (back to AOC list)	Group	Indigenous Values – Historical Indigenous Camp (cultural gatherings, historical traditional hunting, fishing, and gathering locations)		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p>Description:</p> <ul style="list-style-type: none">100 m AOC measured from outside perimeter of the value.NDMNRF will ensure the value is mapped.Boundaries will be established by affected Indigenous community prior to commencing operations.These camps may range from a historically known site to a modern-day site with little sign of use and may have permanent, temporary or no structure on site. <p>Prescription:</p> <p><u>0-30 m:</u></p> <ul style="list-style-type: none">Reserve – no harvest, renewal or tending operations are permitted. <p><u>30-100 m:</u></p> <ul style="list-style-type: none">Modified - Harvest, renewal or maintenance operations can occur based on consultation with affected Indigenous community.The degree of harvest, renewal or maintenance operations within the modified area will range from none (reserve) to normal operations (modified), depending on the community consultation. <p><u>Additional Information:</u></p> <ul style="list-style-type: none">Indigenous community will provide the SFL with contact person to help with identification and to discuss forestry-related issues.NDMNRF will be informed of any agreements re: this AOC between the Indigenous community and SFL.Any proposed deviation of this prescription will require documented approval by the Indigenous community, and notification to the NDMNRF.Protection for Indigenous trap cabins will be developed by each trapper and SFL - SFL required to contact owner before operations commence.		Planning Team	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)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> No new roads or landings within the AOC without documented approval by the affected Indigenous community. Existing road reopening or reconstruction is permitted. Maintenance on existing roads is permitted. 	No	No
	C. Operational Roads and Landings (Planned or Existing)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> No new roads or landings within the AOC without documented approval by the affected Indigenous community. Existing road reopening or reconstruction is permitted. Maintenance on existing roads is permitted. 	No	No
	D. Forestry Aggregate Pits (Planned or Existing)		
	Conditions on Location, Construction or Use		Exception
	<ul style="list-style-type: none"> No aggregate extraction within the AOC without documented approval by the Indigenous community. 		No

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

A OC ID	Group AOC	Description of Value		
<div>I05</div> <div>(back to AOC list)</div>	Individual	Indigenous Values – Material Gathering Sites (traditional gathering sites of medicinal plants, edible plants and craft materials)		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p>Description: 30 m AOC measured from the perimeter of value</p> <ul style="list-style-type: none">These values may include species that are considered uncommon or rare or of high cultural significance and may be sensitive to certain operations.NDMNRF will ensure the value is mapped <p>Prescription:</p> <ul style="list-style-type: none">Reserve - No harvest, renewal or tending operations permitted in the AOC.No harvest equipment within modified and avoid felling of trees towards the value <p>Additional Information:</p> <ul style="list-style-type: none">Indigenous community will provide the SFL with the contact person to help with identification and discuss forestry-related issues.NDMNRF will be informed of any agreements re: this AOC between the Indigenous community and SFL.Any proposed deviation of this prescription will require documented approval by the Indigenous community, and notification to the NDMNRF.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new roads or landings within the AOC.Existing road reconstruction must receive documented approval by Indigenous communities before work commences.Maintenance on existing roads is permitted.		No	No

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

**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)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none">No new roads or landings within the AOC.Existing road reconstruction must receive documented approval by Indigenous communities before work commences.Maintenance on existing roads is permitted.	No	No
	D. Forestry Aggregate Pits (Planned or Existing)		
	Conditions on Location, Construction or Use	Exception	
	<ul style="list-style-type: none">No aggregate extraction within the AOC without documented approval by the Indigenous community.	No	

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

A OC ID	Group AOC	Description of Value		
I06 (back to AOC list)	Group	Indigenous Values – Indigenous Cultural Heritage Landscapes (historic or in current use including sacred and ceremonial sites, pictographs, petroglyphs, and significant landscape topography (may overlap areas of A01 or A02)).		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p>Description:</p> <ul style="list-style-type: none">100 m AOC measured from the perimeter of the valueNDMNRF will ensure the value is mapped.Where AOC I06 overlaps A01 or A02 areas, the more restrictive prescription will be applied. <p>Prescription:</p> <p><u>0-30 m measured from the perimeter of the value:</u></p> <ul style="list-style-type: none">Reserve – no harvest, renewal or tending operations are permitted <p><u>30-100 m measured from the perimeter of the value:</u></p> <ul style="list-style-type: none">Modified - The extent of protection and operating conditions will be determined through agreement between the SFL and the Indigenous community. <p>Additional Information:</p> <ul style="list-style-type: none">These values will be identified through Indigenous values collections studies and other sources of information.Indigenous community will provide the SFL with the contact person to help with identification and discuss forestry-related issues.NDMNRF will be informed of any agreements re: this AOC between the Indigenous community and SFL.Any proposed deviation of this prescription will require documented approval by the Indigenous community, and notification to the NDMNRF.		Planning Team	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)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> - No new roads or landings within the AOC without documented approval by the local Indigenous community. • Existing road reconstruction must receive documented approval by Indigenous communities before work commences. • Maintenance on existing roads is permitted. 	No	No
	C. Operational Roads and Landings (Planned or Existing)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> • No new roads or landings within the AOC. • Existing road reconstruction must receive documented approval by Indigenous communities before work commences. • Maintenance on existing roads is permitted. 	No	No
	D. Forestry Aggregate Pits (Planned or Existing)		
	Conditions on Location, Construction or Use		Exception
	<ul style="list-style-type: none"> • No aggregate extraction within the AOC without documented approval by the Indigenous community. 		No

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

A OC ID	Group AOC	Description of Value		
I07 (back to AOC list)	Group	Indigenous Value – Significant Indigenous Harvesting Area (important wildlife habitat features, important areas for harvesting)		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p>Description:</p> <ul style="list-style-type: none">AOC is a delineated polygon of the value as identified by Indigenous community.NDMNRF will ensure the value is mapped <p>Prescription:</p> <ul style="list-style-type: none">Harvest, renewal and tending operations are permitted.Modified operations in AOC may be based on when harvest can occur i.e. timing consideration. <p>Additional Information:</p> <ul style="list-style-type: none">As values information is generated by the Indigenous communities or where known values maybe negatively impacted by planned operations, communities will communicate the necessary details to the SFL and NDMNRF to ensure protectionSome values are sensitive and highly confidential; these will be communicated directly to the SFL during reviews of planned operationsIndigenous community will provide the SFL with the appropriate contact person to discuss forestry-related issues prior to operations occurring within the AOC.NDMNRF will be informed of any agreements re: this AOC between the Indigenous community and SFL.Any proposed deviation of this prescription will require documented approval by the Indigenous community, and notification to the NDMNRF.		Planning Team	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)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> No new roads or landings within the AOC without approval by the local Indigenous community. Existing road reconstruction must receive documented approval by Indigenous communities before work commences. Maintenance on existing roads is permitted. 	No	No
	C. Operational Roads and Landings (Planned or Existing)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> No new roads or landings within the AOC. Existing road reconstruction must receive documented approval by Indigenous communities before work commences. Maintenance on existing roads is permitted. 	No	No
	D. Forestry Aggregate Pits (Planned or Existing)		
	Conditions on Location, Construction or Use		Exception
	<ul style="list-style-type: none"> No aggregate extraction within the AOC without documented approval by the Indigenous community. 		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		
D01 (back to AOC list)	Group	Occupied Black Bear Den		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<u>Description:</u> Modified operations 100 m radius AOC centered on the den entrance. <u>Prescription:</u> <ul style="list-style-type: none">Regular harvest, renewal, and tending operations are permitted within the AOC subject to timing restrictions during the denning period (Oct. 15 to April 30).Dens known or suspected to contain one or more hibernating black bearsDirection applies to occupied dens known before, or found during, operations. <u>October 15 to April 30 (Denning Period)</u> <ul style="list-style-type: none">Harvest, renewal, and tending operations involving heavy equipment are not permitted within the AOC.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.Harvest, renewal and tending operations that do not involve heavy equipment are permitted after November 15.		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Pages 94-95.	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new road crossings or landings are permitted within 100 metres of occupied dens during the denning period (October 15 to April 30).Road construction and aggregate extraction are not permitted within the AOC during the denning period (October 15 to April 30).Hauling and road maintenance operations are not permitted within the AOC during the denning period (Oct. 15 to April 30), unless the road predates the den, is required for safety reasons or environmental protection.Outside the denning period, no restrictions on road construction or use.		No	No

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

**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)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none">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)		
	Conditions on Location, Construction or Use	Exception	
	<ul style="list-style-type: none">Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply)	No	

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

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

AOC ID	Group AOC	Description of Value		
D02 (back to AOC list)	Group	Occupied Gray 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 (MNR, 2010), Pages 95.	No
	Prescription: <ul style="list-style-type: none">Dens known or suspected to be occupied by gray foxes.Direction applies to dens known before, or found during, operations.			
	<u>April 15 to September 15 (Denning Period)</u> <ul style="list-style-type: none">Harvest, renewal, and tending operations are not permitted within the AOC during the denning period.			
	<u>September 16 to April 14 (Not Denning Period)</u> <ul style="list-style-type: none">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).			
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
<u>Denning Period April 15th to Sept 15th</u> <ul style="list-style-type: none">Road construction and aggregate extraction are not permitted within the AOC during the <i>denning period</i> (April 15 to Sept. 15).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.		No	No	

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

**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)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none">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)		
	Conditions on Location, Construction or Use	Exception	
	<ul style="list-style-type: none">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

AOC ID	Group AOC	Description of Value		
D03 (back to AOC list)	Group	Occupied Cougar Den		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u> 200 m radius AOC centered on the den entrance.</p> <p><u>Prescription:</u> <u>Denning Period (see below)</u> Harvest, renewal, and tending operations are not permitted within the AOC during the denning period.</p> <p>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.</p> <p><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</p>		<i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Pages 95-96.</i>	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<p><u>Denning Period:</u></p> <ul style="list-style-type: none">Road construction is not permitted within 200m of occupied dens.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. <p>Note: The denning period is potentially different for each occupied den encountered and is</p>		No	No

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

<p>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><u>Non- Denning Period:</u></p> <ul style="list-style-type: none"> No restrictions on road construction, maintenance or hauling operations. 		
C. Operational Roads and Landings (Planned or Existing)		
Conditions on Location, Construction or Use	Public Comment	Exception
<ul style="list-style-type: none"> No new roads or landings within 20m of the den entrance Refer to Section B: Primary Roads, Branch Roads and Landings for other conditions on construction or use (same conditions apply) 	No	No
D. Forestry Aggregate Pits (Planned or Existing)		
Conditions on Location, Construction or Use	Exception	
<ul style="list-style-type: none"> No new aggregate pits within 20m of the den entrance Refer to Section B: Primary Roads, Branch Roads and Landings for other 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

AOC ID	Group AOC	Description of Value		
D04	Group	Occupied Wolf or Coyote Den		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none">200m radius AOC centered on the den entrance.Suitable dens known or suspected to have been occupied by wolves or coyotes at least once within the past five years.Direction applies to dens known before or found during, operations. Prescription: <u>0–100 m from den entrance</u> <ul style="list-style-type: none">Harvest operations are not permitted.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 <60% relatively uniform canopy closure (canopy openings not to exceed individual tree crowns) are not permitted. All other renewal and tending operations are permitted. <u>101-200 m from den entrance. April 15-July 15 (Denning Period):</u> <ul style="list-style-type: none">Harvest, renewal, and tending operations are not permitted. <u>101-200 m from den entrance, July 16-April 14 (Outside of Denning Period):</u> <ul style="list-style-type: none">Harvest, renewal or tending operations permitted subject to residual pattern, wildlife trees and downed woody debris requirements (Plan text Section 4.2.2.2).		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 96-97.	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)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> New roads, landings, & aggregate pits are not permitted within the inner 100 m. Reasonable efforts will be made to avoid constructing new roads, landings, and aggregate pits within the outer 100 m of the AOC. When roads are constructed within the AOC, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance. <p><u>Denning Period April 15th to July 15th</u></p> <ul style="list-style-type: none"> Road construction and aggregate extraction are not permitted within 200 m of an occupied den during the denning period. 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. 		No	No
C. Operational Roads and Landings (Planned or Existing)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> 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)			
Conditions on Location, Construction or Use			Exception
<ul style="list-style-type: none"> 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

AOC ID	Group AOC	Description of Value		
<div>D05</div> <div>(back to AOC list)</div>	Group	Wolverine Den (natal and maternal dens)		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<div>Description:</div> <ul style="list-style-type: none">4 km radius from den entrance or as delineated by habitat.Dens known to have been occupied by a female wolverine within the past 10 years (unless documented as unoccupied for ≥ 3 consecutive years).Natal dens are used for parturition while maternal dens are used to raise kits, before weaning. <div>Prescription:</div> <div>When a female wolverine den is encountered, a den site management plan will be developed in consultation with NDMNRF Regional and District Biologists that outlines the extent and timing of harvest, renewal and tending operations acceptable within the AOC.</div> <div>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.</div>		<div>Forest Management Guide for Conserving Biodiversity as the Stand and Site Scales (MNRF, 2010), Section 4.3.7.1, Page 127</div>	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	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

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

**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)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	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)		
	Conditions on Location, Construction or Use	Exception	
	The den management plan will provide direction on planned or existing Forestry Aggregate Pits.	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>M01</div> <div>(back to AOC list)</div>	Group	Mineral Lick		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none">120 m reserve measured from the edge of woody vegetation averaging at least 2 m tall and with ≥25% canopy cover.Applies to natural mineral licks known or encountered during operation.Salt accumulated along roadways is excluded. Prescription: <ul style="list-style-type: none">No harvest, renewal, or tending operations are permitted within the AOC.		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)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new road crossings, landings or aggregate pits are permitted in the AOC.Operations associated with existing roads and aggregate pits are permitted in the AOC.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">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)			
	Conditions on Location, Construction or Use			Exception
	<ul style="list-style-type: none">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

AOCID	Group AOC	Description of Value		
M02	Group	Caribou Calving and Nursery Areas (CNA): Caribou calving and nursing areas are generalized features where caribou cows birth and rear their young during the spring, summer and early fall. These areas reflect biophysical features selected by cows to minimize predator encounters while still providing the essential resources required for survival and growth. Nursery areas are typically comprised of lakes and lake or wetland complexes dominated by fens and bogs; particularly those interspersed with upland “islands” and “peninsulas”.		
		A. Operational Prescriptions for Areas of Concern		
	Operational Prescription		Source	Exception
	<p>The calving and nursery area AOC is a modified operations zone, as mapped. This includes the calving and nursery area value and 1000 m from the edge of the nursery area value. Modified Operations Zone of AOC (calving and nursery area and 1000 m buffer around nursery area value, as mapped):</p> <ul style="list-style-type: none"> High or moderate impact operations (Table 11.2) are <u>not</u> permitted in the AOC during the timing restriction (restriction is May 1- August 15). Provisional activities (Table 11.2) <u>may be permitted</u> during the timing restriction with written permission from the District NDMNRF. <ul style="list-style-type: none"> Reasonable efforts will be made to limit the application of conditional activities within the AOC timing restriction. Low impact activities (Table 11.2) <u>are permitted</u> anytime within the AOC. 		Forest Management Guide for Boreal Landscapes, Section 3.5.2.1, Pages 51-53 & 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)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> Construction of Primary and Branch roads is permitted within the AOC outside of the timing restriction (restriction is May 1 - August 15). Where it is reasonable to do so, avoid new primary (permanent) roads within the AOC. Provisional activities (Table 11.2) <u>may be permitted</u> during the timing restriction with written permission from the District MNRF. Reasonable efforts will be made to limit the application of provisional activities. Landings associated with Primary and/or Branch roads <u>are permitted</u> within the AOC but should be minimized. Landing locations to be identified to the District NDMNRF prior to use. Low impact road-related activities (Table 11.2) <u>are permitted</u> at any time within the AOC. 		No	No
C. Operational Roads and Landings (Planned or Existing)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> Construction of operational roads, landings and harvest of road right-of-way <u>is permitted</u> within the AOC outside of the timing restriction (May 1 - August 15). <ul style="list-style-type: none"> Where feasible, road construction should be minimized and support increased normal skid distances, and winter road use. Landings associated with operational roads <u>are permitted</u> within the AOC but should be minimized. Landing locations to be identified to the District NDMNRF prior to use. Provisional activities (Table 11.2) <u>may be permitted</u> during the timing restriction with written permission from the District NDMNRF. <ul style="list-style-type: none"> Reasonable efforts will be made to limit the application of provisional activities. Low impact activities (Table 11.2) <u>are permitted</u> any time within the AOC. 		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)		
	Conditions on Location, Construction or Use	Exception
	<ul style="list-style-type: none">The use of existing aggregate pits <u>is permitted</u> outside of the timing restriction (restriction is May 1 - August 15).<ul style="list-style-type: none">Low potential impact operations associated with established forestry aggregate pits (Table 11.2) <u>are permitted</u> during the timing restriction.The establishment and use of new aggregate pits <u>is permitted</u> outside the timing restriction (restriction is May 1 - August 15).<ul style="list-style-type: none">Reasonable efforts will be made to limit the establishment of new aggregate pits within the AOC.New aggregate pit locations within the AOC are to be identified to the District NDMNRF prior to use.	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>M03</div> <div>(back to AOC list)</div>	Group	Moose Summer Thermal Patch		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<div>Description:</div> <ul style="list-style-type: none">Reserve as mapped <div>Prescription:</div> <ul style="list-style-type: none">No harvest renewal or tending operations permittedRenewal, and tending operations are permitted in previously harvested areasReturn harvest of these patches may be considered in future FMP's		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 30-31	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new primary or branch roads, nor landings are permitted within the AOC unless conditions (e.g. terrain) forces construction of a primary or branch road inside the AOC. If so, the following conditions apply:<ul style="list-style-type: none">If a primary or branch road must be built within the AOC, NDMNRF District Biologist for the Kenora Forest will be contacted prior to construction and written permission obtained.Operations associated with existing roads are permitted in the AOC.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new operational roads, nor landings are permitted within the AOC unless conditions (e.g. terrain) forces construction of a primary or branch road inside the AOC. If so, the following conditions apply:<ul style="list-style-type: none">If an operational road must be built within the AOC, NDMNRF District Biologist for the Kenora Forest will be contacted prior to construction and written permission obtained.Operations associated with existing roads are permitted in the AOC.		No	No

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

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

	D. Forestry Aggregate Pits (Planned or Existing)	
	Conditions on Location, Construction or Use	Exception
	<ul style="list-style-type: none">• No new aggregate pits are permitted in the AOC.• Operations associated with existing aggregate pits are permitted in the AOC.	No

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

	Group AOC	Description of Value		
<div>M04</div> <div>(back to AOC list)</div>	Group	Moose Winter Cover Stands		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<div>Description:</div> <ul style="list-style-type: none">Reserve as mappedStands 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 management plan. <div>Prescription:</div> <ul style="list-style-type: none">No harvest renewal or tending operations permittedRenewal, and tending operations are permitted in previously harvested areasReturn harvest of these patches may be considered in future FMP's.		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Pages 31-32	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new primary or branch roads, nor landings are permitted within the AOC unless conditions (e.g. terrain) forces construction of a primary or branch road inside the AOC. If so, the following conditions apply:<ul style="list-style-type: none">If a primary or branch road must be built within the AOC, NDMNRF District Biologist for the Kenora Forest will be contacted prior to construction and written permission obtained.Operations associated with existing roads are permitted in the AOC.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new operational roads, nor landings are permitted within the AOC unless conditions (e.g. terrain) forces construction of a primary or branch road inside the AOC. If so, the following conditions apply:		No	No

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

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

<ul style="list-style-type: none">○ If an operational road must be built within the AOC, NDMNRF District Biologist for the Kenora Forest will be contacted prior to construction and written permission obtained.• Operations associated with existing roads are permitted in the AOC.		
D. Forestry Aggregate Pits (Planned or Existing)		
Conditions on Location, Construction or Use		Exception
<ul style="list-style-type: none">• No new aggregate pits are permitted in the AOC.• Operations associated with existing aggregate pits are 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		
M05 (back to AOC list)	Group	Bat Hibernacula		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none">Hibernacula known to be suitable and to have been used at least once within the past 20 years200 m radius AOC centered on the entrance to the hibernaculum.Hibernation and Associated Entrance/Emergence Period is September 1st to May 30th Prescription: <u>0–100 m from hibernaculum entrance</u> <ul style="list-style-type: none">Harvest, renewal and tending operations are not permitted. <u>101-200 m from hibernaculum entrance, During Hibernation and Associated Entrance/Emergence Periods):</u> <ul style="list-style-type: none">Harvest, renewal, and tending operations involving heavy equipment are not permitted. <u>101-200 m from hibernaculum entrance, outside of hibernation and Associated Entrance/Emergence Period (May 31st to Aug. 31st):</u> <ul style="list-style-type: none">Harvest, renewal and tending operations that retain residual forest are permitted.		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)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New roads, landings, and aggregate pits are not permitted within the inner 100 m of the AOC.Reasonable efforts will be made to avoid constructing new roads, landings, and aggregate pits within the outer 100 m of the AOC.When roads are constructed within the AOC, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance.		No	No

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

<p><u>September 1st to May 30th (During Hibernation and Associated Entrance/Emergence Periods)</u></p> <ul style="list-style-type: none"> Road construction and aggregate extraction are not permitted in the AOC. 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. 		
C. Operational Roads and Landings (Planned or Existing)		
Conditions on Location, Construction or Use	Public Comment	Exception
<ul style="list-style-type: none"> 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)		
Conditions on Location, Construction or Use		Exception
<ul style="list-style-type: none"> 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

AOC ID	Group AOC	Description of Value		
<div>M06</div> <div>(back to AOC list)</div>	Group	Bat Roosting Site		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<div>Description:</div> <ul style="list-style-type: none">Trees or other natural features presumed to be occupied by roosting female bats with pups.A 60 metres radius AOC centered on the bat roosting site <div>Prescription:</div> <ul style="list-style-type: none">No harvest, renewal, and tending operations are permitted within the AOC.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.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New roads crossings and landings are not permitted within the AOC.There are no conditions on the use of existing roads.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New roads crossings and landings are not permitted within the AOC.There are no conditions on the use of existing roads.		No	No
	D. Forestry Aggregate Pits (Planned or Existing)			
	Conditions on Location, Construction or Use			Exception
	<ul style="list-style-type: none">New aggregate pits are not permitted within the AOC.There are no conditions on the use of existing aggregate pits.			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		
M07 (back to AOC list)	Group	White-Tailed Deer Critical Thermal Cover		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<u>Description:</u> <ul style="list-style-type: none">Reserve as mappedStands or parts of stands required to meet cover to cover requirements in Deer Winter Concentration Areas identified within Deer Emphasis Areas will be identified and maintained using this AOC. Identification and maintenance of Deer Winter Cover Stands has been done at the operational planning stage of the forest management plan. <u>Prescription:</u> <ul style="list-style-type: none">No harvest renewal or tending operations permittedRenewal, and tending operations are permitted in previously harvested areasReturn harvest of these patches may be considered in future FMP's.		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 189-191	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">•No new primary or branch roads, nor landings are permitted within the AOC unless conditions (e.g. terrain) forces construction of a primary or branch road inside the AOC. If so, the following conditions apply:<ul style="list-style-type: none">○ If a primary or branch road must be built within the AOC, NDMNRF District Biologist for the Kenora Forest will be contacted prior to construction and written permission obtained.• Operations associated with existing roads are permitted in the AOC.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">•No new operational roads, nor landings are permitted within the AOC unless conditions (e.g. terrain) forces construction of a primary or branch road inside the AOC. If so, the following conditions apply:		No	No

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

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

	<ul style="list-style-type: none">If an operational road must be built within the AOC, NDMNRF District Biologist for the Kenora Forest will be contacted prior to construction and written permission obtained.		
	D. Forestry Aggregate Pits (Planned or Existing)		
	Conditions on Location, Construction or Use		Exception
	<ul style="list-style-type: none">No new aggregate pits are permitted in the AOC.Operations associated with existing aggregate pits are 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		
N01 (back to AOC list)	Group	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">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 years400 metres radius centered on primary nest <p><u>Prescription:</u> The critical breeding period for bald eagles is February 15 to August 31.</p> <p>BALD EAGLE NEST IDENTIFIED PRIOR TO OPERATIONS:</p> <p><u>0-200 m from primary nest</u></p> <ul style="list-style-type: none">Harvest is not permitted within 200 m of a primary nest. <p><u>201-400 m from primary nest</u></p> <p>Critical breeding period and the nest is <u>occupied</u>:</p> <ul style="list-style-type: none">Harvest and renewal and tending operations that are within the “high potential impact” category (see Tables FMP-11.1 and 11.2) are not permitted within 201-400 m of occupied primary nests during the critical breeding period.Operations categorized in Table FMP-11.1 and FMP-11.2 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. <p>Critical breeding period and nest is <u>not occupied</u>, or <u>outside of critical breeding period</u>:</p> <ul style="list-style-type: none">Harvest, renewal or tending operations are permitted subject to residual pattern and wildlife trees and downed woody material requirements.		<p><i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 64-66.</i></p>	No

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

- 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 favoured 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 and 11.2) 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 favoured 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">• 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 favoured when available. <p><u>201 – 400m from primary nest</u></p> <p>A) During the critical breeding period and the nest is <u>occupied</u>:</p> <ul style="list-style-type: none">• 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 and moderate impact operations (see FMP-11.1 and 11.2) are permitted subject to wildlife tree and downed woody material requirements. <p>B) During the critical breeding period and nest is <u>not occupied</u>, or <u>outside critical breeding period</u>:</p> <ul style="list-style-type: none">• Harvest, renewal or tending operations are permitted 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 favoured when available.		
B. Primary Roads, Branch Roads, and Landings (Planned or Existing)		
Conditions on Location, Construction or Use	Public Comment	Exception
<ul style="list-style-type: none">• New roads, landings and aggregate pits are not permitted within 200 metres of a primary nest• 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.• When roads are constructed within the AOC, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance.• Operations associated with existing roads, landings and aggregate pits are not	No	No

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

<p>permitted within 100-400 metres of occupied nests during the critical breeding period (Feb. 15 – August 31) for moderate or high potential activities (FMP-11.1), unless required for safety reasons or environmental protection.</p> <ul style="list-style-type: none"> There is no timing restriction on hauling or low potential impact road maintenance operations (e.g. grading) if the road predates the nest. 		
C. Operational Roads and Landings (Planned or Existing)		
Conditions on Location, Construction or Use	Public Comment	Exception
<ul style="list-style-type: none"> 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)		
Conditions on Location, Construction or Use		Exception
<ul style="list-style-type: none"> 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

AOC ID	Group AOC	Description of Value		
<div>N02</div> <div>(back to AOC list)</div>	Group	Bald Eagle Inactive Nest		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<div>Definition:</div> <ul style="list-style-type: none">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 >=3 consecutive years.100 metres radius centered on primary nest <div>Prescription:</div> <ul style="list-style-type: none">Harvest is not permitted in the AOC.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.		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)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New roads, landings and aggregate pits are not permitted within the AOCNo timing restriction associated with existing roads, landings or aggregate pits.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">Refer to Section B		No	No
	D. Forestry Aggregate Pits (Planned or Existing)			
	Conditions on Location, Construction or Use			Exception
	<ul style="list-style-type: none">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		
N03 (back to AOC list)	Group	Osprey Primary Nest Identified Prior to Operations, or Discovered During Operations, (see definition below)		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p>Definition: Osprey Primary Nests (AOC N03) 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 inactive (AOC N04).</p> <p>Operational Prescription</p> <ul style="list-style-type: none">• 300 m radius AOC centred on primary nests.• The critical breeding period for osprey is April 15 to August 31. <p>OSPREY NEST IDENTIFIED PRIOR TO OPERATIONS:</p> <p><u>0-150 m from nest</u> Harvest is not permitted at any time. If the nest is not occupied, or it is outside of the critical breeding period:</p> <ul style="list-style-type: none">• 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. <p>If the nest is occupied and it is during the critical breeding period:</p> <ul style="list-style-type: none">• Only “low potential impact” renewal and tending activities (see Tables FMP-11.1 and 11.2) are allowed 75-150 m from the nest in previously harvested areas.• All renewal and tending operations within 75-150 metres of the nest are subject to wildlife trees and downed woody material requirements outlined in FMP text Section 4.2.2.2. <p><u>151-300 m from nest</u> Harvest, renewal and tending operations that will leave a residual stand structure below the minimum described below are not permitted.</p>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Pages 68-69.	No

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

	<p>Critical breeding period and nest is occupied: Harvest and renewal and tending operations that are within the “high potential impact” category (see Tables FMP- 11.1 and 11.2) 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.</p> <p>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 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.</p> <p>OSPREY NEST DISCOVERED DURING OPERATIONS BUT AFTER HARVEST HAS OCCURRED WITHIN 150 METRES OF NEST: <u>0-150 m from nest</u> 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.</p> <p>If the nest is not occupied, or it is outside of the critical breeding period:</p> <ul style="list-style-type: none"> • 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. <p>If the nest is occupied and it is during the critical breeding period:</p>		
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**FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS
AND FORESTRY AGGREGATE PITS**

	<ul style="list-style-type: none">• Only “low potential impact” renewal and tending activities (see Tables FMP-11.1 and 11.2) 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. <p><u>151-300 m from nest (<i>outside of additional patch described above</i>)</u> Harvest, renewal and tending operations that will leave a residual stand structure below the minimum described below are not permitted.</p> <p>Critical breeding period and nest is occupied: Harvest and renewal and tending operations that are within the “high potential impact” category (see Tables FMP-11.1 and 11.2) 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.</p> <p>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.</p>		
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FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

(back to AOC list)	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> • New roads, landings and aggregate pits are not permitted within 150 metres of a primary nest. • 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. • When roads are constructed within the AOC, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance. • Operations associated with existing 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 and 11.2), 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. 	No	No
	C. Operational Roads and Landings (Planned or Existing)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> • 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)		
	Conditions on Location, Construction or Use	Exception	
	<ul style="list-style-type: none"> • 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

AOC ID	Group AOC	Description of Value		
<div>N04</div> <div>(back to AOC list)</div>	Group	Osprey Inactive Nest		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<div>Definition:</div> <ul style="list-style-type: none">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 >=3 consecutive years.75 metres radius centered on inactive nest. <div>Prescription:</div> <div>0-75 m from nest</div> <ul style="list-style-type: none">No harvest is permitted.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.		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)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New roads, landings and aggregate pits are not permitted within the AOC.No timing restriction on operations associated with existing roads, landings and aggregate pits within the AOC.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">Refer to Section B		No	No
	D. Forestry Aggregate Pits (Planned or Existing)			
	Conditions on Location, Construction or Use			Exception
	<ul style="list-style-type: none">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		
N05	Group	Active Great Blue Heron Colonies (see definition below)		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p>Definition:</p> <ul style="list-style-type: none">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 yearsSmall heron colonies (<4 occupied nests) known or suspected to have been occupied at least once within the past 5 years, unless documented as unoccupied for ≥3 yearsThe critical breeding period for great blue heron is April 1 to August 15300 m radius AOC measured from peripheral nests <p>Prescription:</p> <p>Critical breeding period and nest(s) is occupied:</p> <ul style="list-style-type: none">Within 300m of <u>large, occupied colonies</u> (≥4 occupied nests), harvest is not permitted.<ul style="list-style-type: none">Renewal and tending operations that are within the “high potential impact” category (see Tables FMP-11.1 and 11.2) are not permitted within 300 m of active colonies.Renewal and tending operations categorized as “moderate potential impact” are not allowed within 150 m of active colonies.Renewal and tending operations categorized as “low potential impact” are not allowed within 75 m of active colonies.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“If the area mapped is further than 300m from the colony, “high potential impact” activities (see Tables FMP 11.1 and 11.2) are not permitted during the breeding season. This is applied only in special circumstances when the sensitivity of the colony may be impacted by several sources at the same time.”Within 150m from <u>small, occupied colonies</u> (<4 occupied nests), harvest is not		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Pages 73-74.	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

(back to AOC list)	<p>permitted.</p> <ul style="list-style-type: none"> Only “low potential impact” renewal and tending activities (see Tables FMP-11.1 and 11.2) are allowed >75-150 metres from the nest in previously harvested areas. All renewal and tending operations within 75-150 metres of the nest are subject to wildlife trees and downed woody material requirements outlined in Section 4.2.2.2 of the FMP. Normal harvest, renewal and tending operations are permitted 151-300 m from small, occupied colonies. <p>Critical breeding period and nest is not occupied, or outside of critical breeding period:</p> <ul style="list-style-type: none"> Renewal and tending activities are permitted in previously harvested areas subject to wildlife tree and downed woody material requirements. 		
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)		
	<p>Conditions on Location, Construction or Use</p> <ul style="list-style-type: none"> New roads, landings and aggregate pits are not permitted within 150 metres of colonies. 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. 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. Operations associated with new and existing 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 and 11.2), 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. 	Public Comment	Exception
		No	No

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

**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)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	• Refer to Section B	No	No
	D. Forestry Aggregate Pits (Planned or Existing)		
	Conditions on Location, Construction or Use	Exception	
	• 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		
N06 (back to AOC list)	Group	Inactive Great Blue Heron Colonies		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Definition:</u></p> <ul style="list-style-type: none">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.Small colonies (< 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.30 m radius AOC measured from peripheral nests. <p><u>Prescription:</u></p> <ul style="list-style-type: none">Harvest is not permitted within the AOC.<ul style="list-style-type: none">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.		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)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">Reasonable efforts will be made to avoid constructing new roads within the AOC.New landings are not permitted within the AOC.No timing restriction on operations associated with existing roads, landings, and aggregate pits within the AOC.		No	No

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

**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)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	• Refer to Section B	No	No
	D. Forestry Aggregate Pits (Planned or Existing)		
	Conditions on Location, Construction or Use	Exception	
	• New aggregate pits are not permitted within the AOC. • No timing restriction on operations associated with existing aggregate pits 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		
N07 (back to AOC list)	Group	Active colonies of Bonaparte's Gull		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Definition:</u></p> <ul style="list-style-type: none">Known or suspected to have been occupied at least once within the past 5 years (unless documented as unoccupied for ≥3 consecutive years).150 m radius measured from peripheral nestsThe critical breeding period for colonies of Bonaparte's gull is May 1 to August 31.Direction applies to colonies known before, or found during, operations. <p><u>Prescription:</u></p> <p><u>During Critical Breeding Period</u></p> <ul style="list-style-type: none">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 and 11.2) <p><u>Outside Critical Breeding Period or if Nest is Not Occupied</u></p> <ul style="list-style-type: none">Harvest, renewal and tending operations are not permitted within 75 m from nest.Harvest, renewal, and tending operations are permitted within 76-150 m from nest, under the following conditions:<ul style="list-style-type: none">Renewal and tending operations are permitted in previously harvested areas.Wildlife trees and downed woody material will be retained within harvested portions of the AOC as per CROs in Section 4.2.2.2.		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Pages 75-76.	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)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> New roads, landings or aggregate pits are not permitted in the AOC. Operations associated with existing roads, landings, and aggregate pits are not permitted within 40-150 m (see FMP 11.1 and 11.2) of active nests during critical breeding season, unless required for safety reasons or environmental protection. There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the colony. 		No	No
C. Operational Roads and Landings (Planned or Existing)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> Refer to Section B 		No	No
D. Forestry Aggregate Pits (Planned or Existing)			
Conditions on Location, Construction or Use			Exception
<ul style="list-style-type: none"> 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 (back to AOC list)	Group	Active bank swallow nest or colony		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<u>Description:</u> <ul style="list-style-type: none">Known or suspected to have been occupied at least once within the past 5 years, unless documented as unoccupied for >=3 consecutive years50 m radius AOC measured from peripheral nestsThe critical breeding period for bank swallows is May 1 to July 31Direction applies to colonies known before or found during, operations. <u>Prescriptions:</u> <p>Critical Breeding Period and the Nests are Occupied:</p> <ul style="list-style-type: none">Harvest, renewal and tending operations that are within the “high potential impact” category (see Tables FMP-11.1 and 11.2) are not permitted within the AOC.Renewal and tending operations categorized as “moderate potential impact” are allowed between 25-50 m of occupied nests.Renewal and tending operations categorized in as “low potential impact” are allowed between 10-50 m of occupied nests. <p>Outside the Critical Breeding Period; or Within the Critical Breeding Period and the Nests are Not Occupied:</p> <ul style="list-style-type: none">Regular harvest, renewal and tending operations are permitted within the AOC.		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Page 76-77.	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)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> No new road crossings or landings are permitted in the AOC. Operations associated with new and existing roads, landings, and aggregate pits are not permitted within 10-50 m of <i>occupied</i> nests within colonies during the <i>critical breeding period</i> based on potential impact (see Tables FMP-11.1 and 11.2), unless required for safety reasons or environmental protection. There is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the colony. Aggregate extraction is permitted within the AOC outside critical breeding period. 		No	No
C. Operational Roads and Landings (Planned or Existing)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> Refer to Section B 		No	No
D. Forestry Aggregate Pits (Planned or Existing)			
Conditions on Location, Construction or Use			Exception
<ul style="list-style-type: none"> 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		
N09 (back to AOC list)	Group	Primary nests of great gray 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">Primary Nests (AOC N09) 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 inactive (AOC N11). When ≥2 active nests occur in sufficiently close proximity to be considered part of the nesting area of an individual pair, the nest with the most recent known or suspected history of occupancy within this nesting area is the primary nest (AOC N09); the other active nest(s) is(are) considered alternate nest(s) (AOC N10). 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.400 m radius AOC centered on primary nests.The critical breeding period for great gray owl, northern goshawk and red-shouldered hawk is March 15 to July 15. <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><u>0-300 m from primary nest</u> Critical Breeding Period and the nest is occupied:</p> <ul style="list-style-type: none">No harvest is permitted. If harvest occurred prior to discovery of the nest, see below.Renewal and tending operations that are within the “high potential impact” category (see Tables FMP-11.1 and 11.2) 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.Renewal and tending operations categorized as “low potential impact” are not allowed within 50 m of occupied primary nests.		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"> 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. <p>Outside of Critical Breeding Period; or Critical Breeding Period and the nest is not occupied:</p> <ul style="list-style-type: none"> No harvest is permitted. If harvest occurred prior to discovery of the nest, see below. 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. <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"> 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. 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. 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). <p><u>300 – 400 m from nest (or outside of the additional 28 ha area, as above):</u> Harvest, renewal or tending operations are permitted subject to residual pattern (See Note 2 above), wildlife trees and downed woody material requirements.</p>		
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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)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> New roads, landing and aggregate pits are not permitted within 50 metres of a primary nest or within the 0.8 ha patch of suitable habitat retained within 200 metres of a primary nest. 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. Operations associated with new and existing roads and landings are not permitted within 50-200 metres of an occupied nest during the critical breeding period (<u>March 15th – July 15th</u>) based on potential impact (refer to FMP-11.1 and 11.2), 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. 		No	No
C. Operational Roads and Landings (Planned or Existing)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> 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)			
Conditions on Location, Construction or Use			Exception
<ul style="list-style-type: none"> 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

AOC ID	Group AOC	Description of Value		
N10 (back to AOC list)	Group	Alternate nests of great gray owl, northern goshawk, or red- shouldered hawk (see definition below)		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Definition:</u></p> <ul style="list-style-type: none">• Alternate nests (AOC N10) 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 N09) unless the nest and all associated nests within the nesting area have been documented as unoccupied for ≥3 consecutive years, in which case the nest is considered inactive (AOC N11).• 50 m radius AOC centred on alternate nests. <p><u>Prescription:</u></p> <ul style="list-style-type: none">• 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">• Harvest is to stop immediately upon discovery of the nest and no further harvest is permitted.• The alternate nest will be retained in a 0.8 ha unharvested patch that is as nearly circular as possible (to minimize edge).• 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.		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Pages 80-81.	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)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none">• New roads, landings and aggregate pits are not permitted within the AOC.• No timing restriction on operations associated with existing roads, landings and aggregate pits.	No	No
	C. Operational Roads and Landings (Planned or Existing)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none">• 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)		
	Conditions on Location, Construction or Use		Exception
	<ul style="list-style-type: none">• 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

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

AOC ID	Group AOC	Description of Value																																																
N12	Group	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																																													
	<p><u>Definition:</u></p> <ul style="list-style-type: none">Nests known or suspected to be occupied.Direction applies to nests known before, or found during, operations. Refer to CROs FMP Section 4.2.2.2 for unoccupied stick nests.10-200 m radius AOC as mapped centered on the occupied nest based on species as shown in Table A below. <p><u>Prescription:</u></p> <p><u>During the critical breeding period when the nest is occupied</u></p> <ul style="list-style-type: none">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 and 11.2).Table A below shows the timing restriction to be applied and the critical breeding period for each species: <p>Table A:</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>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><tr><td>Broad-winged hawk</td><td>100</td><td>April 1 to July 31</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	Broad-winged hawk	100	April 1 to July 31	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																																													
Broad-winged hawk	100	April 1 to July 31	100 m	50 m	25 m																																													

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

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 (≥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)

Conditions on Location, Construction or Use	Public Comment	Exception
<ul style="list-style-type: none">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.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 necessary specific locations will be identified in the AWS.Reasonable efforts will be made to avoid constructing new roads, landings, and aggregate pits within 20 m of inactive nests.No timing restriction on operations associated with new or existing roads, landings, and	No	No

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

	<p>aggregate pits around inactive nests.</p> <ul style="list-style-type: none"> Operations associated with operational roads, landings and aggregate pits are not permitted within 10-200 m of occupied nests during the critical breeding period (refer to Table A above for species specific critical breeding periods) based on potential impact (refer to FMP-11.1 and 11.2) and species 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. 		
(back to AOC list)	C. Operational Roads and Landings (Planned or Existing)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> 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)		
	Conditions on Location, Construction or Use	Exception	
	<ul style="list-style-type: none"> 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

AOC ID	Group AOC	Description of Value																																																												
N13	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, northern saw-whet owl or Chimney Swift.																																																												
	A. Operational Prescriptions for Areas of Concern																																																													
	Operational Prescription			Source	Exception																																																									
	<p><u>Description:</u></p> <ul style="list-style-type: none">Nests/communal roosts in cavities known or suspected to be occupied.Direction applies to nests known before, or found during, operations.Refer to CROs FMP Section 4.2.2.2 for unoccupied nests/communal roosts in cavities.25-100 m radius AOC as mapped based on species as shown in Table A below: <p><u>Prescription:</u></p> <p><u>During the critical breeding period when the nest is occupied:</u></p> <ul style="list-style-type: none">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 and 11.2). Table A below shows the timing restriction to be applied and the critical breeding period for each species: <p>Table A:</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 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>Chimney Swift</td><td>50</td><td>May 1 to Sept. 30</td><td>50 m</td><td>25 m</td><td>10 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 owl	25	March 15 to July 15	25 m	10 m	0 m	Chimney Swift	50	May 1 to Sept. 30	50 m	25 m	10 m	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 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 owl	25	March 15 to July 15	25 m	10 m	0 m																																																									
Chimney Swift	50	May 1 to Sept. 30	50 m	25 m	10 m																																																									

(back to AOC list)

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

	<p><u>Outside of the critical breeding period</u></p> <ul style="list-style-type: none">Regular harvesting, renewal and tending can occur within the AOC subject to the following conditions as defined by species (Table B): <p>Table B:</p> <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, chimney swift</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, chimney swift	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, chimney swift	The nest/communal roost tree will be retained in an unharvested residual patch (≥20 m radius) (may be counted as residual forest).								
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)								
	Conditions on Location, Construction or Use	Public Comment	Exception						
	<ul style="list-style-type: none">New roads and landings will not be constructed within 20 m of nests/communal roosts of the barred owl or great horned owl.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.Operations associated with new and existing 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 and 11.2) 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.	No	No						

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

**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)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none">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)		
	Conditions on Location, Construction or Use	Exception	
	<ul style="list-style-type: none">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

AOC ID	Group AOC	Description of Value																																		
N14 (back to AOC list)	Group	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">50-150 m AOC as mapped based on species as shown in Table A below: Table A: <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">Regular harvest, renewal, and tending operations are permitted with timing restrictions (see Table B below), as per impacts described in Tables FMP-11.1 and 11.2. Table B: <table><tr><th rowspan="2">Species</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>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) Timing Restriction During Critical Breeding Period if Nest is Occupied			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 (MNRF, 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) Timing Restriction During Critical Breeding Period if Nest is Occupied																																		
		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																																

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)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> No new road crossings or landings are permitted in the AOC during the critical breeding period. Operations associated with new and existing 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. However, there is no timing restriction on hauling or low potential impact road maintenance operations (e.g., grading) if the road predates the nest. 		No	No
C. Operational Roads and Landings (Planned or Existing)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> 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)			
Conditions on Location, Construction or Use			Exception
<ul style="list-style-type: none"> 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

AOC ID	Group AOC	Description of Value		
N15	Group	Whip-poor-will Nesting Site		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u></p> <ul style="list-style-type: none">Upon discovery of a whip-poor-will nesting site, the local NDMNRF biologist will be notified so that they can confirm the species using the nesting site.The critical breeding period for Whip-poor-will is May 1st to August 14th. <p><u>Prescription:</u></p> <p>The dimension of the AOC is one of the following configurations based on level of available information: (1) a 314 m metre radius (31 ha circle) AOC centered on an identified breeding territory; or (2) a 314m radius centered on the nest should it be identified; or (3) where the breeding territory area and dimensions are verified, a custom-shaped (irregular boundary) AOC of 31 to 35 ha may be delineated by the NDMNRF District Management Biologist. In the course of operations, should a new whip-poor-will nest site be identified, operations are to cease if within 314m of the nest, and the NDMNRF District Management Biologist will be notified so that the value can be verified, and the new AOC dimension created, or if within an existing AOC the dimension will be adjusted. Nest searches in or around the breeding territory during the critical breeding period are not recommended due to the risk of damage to the nest or harm/harassment of nestlings and adults.</p> <p>The critical breeding period for Eastern Whip-poor-will is May 1st to August 14th.</p> <p>During the critical breeding period:</p> <ul style="list-style-type: none">The following operations are not permitted: Harvest operations, site preparation, thinning operations, mechanical and chemical tending.The following operations are permitted: tree planting, aerial seeding. <p>Outside the critical breeding period:</p> <ul style="list-style-type: none">All harvest, renewal and tending operations are permitted within the AOC.Harvest patterns within the AOC become part of the surrounding landscape with		Planning Team	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

	<p>adherence to the FMP's requirements for mapped and unmapped residual forest.</p> <ul style="list-style-type: none"> Forest residual mapped or unmapped within or adjacent should be composed of upland forest units whenever possible, to provide nesting forest cover patches in future years. <p><u>Note:</u> Nest searches are not encouraged due to sensitivity of eggs and/or offspring.</p>		
B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use	Public Comment	Exception
<p>During the critical breeding period May 1 – August 14:</p> <ul style="list-style-type: none"> The following operations are not permitted: road construction, and creation of new landings. The following operations are permitted: road maintenance, hauling on and use of existing roads, and use of existing landings. To the extent practicable and feasible, conduct operations associated with existing roads and landings during daylight hours. <p>Outside the critical breeding period, there are no restrictions.</p>	No	No	
C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use	Public Comment	Exception
<p>During the critical breeding period May 1 – August 14:</p> <ul style="list-style-type: none"> The following operations are not permitted: road construction, and creation of new landings. The following operations are permitted: road maintenance, hauling on and use of existing roads, and use of existing landings. To the extent practicable and feasible, conduct operations associated with existing roads and landings during daylight hours. <p>Outside the critical breeding period there are no restrictions.</p>	No	No	

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

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

D. Forestry Aggregate Pits (Planned or Existing)	
Conditions on Location, Construction or Use	Exception
<p>During the critical breeding period May 1 – August 14:</p> <ul style="list-style-type: none">• The following operations are not permitted: creation of new aggregate pits.• The following operations are permitted: operation of existing aggregate pits within areas already cleared of standing mature forest. <p>Outside the critical breeding period there are no restrictions.</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		
N16 (back to AOC list)	YES	Common Nighthawk Nesting Habitat		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u></p> <ul style="list-style-type: none">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.The dimensions of the AOC are as mapped.The AOC is comprised solely of a Modified Operations Area.Occupied habitat can be defined by identifying nesting or suspected breeding individuals.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 NDMNRF. <p><u>Prescription:</u></p> <ul style="list-style-type: none">No harvest, renewal, or tending that utilizes machinery during June 1 and July 31* (e.g. mechanical site preparation).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).Where feasible, aerial chemical tending will be completed as late in the season as possible. <p>* Dates may be modified based on review by NDMNRF.</p>		Planning Team	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)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> New roads and landings are not permitted to be constructed within the AOC during June or July 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. If possible, roads with known nests will not be used until the nest has hatched and the chicks are mobile. 		No	No
C. Operational Roads and Landings (Planned or Existing)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> 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)			
Conditions on Location, Construction or Use			Exception
<ul style="list-style-type: none"> Aggregate extraction is not permitted in June or July. 			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>(back to AOC list)</div>	Group	Barn Swallow Nesting Sites		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<ul style="list-style-type: none">Not applicable.Conditions on roads, landings and forestry aggregate pits only. Refer to section B and C below .The critical breeding period for barn swallows is May 1 to August 31		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">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 NDMNRF District Management Biologist as soon as it is identified. The Company will work with the NDMNRF District Management Biologist to address respective Barn Swallow nesting occurrences.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">Refer to Section B.		No	No
	D. Forestry Aggregate Pits (Planned or Existing)			
	Conditions on Location, Construction or Use			Exception
	<ul style="list-style-type: none">No conditions applied to aggregate pits.			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																	
N18 (back to AOC list)	Group	Trumpeter Swan Nesting Site																	
	A. Operational Prescriptions for Areas of Concern																		
	Operational Prescription		Source	Exception															
	<p><u>Description:</u></p> <ul style="list-style-type: none">120 m AOC as mapped. <p><u>Prescription:</u></p> <p>The <u>reserve zone</u> is measured from the standing timber bordering a water feature with confirmed trumpeter swan nesting activity. The reserve zone is 30-90 metres in width based on slope as follows:</p> <table><thead><tr><th><u>Slope (%)</u></th><th><u>Slope Angle (degrees)</u></th><th><u>Width of AOC</u></th></tr></thead><tbody><tr><td>0 - 15</td><td>0 - 8.5</td><td>30 m</td></tr><tr><td>>15 - 30</td><td>8.6 – 16.7</td><td>50 m</td></tr><tr><td>>30 - 45</td><td>16.8 – 24.2</td><td>70 m</td></tr><tr><td>> 45</td><td>> 24.2</td><td>90 m</td></tr></tbody></table> <p>The reserve zone includes all shorelands within view from the nest, but may be applied to all shorelands of the water feature. No forest management operations are permitted within the reserve zone.</p> <p>The <u>modified zone</u> is measured from the high water mark of a water feature with confirmed trumpeter swan nesting activity, and extends 120 metres inland. The modified zone includes all shorelands within view from the nest, but may also be applied to all shorelands of the water feature. The following restrictions apply in the modified zone:</p> <ul style="list-style-type: none">Harvesting, mechanical site preparation, and aerial spray operations are not permitted between April 15th and August 15th.Between April 15th and August 15th, tree planting is permitted but limited to one (1) crew of four (4) planters and ATV use is to be kept to a minimum. Tree caches are to be located as far from the nest as possible.		<u>Slope (%)</u>	<u>Slope Angle (degrees)</u>	<u>Width of AOC</u>	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
	<u>Slope (%)</u>	<u>Slope Angle (degrees)</u>	<u>Width of AOC</u>																
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																	

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)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> New primary roads, branch roads and landings are not permitted to be constructed within the AOC. 	No	No
	C. Operational Roads and Landings (Planned or Existing)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> Within the AOC, no new operational roads are permitted within 30 m of the high water mark. No water crossings or landings are permitted in the AOC. 	No	No
	D. Forestry Aggregate Pits (Planned or Existing)		
	Conditions on Location, Construction or Use	Exception	
	<ul style="list-style-type: none"> New 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>N19</div> <div>(back to AOC list)</div>	Group	Snapping Turtle – Nesting Habitat		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	30 METRE NO HARVEST RESERVE with TIMING RESTRICTION		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (p120), Planning Team	No
	30 metre radius reserve. <ul style="list-style-type: none">Harvest, renewal tending operations are not permitted within the AOC.			
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	No new roads or landings permitted within the AOC. For all existing primary and branch roads - See conditions in Part C. <ul style="list-style-type: none">See Part C.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new roads or landings permitted within the AOC.Road maintenance operations on existing roads that disturb the roadbed (except when required for safety reasons or environmental protection) are not permitted within the AOC from June 1 to September 30.No road decommissioning, including water crossing work, during the nesting period (June 1 to September 30).		No	No
	D. Forestry Aggregate Pits (Planned or Existing)			
	Conditions on Location, Construction or Use			Exception
	<ul style="list-style-type: none">No new aggregate pits permitted within the AOC. Aggregate extraction not permitted on existing pits within the AOC from June 1 to September 30.			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>HL1</div> <div>(back to AOC list)</div>	Group	Hydro Line Right-of-Way		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<div>Description:</div> <ul style="list-style-type: none">Modified operations within the 30 metre AOC, as measured from the edge of transmission right-of-way: <div>Prescription:</div> <ul style="list-style-type: none">Equipment is not permitted within the transmission line right-of-way, unless obtained written permission from Hydro One Networks Inc.All standing merchantable timber and snag trees (e.g. seed trees, residual wildlife trees) are to be removed within the AOC.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.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.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.Renewal and tending activities are permitted in the AOC. <div>Contact Information:</div> <div>Hydro One Emergency 1-800-434-1235</div> <div>Transmission Corridor Maintenance1-888-664-9376</div> <div>One Call (https://www.on1call.com/)</div>		Planning Team (in consultation with Hydro One)	No

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

(back to AOC list)	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> 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. <p>Contact Information: Hydro One Emergency 1-800-434-1235 Transmission Corridor Maintenance 1-888-664-9376 One Call (https://www.on1call.com/)</p>	No	No
	C. Operational Roads and Landings (Planned or Existing)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> Refer to Section B 	No	No
	D. Forestry Aggregate Pits (Planned or Existing)		
	Conditions on Location, Construction or Use		Exception
	<ul style="list-style-type: none"> 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		
NG1	Group	Natural Gas Transmission Pipeline		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p>Description:</p> <ul style="list-style-type: none">30-metres from the TC Energy natural gas transmission pipeline right-of-way, anti-corrosion wires, or associated facilities. <p>Prescription:</p> <ul style="list-style-type: none">Notify TC Energy a minimum of 1 week PRIOR to commencement of operations adjacent to, on or across pipelines and associated facilities.Use the TC Energy Crossing Application portal at https://pi-iaqforms.tcenergy.com/Runtime/Runtime/Form/Welcome.Form/Meet with a TC Energy Representative, as requiredNo 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.Any ¾ tons and smaller vehicles are permitted to cross the pipeline as long as there is no site impact and the crossings are infrequent in nature.All forest management activities are permitted.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.Contact the TC Energy Representative if a felled tree has fallen onto any associated facility and follow their instructions.Any contact with the pipe, pipe coating, or associated facilities must be reported to <p>TC Energy Emergency Number 1-888-982-7222</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

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

B. Primary Roads, Branch Roads, and Landings (Planned or Existing)		
Conditions on Location, Construction or Use	Public Comment	Exception
<ul style="list-style-type: none">• 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.• Notify TC Energy a minimum of 1 week PRIOR to commencement of operations adjacent to, on or across pipelines and associated facilities.• Use the TC Energy Crossing Application portal at https://pi-iaqforms.tcenergy.com/Runtime/Runtime/Form/Welcome.Form/• 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.		No
C. Operational Roads and Landings (Planned or Existing)		
Conditions on Location, Construction or Use	Public Comment	Exception
<ul style="list-style-type: none">• Refer to Section B	No	No
D. Forestry Aggregate Pits (Planned or Existing)		
Conditions on Location, Construction or Use		Exception
<ul style="list-style-type: none">• Aggregate pits are not permitted within the AOC.• 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.		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		
PL1	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">AOC width is 30 metres from the boundary of mapped patent land adjacent to allocated harvest blocks.The distance can be changed based on negotiations with landowner or land use permit holder. <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">If the boundary had been previously established by a licensed 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.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.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 certainty regarding the true location of the boundary.The landowner will be notified and provided details, if any are required. <p>Regular harvest, renewal and tending operations are permitted outside of the marked reserve buffer.</p> <p>NDMNRF procedure FOR 05_01_04 will be applied.</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. Primary Roads, Branch Roads, and Landings (Planned or Existing)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> Roads and landings are allowed in AOC up to the established harvest boundary. No roads are permitted between the harvest boundary and the patent land without the permission of the patent landowner. 	No	No
	C. Operational Roads and Landings (Planned or Existing)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> Operational road crossings are allowed with a maximum right-of-way width of 20 metres. 	No	No
	D. Forestry Aggregate Pits (Planned or Existing)		
	Conditions on Location, Construction or Use		Exception
	<ul style="list-style-type: none"> No new aggregate pits are permitted. 		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		
PP1	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">30 metre 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). <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">1) If the boundary had been previously established by a licensed 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.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.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 certainty regarding the true location of the boundary. <p>Regular harvest, renewal and tending operations are permitted outside of the marked reserve buffer.</p> <p>NDMNRF procedure FOR 05_01_04 will be applied.</p>		Planning Team (Provided by Ontario Parks)	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)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> No new roads, landings or pits are permitted within the AOC unless terrain conditions prevent access. 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. 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). No restrictions on existing roads in the AOC. 		No	No
C. Operational Roads and Landings (Planned or Existing)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> No operational roads or landings are permitted in the AOC. 		No	No
D. Forestry Aggregate Pits (Planned or Existing)			
Conditions on Location, Construction or Use			Exception
<ul style="list-style-type: none"> No aggregate extraction is permitted. No new aggregate pits are permitted. 			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>RR1</div> <div>(back to AOC list)</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">50 metres AOC from railway right of way <div>Prescriptions:</div> <ul style="list-style-type: none">Harvesting permitted within AOC. Trees to be felled away from tracksNo residual trees to be left standing within AOCNo landings permitted within AOCNo slash piles or chipper debris piles within AOCAll forest management activities permitted		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">Roads are allowed in AOC up to the railway right of way.No landings are permitted within the AOCNo slash piles or chipper debris piles are allowed within the AOC		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">Refer to Section B		No	No
	D. Forestry Aggregate Pits (Planned or Existing)			
	Conditions on Location, Construction or Use			Exception
	<ul style="list-style-type: none">No aggregate extraction is permitted.			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>RP1</div> <div>(back to AOC list)</div>	Group	Research Trials and Tree Orchards																				
	A. Operational Prescriptions for Areas of Concern																					
	Operational Prescription					Source	Exception															
	<div>Description:</div> <div><div><div>Variable AOC widths as described in the research project plan or table below</div><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 – Minnisabie</td><td>Clonal – Sb</td><td>Permanent</td><td>No-Cut</td><td>10m</td></tr><tr><td>Seed Orchard – Fifth Creek</td><td>Clonal – Pj</td><td>Permanent</td><td>No-Cut</td><td>10m</td></tr></table></div><div>Prescription:</div><div><div>A reserve width based on the table above will be applied from the perimeter of the trial/orchard.</div><div>Regular orchard work and data collection will not require AWS approval.</div></div></div>					Research Trial / Tree Orchard	Research plot name	Plot type	Protection	AOC Width	Seed Orchard – Minnisabie	Clonal – Sb	Permanent	No-Cut	10m	Seed Orchard – Fifth Creek	Clonal – Pj	Permanent	No-Cut	10m	Planning Team	No
	Research Trial / Tree Orchard	Research plot name	Plot type	Protection	AOC Width																	
	Seed Orchard – Minnisabie	Clonal – Sb	Permanent	No-Cut	10m																	
	Seed Orchard – Fifth Creek	Clonal – Pj	Permanent	No-Cut	10m																	
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)																					
	Conditions on Location, Construction or Use					Public Comment	Exception															
	<div><div>New crossings or landings are not permitted in the AOC.</div><div>Existing Road Use – no conditions apply</div></div>					No	No															
	C. Operational Roads and Landings (Planned or Existing)																					
	Conditions on Location, Construction or Use					Public Comment	Exception															
	<div><div>New crossings or landings are not permitted in the AOC.</div><div>Existing Road Use – no conditions apply</div></div>					No	No															
D. Forestry Aggregate Pits (Planned or Existing)																						
Conditions on Location, Construction or Use						Exception																
<div><div>Aggregate pits are not permitted in the AOC</div></div>						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		
RP2	Group	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: Full Protection</p> <ul style="list-style-type: none">No harvest, renewal or tending within Research Plot Protection area (polygon).Do not extend the AOC to include area on the opposite side of existing roads. <p>OR Research Plot Protection, Protection Prescription Ident: Full Protection - Negotiable A separate individual AOC must be developed and approved for any harvest, renewal or tending activities within a PGP AOC.</p> <p>The Growth & 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 NDMNRF Growth & Yield Program specialist will determine where and when this may occur. Permission to carry out such activities must be documented in writing by the NDMNRF Growth & 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 NDMNRF Growth & Yield Program specialist and District Management Forester for consideration of these activities in a PGP AOC:</p> <ol style="list-style-type: none">clearcut (in PGPs only), selection, or shelterwood harvest,commercial thinning harvest, ortending activities (e.g., herbicide application, pre-commercial thinning).		OMNR Growth and Yield Program PSP and PGP Reference Manual	No
			Forest Co-op Field Manual for the Location & Measurement of Permanent Growth Plots	
		MNRF Forest Productivity Science Specialist		

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

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

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

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)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	• New crossings or landings are not permitted in the AOC.	No	No
	C. Operational Roads and Landings (Planned or Existing)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	• New crossings or landings are not permitted in the AOC.	No	No
	D. Forestry Aggregate Pits (Planned or Existing)		
	Conditions on Location, Construction or Use		Exception
	• 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		
<div>RP3</div> <div>(back to AOC list)</div>	Group	Permanent Sample Plot (PSP)		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none">120 m radius AOC measured from the PSP center Prescription: <ul style="list-style-type: none">Harvest, renewal or tending are not permitted within a 120m radius measured from the PSP center (4.52ha)		OMNR Growth and Yield Program PSP and PGP Reference Manual 2009	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New crossings or landings are not permitted in the AOC.Existing Road Use – no conditions apply		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New crossings or landings are not permitted in the AOC.Existing Road Use – no conditions apply		No	No
	D. Forestry Aggregate Pits (Planned or Existing)			
	Conditions on Location, Construction or Use			Exception
<ul style="list-style-type: none">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		
RP4 (back to AOC list)	Group	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">1. A 1000 meters modified zone measured from the plot center, and;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.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.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. <p><u>Prescription:</u> Harvest, Renewal and/or Tending Operations:</p> <ul style="list-style-type: none">• Contact the Regional Wildlife Populations Specialist with the Biodiversity and Monitoring Section and District Management Forester prior to operations to determine if monitoring plot is active or inactive.• There are no conditions on tree planting and manual tending on any type of plot (active or inactive). <p>Inactive Plots:</p> <ul style="list-style-type: none">• 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. <p>Active Plots:</p> <ul style="list-style-type: none">• 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.• May 1 to September 15 – No operations may take place within the AOC unless other arrangements have been made with the WPWP specialist.		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. Primary Roads, Branch Roads, and Landings (Planned or Existing)		
Conditions on Location, Construction or Use	Public Comment	Exception
<ul style="list-style-type: none"> • Contact the Regional Wildlife Populations Specialist with the Biodiversity and Monitoring Section prior to operations to determine if monitoring plot is active or inactive. • There are no conditions on hauling or road maintenance on any type of plot (inactive or active). • New roads: <ul style="list-style-type: none"> - Inactive plots: New roads may be constructed in the AOC of inactive plots if reasonable efforts are made to ensure none of the plot infrastructure is within 15 m of the right-of-way. Notify the WPMP specialist if the marker posts or salamander grid are damaged. - Active plots: New roads may be constructed within the AOC of active plots if none of the plot infrastructure is within 15 m of the right-of-way. Construction can only take place from September 16 to April 30. 	No	No
C. Operational Roads and Landings (Planned or Existing)		
Conditions on Location, Construction or Use	Public Comment	Exception
<ul style="list-style-type: none"> • 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)		
Conditions on Location, Construction or Use	Exception	
<ul style="list-style-type: none"> • Contact the Regional Wildlife Populations Specialist with the Biodiversity and Monitoring Section prior to operations to determine if monitoring is active or inactive. • New aggregate pits: <ul style="list-style-type: none"> - 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. - Active plots: No new aggregate pits will be placed within 500 metres of any infrastructure. <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		
RP5 (back to AOC list)	Group	Temporary Sample Plot		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<u>Description:</u> <ul style="list-style-type: none">Mapped as a 50 metres modified AOC around the known location of the value. <u>Prescription:</u> <ul style="list-style-type: none">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).Normal harvest, renewal and tending to take place.Contact information is found in the shapefile information received from LIO.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No conditions apply to planned road construction, existing road use or maintenanceAgency / 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).		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No conditions apply to planned road construction, existing road use or maintenanceAgency / 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).		No	No

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

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

	D. Forestry Aggregate Pits (Planned or Existing)	
	Conditions on Location, Construction or Use	Exception
	<ul style="list-style-type: none">Aggregate pits are permitted in the AOCAgency / 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).	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>(back to AOC list)</div>	Group	Tourism - Aesthetics Along High Volume Tourism Lakes and Roads		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none">Identified tourism values, 90 m AOC measured from the edge of standing timber along the shoreline or the center of an existing road. Prescription: <ul style="list-style-type: none">No harvest, renewal and tending operations are permitted within the AOC.A single operational road is permitted to be constructed through the outer edge of the AOC (60m-90m) provided there is no safe alternative. Following operations, the road will be effectively decommissioned and regenerated.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new primary or branch roads are permitted within the AOC.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new operational roads are permitted within the AOC.		No	No
	D. Forestry Aggregate Pits (Planned or Existing)			
	Conditions on Location, Construction or Use			Exception
	<ul style="list-style-type: none">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>(back to AOC list)</div>	Group	Tourism - Aesthetics Along High Volume Tourism Lakes and Roads		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<div>Description:</div> <ul style="list-style-type: none">Identified tourism values, 120 m AOC measured from the edge of standing timber along the shoreline or the center of an existing road. <div>Prescription:</div> <ul style="list-style-type: none">No harvest, renewal and tending operations are permitted within the AOC.A single operational road is permitted to be constructed through the outer edge of the AOC (90m-120m) provided there is no safe alternative. Following operations, the road will be effectively decommissioned and regenerated.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new primary or branch roads are permitted within the AOC.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new operational roads are permitted within the AOC.		No	No
	D. Forestry Aggregate Pits (Planned or Existing)			
	Conditions on Location, Construction or Use			Exception
	<ul style="list-style-type: none">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>T03</div> <div>(back to AOC list)</div>	Group	Tourism - Aesthetics Along High Volume Tourism Lakes		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none">For large lakes associated with identified tourism values, 200 m AOC measured from the edge of standing timber along the shoreline. Prescription: <ul style="list-style-type: none">No harvest, renewal and tending operations are permitted within the AOC.A single operational road is permitted to be constructed through the outer edge of the AOC (150m-200m) provided there is no safe alternative. Following operations, the road will be effectively decommissioned and regenerated.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new primary or branch roads are permitted within the AOC.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new operational roads are permitted within the AOC.		No	No
	D. Forestry Aggregate Pits (Planned or Existing)			
	Conditions on Location, Construction or Use			Exception
	<ul style="list-style-type: none">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>T04</div> <div>(back to AOC list)</div>	Individual	Tourism – Road Aesthetics		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<div>Description:</div> <ul style="list-style-type: none">Identified tourism road values, 30 m AOC measured from the edge of the traveled existing road. <div>Prescription:</div> <div>No harvest, renewal or tending permitted in the AOC.</div>		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New roads are permitted to cross the AOC. Right of Way width will be kept to 20m or less.Landings are not permitted in the AOC.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New roads are permitted to cross the AOC. Right of Way width will be kept to 20m or less.Landings are not permitted in the AOC.		No	No
	D. Forestry Aggregate Pits (Planned or Existing)			
	Conditions on Location, Construction or Use			Exception
	<ul style="list-style-type: none">No new aggregate pits are 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		
Tar (back to AOC list)	Group	Tourism – High Volume Tourism Access Roads		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<u>Description:</u> <ul style="list-style-type: none">200-metre modified AOC applied adjacent to identified recreational property access roads.Applied as mapped <u>Prescription:</u> <ul style="list-style-type: none">Harvest, renewal and tending operations are permitted in the AOC.Slash piles are not permitted within the AOC.Red Pine or White Pine will be planted preferentially within the AOC post-harvest, where silviculturally appropriate.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">Existing primary and branch roads and landings have no conditions within this AOC.No new primary or branch roads, nor landings are permitted within the AOC unless conditions (e.g. terrain) forces construction of a primary or branch road inside the AOC. If so, the following conditions apply:<ul style="list-style-type: none">If a primary or branch road must be built within the AOC, NDMNRF District Forester for the Kenora Forest will be contacted prior to construction.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new operational roads, or landings are permitted within the AOC unless conditions (e.g. terrain) forces the construction of an operational road inside the AOC.All efforts will be made to locate new roads outside this AOC.Upon the completion of harvest any new operational roads and associated landings within the AOC will be effectively decommissioned, through site prepared where possible, and planted. The following condition also applies:		Yes	No

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

<ul style="list-style-type: none">○ If an operational road must be built within the modified AOC, the NDMNRF District Forester for the Kenora Forest will be contacted prior to construction.		
D. Forestry Aggregate Pits (Planned or Existing)		
Conditions on Location, Construction or Use		Exception
<ul style="list-style-type: none">• Aggregate pits will be avoided in the no roads buffer. If an aggregate pit is required, the road accessing the pit will be constructed to a low-standard, access will be controlled when the pit is not in use (but is still needed for adjacent active harvest operations), and the pit will be rehabilitated (i.e. sloped and planted) when adjacent harvesting operations are complete.		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>Tat</div> <div>(back to AOC list)</div>	Group	Tourism – Access Trail		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: For heavily used trail systems associated with identified tourism values, 15 m AOC measured from the edge of the trail centre line.		Planning Team	No
	Prescription: No harvest, renewal or tending permitted in the AOC.			
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	New roads are permitted to cross the AOC. Right-of-Way width will be kept to 20m or less. Landings are not permitted in the AOC.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	New roads are permitted to cross the AOC. Right-of-Way width will be kept to 20m or less. Landings are not permitted in the AOC.		No	No
	D. Forestry Aggregate Pits (Planned or Existing)			
	Conditions on Location, Construction or Use			Exception
• No new aggregate pits are 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>Tcs</div> <div>(back to AOC list)</div>	Group	Tourism – Identified Campsites		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none">50 metre AOC from the center point of the campsite or mapped group sites. Prescription: <ul style="list-style-type: none">No harvest, renewal or tending operations permitted within the AOC.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new primary or branch roads or landings are permitted within the AOC.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new operational roads are permitted within the AOC.		No	No
	D. Forestry Aggregate Pits (Planned or Existing)			
	Conditions on Location, Construction or Use			Exception
	<ul style="list-style-type: none">No new aggregate pits are 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		
Tmb (back to AOC list)	Group	Tourism – Land Use Policy G2550 – Access Restrictions and Protection of Remoteness		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<u>Description:</u> <ul style="list-style-type: none">As mapped, based on 500-metre modified AOC applied from where the road intersects the administrative boundary of the Kenora Forest Management Units (MU). <u>Prescription:</u> <ul style="list-style-type: none">Harvest, renewal and tending operations are permitted within the AOC.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new primary or branch roads permitted within the AOC except:<ul style="list-style-type: none">Where no practical or feasible alternatives exist to access planned allocations due to topography, natural features, or higher order value protection, the specific road location, justification of the road and associated conditions consistent with Land Use Policy direction and intent for the area will be included in the appropriate Supplemental Documentation or Plan Text and approved as part of the FMP planned corridors.Primary/branch roads may be established for short term/limited access to policy area G2550 from road networks on the adjacent Wabigoon Forest.Following the completion of harvesting activities, the road must be effectively decommissioning by physical barrier and the roadbed deconstruction, in discussion with the Kenora District Management Forester, using heavy equipment. The roadbed will be site prepared, where possible, and planted.Road signs are placed at the MU boundary to identify the restricted access to the area as per the Public Lands Act.		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"> ○ Unauthorized access is monitored and reported to the local district NDMNRF office. • Where unauthorized access is established from the road to lakes within the area of G2550, the Forest Management Company (i.e. Miisun) will work with the NDMNRF to effectively remove the unauthorized access in support of the current Land Use Policy direction and intent. 		
C. Operational Roads and Landings (Planned or Existing)		
Conditions on Location, Construction or Use	Public Comment	Exception
<ul style="list-style-type: none"> • No operational roads will be permitted within 200m of Management Unit boundary without prior consent from the Kenora District Management Forester for the Kenora Forest. If consent is provided, roads will be effectively decommissioned, site prepared where possible, and planted. • Roads established between 201 and 500m of the Management Unit boundary will be effectively decommissioned, site prepared where possible, and planted. • Unauthorized access is monitored and reported to the Kenora District office. • Where unauthorized access is established from the road to lakes within the area of G2550, the Forest Management Company (i.e. Miisun) will work with the NDMNRF to effectively remove the unauthorized access in support of the current Land Use Policy direction and intent. 	No	No
D. Forestry Aggregate Pits (Planned or Existing)		
Conditions on Location, Construction or Use	Exception	
<ul style="list-style-type: none"> • No new aggregate pits within 200m of Management Unit Boundary. • Aggregate pits will be avoided between 201 and 500m of the Management Unit Boundary. If an aggregate pit is required, the road accessing the pit will be constructed to a low-standard, access will be controlled when the pit is not in use (but may still needed for adjacent active harvest operations). The road accessing the pit will be effectively decommissioned (i.e. site prepared where possible and planted) and the pit itself will be effectively rehabilitated (i.e. sloped and planted) when adjacent harvesting operations are complete. 	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		
Tnr (back to AOC list)	Group	Tourism – No Operational Roads Zone		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none">200-metre modified AOC applied in addition to any adjacent shoreline AOC prescription.Applies as mapped Prescription: <ul style="list-style-type: none">All harvest, renewal and tending operations are permitted within the modified AOC.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">Existing primary or branch roads and landings have no conditions within this zone.200-metre “no roads zone” in addition to any adjacent shoreline AOC prescription. All efforts will be made to locate any new roads outside of this zone but if conditions (e.g. terrain) forces the construction of a new primary or branch road inside this zone the following two conditions will apply:<ul style="list-style-type: none">If a new branch or primary road must be built within the no roads zone, the distance of the road to the harvest areas edge will be kept to a minimum;If a new branch or primary road must be built within the no roads zone, NDMNRF will be notified via email prior to construction.No new landings are permitted within the modified AOC.		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)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> Existing operational roads and landings have no conditions within this zone. 200-metre “no roads zone” in addition to any adjacent shoreline AOC prescription. All efforts will be made to locate roads outside of this zone unless conditions (e.g. terrain) limits the construction of an operational road to inside the modified reserve. Upon the completion of harvest any new operational roads and associated landings within the no roads zone will be effectively decommissioned, through site prepared where possible, and planted. The following two conditions also apply: <ul style="list-style-type: none"> If an operational road must be built within the no roads zone, the distance of the road to the harvest areas edge will be kept to a minimum; If an operational road must be built within the no roads zone, NDMNRF will be notified via email prior to construction. No new landings are permitted within the modified AOC. 		Yes	No
D. Forestry Aggregate Pits (Planned or Existing)			
Conditions on Location, Construction or Use			Exception
<ul style="list-style-type: none"> Aggregate pits will be avoided in the no roads buffer. If an aggregate pit is required, the road accessing the pit will be constructed to a low-standard, access will be controlled when the pit is not in use (but is still needed for adjacent active harvest operations), and the pit will be rehabilitated (i.e. sloped and planted) when adjacent harvesting operations are complete. 			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		
Tpt (back to AOC list)	Group	Tourism – Identified Portage Trail		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u></p> <ul style="list-style-type: none">60-metre modified AOC, measured 30 metres on either side of the identified portage trail. <p><u>Prescription:</u></p> <ul style="list-style-type: none">Leave trees standing that are approximately <10 metres in height during harvest.Extraction trails will be minimized, where possible, however if required due to terrain or other operational conditions they will be located perpendicular to the trail.Within 5 metres of either side on the identified portage trail (immediately adjacent to the trail), no machine travel and no disturbance of mineral soil.No site preparation or regeneration on trails.Trails will not be ‘improved’ or established without prior written NDMNRF approval.Operators trails will be cleared of debris following operations.Operators will exercise due diligence in attempting to locate the trail. However, if the trail cannot be found on the ground, operators will approximate the location based on GPS co-ordinates and apply the prescription to that location. If this is not possible, NDMNRF will be notified, the value will be documented as missing, and the AOC will no longer apply. In this case, updated information on the operational prescription and the AWS map will be provided by the company to the NDMNRF district office, primarily for compliance monitoring. <p><u>Note:</u> when AOC Tpt overlaps an AOC with a more restrictive prescription, i.e. shoreline reserve, the more restrictive reserve will be implemented.</p> <p><u>Note:</u> During development of this AOC for the 2022 FMP, the planning team agreed to use this AOC to protect “canoe route” values where they went over land. As a result, occurrences of “canoe routes” over land will be labeled with Tpt on FMP and AWS maps. Where “canoe routes” go through lakes and streams AOCs, standard land/stream AOCs W01-W05 will apply unless an alternative shoreline AOC has been developed to encourage a perceived remote aesthetic (i.e. AOC T03, or other AOC).</p>		Planning Team	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)			
Conditions on Location, Construction or Use		Public Comment	Exception
<p>Primary and Branch Roads (and associated landings) are permitted to cross the trails under the following conditions:</p> <ul style="list-style-type: none"> • Primary or Branch roads will be located perpendicular to the trail. • Road construction personnel will attempt to construct the road in a way that will not impede use of the trail (i.e. to the extent possible based on local conditions avoid high, impassable ditches or ridges). • Where the trail 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 users to cross the road safely. Road layout personnel may choose to adjust the location of portions of the trail if terrain features prevent the safe and efficient protection of the existing route. • After construction, “portage crossing” signs will be established by the forest company at roadside as an additional safety feature. Signs will be placed approximately 150 m (500 feet) from the crossing on each approach. • Operators will exercise due diligence in attempting to locate the trail. However, if the trail cannot be found on the ground, operators may flag an approximate location based on GPS co-ordinates and apply the prescription to that location. If this is not possible, the NDMNRF will be notified, the value will be documented as missing, and the AOC will no longer apply. In this case, updated information on the operational prescription and the AWS map will be provided by the company to the NDMNRF Kenora District office, primarily for compliance monitoring. • Landings are not permitted in the AOC. 		Yes	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)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> Operational roads are permitted to cross the trails under the following conditions: <ul style="list-style-type: none"> Operational roads will be minimized, where possible, however if required due to terrain or other operational conditions they will be located perpendicular to the trail. Road construction personnel will attempt to construct the road in a way that will not impede use of the trail (i.e. to the extent possible based on local conditions avoid high, impassable ditches or ridges). Where the trail 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 users to cross the road safely. Road layout personnel may choose to adjust the location of portions of the trail if terrain features prevent the safe and efficient protection of the existing route. Operators will exercise due diligence in attempting to locate the trail. However, if the trail cannot be found on the ground, operators may flag an approximate location based on GPS co-ordinates and apply the prescription to that location. If this is not possible, the NDMNRF will be notified, the value will be documented as missing, and the AOC will no longer apply. In this case, updated information on the operational prescription and the AWS map will be provided by the company to the NDMNRF Kenora District office, primarily for compliance monitoring. Landings are not permitted in the AOC. 		No	No
D. Forestry Aggregate Pits (Planned or Existing)			
Conditions on Location, Construction or Use			Exception
<ul style="list-style-type: none"> No new aggregate pits are 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>Trd</div> <div>(back to AOC list)</div>	Individual	Tourism – Aesthetics Along Recreational Property Access Roads		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none">100-metre modified AOC applied adjacent to identified recreational property access roads.Applied as mapped Prescription: <ul style="list-style-type: none">Harvest, renewal and tending operations are permitted in the AOC.Slash piles are not permitted within the AOC.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">Existing primary and branch roads and landings have no conditions within this AOC.No new primary or branch roads, nor landings are permitted within the AOC unless conditions (e.g. terrain) forces construction of a primary or branch road inside the AOC. If so, the following conditions apply:<div>If a primary or branch road must be built within the AOC, NDMNRF District Forester for the Kenora Forest will be contacted prior to construction.</div>		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">No new operational roads, or landings are permitted within the AOC unless conditions (e.g. terrain) forces the construction of an operational road inside the AOC.All efforts will be made to locate new roads outside this AOC.Upon the completion of harvest any new operational roads and associated landings within the AOC will be effectively decommissioned, through site prepared where possible, and planted. The following condition also applies:<ul style="list-style-type: none">If an operational road must be built within the modified AOC, the NDMNRF District Forester for the Kenora Forest will be contacted prior to construction.		No	No

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

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

D. Forestry Aggregate Pits (Planned or Existing)		
	Conditions on Location, Construction or Use	Exception
	<ul style="list-style-type: none">Aggregate pits will be avoided in the no roads buffer. If an aggregate pit is required, the road accessing the pit will be constructed to a low-standard, access will be controlled when the pit is not in use (but is still needed for adjacent active harvest operations), and the pit will be rehabilitated (i.e. sloped and planted) when adjacent harvesting operations are complete.	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>Tst</div> <div>(back to AOC list)</div>	Individual	Tourism – OFSC Trail		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none">For OFCS Sunset Trail Riders trail system, 15 m AOC measured from the edge of the trail clearing. Prescription: No harvest, renewal or tending permitted in the AOC.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New roads are permitted to cross the AOC. Right of Way width will be kept to 20m or less.Landings are not permitted in the AOC.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New roads are permitted to cross the AOC. Right of Way width will be kept to 20m or less.Landings are not permitted in the AOC.		No	No
	D. Forestry Aggregate Pits (Planned or Existing)			
	Conditions on Location, Construction or Use			Exception
	<ul style="list-style-type: none">No new aggregate pits are 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>Tt1</div> <div>(back to AOC list)</div>	Group	Tourism - Timing Restriction		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none">AOC as mapped. Prescription: <u>May 15 – September 15:</u> <ul style="list-style-type: none">Seasonal restriction on road construction, harvest and mechanical site preparation. No restriction on timing of other low-noise renewal activities. <u>September 16 and May 14:</u> <ul style="list-style-type: none">All operations are permitted.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New and existing primary and branch roads are permitted within the AOC.May 15 – September 15 - Seasonal restriction on road construction.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New and existing operational roads are permitted within the AOC.May 15 – September 15 - Seasonal restriction on road construction.		No	No
	D. Forestry Aggregate Pits (Planned or Existing)			
	Conditions on Location, Construction or Use			Exception
	<ul style="list-style-type: none">New aggregate pits are 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		
Tt2 (back to AOC list)	Group	Tourism – Timing Restriction		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none">AOC as mapped. Prescription: <ul style="list-style-type: none">May 15 – September 15:<ul style="list-style-type: none">Seasonal restriction on night time and weekend road construction, harvest, haul and mechanical site preparation operations.No restriction on timing of other low-noise renewal activities.No timing restrictions on timing of other low-noise renewal activities such as planting, aerial seeding or ground tending.September 16 – May 14:<ul style="list-style-type: none">All harvest, renewal and tending operations are permitted.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New and existing primary and branch roads are permitted within the AOC.May 15 – September 15 - Seasonal restriction on night time and weekend road construction.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New and existing operational roads are permitted within the AOC.May 15 – September 15 - Seasonal restriction on night time and weekend road construction.		No	No
	D. Forestry Aggregate Pits (Planned or Existing)			
	Conditions on Location, Construction or Use			Exception
	<ul style="list-style-type: none">Aggregate pits are 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>Tt3</div> <div>(back to AOC list)</div>	Individual	Tourism – Timing Restriction		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none">AOC as mapped. Prescription: <ul style="list-style-type: none">May 1 – September 10:<ul style="list-style-type: none">Seasonal restriction on road construction, harvest, haul and mechanical site preparation operations.No timing restriction on other low-noise renewal activities such as planting, aerial seeding or ground tending.No chemical tending is to take place until the end of August.September 11 – April 11: All harvest, renewal and tending operations are permitted.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New and existing primary and branch roads are permitted within the AOC.May 1 – September 10 - Seasonal restriction on road construction.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New and existing operational roads are permitted within the AOC.May 11 – September 10 - Seasonal restriction on road construction.		No	No

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

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

	D. Forestry Aggregate Pits (Planned or Existing)	
	Conditions on Location, Construction or Use	Exception
	<ul style="list-style-type: none">Aggregate pits are permitted within the AOC.May 11 – September 10 - Seasonal restriction.	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>Tt4</div> <div>(back to AOC list)</div>	Individual	Tourism – Timing Restriction		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none">AOC as mapped. Prescription: <ul style="list-style-type: none"><u>May 1 – October 31:</u><ul style="list-style-type: none">Seasonal restriction on road construction, harvest, haul and mechanical site preparation operations.No timing restrictions on timing of other low-noise renewal activities such as planting, aerial seeding or ground tending.<u>November 1 – April 30:</u> All harvest, renewal and tending operations are permitted.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New and existing primary and branch roads are permitted within the AOC.May 1 – October 31 - Seasonal restriction on road construction.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	<ul style="list-style-type: none">New and existing primary and branch roads are permitted within the AOC.May 1 – October 31 - Seasonal restriction on road construction.		No	No
	D. Forestry Aggregate Pits (Planned or Existing)			
	Conditions on Location, Construction or Use			Exception
	<ul style="list-style-type: none">Aggregate pits are 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																	
W01	Group	Reserves on Large lakes, medium lakes, small lakes, rivers, ponds and streams; HPS or MPS (high or moderate potential sensitivity to forest management operations)																	
	A. Operational Prescriptions for Areas of Concern																		
	Operational Prescription		Source	Exception															
	Description: For all lakes, rivers, HPS streams, and HPS ponds variable 30-90 metres AOC based on slope as per the following criteria: <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>>15-30</td><td>8.6-16.7</td><td>50 m</td></tr><tr><td>>30-45</td><td>16.8-24.2</td><td>70 m</td></tr><tr><td>>45</td><td>>24.2</td><td>90 m</td></tr></table> For MPS ponds and MPS streams a 30 m AOC will be applied. <u>Prescription:</u> <ul style="list-style-type: none">The AOC is measured in the field from the edge of vegetation communities capable of providing an effective barrier to the movement of sediment. This will normally be those communities with >=25% canopy cover of trees, tall (>= 1 m high) woody shrubs such as alder or willow, or low (< 1 m high) woody evergreen shrubs such as Labrador tea or leatherleaf.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.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.No harvest, renewal or tending is permitted in the AOC except the clearing of road right-of-ways.		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

(back to AOC list)	<ul style="list-style-type: none"> All spray buffer zones for aerial or ground application will be measured from the edge of the vegetation communities capable of providing an effective barrier to the movement of sediment. 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>. Where ground application is: <ul style="list-style-type: none"> <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. Sensitive areas include wetlands, spawning areas, nursery areas, headwaters, sanctuaries, and stocked lakes. <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. If the product label dictates that application must be done following different restrictions than indicated here, the more conservative protocol will be applied. 		
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<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 no practical or feasible alternative exists, appropriate mitigative measures are taken to minimize the risk of sediment entering the water feature, and the road, including specific location, is identified and justified through the FMP AOC planning process (i.e. the FMP will be amended to identify the specific location and the mitigation required at that location).</p> <p>New or existing 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.</p>	No	No

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

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.

Where new roads or existing roads 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.

Existing Road Maintenance

- Refer to Part D of FMP Supp. Doc. I – Primary and Branch Roads Planning for conditions related to existing road maintenance activities.

Water Crossing Installation and Maintenance

- Refer to Section 7 of Supp. Doc. P of the FMP, for the conditions related to installation and maintenance of water crossings.

Decommissioning and Rehabilitation of Water Crossings

- Refer to Section 7 of Supp. Doc. P of the FMP, for the conditions related to decommissioning and rehabilitating of water crossings

C. Operational Roads and Landings (Planned or Existing)

Conditions on Location, Construction or Use	Public Comment	Exception
<ul style="list-style-type: none"> • 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)

Conditions on Location, Construction or Use	Exception
<ul style="list-style-type: none"> • 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		
W02	Group	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">15 m wide shoreline AOCAOC 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 (< 1m high) woody evergreen shrubs such as Labrador tea or leatherleaf. <p><u>Prescription:</u></p> <ul style="list-style-type: none">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">Machine travel within 3 m of the active channel (except at appropriate extraction trail crossings (see FMP-19).Excessive removal or damage of sapling-sized trees (<10 cm dbh) and shrubs within 3 m of the active channel.Felling of trees into streams or within 3 m of the active channel. Trees accidentally felled into streams will be left where they fall.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.No contamination of streams by foreign materials is permitted. Specifically,<ul style="list-style-type: none">The use of storage and fuels will be carried out in accordance with the <i>Liquid Fuels Handling Code</i>.No equipment maintenance (e.g. washing or changing oil) is permitted within 15m of the active channel.		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Page 53-54	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. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> 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. 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. Best Management Practices in the NDMNRF/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. New roads, not associated with an approved crossing, 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 Guide). 		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"> 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. 		
C. Operational Roads and Landings (Planned or Existing)		
Conditions on Location, Construction or Use	Public Comment	Exception
<ul style="list-style-type: none"> Operational roads are permitted within the AOC. New roads will not be located in the AOC unless no practical or feasible alternatives exist. Landings are not permitted within the AOC. 	No	No
D. Forestry Aggregate Pits (Planned or Existing)		
Conditions on Location, Construction or Use	Exception	
<ul style="list-style-type: none"> 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		
W03	Group	Ponds with low potential sensitivity to forest management operations (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">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 (< m high) woody evergreen shrubs such as Labrador tea or leatherleaf <p><u>Prescription:</u></p> <ul style="list-style-type: none">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">Machine travel within the inner 3 m of LPS pondsExcessive removal or damage of sapling-sized trees (< 10 cm dbh) and shrubs within 3 m of pondsFelling of trees into ponds or within 3m of ponds. Trees accidentally felled into ponds will be left where they fall.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.No contamination of ponds by foreign materials is permitted. Specifically,The use of storage and fuels will be carried out in accordance with the <i>Liquid Fuels Handling Code</i>.No equipment maintenance (e.g. washing or changing oil) is permitted within 15m of ponds.		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Page 44.	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)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> No new primary or branch roads are proposed. 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. Landings are not permitted within 15m of the pond. 		No	No
C. Operational Roads and Landings (Planned or Existing)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> 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. Landings are not permitted within 15m of the pond. 		No	No
D. Forestry Aggregate Pits (Planned or Existing)			
Conditions on Location, Construction or Use			Exception
<ul style="list-style-type: none"> 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											
W04	Group	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>>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">The AOC is measured in the field from the edge of vegetation communities capable of providing an effective barrier to the movement of sediment. This will normally be those communities with >=25% canopy cover of trees, tall (>= 1 m high) woody shrubs such as alder or willow, or low (< 1 m high) woody evergreen shrubs such as Labrador tea or leatherleaf.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.Harvest is permitted within the AOC subject to the following conditions:<ul style="list-style-type: none">Conventional clear cutting is permitted within the AOC <u>only where the slope is ≤30% (≤50 m width AOC).</u>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:		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.	No
	Slope (%)	Slope (degrees)	Width of AOC										
0-15	0-8.5	30 m											
>15-30	8.6-16.7	50 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"> ○ At least 15 m tall (or the tallest of those available). ○ Close to the shoreline (ideally within ½ the height of the tree). ○ Leaning toward the shoreline. ○ Coniferous 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. <ul style="list-style-type: none"> ● 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: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> ○ 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. ○ Disturbance of the forest floor that disrupts hydrological function (i.e., impedes, accelerates, or diverts water movement) within recognizable ephemeral streams, 		
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FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

<p>springs, seeps, and other areas of groundwater discharge connected to lakes or ponds.</p> <ul style="list-style-type: none"> • 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, <ul style="list-style-type: none"> ○ The use and storage of fuels will be carried out in accordance with the <i>Liquid Fuels Handling Code</i>. ○ No equipment maintenance (e.g., washing or changing oil) is permitted within 30 m of lakes or ponds. • All spray buffer zones for aerial or ground application will be measured from the edge of the vegetation communities capable of providing an effective barrier to the movement of sediment. • 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>. • Where ground application is: <ul style="list-style-type: none"> ○ <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. Sensitive areas include wetlands, 		
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FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

<p>spawning areas, nursery areas, headwaters, sanctuaries, and stocked lakes.</p> <ul style="list-style-type: none"> ○ <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. • If the product label dictates that application must be done following different restrictions than indicated here, the more conservative protocol will be applied. 		
B. Primary Roads, Branch Roads, and Landings (Planned or Existing)		
Conditions on Location, Construction or Use	Public Comment	Exception
<p>WL03 - Rivers and Streams Crossings only.</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 no practical or feasible alternative exists, appropriate mitigative measures are taken to minimize the risk of sediment entering the water feature, and the road, including specific location, is identified and justified through the FMP AOC planning process (i.e. the FMP will be amended to identify the specific location and the mitigation required at that location).</p> <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>Where existing or new roads 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"> • 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. 	No	No

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

<p><u>Existing Road Maintenance</u></p> <ul style="list-style-type: none"> Refer to Part D of FMP Supp. Doc. I – Primary and Branch Roads Planning for conditions related to existing road maintenance activities. <p><u>Water Crossing Installation and Maintenance</u></p> <ul style="list-style-type: none"> Refer to Section 7 of Supp Doc P – Water Crossing Protocol for the conditions related to installation and maintenance of water crossings. <p><u>Decommissioning and Rehabilitation of Water Crossings</u></p> <ul style="list-style-type: none"> Refer to Section 7 of Supp Doc P of the FMP, for the conditions related to decommissioning and rehabilitating of water crossings 		
C. Operational Roads and Landings (Planned or Existing)		
Conditions on Location, Construction or Use	Public Comment	Exception
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)		
Conditions on Location, Construction or Use		Exception
<ul style="list-style-type: none"> 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										
W05	Group	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><u>Description:</u> 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>>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><u>Prescription:</u></p> <ul style="list-style-type: none">The AOC is measured in the field from the edge of vegetation communities capable of providing an effective barrier to the movement of sediment. This will normally be those communities with >=25% canopy cover of trees, tall (>= 1 m high) woody shrubs such as alder or willow, or low (< 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.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).Harvest is permitted within the AOC subject to the following conditions: - Conventional clear cutting is permitted within the AOC only where the slope is <=30% (<=50 m width AOC).If the inner boundary of the AOC (start of woody vegetation) is <15 m from the active channel, then a 15 m reserve of woody vegetation is required on both sides of the stream.		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										

(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"> • If the inner boundary of the AOC (start of wood vegetation) is >15m from the active channel, harvesting is permitted, under the following conditions: <ul style="list-style-type: none"> ○ 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: <ul style="list-style-type: none"> • At least 15 m tall (or the tallest of those available). • Close to the active channel (ideally within ½ 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: <ul style="list-style-type: none"> ○ 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 		
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FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

<p>accidentally felled into rivers or streams will be left where they fall.</p> <ul style="list-style-type: none"> ○ 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, <ul style="list-style-type: none"> ○ The use and storage of fuels will be carried out in accordance with the <i>Liquid Fuels Handling Code</i>. ○ No equipment maintenance (e.g., washing or changing oil) is permitted within 30 m of rivers or streams. • All spray buffer zones for aerial or ground application will be measured from the edge of the vegetation communities capable of providing an effective barrier to the movement of sediment. • 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>. • Where ground application is: <ul style="list-style-type: none"> ○ <u>broadcast</u> applied (e.g. fogger, air blaster) the application of herbicides is 		
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FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

(back to AOC list)	<p>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. Sensitive areas include wetlands, spawning areas, nursery areas, headwaters, sanctuaries, and stocked lakes.</p> <ul style="list-style-type: none"> ○ <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. • If the product label dictates that application must be done following different restrictions than indicated here, the more conservative protocol will be applied. 		
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> • No landings permitted in the AOC. • New roads that are not associated with an approved stream crossing are not permitted within the AOC unless no practical or feasible alternative exists, appropriate mitigative measures are taken to minimize the risk of sediment entering the water feature, and the road, including specific location, is identified and justified through the FMP AOC planning process (i.e. the FMP will be amended to identify the specific location and the mitigation required at that location). • 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. • Where existing or new roads 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"> ○ 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. 	No	No

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

<p><u>Existing Road Maintenance</u></p> <ul style="list-style-type: none"> Refer to Part D of FMP Supp. Doc. I – Primary and Branch Roads Planning for conditions related to existing road maintenance activities. <p><u>Installation and Maintenance</u></p> <ul style="list-style-type: none"> Refer to Section 7 of Supp Doc P of the FMP, for the conditions related to installation and maintenance of water crossings. <p><u>Decommissioning and Rehabilitation of Water Crossings</u></p> <ul style="list-style-type: none"> Refer to Section 7 of Supp Doc P of the FMP, for the conditions related to decommissioning and rehabilitating of water crossings. 		
C. Operational Roads and Landings (Planned or Existing)		
Conditions on Location, Construction or Use	Public Comment	Exception
<ul style="list-style-type: none"> See 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)		
Conditions on Location, Construction or Use	Exception	
<ul style="list-style-type: none"> 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		
W06	Group	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">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">suitable habitat occupied by breeding birds as delineated through field survey.a 20 ha patch of suitable non-forested wetland habitat (or the entire wetland polygon if <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. <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">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">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 <25% canopy of trees, tall (>=1m high) woody shrubs such as alder or willow, or low (<1 m high) woody evergreen shrubs such as Labrador tea or leatherleaf.Excessive removal or damage of sapling-sized trees (<10 cm dbh) and shrubs within 3 m of those portions of the wetland dominated by open water or non-woody vegetation.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.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 wetland dominated by open water or non-woody vegetation. Ruts or significant patches of exposed mineral soil will be promptly rehabilitated.		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 59-60, 125-126.	No

(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"> No contamination of wetlands by foreign materials is permitted. Specifically; <ul style="list-style-type: none"> The use and storage of fuels will be carried out in accordance with the Liquid Fuel Handling Code. No equipment maintenance (e.g., washing or changing oil) is permitted within 15 m of non-forested wetlands. All spray buffer zones for aerial or ground application will be measured from the edge of the vegetation communities capable of providing an effective barrier to the movement of sediment. 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>. Where ground application is: <ul style="list-style-type: none"> <u>broadcast</u> applied (e.g. fogger, air blaster) the application of herbicides is permitted within the AOC. Spray buffer zones will be 60 m for wetlands (<i>sensitive areas</i>). <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. If the product label dictates that application must be done following different restrictions than indicated here, the more conservative protocol will be applied. 		
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> New roads or landings are not permitted in the AOC. 	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)			
Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none"> No new all-weather roads or landings are permitted. New winter roads are not permitted within the AOC. Water drawdowns or other activities that significantly alter hydrological regime are not permitted. 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. 		No	No
D. Forestry Aggregate Pits (Planned or Existing)			
Conditions on Location, Construction or Use			Exception
<ul style="list-style-type: none"> New 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		
W07	Group	Provincially Significant Wetlands		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u> 120 metre 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">The use and storage of fuels will be carries out in accordance with the <i>Liquid Fuels Handling Code</i>.No equipment maintenance (e.g. washing or changing oil) is permitted within 30m of PSWs.All spray buffer zones for aerial or ground application will be measured from the edge of the vegetation communities capable of providing an effective barrier to the movement of sediment.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>.Where ground application is:<ul style="list-style-type: none"><u>broadcast</u> applied (e.g. fogger, air blaster) the application of herbicides is permitted within the AOC. Spray buffer zones will be 60 m for wetlands (<i>sensitive areas</i>).<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.If the product label dictates that application must be done following different restrictions than indicated here, the more conservative protocol will be applied. <p>Harvest, renewal and tending operations are not permitted within the PSW unless an</p>		<p><i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Page 56-58</i></p>	No

(back to AOC list)

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

<p>Environmental Impact Study (EIS), and subsequent review and approval by NDMNRF, demonstrates that the proposed operation will either:</p> <ul style="list-style-type: none"> • Not result in the loss of natural features or ecological functions that make the wetland provincially significant, or • May result in some loss of natural features or ecological functions that make the wetland provincially significant, but the loss is deemed by NDMNRF to be minimal and necessary to sustain the natural features or ecological functions that make the wetland provincially significant. <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 NDMNRF 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 NDMNRF.</p>		
B. Primary Roads, Branch Roads, and Landings (Planned or Existing)		
Conditions on Location, Construction or Use	Public Comment	Exception
<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 NDMNRF demonstrates that the proposed operations will either:</p> <ul style="list-style-type: none"> • Not result in the loss of natural features or ecological functions that make the wetland provincially significant, or • May result in some loss of natural features or ecological functions that make the wetland provincially significant, but the loss is deemed by NDMNRF to be minimal and necessary to avoid undesirable ecological or socio-economic impacts of other feasible alternatives. 	No	No

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

**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)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	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)		
	Conditions on Location, Construction or Use	Exception	
	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

AOC ID	Group AOC	Description of Value		
W08 (back to AOC list)	Group	Identified Fish Spawning Areas		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<u>Description:</u> <ul style="list-style-type: none">90-metre AOC measured in the field from the edge of vegetation communities capable of providing an effective barrier to the movement of sediment. (This will normally be those communities with ≥25% canopy cover of trees, tall (≥1 m high) woody shrubs such as alder or willow, or low (<1 m high) woody evergreen shrubs such as Labrador tea or leatherleaf. Formapping purposes, the reserve may be measured from the edge of polygons identified as FOR, TMS, or BSH.) <u>Prescription:</u> <ul style="list-style-type: none">No harvest is permitted in the AOC, except for the clearing of road right-of-ways for approved water crossings.No renewal or tending operations are permitted in the AOC.		Planning Team	No
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
<ul style="list-style-type: none">No new primary or branch roads are permitted in the AOC, except at approved water crossing locations.A clear-span bridge will be used on planned roads.No water crossings permitted within 100m of the value.No landings permitted within the AOC.		No	No	

Management Unit Name: Kenora Forest
Plan Period: April 1, 2022 to March 31, 2032

**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)		
	Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none">No new operational roads are permitted in the AOC, except at approved water crossing locations.A clear-span bridge will be used on planned roads.No water crossings permitted within 100m of the value.No landings permitted within the AOC.	No	No
	D. Forestry Aggregate Pits (Planned or Existing)		
	Conditions on Location, Construction or Use	Exception	
	<ul style="list-style-type: none">No aggregate pits are permitted within the AOC.	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 of Forest Management Activities

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

This list may not include all activities. Use as a guide to determine potential impacts. For further clarification refer to Stand and Site Guide Appendix 4.2

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

Supplementary Table FMP-11.2 Potential Impacts for Caribou Nursery Values

Potential Impact:	Not Permitted During Timing (High to Moderate)	Permitted During Timing (Low)
Harvest-related activities:	<ul style="list-style-type: none"> • Harvest operation (felling with buncher or harvester, off-road transport with skidder or forwarder) • Prescribed burns • Brush saw thinning • Ground (airblast) herbicide application • Tree plant camp establishment and use • Slash Pile burning (not usually done during the summer) 	<ul style="list-style-type: none"> • Tending (Aerial or ground application of herbicides) • Renewal (Tree planting, Aerial Seeding) • Boundary layout • Regeneration Surveys • Slash piling
Road-related activities	<ul style="list-style-type: none"> ○ Road construction ○ Work involving numerous pieces of heavy equipment for extended time periods. ○ Road Maintenance (cleaning of ditches & drainage, clearing of existing right-of-way, gravelling, re-shaping road bed) ○ Aggregate extraction (excavation) 	<ul style="list-style-type: none"> • Road Layout • Hauling and loading • Routine Maintenance (grading, dust control measures, brush cleaning, application of herbicides for vegetation control on shoulders, signage, sanding, salting, cleaning of culverts, removal of beaver dams, and application of gravel and riprap and other erosion protection, loading and hauling aggregate from existing stockpiles). • Moving/walking equipment on road • Emergency culvert repair or replacement.
Provisional Activities	<p><i>Provisional activities must be discussed with the district NDMNRF. Written permission is required to permit these activities during the timing restriction. Without permission they are not permitted during the timing restriction (May 1st to August 15th).</i></p> <ul style="list-style-type: none"> ○ Mechanical site preparation (MSP) • Road Decommissioning • Road side processing (delimbing, slashing, or chipping) of stockpiled wood. 	

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

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-12 PLANNED HARVEST AREA

Forest Unit	10-Year Available Harvest Area (ha)	Age Class	Planned Harvest Area 10-year period (ha)
BFM	-	1-20	-
	-	21 - 40	-
	-	41 - 60	-
	-	61 - 80	193.3
	364.7	81 - 100	267.2
	132.5	101 - 120	86.7
	320.8	121-140	10.6
	87.4	141+	-
	905.4	Subtotal	557.8
CMX	-	1-20	-
	-	21 - 40	-
	-	41 - 60	-
	1,329.6	61 - 80	441.8
	3,330.3	81 - 100	2,563.0
	150.9	101 - 120	908.4
	158.7	121-140	86.5
	39.3	141+	-
	5,008.7	Subtotal	3,999.7
HMX	-	1-20	
	-	21 - 40	
	1,713.5	41 - 60	373.0
	4,769.4	61 - 80	2,498.9
	6,840.0	81 - 100	6,238.4
	-	101 - 120	457.7
	-	121-140	7.2
		141+	
	13,322.9	Subtotal	9,575.2
HRD	-	1-20	
	-	21 - 40	
	-	41 - 60	
	1,668.9	61 - 80	1,461.8
	3,375.0	81 - 100	2,964.9
	-	101 - 120	131.8
	-	121-140	
	49.1	141+	
	5,093.0	Subtotal	4,558.5
PJD	-	1-20	
	-	21 - 40	
	-	41 - 60	
	-	61 - 80	638.2
	8,699.2	81 - 100	9,095.1
	2,074.7	101 - 120	849.2
	662.2	121-140	154.8
	-	141+	
	11,436.1	Subtotal	10,737.4

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-12 PLANNED HARVEST AREA

Forest Unit	10-Year Available Harvest Area (ha)	Age Class	Planned Harvest Area 10-year period (ha)
PJM	-	1-20	
	-	21 - 40	
	-	41 - 60	
	-	61 - 80	
	41.5	81 - 100	34.6
	-	101 - 120	
	-	121-140	
	-	141+	
	41.5	Subtotal	34.6
POD	-	1-20	
	-	21 - 40	
	-	41 - 60	212.0
	2,166.5	61 - 80	1,879.2
	6,962.4	81 - 100	5,016.6
	777.9	101 - 120	271.0
	-	121-140	
	-	141+	
	9,906.8	Subtotal	7,378.8
PRW	-	1-20	
	-	21 - 40	
	-	41 - 60	
	-	61 - 80	
	-	81 - 100	97.3
	-	101 - 120	7.5
	31.4	121-140	25.1
	109.4	141+	
	140.8	Subtotal	129.9
SBD	-	1-20	
	-	21 - 40	
	-	41 - 60	
	-	61 - 80	
	-	81 - 100	100.2
	218.2	101 - 120	139.1
	532.3	121-140	19.7
	17.6	141+	
	768.0	Subtotal	259.0
SBL	-	1-20	
	-	21 - 40	
	-	41 - 60	
	-	61 - 80	
	-	81 - 100	
	126.5	101 - 120	86.8
	571.2	121-140	229.4
	157.3	141+	37.4
	855.1	Subtotal	353.6

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-12 PLANNED HARVEST AREA

Forest Unit	10-Year Available Harvest Area (ha)	Age Class	Planned Harvest Area 10-year period (ha)
SBM	-	1-20	
	-	21 - 40	
	-	41 - 60	
	-	61 - 80	23.6
	-	81 - 100	91.3
	368.5	101 - 120	368.7
	740.2	121-140	40.7
	-	141+	
	1,108.7	Subtotal	524.2
Stage of Management Subtotal		All clearcut forest units - no stages of management.	
Total All Forest Units	48,587.0		38,108.6

Data for 10-year available harvest area from results of SFMM LTMD-07.

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 (OPI harvest layer).

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

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

Total Planned Harvest Area from FMP-12: 38,109 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	UH	LH	Subtotal	
Net Merchantable:																	
BFM	56,855	18,475	-	-	10,143	7,519	3,830	8,300	150	-	29,942	3,983	2,704	-	-	6,687	36,629
CMX	322,032	122,929	-	-	179,236	58,179	9,400	18,865	1,655	-	267,335	77,879	25,466	-	-	103,345	370,680
HMX	495,971	701,036	-	-	201,355	82,710	37,366	76,796	4,215	99	402,541	514,143	71,915	-	-	586,058	988,599
HRD	115,669	383,445	-	-	46,714	29,490	15,111	27,132	1,522	-	119,969	356,698	58,682	-	642	416,022	535,991
PJD	996,261	51,627	-	-	1,058,593	60,398	778	1,961	-	-	1,121,730	57,488	8,805	-	-	66,293	1,188,023
PJM	2,936	288	-	-	2,054	498	-	-	-	-	2,552	145	80	-	-	225	2,777
POD	198,920	1,147,758	-	-	63,864	29,555	26,645	28,019	322	-	148,405	866,408	31,056	-	-	897,464	1,045,869
PRW	22,832	2,983	5,026	9,827	3,393	1,247	76	448	-	-	20,017	3,768	1,148	-	-	4,916	24,933
SBD	70,521	3,802	-	-	5,679	15,166	458	740	-	-	22,043	2,021	750	-	-	2,771	24,814
SBL	42,671	1,568	-	-	-	25,929	24	-	314	716	26,983	-	-	-	-	-	26,983
SBM	103,544	9,878	-	-	14,489	19,029	590	1,550	-	-	35,658	3,769	1,808	-	-	5,577	41,235
Sub-total	2,428,212	2,443,789	5,026	9,827	1,585,520	329,720	94,278	163,811	8,178	815	2,197,175	1,886,302	202,414	0	642	2,089,358	4,286,533
Defect (Branches, Twigs, Leaves, Bark):																	
BFM	1,825	1,108	-	-	1,890	2,098	1,170	3,168	52	-	8,378	760	192	-	-	952	9,330
CMX	107,968	82,033	-	-	32,304	15,352	2,668	7,539	616	-	58,479	37,592	8,565	-	-	46,157	104,636
HMX	114,539	131,986	-	-	35,167	21,035	10,598	29,524	1,403	22	97,749	289,748	28,215	-	-	317,963	415,712
HRD	77,165	518,970	-	-	8,215	7,452	4,262	10,373	526	-	30,828	210,686	25,766	-	794	237,246	268,074
PJD	343,248	44,623	-	-	182,192	14,594	217	798	-	-	197,801	34,746	3,996	-	-	38,742	236,543
PJM	1,490	115	-	-	360	125	-	-	-	-	485	90	38	-	-	128	613
POD	66,085	855,544	-	-	11,025	7,446	7,489	11,009	110	-	37,079	508,555	13,517	-	-	522,072	559,151
PRW	8,446	2,272	1,558	1,994	747	278	19	185	-	-	4,781	2,530	561	-	-	3,091	7,872
SBD	22,747	2,646	-	-	1,206	4,204	144	336	-	-	5,890	781	90	-	-	871	6,761
SBL	20,135	-	-	-	-	7,244	8	-	64	193	7,509	-	-	-	-	-	7,509
SBM	35,767	7,865	-	-	3,195	5,245	186	662	-	-	9,288	1,177	406	-	-	1,583	10,871
Sub-total	799,416	1,647,164	1,558	1,994	276,301	85,073	26,761	63,594	2,771	215	458,267	1,086,665	81,346		794	1,168,805	1,627,072
Undersize:																	
BFM	675	235	-	-	1,348	1,270	492	1,218	17	-	4,345	124	23	-	-	147	4,492
CMX	70,700	26,852	-	-	14,226	8,540	953	2,119	167	-	26,005	5,706	1,101	-	-	6,807	32,812
HMX	90,683	56,450	-	-	24,593	12,156	4,893	9,747	542	-	51,931	69,716	5,557	-	-	75,273	127,204
HRD	40,858	149,299	-	-	5,513	4,104	1,953	3,362	179	-	15,111	53,724	5,008	-	111	58,843	73,954
PJD	157,328	9,125	-	-	63,533	3,827	74	128	-	-	67,562	3,959	366	-	-	4,325	71,887
PJM	895	27	-	-	114	31	-	-	-	-	145	10	3	-	-	13	158
POD	40,369	259,408	-	-	7,760	3,724	3,145	3,036	34	-	17,699	120,821	2,439	-	-	123,260	140,959
PRW	883	159	333	434	204	75	4	40	-	-	1,090	327	72	-	-	399	1,489
SBD	11,625	586	-	-	1,105	2,729	72	114	-	-	4,020	233	24	-	-	257	4,277
SBL	8,900	-	-	-	-	4,367	4	-	15	-	4,386	-	-	-	-	-	4,386
SBM	7,411	742	-	-	2,879	3,366	100	251	-	-	6,596	364	93	-	-	457	7,053
Sub-total	430,328	502,882	333	434	121,275	44,189	11,690	20,015	954	0	198,890	254,984	14,686	0	111	269,781	468,671
TOTAL	3,657,955	4,593,835	6,917	12,255	1,983,096	458,982	132,729	247,420	11,903	1,030	2,854,332	3,227,951	298,446	0	1,547	3,527,944	6,382,276

Data for 10-Year available harvest volume from SFMM LTMD-07 with MIST calculations for net merchantable, defect and undersized volumes. Volumes by forest unit.

Data for 10-Year planned harvest volume from actual harvest allocations from MIST stand-level calculations for net merchantable, defect and undersized volumes.

LTMD Available harvest volumes and planned harvest volumes reduced for estimated unharvested volumes (wildlife trees, bypass, residual patches, white pine/red pine retention in non-PRW areas).

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)
PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-14 PLANNED HARVEST VOLUME AND WOOD UTILIZATION (10-Year)

Total Planned Harvest Area from FMP-12 38,109 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	UH	LH	Subtotal			
SFL	0		Net Merchantable	Fibre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			Undersize & Defect	All	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
OFRL Group	38,109		Net Merchantable	Fibre	5,026	9,827	1,585,520	329,720	94,278	163,811	8,178	815	2,197,175	1,886,302	202,414	-	642	2,089,358	4,286,533		
			Undersize & Defect	All	1,891	2,428	397,576	129,262	38,451	83,609	3,725	215	657,157	1,341,649	96,032	-	905	1,438,586	2,095,743		
Total:		38,109		Total:	6,917	12,255	1,983,096	458,982	132,729	247,420	11,903	1,030	2,854,332	3,227,951	298,446	-	1,547	3,527,944	6,382,276		
		Utilized	Net Merchantable	Fibre	5,026	9,827	1,585,520	329,720	94,278	163,811	8,178	815	2,197,175	1,886,302	202,414	-	642	2,089,358	4,286,533		
			Undersize & Defect	All	1,891	2,428	397,576	129,262	38,451	83,609	3,725	215	657,157	1,341,649	96,032	-	905	1,438,586	2,095,743		
			Subtotal:		6,917	12,255	1,983,096	458,982	132,729	247,420	11,903	1,030	2,854,332	3,227,951	298,446	-	1,547	3,527,944	6,382,276		
		Unutilized	Net Merchantable	Fibre										-					-	-	
			Undersize & Defect	All										-					-	-	
			Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Total:		6,917	12,255	1,983,096	458,982	132,729	247,420	11,903	1,030	2,854,332	3,227,951	298,446	-	1,547	3,527,944	6,382,276			

NOTE: Net merchantable volumes calculated from planned harvest allocations with MIST stand-level volumes. Defect and undersized volumes estimated using regional MIST calculation.

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-15 PLANNED HARVEST VOLUME AND WOOD UTILIZATION (10-Year)

Total Planned Harvest Area from FMP-12: 38,109 ha

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	UH	LH		Subtotal
Weyerhaeuser - Kenora	Ministerial Conditional Commitment	152,000 PO	All	Composite									0	1,520,000				1,520,000	1,520,000
Weyerhaeuser - Kenora	Supply Agreement	14,500 BW											0		145,000			145,000	145,000
Prendiville Industries Ltd. (Kenora Forest Products) - Kenora *1	Supply Agreement	156,000 SPF	All	Sawlog									0					0	0
Prendiville Industries Ltd. (Kenora Forest Products) - Kenora *2	Business Agreement	3,250 PWR 10,700 SPF	All	Sawlog									0					0	0
E&G Custom Sawing *3	SFL Appendix E and conditions	2,000 PWR	All	Sawlog	5,026	9,827							14,853					0	14,853
Open Market	Open Market		All	Fibre	0	0	1,585,520	329,720	94,278	163,811	8,178	815	2,182,322	366,302	57,414	0	642	424,358	2,606,680
Open Market	Open Market		All	Defect/ Undersize	1,891	2,428	397,576	129,262	38,451	83,609	3,725	215	657,157	1,341,649	96,032	0	905	1,438,586	2,095,743
Total					6,917	12,255	1,983,096	458,982	132,729	247,420	11,903	1,030	2,854,332	3,227,951	298,446	0	1,547	3,527,944	6,382,276

Notes:

*1. Prendiville Industries Ltd. (Kenora Forest Products, Kenora) mill shut down and was sold, therefore volumes associated with the Supply Agreement are included in "Open Market" volumes. The new sawmill owner plans to operate the facility, and has requested a supply agreement. Volumes associated with the Kenora Forest Products Mill Supply Agreement are shown as Open Market.

*2. Prendiville Industries Ltd. (Kenora Forest Products, Kenora) volumes associated with their Business Agreement will be/have been transferred to the new Kenora Sawmill owners. As the facility is currently shut down, volumes associated with this Business Agreement are shown as "Open Market".

*3 Commitment volume for E&G Custom Sawing is projected to not be met with planned red pine and white pine harvest volumes. Shortfall of 5,000 m3 is expected to be made up from bridging harvest area that includes up to 385 ha of PRW forest unit area.

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-16 CONTINGENCY HARVEST AREA AND VOLUME

Forest Unit	Age Class	Contingency Harvest Area (ha)	Contingency Harvest Volume (m ³)		
			Conifer	Hardwood	Total
BFM	1-20				0
	21 - 40				0
	41 - 60				0
	61 - 80	35.4	1,653	394	2,047
	81 - 100	9.5	300	167	467
	101 - 120				0
	121-140				0
	141+				0
	Subtotal	44.9	1,953	561	2,514
CMX	1-20				0
	21 - 40				0
	41 - 60				0
	61 - 80	36.0	1,317	581	1,898
	81 - 100	313.2	24,266	8,224	32,490
	101 - 120	68.5	4,160	1,551	5,711
	121-140	57.9	6,688	787	7,475
	141+				0
	Subtotal	475.6	36,431	11,143	47,574
HMX	1-20				0
	21 - 40				0
	41 - 60				0
	61 - 80	241.0	4,873	8,425	13,298
	81 - 100	456.8	17,779	27,075	44,854
	101 - 120				0
	121-140				0
	141+				0
	Subtotal	697.8	22,652	35,500	58,152
HRD	1-20				0
	21 - 40				0
	41 - 60				0
	61 - 80	131.5	1,518	6,548	8,066
	81 - 100	300.4	8,564	26,262	34,826
	101 - 120				0
	121-140				0
	141+				0
	Subtotal	431.9	10,082	32,810	42,892
PJD	1-20				0
	21 - 40				0
	41 - 60				0
	61 - 80	23.8	1,862	73	1,935
	81 - 100	1,084.4	125,617	11,792	137,409
	101 - 120	166.4	13,439	979	14,418
	121-140				0
	141+				0
	Subtotal	1,274.6	140,918	12,844	153,762
PJM	1-20				0
	21 - 40				0
	41 - 60				0
	61 - 80				0
	81 - 100				0
	101 - 120	7.3	497	29	526
	121-140				0
	141+				0
	Subtotal	7.3	497	29	526

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-16 CONTINGENCY HARVEST AREA AND VOLUME

Forest Unit	Age Class	Contingency Harvest Area (ha)	Contingency Harvest Volume (m ³)		
			Conifer	Hardwood	Total
POD	1-20				0
	21 - 40				0
	41 - 60				0
	61 - 80	114.9	1,146	15,484	16,630
	81 - 100	563.2	14,093	68,047	82,140
	101 - 120	43.9	554	5,196	5,750
	121-140				0
	141+				0
	Subtotal	722.0	15,793	88,727	104,520
PRW	1-20				0
	21 - 40				0
	41 - 60				0
	61 - 80				0
	81 - 100				0
	101 - 120	3.4	648	79	727
	121-140				0
	141+				0
	Subtotal	3.4	648	79	727
SBD	1-20				0
	21 - 40				0
	41 - 60				0
	61 - 80				0
	81 - 100				0
	101 - 120				0
	121-140				0
	141+				0
	Subtotal	0.0	0	0	0
SBL	1-20				0
	21 - 40				0
	41 - 60				0
	61 - 80				0
	81 - 100				0
	101 - 120	27.6	1,419	0	1,419
	121-140				0
	141+				0
	Subtotal	27.6	1,419	0	1,419
SBM	1-20				0
	21 - 40				0
	41 - 60				0
	61 - 80				0
	81 - 100	41.5	2,268	411	2,679
	101 - 120				0
	121-140	4.4	223	24	247
	141+				0
	Subtotal	45.9	2,491	435	2,926
Total All Forest Units		3,731.0	232,884	182,128	415,012

9.2 months of contingency harvest area.

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-17 PLANNED RENEWAL AND TENDING OPERATIONS

Renewal	Planned Area (ha) (10-year)	
	Harvest	Natural Disturbance
Regeneration		
Natural Regeneration		
Clearcut Silvicultural System (even-aged)		
Block Cut	22,018	109,826
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)		
Subtotal Natural	22,018	109,826
Artificial Regeneration		
Planting	5,318	
Seeding	8,676	
Subtotal Artificial	13,994	-
Total Regeneration	36,012	109,826
Artificial Regeneration - Retreatment		
Planting	-	
Seeding	-	
Total Retreatment		-
Artificial Regeneration - Supplemental		
Planting	-	
Seeding	-	
Total Supplemental	-	-
Site Preparation		
Mechanical	13,994	
Chemical Aerial		
Ground		
Prescribed Burn High Complexity		
Slash Pile Burn	36,012	
Total Site Preparation	50,006	-
Tending		
Cleaning		
Manual	-	
Chemical Aerial	-	
Ground	2,341	
Prescribed Burn High Complexity	-	
Slash Pile Burn		
Spacing, pre-commercial thinning, improvement cutting		
Clearcut and Shelterwood Silvicultural Systems	-	
Selection Silvicultural System (uneven-aged)	-	
Other		
Cultivation		
Pruning	-	
Total Tending	2,341	-

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-18 ROAD CONSTRUCTION AND USE MANAGEMENT

Road or Road Network Identifier	Responsibility	Plan Start Length (km)	Planned Construction 10 Year	Use Management					
				Maintenance	Monitoring	Access Control		Future Use Management	
						Type	Year	Transfer Year	Management Intent
A. Primary									
Cameron Lake	SFL	31.8		RUS-3	RUS-3	PLA sign.	existing, maintain		
Maybrun (includes 14km on Whiskey Jack Forest)	SFL	24.2		RUS-3	RUS-3	PLA sign.	existing, maintain		
Trilake (aka Pipestone)	SFL	19.4		RUS-3	RUS-3	PLA sign.	existing, maintain		
South Otterskin Lake	SFL	6.9		RUS-3	RUS-3	PLA sign.	existing, maintain		
Carver	SFL	2.7		RUS-3	RUS-3	PLA sign.	existing, maintain		
Werner Lake Road	SFL	18.2		RUS-3	RUS-3	PLA sign.	existing, maintain		
Caution Lake	SFL	19.9		RUS-4	RUS-4				
Cygnnet Lake	SFL	24.1		RUS-4	RUS-4				
English River	SFL	44.6		RUS-4	RUS-4				
Pickeral Lake	SFL	18.4		RUS-4	RUS-4				
Sand Lake	SFL	29.6		RUS-4	RUS-4				
Atikwa Road	SFL		20.3	RUS-2	RUS-2	PLA sign.	existing, maintain	2035	Decommission
Aulneau Road	SFL		49	RUS-4	RUS-4				
Flapjack Road	SFL	10.7	6	RUS-4	RUS-4				
Namego Lake Road	SFL		22.3	RUS-2	RUS-2			2035	Decommission
Weisner Road	SFL		16.5	RUS-3	RUS-3	PLA sign.	existing, maintain		
Westway Road	SFL	11.7	15.3	RUS-4	RUS-4				
Subtotal		262.2	129.4						
B. Branch									
Cameron 182 Road	SFL	5.5		RUS-3	RUS-3	PLA sign.	existing, maintain		
Caribou Falls Lodge Road	SFL	2.2		RUS-4	RUS-4				
Caution 101-461 Road	SFL	8.5		RUS-4	RUS-4				
Caution 246-462 Road	SFL	2.8		RUS-4	RUS-4				
Caution 466 Road	SFL	6.5		RUS-4	RUS-4				
Caution Lake Road	SFL	4.0		RUS-4	RUS-4				
Denmark 579 Road	SFL	6.5		RUS-3	RUS-3	PLA sign.	existing, maintain		
East Cameron Lake Road	SFL	5.7		RUS-3	RUS-3	PLA sign.	existing, maintain		
Ena Lake Road Extension	SFL	13.8		RUS-2	RUS-2			2035	Decommission
Foreleg Bay 583 Road	SFL	2.4		RUS-3	RUS-3	PLA sign.	existing, maintain		
Foreleg Bay Road	SFL	6.9		RUS-3	RUS-3	PLA sign.	existing, maintain		
Gundy 302 Road	SFL	4.9		RUS-4	RUS-4				
Haycock Road	SFL	4.7		RUS-4	RUS-4				
Isinglass Road	SFL	14.8		RUS-3	RUS-3	PLA sign.	existing, maintain		
Jadel Creek Road	SFL	14.4		RUS-4	RUS-4				
Jessie Road	SFL	5.7		RUS-4	RUS-4				
Longpoint Road	SFL	6.5		RUS-4	RUS-4				
Malachi Lake Road	SFL	8.4		RUS-4	RUS-4				
Maybrun 147 Road	SFL	6.6		RUS-3	RUS-3	PLA sign.	existing, maintain		
McDonald Road	SFL	13.1		RUS-4	RUS-4				
North-East Subdivision Road	SFL	4.8		RUS-4	RUS-4				
Norway Road	SFL	5.6		RUS-4	RUS-4				
Pistol 430 Road	SFL	3.9		RUS-4	RUS-4				
Rainmaker 584 Road	SFL	1.1		RUS-3	RUS-3	PLA sign.	existing, maintain		
Rainmaker Road	SFL	9.6		RUS-3	RUS-3	PLA sign.	existing, maintain		
Rough Rock Road	SFL	11.7		RUS-4	RUS-4				
Roughrock 419 Road	SFL	5.0		RUS-4	RUS-4				
South Cameron Lake Road	SFL	9.6		RUS-3	RUS-3	PLA sign.	existing, maintain		
South Scot Road	SFL	1.1		RUS-4	RUS-4				
Talbot Road	SFL	5.9		RUS-2	RUS-2			2026	Decommission
Wade 1153 Road	SFL	4.6		RUS-4	RUS-4				
Wade Road	SFL	2.5		RUS-4	RUS-4				
White Road	SFL	12.4		RUS-4	RUS-4				
Whitefish Road	SFL	10.9		RUS-4	RUS-4				
Beaver House Road	SFL		5.1	RUS-4	RUS-4				
Bays Lake Road	SFL		3.3	RUS-4	RUS-4				
Cedartree Road	SFL		3.7	RUS-3	RUS-3	PLA sign.	existing, maintain		
Flora Lake Road	SFL		4.8	RUS-3	RUS-3	PLA sign.	existing, maintain		
Goshawk North Road	SFL		13.3	RUS-4	RUS-4				
Hidden Lake Road	SFL		6.5	RUS-4	RUS-4				
India Road	SFL		6.6	RUS-4	RUS-4				
Avalon Road	SFL		8.5	RUS-4	RUS-4				
Quida Lake Road	SFL		10.2	RUS-2	RUS-2			2035	Decommission
Roxy Road	SFL		4.4	RUS-4	RUS-4				
Snook Lake Road	SFL		10.7	RUS-4	RUS-4				
Turtle Lake Road	SFL		11.3	RUS-2	RUS-2			2035	Decommission
White Road	SFL		8.3	RUS-4	RUS-4				
Subtotal		232.5	96.8						
Total Construction			226.2						

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-18 ROAD CONSTRUCTION AND USE MANAGEMENT

Road or Road Network Identifier	Responsibility	Plan Start Length (km)	Planned Construction 10 Year	Use Management					
				Maintenance	Monitoring	Access Control		Future Use Management	
						Type	Year	Transfer Year	Management Intent
C. Operational									
C. Operational - Existing Operational Road Networks (Access Restricted)									
Cameron-Cameron 182	SFL	2.9		RUS-3	RUS-3	PLA sign.	existing, maintain	n/a	
Cameron-Clay	SFL	9.4		RUS-3	RUS-3	PLA sign.	existing, maintain	n/a	
Cameron-East Cameron	SFL	11.8		RUS-3	RUS-3	PLA sign.	existing, maintain	n/a	
Cameron-Isinglass	SFL	19.3		RUS-3	RUS-3	PLA sign.	existing, maintain	n/a	
Cameron-South Cameron	SFL	6.1		RUS-3	RUS-3	PLA sign.	existing, maintain	n/a	
Cameron-South Otterskin	SFL	7.8		RUS-3	RUS-3	PLA sign.	existing, maintain	n/a	
Cameron-	SFL	20.4		RUS-3	RUS-3	PLA sign.	existing, maintain	n/a	
Maybrun-147	SFL	9.1		RUS-3	RUS-3	PLA sign.	existing, maintain	n/a	
Maybrun-Denmark	SFL	3.3		RUS-3	RUS-3	PLA sign.	existing, maintain	n/a	
Maybrun-Foreleg Bay	SFL	6.8		RUS-3	RUS-3	PLA sign.	existing, maintain	n/a	
Maybrun-Rainmaker	SFL	5.1		RUS-3	RUS-3	PLA sign.	existing, maintain	n/a	
Maybrun-	SFL	11.2		RUS-3	RUS-3	PLA sign.	existing, maintain	n/a	
C. Operational -new ORBs in MEA - Access Restricted									
ORB001, ORB002, ORB003, ORB004, ORB005, ORB006, ORB008, ORB011, ORB012	SFL			RUS-5	RUS-5	PLA sign.	existing, maintain	na	
C. Operational -new ORBs in MEA - No Access Restriction									
ORB037, ORB148, ORB149, ORB150, ORB151, ORB155 ORB156, ORB157, ORB160	SFL			RUS-6	RUS-6			na	
C. Operational -new ORBs - Access Restricted									
ORB009, ORB010, ORB013, ORB014, ORB015, ORB016, ORB017, ORB018, ORB019, ORB020, ORB021, ORB022, ORB023, ORB024, ORB025, ORB026, ORB027, ORB028, ORB106, ORB175, ORB177, ORB184, ORB185, ORB187	SFL			RUS-3	RUS-3	PLA sign.	existing, maintain	n/a	
C. Operational -new ORBs (No Access Restriction)									
ORB007, ORB029, ORB032, ORB033, ORB034, ORB035, ORB036, ORB038, ORB039, ORB041, ORB042, ORB043, ORB044, ORB045, ORB046, ORB047, ORB048, ORB049, ORB050, ORB051, ORB052, ORB053, ORB054, ORB055, ORB056, ORB057, ORB058, ORB059, ORB060, ORB061, ORB062, ORB063, ORB064, ORB065, ORB070, ORB071, ORB072, ORB073, ORB074, ORB075, ORB076, ORB077, ORB078, ORB079, ORB080, ORB081, ORB082, ORB083, ORB084, ORB085, ORB086, ORB087, ORB088, ORB089, ORB090, ORB091, ORB092, ORB093, ORB094	SFL			RUS-4	RUS-4				
ORB095, ORB096, ORB098, ORB099, ORB100, ORB101, ORB102, ORB103, ORB104, ORB105, ORB107, ORB108, ORB109, ORB111, ORB112, ORB113, ORB114, ORB115, ORB117, ORB118, ORB119, ORB120, ORB121, ORB122, ORB123, ORB124, ORB125, ORB126, ORB127, ORB128, ORB129, ORB130, ORB131, ORB132, ORB133, ORB134, ORB135, ORB136, ORB137, ORB138, ORB139, ORB140, ORB141, ORB142, ORB144, ORB145, ORB146, ORB153, ORB154, ORB168, ORB169, ORB170, ORB171, ORB173, ORB174, ORB176, ORB178, ORB179, ORB180, ORB181, ORB182, ORB183, ORB186, ORB188, ORB189	SFL			RUS-4	RUS-4				
C. Operational -new ORBs (Decommission)									
ORB030, ORB031, ORB110, ORB116	SFL			RUS-2	RUS-2			2035	
Subtotal		113.3							

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-18 ROAD CONSTRUCTION AND USE MANAGEMENT

Road or Road Network Identifier	Responsibility	Plan Start Length (km)	Planned Construction 10 Year	Use Management					
				Maintenance	Monitoring	Access Control		Future Use Management	
						Type	Year	Transfer Year	Management Intent
D. Other Existing Roads that will be used for forest management purposes									
McConnel Lake Road	LRB	1.4							
Sherwood Lake Road	LRB	8.5							
Clytie Bay Road	LRB	13.3							
Cedar Lane Road	LRB	2							
Cameron Drive	LRB	2.6							
Ena Road	LRB	5.7							
Greenfeather Trail	LRB	3							
Gundy Lake Road	LRB	8.3							
Inglis Lake Road	LRB	2.6							
Ingolf Road	LRB	2.6							
Kendal Inlet Road	LRB	3.9							
Kenricia Road	LRB	1.6							
Lone Pine Trail	LRB	0.7							
McCallum Point Road	LRB	4.2							
Muriel Lake Road	LRB	7.1							
Pine Road	LRB	1.5							
Red Pine Ridge Road	LRB	5.9							
Rush Bay Road	LRB	12.1							
Sunpoint Road	LRB	11.5							
Subtotal		98.5							
Total All Roads		706.5							

FMP-18 Notes:

* Road distance are determined based on GIS calculations. The actual travel distance may be slightly different.

Road Use Management Strategies: See Supp Doc H - Primary Road Planning for details of Road Use Strategies (RUS)

RUS-1	Roads open to the public, planned for transfer to NDMNRF
RUS-2	Road to be Decommissioned after use for forest management purposes
RUS-3	Access Restriction
RUS-4	Roads open to the public, SFL retains maintenance responsibility
RUS-5	Moose Emphasis Area - Access Restriction, SFL retains maintenance responsibility
RUS-6	Moose Emphasis Area - No Access Restriction, SFL retains maintenance responsibility

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)
 PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-19 PLANNED EXPENDITURES

Expenditures		
Activity	Forest Renewal Trust Fund (000s \$)	Forestry Futures Trust Fund * (000s \$)
Natural Regeneration	\$ 1,872	\$ -
Tree Marking	\$ -	\$ -
Artificial Regeneration	\$ 3,680	\$ -
Site Preparation	\$ 4,954	\$ -
Tending	\$ 2,517	\$ -
Renewal Support	\$ 375	\$ -
Silvicultural Surveys	\$ 30	\$ -
Other Eligible Silvicultural Work	\$ -	\$ -
Protection (Insect Pest Control) *		\$ -
Total Expenditures	\$ 13,428	\$ -

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

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-20 PLANNED ASSESSMENT OF ESTABLISHMENT

FMP PERIOD: 2022-2032				
Forest Unit (at harvest)	Depletion Type	Silvicultural Ground Rule (by plan period)	Assigned to SGR (ha) (all years)	Planned Assessment of Establishment (ha)
BFM	Harvest:	PJD-LOW	848	0
	Salvage Harvest:			
Forest Unit Subtotal:				-
CMX	Harvest:	CMX-LOW	5,094	0
	Salvage Harvest:			
Forest Unit Subtotal:				-
HMX	Harvest:	POD-MED	11,075	2,215
	Salvage Harvest:			
Forest Unit Subtotal:				2,215
HRD	Harvest:	POD-HIGH	5,197	1,039
	Salvage Harvest:			
Forest Unit Subtotal:				1,039
PJD	Harvest:	PJD-LOW	10,883	0
	Salvage Harvest:			
Forest Unit Subtotal:				-
PJM	Harvest:	PJD-LOW	102	0
	Salvage Harvest:			
Forest Unit Subtotal:				-
POD	Harvest:	POD-HIGH	8,458	1,692
	Salvage Harvest:			
Forest Unit Subtotal:				1,692
PRW	Harvest:	PRW-LOW	192	0
	Salvage Harvest:			
Forest Unit Subtotal:				-
SBD	Harvest:	PJM-LOW SBD-MED	742	0
	Salvage Harvest:			
Forest Unit Subtotal:				-
SBL	Harvest:	SBL-LOW	916	0
	Salvage Harvest:			
Forest Unit Subtotal:				-
SBM	Harvest:	SBM-MED PJD-MED	1,163	0
	Salvage Harvest:			
Forest Unit Subtotal:				-
TOTAL for FMP PERIOD:				4,946

MANAGEMENT UNIT NAME: Kenora Forest (MU 644)

PLAN PERIOD: April 1, 2022 to March 31, 2032

FMP-20 PLANNED ASSESSMENT OF ESTABLISHMENT

FMP PERIOD: 2012-2022 (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)
BFM	Harvest:	BFM-BA1-PJM	16	16
		BFM-EXT-BFM	19	19
	Salvage Harvest:			-
Forest Unit Subtotal:				35
CMX	Harvest:	CMX-BA1-PJM	916	916
		CMX-BA1-SPM	329	329
		CMX-BA1-CMX	166	166
		CMX-EXT-CMX	213	213
		CMX-EXT-HMX	354	354
	Salvage Harvest:			-
Forest Unit Subtotal:				1,978
HMX	Harvest:	HMX-EXT-HMX	3,010	3,010
		HMX-EXT-POD	3	3
	Salvage Harvest:			-
Forest Unit Subtotal:				3,013
OCL	Harvest:	OCL-EXT-OCL	0	-
	Salvage Harvest:			-
	Forest Unit Subtotal:			-
OTH	Harvest:	OTH-EXT-OTH	67	67
	Salvage Harvest:			-
	Forest Unit Subtotal:			67
PJD	Harvest:	PJD-BA1-PJD	657	657
	Salvage Harvest:			-
	Forest Unit Subtotal:			657
PJM	Harvest:	PJM-BA1-PJD	1,327	1,327
		PJM-BA1-PJM	203	203
		PJM-BA1-SPM	2	2
	Salvage Harvest:			-
Forest Unit Subtotal:				2,189
POD	Harvest:	POD-EXT-POD	927	927
	Salvage Harvest:			-
	Forest Unit Subtotal:			927
SBL	Harvest:	SBL-EXT-SBL	0.4	0.4
	Salvage Harvest:			-
	Forest Unit Subtotal:			0.4
SPD	Harvest:	SPD-BA1-SPD	160	160
	Salvage Harvest:			-
	Forest Unit Subtotal:			160
SPM	Harvest:	SPM-BA1-SPM	405	405
	Salvage Harvest:			-
	Forest Unit Subtotal:			405
TOTAL for FMP PERIOD:			8,775	8,698