

2024 – 2034
Forest Management Plan
for the
Whiskey Jack Forest



Photo Credit: Claire Hensrud

Forest Management Plan Tables

List 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-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: Whiskey Jack Forest (MU 490)
 PLAN PERIOD: April 1, 2024 to March 31, 2034

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	163,843.7	42,169.0	3,121.8	209,134.5	WAT	
Other Land						
Agricultural Land				0.0	DAL	
Grass & Meadow	53.7	0.4		54.2	GRS	
Unclassified	3,333.2	86.6	312.5	3,732.2	UCL, RRR, BFL, PIT	
Other (Non-forested islands)	1,383.5	496.0	4.5	1,884.0	ISL	
Subtotal Non-Forested	168,614.1	42,752.0	3,438.7	214,804.9		
Forested						
Non-Productive Forest						
Treed Muskeg	4,254.3	228.5	0.2	4,483.0	TMS	
Open Muskeg	36,298.9	1,809.7	80.4	38,189.0	OMS	
Brush & Alder	10,056.4	333.7	12.1	10,402.2	BSH	
Rock	19.9	3.6		23.5	RCK	
Subtotal Non-Productive	50,629.4	2,375.5	92.7	53,097.6		
Productive Forest						
Protection Forest						
Site	3,920.3	136.7	167.2	4,224.2	FOR, FORMOD=PF	PF, MGMTCON1<> ISLD
Islands				0.0	FOR, FORMOD=PF	PF, MGMTCON1=ISLD
Subtotal Protection	3,920.3	136.7	167.2	4,224.2		
Production Forest						
Recent Disturbance	8,858.4	3.5	0.2	8,862.1	FOR, FORMOD=RP	DEPHARV, DEP NAT
(1) Below Regeneration Standards	2,030.2	45.7	1.3	2,077.2	FOR, FORMOD=RP	LOWMGMT, LOWSEED, LOWPLANT, LOWNAT
- Older low stocked stands						
(2) Below Regeneration Standards	9,034.6	330.1	0.0	9,364.8	FOR, FORMOD=RP	NEWMGMT, NEWSEED, NEWPLANT, NEWNAT
- Recent not yet FTG						
Forest Stands	714,405.1	43,573.0	1,370.9	759,349.0	FOR, FORMOD=RP	All except 3 lines above.
Subtotal Production	734,328.3	43,952.3	1,372.5	779,653.1		
Subtotal Productive	738,248.6	44,089.0	1,539.6	783,877.3		
Subtotal Forested	788,878.0	46,464.6	1,632.4	836,974.9		
Total	957,492.0	89,216.6	5,071.1	1,051,779.8		
	Total Crown:	1,046,708.6				

DATA SOURCE: Base Model Inventory MU490_24BMI00

April 19, 2023.

MANAGEMENT UNIT NAME: Whiskey Jack Forest (MU 490)
 PLAN PERIOD: April 1, 2024 to March 31, 2034

FMP-2 DESCRIPTION OF FOREST UNITS

Forest Unit		Crown, Managed Production Forest Ecosite(s) * (descending order of occurrence)	Regional Standard Forest Unit (descending order of occurrence)	Silvicultural System	FRI Parameters & Criteria (sort based on Regional Forest Unit classification) "cn" is scripting for 'contains'	Crown Forest Area (OWNER = 1, 5, 7)	
Code	Name					ha	%
BFM	Balsam Fir Mix	B050, B052, B101 , B099, B065, B067, B012, B083, B085, B048, B014, B116, B037	BfMx1, BfPur	Clearcut	NWSFU cn 'bfpur' or NWSFU cn 'bfmx1'	26,616	3%
CMX	Conifer Mix	B050, B049, B012 , B099, B065, B052, B051, B048, B055, B114, B083, B035, B101, B066, B100, B067, B011, B115, B097, B104, B116, B098, B053, B085	ConMx, UpIcE	Clearcut	NWSFU cn 'conmx' or NWSFU cn 'uplce'	119,352	15%
HMX	Hardwood Mix	B055, B104, B050 , B070, B088, B119, B099, B052, B054, B065, B016, B012, B049, B101, B083, B040, B067, B114	HrdMw	Clearcut	NWSFU cn 'hrdmw'	80,185	10%
HRD	Hardwood Dominant	B055, B104 , B070, B130, B119, B088, B054, B016, B071, B120, B050, B040, B049	HrDom, BwDee, OthHd, BwSha	Clearcut	NWSFU cn 'hrdom' or NWSFU cn 'bwdee' or NWSFU cn 'bwsha' or NWSFU cn 'othhd'	85,725	11%
PJD	Jack Pine Dominant	B049, B012 , B050, B034, B098, B082, B099, B065	PjDee, PjSha	Clearcut	NWSFU cn 'pjdee' or NWSFU cn 'pjsha'	120,386	15%
PJM	Jack Pine Mix	B049, B012, B050 , B065, B098, B099, B034, B048, B082, B011, B035, B083	PjMx1	Clearcut	NWSFU cn 'pjmx1'	70,391	9%
POD	Poplar Dominant	B055, B104 , B088, B070, B119, B049	PoDee, PoSha	Clearcut	NWSFU cn 'podee' or NWSFU cn 'posha'	48,642	6%
PRW	Red Pine and White Pine Mix	B048, B097 , B011, B054	PrwMx, PwDom, PrDom	Clearcut	NWSFU cn 'pwwdom' or NWSFU cn 'prdom' or NWSFU cn 'prwmx'	3,588	0%
SBD	Spruce Dominant	B049, B050, B012 , B065, B098, B114, B082, B099, B034, B055, B083, B024	SbDee, SbSha	Clearcut	NWSFU cn 'sbdee' or NWSFU cn 'sbsha'	94,417	12%
SBL	Spruce Lowland	B128, B127 , B129, B136, B223, B222, B126	SbLow, OCLow	Clearcut	NWSFU cn 'sblow' or NWSFU cn 'oclow'	58,977	8%
SBM	Spruce Mix	B049, B050, B012 , B065, B098, B099, B048, B052, B034, B082, B011, B101, B067, B055, B083, B114, B035	SbMx1	Clearcut	NWSFU cn 'sbmx1'	74,058	9%
						782,337	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: Whiskey Jack Forest (MU 490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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		449.3	clearcut	278.5
	21-40		4,568.8	clearcut	1,008.3
	41-60		4,149.7	clearcut	709.0
	61-80		2,640.7	clearcut	597.0
	81-100		6,334.0	clearcut	902.5
	101-120		2,423.9	clearcut	344.7
	121-140		237.7	clearcut	19.7
	141+		13.3	clearcut	9.0
BFM	Subtotal	0.0	20,817.3		3,868.9
CMX	0-20		2,703.6	clearcut	1,793.0
	21-40		15,593.2	clearcut	4,320.4
	41-60	22.2	15,136.9	clearcut	7,662.0
	61-80		9,362.0	clearcut	3,822.0
	81-100	90.7	26,516.0	clearcut	9,734.2
	101-120		10,785.6	clearcut	2,690.3
	121-140		793.7	clearcut	304.7
	141+		55.1	clearcut	123.9
CMX	Subtotal	112.9	80,946.1		30,450.6
HMX	0-20		2,358.9	clearcut	2,012.2
	21-40		8,971.2	clearcut	2,113.5
	41-60		10,728.0	clearcut	3,647.0
	61-80	14.4	10,347.9	clearcut	4,833.2
	81-100	100.0	18,946.5	clearcut	6,346.6
	101-120		4,447.8	clearcut	456.6
	121-140	0.7	84.1	clearcut	101.5
	141+		0.0	clearcut	0.0
HMX	Subtotal	115.1	55,884.3		19,510.7
HRD	0-20		1,070.4	clearcut	2,228.4
	21-40		4,828.2	clearcut	1,016.2
	41-60		9,844.6	clearcut	3,686.7
	61-80		14,403.7	clearcut	6,308.4
	81-100	4.5	24,839.1	clearcut	8,050.7
	101-120	3.5	1,804.6	clearcut	295.9
	121-140		19.7	clearcut	26.7
	141+		0.0	clearcut	0.0
HRD	Subtotal	8.0	56,810.3		21,612.9
PJD	0-20		2,841.3	clearcut	3,591.1
	21-40	64.4	22,415.1	clearcut	5,395.9
	41-60	606.5	37,326.5	clearcut	15,377.8
	61-80	49.8	1,440.0	clearcut	980.5
	81-100	260.8	9,248.5	clearcut	7,325.7
	101-120	46.4	3,433.8	clearcut	1,772.3
	121-140		278.4	clearcut	29.3
	141+	2.5	74.7	clearcut	14.7
PJD	Subtotal	1,030.5	77,058.2		34,487.2

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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		1,455.8	clearcut	954.0
	21-40		12,712.4	clearcut	2,145.9
	41-60	47.6	9,017.6	clearcut	3,318.7
	61-80	25.0	1,761.7	clearcut	1,494.7
	81-100	149.4	16,785.7	clearcut	6,341.4
	101-120	74.8	7,586.6	clearcut	2,984.0
	121-140	27.1	217.6	clearcut	0.0
	141+		0.0	clearcut	0.0
PJM	Subtotal	323.9	49,537.3		17,238.8
POD	0-20		3,619.6	clearcut	1,458.9
	21-40		4,512.8	clearcut	746.2
	41-60		4,724.6	clearcut	1,510.6
	61-80		5,650.4	clearcut	2,781.7
	81-100	26.0	16,422.7	clearcut	2,287.4
	101-120		1,353.0	clearcut	96.1
	121-140		28.2	clearcut	0.0
	141+		0.0	clearcut	0.0
POD	Subtotal	26.0	36,311.4		8,880.9
PRW	0-20		41.0	clearcut	114.7
	21-40		229.0	clearcut	22.7
	41-60		6.8	clearcut	114.1
	61-80		72.9	clearcut	130.6
	81-100		301.1	clearcut	483.2
	101-120		337.4	clearcut	145.1
	121-140		11.8	clearcut	26.4
	141+		23.6	clearcut	45.6
PRW	Subtotal	0.0	1,023.7		1,082.5
SBD	0-20		2,786.8	clearcut	3,900.8
	21-40		17,036.9	clearcut	3,298.3
	41-60		2,928.0	clearcut	756.7
	61-80		5,296.5	clearcut	5,790.9
	81-100		29,072.3	clearcut	10,686.1
	101-120	20.0	8,476.2	clearcut	1,711.7
	121-140	1.2	921.4	clearcut	163.3
	141+		34.8	clearcut	0.0
SBD	Subtotal	21.2	66,552.9		26,307.6
SBL	0-20	4.5	595.8	clearcut	556.4
	21-40		3,358.8	clearcut	682.7
	41-60	5.1	4,928.1	clearcut	791.5
	61-80	111.1	2,487.2	clearcut	1,760.5
	81-100	809.0	9,620.0	clearcut	6,113.0
	101-120	888.5	12,912.1	clearcut	4,371.3
	121-140	283.3	4,375.8	clearcut	1,501.0
	141+	181.0	644.9	clearcut	690.2
SBL	Subtotal	2,282.7	38,922.7		16,466.7

MANAGEMENT UNIT NAME: Whiskey Jack Forest (MU 490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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		1,313.2	clearcut	1,333.0
	21-40		13,222.7	clearcut	1,760.8
	41-60		2,870.5	clearcut	1,532.9
	61-80		4,164.9	clearcut	2,569.9
	81-100		21,934.0	clearcut	6,575.7
	101-120		9,905.9	clearcut	2,134.4
	121-140		904.7	clearcut	275.6
	141+		14.2	clearcut	44.6
SBM Subtotal		0.0	54,330.2		16,227.0
Total All Forest Units	0-20	4.5	19,235.7	clearcut	18,221.0
	21-40	64.4	107,449.0	clearcut	22,510.9
	41-60	681.4	101,661.2	clearcut	39,107.0
	61-80	200.3	57,627.9	clearcut	31,069.4
	81-100	1,440.6	180,019.9	clearcut	64,846.6
	101-120	1,033.2	63,467.0	clearcut	17,002.5
	121-140	312.3	7,873.1	clearcut	2,448.3
	141+	183.5	860.7	clearcut	928.1
Total All Forest Units		3,920.3	538,194.5		196,133.8
Total Production Forest:					734,328.3
Total Productive Forest:					738,248.6

NOTE: The above table reflects the base model inventory and availability data (as estimated for strategic modelling).

Unavailable includes all of SMZA and CAR1 strategic management zones (MgRes, 507,249 ha), estimated reserves (EstRes, 26,416 ha), and Production Forest islands (Islnd, 4,530 ha).

MANAGEMENT UNIT NAME: Whiskey Jack Forest (490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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:	
Primary: HMX SBD HRD Secondary: POD CMX SBM BFM	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)	BFM	Bf 36 Sb 33 Bw 12 Sw 7 Pj 6 Po 6 Avg. Stocking: 0.60 Site Class: 1.4 Avg. Min. Operability Limit: 70 m3/ha Avg. Min. Operability Age: 71 years.	Species Composition Target: Bf 30 (Sb+Sw+Pj) 40 Bw 5 Po 5 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)				Performance:	
Forest Unit	Species Composition	SC	Stkg	Species Composition: Bf 30 (Sb+Sw+Pj) 40 Bw 5 Po 5 Site Index: 9.4 Site Occupancy: 800 WD stems/ha Assessment Year: 20 years post-harvest Assessment Method: See FMP Supp. Doc. H	
HMX	Po 36 Pj 23 Bw 21 Sb 15 Bf 4 Sw 1	1.9	0.69		
SBD	Sb 78 Pj 10 Bw 6 Bf 3 Po 2 Sw 1	1.3	0.57		
HRD	Po 47 Bw 27 Pj 13 Sb 9 Bf 2 Sw 1 LH 1	1.9	0.73		
Development Information					
BFM-MED yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 113 m3/ha @ age 155					
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 1200-1600 sph Sb, Pj	Chemical (ground) None Cleaning (manual) Cleaning (aerial)

NOTES:

2012-2024 SGRs include:

BFM-EXT-BFM

MANAGEMENT UNIT NAME: Whiskey Jack Forest (490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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:
Primary: CMX PJM SBM HMX Secondary: PJD SBD HRD POD BFM PRW	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'	Sb 46 Bw 17 Po 15 Bf 9 Pj 8 Sw 3 Ce 2 Avg. Stocking: 0.61 Site Class: 1.5 Avg. Min. Operability Limit: 75 m ³ /ha Avg. Min. Operability Age: 121 years.	Species Composition Target: Sb 45 Pj 5 Bf 5 Ce 2 Po+Bw 25 Target Site Occupancy: 800 WD stems/ha Site Occupancy Definition: 1:8 m ² 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)				Performance:
Forest Unit	Species Composition	SC	Stkg	Species Composition: Sb 45 Pj 5 Bf 5 Ce 2 Po+Bw 25 Site Index: 8.9 Site Occupancy: 800 WD stems/ha Assessment Year: 20 years post-harvest Assessment Method: See FMP Supp. Doc. H
CMX	Pj 45 Sb 18 Po 18 Bw 15 Bf 4	1.8	0.68	
PJM	Pj 57 Sb 29 Bw 7 Po 6 Bf 1	2.2	0.70	
SBM	Sb 55 Pj 29 Bw 8 Po 4 Sw 2 Bf 2 Pr 1	1.4	0.62	
HMX	Po 36 Pj 23 Bw 21 Sb 15 Bf 4 Sw 1	1.9	0.69	
Development Information				
CMX-LOW yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 73 m ³ /ha @ age 145				

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

NOTES:

2012-2024 SGRs include:

CMX-EXT-CMX	BFM-EXT-CMX	HMX-BA1-CMX
PRW-EXT-CMX	CMX-BA1-CMX	PJM-EXT-CMX
SPD-EXT-CMX	HMX-EXT-CMX	SPM-EXT-CMX

MANAGEMENT UNIT NAME: Whiskey Jack Forest (490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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	<u>Establishment:</u>		
Primary: PJM PJD CMX HMX Secondary: HRD	Shallow - Dry to Humid (ecosites 8-28), or			CMX PLANFU sort = NWSFU cn 'conmx' or NWSFU cn 'uplce'	Pj 47 Po 19 Sb 17 Bw 12 Bf 4 Sw 1 Avg. Stocking: 0.66 Site Class: 2.0 Avg. Min. Operability Limit: 75 m3/ha Avg. Min. Operability Age: 61 years.	Species Composition Target: Pj 45 Sp 15 Ce 5 Bf 5 Po+Bw 25		
	Upland Coarse - Dry - Sandy (ecosites 29-43), or					Target Site Occupancy: 825 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 2200 stems/ha		
Upland Coarse - Fresh to Moist - Sandy to Coarse Loam (ecosites 44-76), or					Min. Height: Po/Bw >= 1.2m, Conifer >= 0.5 m			
Upland Fine - Fresh to Moist - Fine, Loamy, Sandy, Silty, Clayey (ecosites 77-125)					Assessment Period: 7 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3			
Additional Information (avg. area weighted values)				Development Information		<u>Performance:</u>		
Forest Unit	Species Composition		SC	Stkg	CMX-MED yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 100 m3/ha @ age 95		Species Composition: Pj 45 Sp 15 Ce 5 Bf 5 Po+Bw 25	
PJM	Pj 57 Sb 29 Bw 7 Po 6 Bf 1		2.2	0.70			Site Index: 15.8	
PJD	Pj 79 Sb 10 Po 6 Bw 5		2.1	0.77			Site Occupancy: 825 WD stems/ha	
CMX	Pj 45 Sb 18 Po 18 Bw 15 Bf 4		1.8	0.68			Assessment Year: 20 years post-harvest	
HMX	Po 36 Pj 23 Bw 21 Sb 15 Bf 4 Sw 1		1.9	0.69			Assessment Method: See FMP Supp. Doc. H	

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	Mechanical	Plant 1200-1600 sph Pj, Sb (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:

2012-2024 SGRs include:

CMX-EXT-CMX
 PRW-EXT-CMX
 SPD-EXT-CMX

BFM-EXT-CMX
 CMX-BA1-CMX
 HMX-EXT-CMX

HMX-BA1-CMX
 PJM-EXT-CMX
 SPM-EXT-CMX

MANAGEMENT UNIT NAME: Whiskey Jack Forest (490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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:
Primary: HMX CMX HRD PJD Secondary: POD PJM SBM BFM	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	Po 35 Sb 24 Bw 21 Pj 8 Bf 8 Sw 4 Avg. Stocking: 0.63 Site Class: 2.1 Avg. Min. Operability Limit: 70 m3/ha Avg. Min. Operability Age: 51 years.	Species Composition Target: Po 35 (Sb+Sw) 20 Bw 15 Pj 5 Bf 5 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: 4 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3
Additional Information (avg. area weighted values)				Performance:
Forest Unit	Species Composition	SC	Stkg	Species Composition: Po 35 (Sb+Sw) 20 Bw 15 Pj 5 Bf 5 Site Index: 20.1 Site Occupancy: 800 WD stems/ha Assessment Year: 20 years post-harvest Assessment Method: See FMP Supp. Doc. H
HMX	Po 36 Pj 23 Bw 21 Sb 15 Bf 4 Sw 1	1.9	0.69	
CMX	Pj 45 Sb 18 Po 18 Bw 15 Bf 4	1.8	0.68	
HRD	Po 47 Bw 27 Pj 13 Sb 9 Bf 2 Sw 1 LH 1	1.9	0.73	
PJD	Pj 79 Sb 10 Po 6 Bw 5	2.1	0.77	
Development Information				
HMX-MED yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 118 m3/ha @ age 105				

	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		Plant 1200-1600 sph Pj, Sb <i>(plant to increase conifer component in HMX)</i>	Chemical (ground spot spray, not broadcast)

NOTES:

2012-2024 SGRs include:

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

OTH-EXT-HMX
 SPM-EXT-HMX

MANAGEMENT UNIT NAME: Whiskey Jack Forest (490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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:
Primary: HRD PJD HMX CMX Secondary: PJM POD SBM SBD BFM	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 42 Bw 30 Sb 14 Sw 4 Bf 4 LH 4 Pj 2 Avg. Stocking: 0.66 Site Class: 2.2 Avg. Min. Operability Limit: 80 m3/ha Avg. Min. Operability Age: 51 years.	Species Composition Target: Po 40 Bw 15 Sp 10 Pj 2 Bf 2 Lh 2 Target Site Occupancy: 825 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)				Performance:
Forest Unit	Species Composition	SC	Stkg	Species Composition: Po 40 Bw 15 Sp 10 Pj 2 Bf 2 Lh 2 Site Index: 19.7 Site Occupancy: 825 WD stems/ha Assessment Year: 20 years post-harvest Assessment Method: See FMP Supp. Doc. H
HRD	Po 47 Bw 27 Pj 13 Sb 9 Bf 2 Sw 1 LH 1	1.9	0.73	
PJD	Pj 79 Sb 10 Po 6 Bw 5	2.1	0.77	
HMX	Po 36 Pj 23 Bw 21 Sb 15 Bf 4 Sw 1	1.9	0.69	
CMX	Pj 45 Sb 18 Po 18 Bw 15 Bf 4	1.8	0.68	
Development Information				
HRD-MED yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 112 m3/ha @ age 95				

	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		Plant 1200-1600 sph Pj, Sb (plant to increase conifer component in HRD)	Chemical (ground spot spray, not broadcast)

NOTES:

2012-2024 SGRs include:

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

OTH-EXT-HMX
 SPM-EXT-HMX

MANAGEMENT UNIT NAME: Whiskey Jack Forest (490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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	<u>Establishment:</u>	
Primary: PJD PJM CMX SBM Secondary: HMX 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)			PJD	Pj 75 Sb 17 Bw 4 Po 3 Bf 1 Avg. Stocking: 0.61 Site Class: 1.5 Avg. Min. Operability Limit: 70 m3/ha Avg. Min. Operability Age: 81 years.	Species Composition Target: Pj 75 Sb 15 Bw 3 Po 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		<u>Performance:</u>	
Forest Unit	Species Composition		SC	Stkg	PJD-LOW yield curve:		Species Composition: Pj 75 Sb 15 Bw 3 Po 3 Site Index: 13.6 Site Occupancy: 800 WD stems/ha Assessment Year: 20 years post-harvest Assessment Method: See FMP Supp. Doc. H
PJD	Pj 79 Sb 10 Po 6 Bw 5		2.1	0.77	Harvest origin stands.		
PJM	Pj 57 Sb 29 Bw 7 Po 6 Bf 1		2.2	0.70	Natural Yield Curve Builder: Peak 77 m3/ha @ age 105		
CMX	Pj 45 Sb 18 Po 18 Bw 15 Bf 4		1.8	0.68			
SBM	Sb 55 Pj 29 Bw 8 Po 4 Sw 2 Bf 2 Pr 1		1.4	0.62			

	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:

2012-2024 SGRs include:

CMX-INT-PJD	PJM-BA1-PJD	PJD-EXT-PJD
PJD-INT-PJD	SPM-BA1-PJD	PJM-EXT-PJD
PJM-INT-PJD	SPM-INT-PJD	PJD-BA1-PJD
	CMX-BA1-PJD	

MANAGEMENT UNIT NAME: Whiskey Jack Forest (490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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	<u>Establishment:</u>		
Primary: PJD PJM CMX SBM	Shallow - Dry to Humid (ecosites 8-28), or Upland Coarse - Dry - Sandy (ecosites 29-43), or			PJD	Pj 79 Sb 14 Po 4 Bw 3 Avg. Stocking: 0.73 Site Class: 2.0	Species Composition Target: Pj 75 Sp 10 Po 3 Bw 2		
Secondary: BFM SBD HMX	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)				PLANFU sort = NWSFU cn 'pjdee' or NWSFU cn 'pjsha'	Avg. Min. Operability Limit: 85 m3/ha Avg. Min. Operability Age: 51 years.	Target Site Occupancy: 900 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 2200 stems/ha	
Additional Information (avg. area weighted values)				Development Information		<u>Performance:</u>		
Forest Unit	Species Composition		SC	Stkg	PJD-MED yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 111 m3/ha @ age 95		Species Composition: Pj 75 Sp 10 Po 3 Bw 2	
PJD	Pj 79 Sb 10 Po 6 Bw 5		2.1	0.77			Site Index: 15.8	
PJM	Pj 57 Sb 29 Bw 7 Po 6 Bf 1		2.2	0.70			Site Occupancy: 900 WD stems/ha	
CMX	Pj 45 Sb 18 Po 18 Bw 15 Bf 4		1.8	0.68			Assessment Year: 20 years post-harvest	
SBM	Sb 55 Pj 29 Bw 8 Po 4 Sw 2 Bf 2 Pr 1		1.4	0.62			Assessment Method: See FMP Supp. Doc. H	

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

NOTES:

2012-2024 SGRs include:

CMX-INT-PJD
PJD-INT-PJD
PJM-INT-PJD
PJM-BA1-PJD

SPM-BA1-PJD
SPM-INT-PJD
CMX-BA1-PJD

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

MANAGEMENT UNIT NAME: Whiskey Jack Forest (490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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	<u>Establishment:</u>	
Primary: PJD PJM CMX SBD Secondary: SBM HMX	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	Pj 81 Sb 12 Po 4 Bw 3 Avg. Stocking: 0.78 Site Class: 1.0 Avg. Min. Operability Limit: 85 m3/ha Avg. Min. Operability Age: 41 years.	Species Composition Target: Pj 80 Sp 10 Po 2 Bw 2 Target Site Occupancy: 975 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		<u>Performance:</u>	
Forest Unit	Species Composition		SC	Stkg	PJD-HIGH yield curve:		Species Composition:
PJD	Pj 79 Sb 10 Po 6 Bw 5		2.1	0.77	Harvest origin stands.		Pj 80 Sp 10 Po 2 Bw 2
PJM	Pj 57 Sb 29 Bw 7 Po 6 Bf 1		2.2	0.70	Natural Yield Curve Builder:		Site Index: 18.8
CMX	Pj 45 Sb 18 Po 18 Bw 15 Bf 4		1.8	0.68	Peak 157 m3/ha @ age 95		Site Occupancy: 975 WD stems/ha
SBD	Sb 78 Pj 10 Bw 6 Bf 3 Po 2 Sw 1		1.3	0.57			Assessment Year: 20 years post-harvest Assessment Method: See FMP Supp. Doc. H

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

NOTES:

2012-2024 SGRs include:

CMX-INT-PJD	SPM-BA1-PJD	PJD-EXT-PJD
PJD-INT-PJD	SPM-INT-PJD	PJM-EXT-PJD
PJM-INT-PJD	CMX-BA1-PJD	PJD-BA1-PJD
PJM-BA1-PJD		

MANAGEMENT UNIT NAME: Whiskey Jack Forest (490)
 PLAN PERIOD: April 1, 2024 to March 31, 2034

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	<u>Establishment:</u>	
Primary: PJM PJD CMX SBM	Shallow - Dry to Humid (ecosites 8-28), or Upland Coarse - Dry - Sandy (ecosites 29-43), or			PJM	Pj 54 Sb 31 Bw 7 Po 5 Bf 2 Pr 1 Avg. Stocking: 0.64 Site Class: 3.0	Species Composition Target: Pj 50 Sp 25 Po 5 Bw 5 Pr 1 and (Bf<10)	
Secondary: BFM SBD	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)					PLANFU sort = NWSFU cn 'pjmX1'	Target Site Occupancy: 800 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 1600 stems/ha
Additional Information (avg. area weighted values)				Development Information			
Forest Unit	Species Composition		SC	Stkg	Performance: Species Composition: Pj 50 Sp 25 Po 5 Bw 5 Pr 1 and (Bf<10) Site Index: 12.7 Site Occupancy: 800 WD stems/ha Assessment Year: 20 years post-harvest Assessment Method: See FMP Supp. Doc. H		
PJM	Pj 57 Sb 29 Bw 7 Po 6 Bf 1		2.2	0.70			
PJD	Pj 79 Sb 10 Po 6 Bw 5		2.1	0.77			
CMX	Pj 45 Sb 18 Po 18 Bw 15 Bf 4		1.8	0.68			
SBM	Sb 55 Pj 29 Bw 8 Po 4 Sw 2 Bf 2 Pr 1		1.4	0.62			
				PJM-LOW yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 67 m3/ha @ age 95			

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

NOTES:

2012-2024 SGRs include:

CMX-BA1-PJM	BFM-BA1-PJM	HMX-BA1-PJM	PJM-INT-PJM	SPM-BA1-PJM
PJD-EXT-PJM	CMX-INT-PJM	PJD-BA1-PJM	PRW-BA1-PJM	SPM-EXT-PJM
PJM-EXT-PJM	CMX-EXT-PJM	PJM-BA1-PJM	SPD-BA1-PJM	

MANAGEMENT UNIT NAME: Whiskey Jack Forest (490)
 PLAN PERIOD: April 1, 2024 to March 31, 2034

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:
Primary: PJM PJD CMX SBM Secondary: SBD HMX BFM POD	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 55 Sb 33 Po 6 Bw 5 Bf 1 Avg. Stocking: 0.67 Site Class: 1.7 Avg. Min. Operability Limit: 75 m3/ha Avg. Min. Operability Age: 51 years.	Species Composition Target: Pj 50 Sp 25 Po 5 Bw 5 Pr 1 and (Bf<10) Target Site Occupancy: 825 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)				Performance:
Forest Unit	Species Composition	SC	Stkg	Species Composition: Pj 50 Sp 25 Po 5 Bw 5 Pr 1 and (Bf<10) Site Index: 16.7 Site Occupancy: 825 WD stems/ha Assessment Year: 20 years post-harvest Assessment Method: See FMP Supp. Doc. H
PJM	Pj 57 Sb 29 Bw 7 Po 6 Bf 1	2.2	0.70	
PJD	Pj 79 Sb 10 Po 6 Bw 5	2.1	0.77	
CMX	Pj 45 Sb 18 Po 18 Bw 15 Bf 4	1.8	0.68	
SBM	Sb 55 Pj 29 Bw 8 Po 4 Sw 2 Bf 2 Pr 1	1.4	0.62	
Development Information				
PJM-MED yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 100 m3/ha @ age 95				

	Silvicultural Treatments				
	Harvest Method	Logging Method	Site Preparation	Regeneration	Tending
Most Common Treatment Package	Clearcut	Full Tree	Mechanical	Plant 1200-1600 sph Pj, Sb (with >400 sph ingress Pj, Sb)	None
Acceptable Alternative Treatments		Tree Length Cut-To-Length	Manual None	Aerial Seed Pj 30,000 sph Natural Seed	Chemical (ground) Chemical (aerial) Cleaning (manual) Cleaning (mechanical)

NOTES:
 2012-2024 SGRs include:

BFM-BA1-PJM	PRW-BA1-PJM			
CMX-BA1-PJM	BFM-BA1-PJM	HMX-BA1-PJM	PJM-INT-PJM	SPM-BA1-PJM
PJD-EXT-PJM	CMX-INT-PJM	PJD-BA1-PJM	PRW-BA1-PJM	SPM-EXT-PJM
PJM-EXT-PJM	CMX-EXT-PJM	PJM-BA1-PJM	SPD-BA1-PJM	

MANAGEMENT UNIT NAME: Whiskey Jack Forest (490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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:
Primary: POD HRD HMX CMX Secondary: PJM BFM SBD SBM	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 75 Sb 11 Bw 7 Bf 3 Sw 2 Pj 1 LH 1 Avg. Stocking: 0.64 Site Class: 3.0 Avg. Min. Operability Limit: 100 m3/ha Avg. Min. Operability Age: 71 years.	Species Composition Target: Po 70 Sp 10 Bw 5 Bf 1 Pj 1 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: 4 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3
Additional Information (avg. area weighted values)				Performance:
Forest Unit	Species Composition	SC	Stkg	Species Composition: Po 75 Sp 10 Bw 5 Bf 1 Pj 1 Site Index: 16.7 Site Occupancy: 800 WD stems/ha Assessment Year: 20 years post-harvest Assessment Method: See FMP Supp. Doc. H
POD	Po 75 Pj 10 Bw 8 Sb 6 Bf 1	1.9	0.75	
HRD	Po 47 Bw 27 Pj 13 Sb 9 Bf 2 Sw 1 LH 1	1.9	0.73	
HMX	Po 36 Pj 23 Bw 21 Sb 15 Bf 4 Sw 1	1.9	0.69	
CMX	Pj 45 Sb 18 Po 18 Bw 15 Bf 4	1.8	0.68	
Development Information				
POD-MED yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 78 m3/ha @ age 95				

	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:

2012-2024 SGRs include:

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

POD-EXT-POD

MANAGEMENT UNIT NAME: Whiskey Jack Forest (490)
 PLAN PERIOD: April 1, 2024 to March 31, 2034

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	Establishment:
Primary: POD HRD HMX CMX Secondary: PJM BFM SBD SBM	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 76 Sb 9 Bw 7 Pj 3 Bf 3 Sw 2 Avg. Stocking: 0.72 Site Class: 1.8 Avg. Min. Operability Limit: 100 m3/ha Avg. Min. Operability Age: 61 years.	Species Composition Target: Po 70 Sp 5 Bw 4 Pj 2 Bf 1 Target Site Occupancy: 900 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
Additional Information (avg. area weighted values)				Performance:
Forest Unit	Species Composition	SC	Stkg	Species Composition: Po 75 Sp 10 Bw 5 Bf 1 Pj 1 Site Index: 21.3 Site Occupancy: 900 WD stems/ha Assessment Year: 20 years post-harvest Assessment Method: See FMP Supp. Doc. H
POD	Po 75 Pj 10 Bw 8 Sb 6 Bf 1	1.9	0.75	
HRD	Po 47 Bw 27 Pj 13 Sb 9 Bf 2 Sw 1 LH 1	1.9	0.73	
HMX	Po 36 Pj 23 Bw 21 Sb 15 Bf 4 Sw 1	1.9	0.69	
CMX	Pj 45 Sb 18 Po 18 Bw 15 Bf 4	1.8	0.68	
Development Information				
POD-HIGH yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 134 m3/ha @ age 95				

	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:
 2012-2024 SGRs include: HMX-EXT-POD POD-EXT-POD
 BFM-EXT-POD
 CMX-EXT-POD

MANAGEMENT UNIT NAME: Whiskey Jack Forest (490)
 PLAN PERIOD: April 1, 2024 to March 31, 2034

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:
Primary: PRW (W) PJD Secondary: HRD BFM	Shallow - Dry to Humid (ecosites 8-28) or Upland Fine - Fresh to Mosit - Fine, Loamy, Sandy, Silty, Clayey (ecosites 77-125)	PRW PLANFU sort = NWSFU cn 'pwwdm' or NWSFU cn 'prdm' or NWSFU cn 'prwmx'	Pw 44 Bw 14 Po 13 Pr 12 Bf 6 Ce 4 Sb 3 Pj 2 UH 1 LH 1 Avg. Stocking: 0.60 Site Class: 1.9 Avg. Min. Operability Limit: 160 m3/ha Avg. Min. Operability Age: 111 years.	Species Composition Target: Pw 40 Pr 10 Po 5 Bw 5 Sb 2 Pj 2 Ce 2 Target Site Occupancy: 800 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 1800 stems/ha Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m Assessment Period: 7 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3
Additional Information (avg. area weighted values)				Performance:
Forest Unit	Species Composition	SC	Stkg	Species Composition:
PRW (W)	Pw 50 Bf 17 Po 15 Bw 12 Pr 3 Sb 3	1.3	0.55	Pw 40 Pr 10 Po 5 Bw 5 Sb 2 Pj 2 Ce 2
PJD	Pj 79 Sb 10 Po 6 Bw 5	2.1	0.77	Site Index: 14.3
				Site Occupancy: 800 WD stems/ha
				Assessment Year: 20 years post-harvest
				Assessment Method: See FMP Supp. Doc. H
Development Information				
PRW-LOW yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 188 m3/ha @ age 145				

	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:

2012-2024 SGRs include:

PRW-INT-PRW
 PRW-EXT-PRW
 CMX-BA1-PRW

CMX-INT-PRW
 PRW-BA1-PRW

MANAGEMENT UNIT NAME: Whiskey Jack Forest (490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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	<u>Establishment:</u>	
Primary: PRW PJD Secondary: BFM CMX HRD	Shallow - Dry to Humid (ecosites 8-28) or Upland Fine - Fresh to Mosit - Fine, Loamy, Sandy, Silty, Clayey (ecosites 77-125)			PRW	Pr 51 Sb 12 Bw 11 Pw 10 Po 7 Pj 5 Bf 3 Sw 1 Avg. Stocking: 0.69 Site Class: 2.3 Avg. Min. Operability Limit: 170 m3/ha Avg. Min. Operability Age: 91 years.	Species Composition Target: Pr 35 Pw 10 Sp 10 Pj 5 Po 3 Target Site Occupancy: 850 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		<u>Performance:</u>	
Forest Unit	Species Composition		SC	Stkg	PRW-MED yield curve:		Species Composition:
PRW	Pr 52 Pj 29 Sb 10 Pw 4 Bw 4 Po 1		1.9	0.86	Harvest origin stands.		Pr 55 Sp 10 Pj 5 Po 5 Bw 5 Bf 2
PJD	Pj 79 Sb 10 Po 6 Bw 5		2.1	0.77	Natural Yield Curve Builder: Peak 246 m3/ha @ age 155		Site Index: 14.9
							Site Occupancy: 850 WD stems/ha
							Assessment Year: 20 years post-harvest
							Assessment Method: See FMP Supp. Doc. H

	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:

2012-2024 SGRs include:

PRW-INT-PRW
 PRW-EXT-PRW
 CMX-BA1-PRW

CMX-INT-PRW
 PRW-BA1-PRW

MANAGEMENT UNIT NAME: Whiskey Jack Forest (490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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:
Primary: PRW PJD Secondary: BFM CMX HRD	Shallow - Dry to Humid (ecosites 8-28) 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 52 Pj 14 Sb 12 Bw 9 Po 5 Pw 4 Bf 4 Avg. Stocking: 0.67 Site Class: 0.9 Avg. Min. Operability Limit: 170 m3/ha Avg. Min. Operability Age: 71 years.	Species Composition Target: Pr 50 Pj 10 Sp 10 Bw 5 Po 3 Pw 3 Bf 1 Target Site Occupancy: 825 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)				Performance:
Forest Unit	Species Composition	SC	Stkg	Species Composition: Pr 50 Pj 10 Sp 10 Bw 5 Po 3 Pw 3 Bf 1 Site Index: 19.3 Site Occupancy: 825 WD stems/ha Assessment Year: 20 years post-harvest Assessment Method: See FMP Supp. Doc. H
PRW	Pr 52 Pj 29 Sb 10 Pw 4 Bw 4 Po 1	1.9	0.86	Development Information PRW-HIGH yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 363 m3/ha @ age 145
PJD	Pj 79 Sb 10 Po 6 Bw 5	2.1	0.77	

	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:

2012-2024 SGRs include:

PRW-INT-PRW
 PRW-EXT-PRW
 CMX-BA1-PRW

CMX-INT-PRW
 PRW-BA1-PRW

MANAGEMENT UNIT NAME: Whiskey Jack Forest (490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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:
Primary: SBD SBM PJM PJD	Shallow - Dry to Humid (ecosites 8-28) or Upland Coarse - Dry - Sandy (ecosites 29-43), or			SBD	Sb 79 Pj 9 Bw 5 Bf 3 Po 3 Sw 1 Avg. Stocking: 0.64 Site Class: 1.4	Species Composition Target: Sp 75 Pj 5 Bw 2 Po 2 Bf 1 Target Site Occupancy: 800 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 2200 stems/ha
Secondary: BFM CMX HRD POD	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)					
Additional Information (avg. area weighted values)				Development Information		Performance:
Forest Unit	Species Composition	SC	Stkg	SBD-MED yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 112 m3/ha @ age 135		Assessment Period: 7 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3 Species Composition: Sp 75 Pj 5 Bw 2 Po 2 Bf 1 Site Index: 9.2 Site Occupancy: 800 WD stems/ha Assessment Year: 20 years post-harvest Assessment Method: See FMP Supp. Doc. H
SBD	Sb 78 Pj 10 Bw 6 Bf 3 Po 2 Sw 1	1.3	0.57			
SBM	Sb 55 Pj 29 Bw 8 Po 4 Sw 2 Bf 2 Pr 1	1.4	0.62			
PJM	Pj 57 Sb 29 Bw 7 Po 6 Bf 1	2.2	0.70			
PJD	Pj 79 Sb 10 Po 6 Bw 5	2.1	0.77			

	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:

2012-2024 SGRs include:

BFM-BA1-SPD
CMX-BA1-SPD
CMX-INT-SBD

PJD-INT-SPD
PJM-INT-SPD
SPD-BA1-SPD

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

SPM-EXT-SPD
SPM-INT-SPD

MANAGEMENT UNIT NAME: Whiskey Jack Forest (490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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	<u>Establishment:</u>		
Primary: SBL	Lowland - Hydric, Variable textures (ecosites 126-224)			SBL	Sb 79 La 13 Ce 2 Bw 2 Pj 1 Bf 1 Po 1 LH 1 Avg. Stocking: 0.57 Site Class: 2.3 Avg. Min. Operability Limit: 60 m3/ha Avg. Min. Operability Age: 111 years.	Species Composition Target: Sp 75 La 10 Ce 2 Pj 1 Lh 1		
Secondary:						Target Site Occupancy: 800 WD stems/ha Site Occupancy Definition: 1:8 m2 Target Effective Density: 1600 stems/ha Min. Height: Po/Bw>= 1.2m, Conifer >=0.5 m Assessment Period: 12 years post-harvest (estimate) Assessment Method: See FMP Text Section 4.7.3		
Additional Information (avg. area weighted values)				Development Information		<u>Performance:</u>		
Forest Unit	Species Composition		SC	Stkg	SBL-LOW yield curve: Wet LOW land sites. Harvest origin stands. Natural Yield Curve Builder: Peak 79 m3/ha @ age 205		Species Composition: Sp 75 La 10 Ce 2 Pj 1 Lh 1	
SBL	Sb 80 La 12 Pj 5 Bw 2 LH 1		1.9	0.62			Site Index: 6.7	
							Site Occupancy: 800 WD stems/ha	
							Assessment Year: 20 years post-harvest	
							Assessment Method: See FMP Supp. Doc. H	

	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:

2012-2024 SGRs include:

OCL-EXT-OCL

SBL-EXT-SBL
SBL-BA1-SBL

MANAGEMENT UNIT NAME: Whiskey Jack Forest (490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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:
Primary: SBM PJM SBD PJD	Shallow - Dry to Humid (ecosites 8-28) or Upland Coarse - Dry - Sandy (ecosites 29-43), or			SBM	Sb 54 Pj 25 Bw 8 Po 5 Sw 4 Bf 3 Pr 1 Avg. Stocking: 0.62 Site Class: 2.0	Species Composition Target: Sp 50 Pj 25 Bw 5 Po 3 Pr 1 and (Bf<10)
Secondary: CMX HMX HRD POD	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)					PLANFU sort = NWSFU cn 'sbmx1'
Additional Information (avg. area weighted values)				Development Information		Performance:
Forest Unit	Species Composition	SC	Stkg	SBM-MED yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 104 m3/ha @ age135		Species Composition: Sp 50 Pj 25 Bw 5 Po 3 Pr 1 and (Bf<10)
SBM	Sb 55 Pj 29 Bw 8 Po 4 Sw 2 Bf 2 Pr 1	1.4	0.62			Site Index: 7.5
PJM	Pj 57 Sb 29 Bw 7 Po 6 Bf 1	2.2	0.70			Site Occupancy: 800 WD stems/ha
SBD	Sb 78 Pj 10 Bw 6 Bf 3 Po 2 Sw 1	1.3	0.57			Assessment Year: 20 years post-harvest
PJD	Pj 79 Sb 10 Po 6 Bw 5	2.1	0.77			Assessment Method: See FMP Supp. Doc. H

	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:

2012-2024 SGRs include:

SPD-BA1-SPM
BFM-BA1-SPM
CMX-BA1-SPM

CMX-INT-SBM
HMX-BA1-SPM
PJM-INT-SPM

PRW-BA1-SPM
SPD-INT-SPM
SPD-EXT-SPM

SPM-BA1-SPM
SPM-INT-SPM
SPM-EXT-SPM

MANAGEMENT UNIT NAME: Whiskey Jack Forest (490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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:
Primary: SBM CMX HMX SBD Secondary: PJM PJD BFM HRD POD	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 55 Pj 26 Bw 7 Po 5 Sw 4 Bf 3 Avg. Stocking: 0.61 Site Class: 0.8 Avg. Min. Operability Limit: 80 m3/ha Avg. Min. Operability Age: 61 years.	Species Composition Target: Sp 55 Pj 20 Po 5 Bw 5 and (Bf<10) Target Site Occupancy: 800 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)				Performance:
Forest Unit	Species Composition	SC	Stkg	Species Composition: Sp 55 Pj 20 Po 5 Bw 5 and (Bf<10) Site Index: 11.0 Site Occupancy: 800 WD stems/ha Assessment Year: 20 years post-harvest Assessment Method: See FMP Supp. Doc. H
SBM	Sb 55 Pj 29 Bw 8 Po 4 Sw 2 Bf 2 Pr 1	1.4	0.62	
CMX	Pj 45 Sb 18 Po 18 Bw 15 Bf 4	1.8	0.68	
HMX	Po 36 Pj 23 Bw 21 Sb 15 Bf 4 Sw 1	1.9	0.69	
SBD	Sb 78 Pj 10 Bw 6 Bf 3 Po 2 Sw 1	1.3	0.57	
Development Information				
SBM-HIGH yield curve: Harvest origin stands. Natural Yield Curve Builder: Peak 138 m3/ha @ age 125				

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:

2012-2024 SGRs include:

SPD-BA1-SPM
 BFM-BA1-SPM
 CMX-BA1-SPM

CMX-INT-SBM
 HMX-BA1-SPM
 PJM-INT-SPM

PRW-BA1-SPM
 SPD-INT-SPM
 SPD-EXT-SPM

SPM-BA1-SPM
 SPM-INT-SPM
 SPM-EXT-SPM

MANAGEMENT UNIT NAME: Whiskey Jack Forest (MU 490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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	LOW	16	MED	30	MED	2	MED	11	MED	14	HIGH	1	LOW					3	MED
	Plant			25	LOW		0		0	62	MED		0									13	HIGH
	Seed																						
CMX	Natural			36	LOW	29	MED	8	MED	3	MED	3	MED	18	HIGH							3	MED
	Plant			27	LOW	16	MED	3	MED	21	MED	13	MED									20	HIGH
	Seed			7	MED	11	MED			76	MED	4	MED									2	MED
HMX	Natural	3	MED	18	LOW	24	MED	15	MED	1	MED	2	MED	37	HIGH								
	Plant			4	LOW	26	MED	9	MED	9	MED	5	MED	23	HIGH							24	HIGH
	Seed																						
HRD	Natural	2	MED	15	LOW	9	MED	17	MED	7	MED	3	MED	46	HIGH	1	MED						0.00
	Plant	4	MED	43	LOW	2	MED	14	MED	10	MED	5	MED	1	HIGH			5	MED			16	HIGH
	Seed																						
PJD	Natural			23	LOW	20	MED	23	MED	7	MED	7	MED					14	MED			6	MED
	Plant	1	MED	28	MED	3	MED	2	MED	10	MED	13	MED			2	HIGH	18	MED			23	HIGH
	Seed			11	MED	3	MED			67	MED	13	MED									6	MED
PJM	Natural			22	LOW	14	MED	1	MED	6	MED	3	MED	16	HIGH			33	MED			5	MED
	Plant			15	LOW	2	MED	5	MED	25	MED	26	MED					11	MED			16	MED
	Seed			3	LOW	9	MED			74	MED	3	MED	4	HIGH							7	HIGH
POD	Natural	1	MED	10	LOW	24	MED	10	MED		0.00		0.00	55	HIGH				0.00				0.00
	Plant	4	MED	43	LOW	2	MED	14	MED	10	MED	5	MED	1	HIGH			5	MED			16	HIGH
	Seed																						
PRW	Natural			11	LOW					44	MED					45	MED						
	Plant															100	HIGH						
	Seed																						
SBD	Natural	1	MED	8	LOW	13	MED	2	MED	6	LOW	1	MED	5	HIGH			59	MED			5	HIGH
	Plant	1	MED	14	LOW	4	MED	1	MED	5	MED	7	MED	2	HIGH			55	MED			11	MED
	Seed							6	MED	80	MED	5	MED	1	HIGH			8	MED				
SBL	Natural																				100	LOW	
	Plant																				100	LOW	
	Seed																						
SBM	Natural			26	LOW	10	MED	7	MED	9	MED	5	MED					31	MED			12	HIGH
	Plant			10	LOW	1	MED			23	MED	18	MED	1	HIGH			33	MED			14	MED
	Seed									29	MED	15	MED									56	MED

MANAGEMENT UNIT NAME: Whiskey Jack Forest (MU 490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

FMP-6 PROJECTED FOREST CONDITION FOR THE CROWN PRODUCTIVE FOREST

Forest Unit	Age Class	Area (ha)					
		2024	2044	2064	2084	2104	2124
BFM	1-20	785	518	342	177	129	227
	21-40	5,909	759	484	320	166	120
	41-60	5,120	5,714	710	453	299	155
	61-80	3,701	4,951	5,344	664	424	280
	81-100	7,825	3,329	4,630	4,998	621	396
	101-120	2,930	6,698	3,113	4,330	4,674	581
	121-140	325	2,547	6,357	2,925	4,391	4,018
	141+	22	456	4,854	21,110	39,611	49,281
	Subtotal		26,616	24,974	25,834	34,977	50,314
CMX	1-20	4,520	6,843	7,676	6,214	5,863	6,840
	21-40	20,290	4,371	6,399	7,179	5,811	5,483
	41-60	24,333	19,622	4,088	5,985	6,714	5,434
	61-80	14,259	23,531	18,350	3,823	5,522	5,562
	81-100	39,859	13,789	22,006	17,161	3,349	4,190
	101-120	14,659	36,618	12,248	16,708	14,392	3,002
	121-140	1,199	11,284	23,608	7,614	10,421	9,938
	141+	233	1,332	9,742	27,328	27,212	57,024
	Subtotal		119,352	117,390	104,119	92,012	79,283
HMX	1-20	4,434	7,213	8,534	7,797	7,252	8,075
	21-40	11,311	4,288	6,745	7,981	7,291	6,782
	41-60	14,984	10,938	4,010	6,308	7,464	6,819
	61-80	16,132	14,277	10,229	2,992	5,875	5,257
	81-100	27,905	12,392	10,288	8,079	2,045	2,210
	101-120	5,231	21,094	10,344	9,621	7,483	1,912
	121-140	211	4,666	20,244	10,320	9,146	7,170
	141+	-	110	4,509	23,254	35,864	22,751
	Subtotal		80,207	74,977	74,903	76,353	82,419
HRD	1-20	3,402	4,430	4,152	3,077	2,840	3,046
	21-40	6,093	3,289	4,143	3,883	2,878	2,656
	41-60	14,758	5,893	3,076	3,874	3,631	2,691
	61-80	22,549	14,100	5,511	1,732	2,150	1,435
	81-100	36,463	20,611	10,930	4,500	1,116	1,077
	101-120	2,394	28,482	14,947	9,478	4,164	1,044
	121-140	46	2,169	26,267	13,382	8,757	3,756
	141+	-	45	1,656	19,988	18,099	12,254
	Subtotal		85,706	79,019	70,682	59,912	43,635
PJD	1-20	6,434	13,508	25,350	30,306	31,150	29,771
	21-40	28,149	6,222	12,632	23,707	28,342	29,131
	41-60	58,775	27,222	5,818	11,814	22,170	26,505
	61-80	2,612	53,709	25,458	5,441	11,048	20,734
	81-100	18,275	2,526	49,206	23,755	5,089	6,554
	101-120	5,601	16,971	1,476	40,653	19,730	2,137
	121-140	308	4,487	10,117	1,366	34,336	16,967
	141+	92	316	3,360	10,158	9,255	28,103
	Subtotal		120,245	124,960	133,417	147,199	161,120

MANAGEMENT UNIT NAME: Whiskey Jack Forest (MU 490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

FMP-6 PROJECTED FOREST CONDITION FOR THE CROWN PRODUCTIVE FOREST

Forest Unit	Age Class	Area (ha)					
		2024	2044	2064	2084	2104	2124
PJM	1-20	2,420	5,825	10,326	10,105	10,035	10,061
	21-40	14,985	2,340	5,447	9,656	9,450	9,385
	41-60	12,505	14,491	2,189	5,094	9,031	8,837
	61-80	3,320	11,295	13,552	2,047	4,764	7,156
	81-100	25,485	3,139	10,563	12,668	1,497	2,801
	101-120	11,571	24,465	2,935	7,847	10,179	1,084
	121-140	245	11,646	21,870	3,156	10,159	10,109
	141+	-	251	7,421	21,797	20,245	13,898
	Subtotal		70,531	73,452	74,303	72,370	75,359
POD	1-20	5,104	12,984	14,452	11,981	11,318	12,297
	21-40	5,284	4,935	12,143	13,515	11,204	10,585
	41-60	6,681	5,110	4,616	11,356	12,639	10,478
	61-80	8,656	6,409	4,779	3,903	8,399	11,221
	81-100	21,311	7,772	5,945	3,906	2,899	5,055
	101-120	1,578	18,697	5,336	4,380	3,614	2,711
	121-140	28	1,428	17,107	4,940	4,055	3,346
	141+	-	22	1,095	13,118	3,788	3,109
	Subtotal		48,642	57,358	65,471	67,099	57,917
PRW	1-20	156	419	1,001	455	396	328
	21-40	270	151	392	936	426	370
	41-60	132	261	141	367	875	398
	61-80	381	127	244	132	343	819
	81-100	1,322	368	119	209	123	321
	101-120	990	1,231	270	61	196	115
	121-140	256	907	760	211	14	183
	141+	82	303	1,007	1,653	1,743	1,643
	Subtotal		3,587	3,768	3,935	4,024	4,116
SBD	1-20	6,692	2,065	3,135	2,902	3,192	2,960
	21-40	20,531	6,471	1,931	2,931	2,714	2,985
	41-60	3,705	19,855	6,052	1,806	2,741	2,538
	61-80	11,186	3,583	18,568	5,660	1,689	2,564
	81-100	40,739	10,579	3,351	17,365	4,998	1,579
	101-120	10,405	38,265	9,893	3,134	13,915	2,505
	121-140	1,119	9,465	33,259	9,150	2,385	13,013
	141+	35	969	9,522	41,870	78,363	105,322
	Subtotal		94,413	91,251	85,710	84,819	109,997
SBL	1-20	1,158	3,740	5,308	4,940	4,727	4,555
	21-40	4,055	1,119	3,497	4,964	4,620	4,421
	41-60	5,752	3,921	1,047	3,271	4,642	4,320
	61-80	4,444	5,562	3,667	979	3,059	4,341
	81-100	16,912	4,298	5,202	3,430	916	2,860
	101-120	18,548	16,355	4,019	4,865	3,207	856
	121-140	6,428	17,465	14,908	3,759	4,549	2,999
	141+	1,680	6,498	21,310	32,752	33,238	34,605
	Subtotal		58,977	58,959	58,959	58,959	58,959

MANAGEMENT UNIT NAME: Whiskey Jack Forest (MU 490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

FMP-6 PROJECTED FOREST CONDITION FOR THE CROWN PRODUCTIVE FOREST

Forest Unit	Age Class	Area (ha)					
		2024	2044	2064	2084	2104	2124
SBM	1-20	2,671	4,155	6,238	6,448	6,773	6,225
	21-40	15,119	2,583	3,886	5,833	6,030	6,334
	41-60	4,547	14,620	2,416	3,634	5,455	5,639
	61-80	6,943	4,397	13,673	2,259	3,398	5,102
	81-100	30,735	6,661	4,112	12,787	2,113	3,115
	101-120	12,785	30,088	14,370	6,782	12,613	6,171
	121-140	1,199	12,138	27,114	12,645	5,755	11,567
	141+	59	1,150	12,741	33,630	16,229	17,098
	Subtotal	74,058	75,793	84,549	84,019	58,368	61,250
Total All Forest Units		782,337	781,899	781,881	781,742	781,487	781,353

NOTES: Data from Long-term Management Direction: LTMD-01
 Area data reported for the beginning of each 20-year period.
 Total productive forest area in Year 2024 is comparable to Table FMP-1. SFMM reconciled land base is 1 ha lower than BMI area (matches, due to rounding of area for import into strategic model).

MANAGEMENT UNIT NAME: Whiskey Jack Forest (MU 490)
PLAN PERIOD: April 1, 2024 to March 31, 2034

FMP-7 PROJECTED HABITAT FOR SELECTED WILDLIFE SPECIES

Species	Species Abbrev.	Habitat Area (ha)					
		2024	2044	2064	2084	2104	2124
Caribou - refuge	Cr	86,255	111,036	120,540	121,767	124,845	128,055
Caribou - winter combined	Cw	132,854	156,292	166,030	167,928	170,502	175,033
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						
Deer - Critical Thermal Cover	N/A	Deer critical thermal cover habitat is planned for and considered within the Deer Emphasis Area (DEA). See Table FMP-10 for current and projected Plan End deer critical thermal cover in the DEA.					

NOTES:

Data derived from results of the SFMM LTMD-01. Habitat reported for beginning of each 20-year period.

Caribou, Moose and Deer are selected wildlife species in the 2024 FMP. Caribou and Moose habitats require specific projected strategic habitat modelling in habitat emphasis areas.

Habitat for all species that inhabit the Whiskey Jack 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 is available and maintained in their range using the same BLG indicators and milestones. In addition, a Deer habitat emphasis area was identified, and is considered and planned for through operational strategies in the identified emphasis area.

MANAGEMENT UNIT NAME: Whiskey Jack Forest (MU 490)
PLAN PERIOD: April 1, 2024 to March 31, 2034

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					
	2024	2044	2064	2084	2104	2124
BFM	952	31	163	111	93	593
CMX	1,188	2,686	3,506	2,813	1,367	1,509
HMX	5,180	2,517	592	831	3,512	1,406
HRD	5,841	5,722	1,464	2,030	860	832
PJD	2,138	3,614	3,211	2,691	3,945	5,272
PJM	841	1,315	2,054	1,890	1,644	1,759
POD	409	377	1,576	585	1,329	3,221
PRW	125	481	64	46	0	0
SBD	954	1,613	2,725	4,606	3,304	1,619
SBL	500	801	620	502	407	329
SBM	383	647	1,094	1,849	906	477
Total	18,513	19,805	17,071	17,953	17,366	17,019

NOTE:
 Data derived from results of SFMM LTMD-01.

MANAGEMENT UNIT NAME: Whiskey Jack Forest (MU 490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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					
	2024	2044	2064	2084	2104	2124
Net Merchantable Volume (NMV):						
Spruce-Pine-Fir Small	989,533	1,101,789	1,184,046	1,285,372	1,191,887	1,084,138
Spruce-Pine-Fir Large	10,467	18,554	33,435	40,944	37,648	25,828
Spruce-Pine-Fir Subtotal	1,000,000	1,120,343	1,217,481	1,326,316	1,229,535	1,109,966
Poplar Small	689,497	552,824	331,703	252,801	366,122	432,851
Poplar Large	10,503	7,176	26,697	2,596	1,649	60,130
Poplar Subtotal	700,000	560,000	358,400	255,397	367,771	492,981
White Birch Small	239,837	207,139	105,468	102,986	96,314	87,366
White Birch Large	2,499	2,273	3,304	2,805	1,431	5,318
White Birch Subtotal	242,336	209,412	108,772	105,791	97,745	92,684
Red Pine-White Pine Small	16,714	59,153	6,403	4,472	-	-
Red Pine-White Pine Large	1,021	6,916	2,419	2,504	565	819
Red Pine-White Pine Subtotal	17,735	66,069	8,822	6,976	565	819
NMV TOTAL All Species Small	1,940,605	1,929,975	1,634,954	1,652,519	1,659,271	1,608,724
NMV TOTAL All Species Large	24,489	34,953	65,863	48,848	41,294	92,095
NM VOLUME TOTAL All Species	1,965,094	1,964,928	1,700,817	1,701,367	1,700,565	1,700,819
Biomass Volumes:						
Defect (Branches, Twigs, Leaves, Bark)	1,015,026	964,789	759,835	642,565	650,912	753,270
Undersized (Top Wood)	370,623	356,989	298,982	263,787	303,499	293,624
BIOMASS VOLUME TOTAL All Species	1,385,649	1,321,778	1,058,817	906,352	954,411	1,046,894
TOTAL AVAILABLE HARVEST VOLUME	3,350,743	3,286,706	2,759,634	2,607,719	2,654,976	2,747,713

NOTE:

Data derived from results of SFMM LTMD-01. Volume broad size group is applied to net merchantable volumes only (not defect or undersize volumes).

Other Conifer (Cedar, Larch) , and Other Hardwood are incidental on the Whiskey Jack 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: Whiskey Jack Forest

PLAN PERIOD: April 1, 2024 to March 31, 2034

Strategic modelling projections based on: LTMD-01

Short-term (10-year) forest diversity projections based on OLT or BMI assessment.

FMP-10 Assessment of Objective Achievement

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (by Plan End)	LTMD - Projections			Assessment
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
1. Caribou Habitat: To maintain forest function for caribou habitat in the Whiskey Jack Forest (within the area of continuous caribou distribution).	(1a) Caribou Winter - Combined Habitat Area:	84,575	63,721 to 115,622	(1) Proposed LTMD (2) Completion of operational planning (4) Annual Reports for Year 5 and final year of plan implementation	maintain	102,123	111,036	128,055	ACHIEVED: Caribou Winter habitat is in desirable range at Plan Start and maintains desirable and target levels (or more) through the long-term.
	(1b) Caribou Refuge Habitat Area (ha)	132,184	147,605 to 161,804		increase	145,158	156,292	175,033	ACHIEVED: Caribou Refuge habitat is below the desirable range at Plan Start and increases into and maintains desirable and target levels (or more) within 20 years and through the long-term.
	(1c) Landscape Pattern (texture) of Caribou Winter Combined 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 Reports for Year 5 and final year of plan implementation	Same as desirable level.		N/A	N/A	ACHIEVED: Desirable level is achieved with movement towards the mean proportion of 61-100% concentrations at both assessment scales. Limited harvest in the caribou zone in this 2024-2034 plan period results in forest aging into higher concentrations of coarse texture caribou winter habitat. Target level is achieved.
	60 km2 Hexagon Scale:								
	1 - 20% concentration	9%	17%						
	21 - 40% concentration	51%	17%						
	41 - 60% concentration	24%	22%						
	61 - 80% concentration	12%	30%						
	81 - 100% concentration	4%	15%						
	300 km2 Hexagon Scale:								
	1 - 20% concentration	1%	8%						
	21 - 40% concentration	54%	22%						
	41 - 60% concentration	38%	32%						
	61 - 80% concentration	8%	34%						
	81 - 100% concentration	0%	6%						
(1d) Landscape Pattern (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 Reports for Year 5 and final year of plan implementation	Same as desirable level.		N/A	N/A	ACHIEVED: Caribou refuge texture is projected to increase close to the desirable levels (both scales) during this plan period. Target level is achieved with increase coarse texture for caribou refuge habitat (very good for caribou).	
60 km2 Hexagon Scale:									
1 - 20% concentration	0%	0%							
21 - 40% concentration	8%	2%							
41 - 60% concentration	35%	12%							
61 - 80% concentration	43%	34%							
81 - 100% concentration	13%	53%							
300 km2 Hexagon Scale:									
1 - 20% concentration	0%	0%							
21 - 40% concentration	0%	0%							
41 - 60% concentration	40%	8%							
61 - 80% concentration	55%	43%							
81 - 100% concentration	5%	49%							

MANAGEMENT UNIT NAME: Whiskey Jack Forest

PLAN PERIOD: April 1, 2024 to March 31, 2034

Strategic modelling projections based on: **LTMD-01**

Short-term (10-year) forest diversity projections based on OLT or BMI assessment.

FMP-10 Assessment of Objective Achievement

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (by Plan End)	LTMD - Projections			Assessment
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
	(1e) 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 implementation	Same as desirable level.	N/A	N/A	N/A	(future assessment after plan implementation)
	PJD	93%							
	PJM	89%							
	SBD	89%							
	SBL	84%							
SBM	87%								
	(1f) Amount and arrangement of on-line Caribou DCHS (% of DCHS area with block avg >60 years old):	Pre-2024 29% 2024 23%	>= 40%	(1) Proposed LTMD	Move towards, then maintain desirable level	2034: 23% 2044: 39%	2064: 92% 2084: 93%	2104: 100% 2124: 93%	ACHIEVED: Underachievement at Plan Start is improved in approx. 20 years with achievement through the long-term (Desirable and Target levels achieved).
	(1g) 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)
	(1h) Road density - Kilometres of FMP roads per square kilometre of Crown forest (caribou zone)	0.08 km primary and branch roads per km2 Crown productive forest (caribou zone)	Maintain or decrease FMP primary and branch forest access road density in the caribou zone (no increase).	(4) Annual Reports for Year 5 and final year of plan implementation	maintain road density for 20 years	TBD			(future assessment after plan implementation) Road density is estimated to be maintained at Plan End 2034 with 0.08 km/km2, with minor road construction required in caribou zone over 20 years.
2. Forest Composition: To emulate natural forest composition and age classes which includes old growth forest.	(2a) Landscape Class Area (ha):	(ha)	(ha)	(1) Proposed LTMD (2) Completion of operational planning (4) Annual Reports for Year 5 and final year of plan implementation	maintain	16,229	17,982	54,556	ACHIEVED: All Landscape Class areas are within or above desirable levels at Plan Start, and through the long-term (desirable and target levels achieved)
	Mature and late balsam fir	14,784	8,706 to 16,237						
	Mature and late lowland conifer	46,556	12,845 to 16,276						
	Mature and late upland conifer	244,859	178,461 to 269,185						
	Mature and late hardwood	144,335	43,021 to 65,739						
	(2b) Old Growth Forest:	(ha)	(ha)	(1) Proposed LTMD (2) Completion of operational planning (4) Annual Reports for Year 5 and final year of plan implementation	increase	1,861	1,803	30,567	ACHIEVED: All Old Growth group areas are below desirable levels at Plan Start. All OG groups increase to within or above desirable and target levels through the short- to long-term (OG upland conifer achieves in 10 yrs, OG low conifer 30 yrs, OG hardwood 10 yrs, OG Red / White Pine 50 yrs).
	Lowland Conifer	1,111	4,282 to 6,477						
	Upland Conifer	24,617	51,310 to 82,642						
	Mixedwood and Hardwood	23,010	35,996 to 58,909						
	White Pine and Red Pine	30	increase (while not falling below the 1995 level of 195 ha.)						

MANAGEMENT UNIT NAME: Whiskey Jack Forest

PLAN PERIOD: April 1, 2024 to March 31, 2034

Strategic modelling projections based on: LTMD-01

Short-term (10-year) forest diversity projections based on OLT or BMI assessment.

FMP-10 Assessment of Objective Achievement

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (by Plan End)	LTMD - Projections			Assessment
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
	(2c) Red pine and white pine forest unit area (PRW) (ha)	3,587	increase towards 46,940 ha, while not falling below the 1995 level of 2,491 ha.	(1) Proposed LTMD (2) Completion of operational planning (4) Annual Reports for Year 5 and final year of plan implementation	increase	3,687	3,768	4,178	ACHIEVED: PRW area increases through time (desirable and target levels achieved). Amount of increase possible is limited by areas of WJ Forest on which renewal activities (including conversion to PRW) can be planned.
	(2d) Upland Jack Pine and Spruce Area: (ha) PJD+PJM+SBD+SBM	349,953	475,260 to 497,902	(1) Proposed LTMD (2) Completion of operational planning (4) Annual Reports for Year 5 and final year of plan implementation	increase	352,241	365,455	417,949	PARTIALLY ACHIEVED: Upland Conifer increases steadily though time (target achieved) however desirable level is not achieved. Amount of increase possible is limited by areas of WJ Forest on which renewal activities (including conversion to conifer) can be planned (desirable level not achieved).
	(2e) Young Forest Area: (ha) All Plan Forest Units <36 years	136,870	196,754 to 342,348	(1) Proposed LTMD (2) Completion of operational planning (4) Annual Reports for Year 5 and final year of plan implementation	move towards or maintain within desirable level	79,528	87,058	143,140	NOT ACHIEVED: Young forest decreases for 40 years, then increases back to Plan Start levels (desirable and target levels not achieved). Amount of increase possible is limited by areas of WJ Forest on which harvest activities can be planned (LTMD projections do meet min. desirable Young Forest proportion for Harvest Zone).
3. Landscape Pattern:	(3a) Landscape Pattern (texture) of Mature and Old Forest (hexagon frequency distribution by mean proportion):		Move towards mean, with a focus on the two concentration classes > 60%. Mean:	(1) Proposed LTMD (2) Completion of operational planning (4) Annual Reports for Year 5 and final year of plan implementation	Same as desirable level.		N/A	N/A	ACHIEVED: Mature and Old Forest amount and texture is above the desirable level at Plan Start, and is projected to remain stable during this plan period. Target level is achieved as more dense Mature and Old Forest is positive. Strategies are being implemented to defragment certain areas and also to plan harvest areas in patches of currently mature/old forest. Aging of the forest contributes to dense patches of Mature and Old Forest in zone not planned for harvest, with concentrations expected to increase in future plans.
To emulate natural disturbance and landscape patterns characteristic of the Whiskey Jack Forest.	500 ha Hexagon Scale:					10%			
	1 - 20% concentration	11%	44%			15%			
	21 - 40% concentration	16%	12%			23%			
	41 - 60% concentration	23%	9%			23%			
	61 - 80% concentration	22%	10%			29%			
	81 - 100% concentration	28%	25%						
	5,000 ha Hexagon Scale:					5%			
	1 - 20% concentration	7%	27%			10%			
	21 - 40% concentration	12%	23%			31%			
	41 - 60% concentration	30%	21%			38%			
	61 - 80% concentration	36%	18%			15%			
	81 - 100% concentration	15%	10%						

MANAGEMENT UNIT NAME: Whiskey Jack Forest

PLAN PERIOD: April 1, 2024 to March 31, 2034

Strategic modelling projections based on: LTMD-01

Short-term (10-year) forest diversity projections based on OLT or BMI assessment.

FMP-10 Assessment of Objective Achievement

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (by Plan End)	LTMD - Projections			Assessment
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
	(3b) Young Forest Patch Size: (frequency by size class, ha)		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 all sized patches of young forest are projected to move slightly away from the mean on the Whiskey Jack 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 in the zone planned for harvest.
	< 100	61%	52%			62%			
	101-250	23%	15%			27%			
	251-500	9%	10%			8%			
	501-1,000	4%	8%			2%			
	1,001-2,500	3%	8%			1%			
	2,501-5,000	1%	4%			0%			
	5001-10,000	0%	3%			0%			
	10,001-20,000	0%	2%			0%			
	>20,000	0%	1%			0%			
4. Wildlife Habitat: To maintain forest function for moose habitat and deer habitat in the Whiskey Jack Forest.	(4a) Habitat Proportion by Moose Emphasis Area (MEA):		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		Estimated 20-40-60 years:		ACHIEVED: Overall assessment of Plan End forest inventory with Preferred LTMD harvest. Most habitat types in the three MEAs are moving towards or maintaining desirable ranges. Only MEA1 Hwd decreases below desirable level, and MEA3 MatCon moves away (overachieves) desirable level. Note: Future projections are for information only, and were not controlled for achievement in strategic modelling. Spatial management of habitat in MEAs is critical to achieving habitat management goals, therefore future habitat will be operationally planned in each FMP with appropriate planned harvest for each MEA.
	MEA #1 - Dryberry Lake:								
	Browse Producing Forest	0%	5-30%			24%		22% - 57% - 46%	
	Hardwood/Mixedwood Forest	30%	20-55%			17%		18% - 16% - 19%	
	Mature Conifer Forest	62%	15-35%			50%		54% - 25% - 17%	
	MEA #2 - Cedar Lake:								
	Browse Producing Forest	13%	5-30%			20%		23% - 29% - 42%	
	Hardwood/Mixedwood Forest	28%	20-55%			24%		17% - 18% - 22%	
	Mature Conifer Forest	56%	15-35%			54%		55% - 46% - 27%	
	MEA #3 - Keynote Lake:								
	Browse Producing Forest	21%	5-30%			21%		25% - 31% - 44%	
	Hardwood/Mixedwood Forest	31%	20-55%			29%		26% - 20% - 23%	
	Mature Conifer Forest	41%	15-35%			44%		43% - 39% - 24%	

MANAGEMENT UNIT NAME: Whiskey Jack Forest

PLAN PERIOD: April 1, 2024 to March 31, 2034

Strategic modelling projections based on: LTMD-01

Short-term (10-year) forest diversity projections based on OLT or BMI assessment.

FMP-10 Assessment of Objective Achievement

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (by Plan End)	LTMD - Projections			Assessment				
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)					
(4b) Frequency of Young Forest Patch Size by MEA: <u>MEA #1 - Dryberry Lake:</u>	< 100 ha	0%	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.	67%	N/A	N/A	ACHIEVED: OLT assessment of overall young forest pattern shows for most size classes that frequency is moving towards desirable distribution <500 ha patches. Future young forest pattern will be operationally planned in each FMP with appropriate planned harvest blocks for each MEA. Only patches 501-1,000 ha in MEA3 increase 1% away from desirable level. Overall achieved. Note: Future projections are for information only, and were not controlled for achievement in preferred harvest pattern.				
	101-250 ha	0%				13%	N/A	N/A					
	251-500 ha	0%				20%	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					
	<u>MEA #2 - Cedar Lake:</u>												
	< 100 ha	62%								75%	N/A	N/A	
	101-250 ha	25%								21%	N/A	N/A	
	251-500 ha	9%								3%	N/A	N/A	
	501-1,000 ha	4%								2%	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	
	<u>MEA #3 - Keynote Lake:</u>												
	< 100 ha	71%								58%	N/A	N/A	
	101-250 ha	20%								29%	N/A	N/A	
	251-500 ha	1%								4%	N/A	N/A	
	501-1,000 ha	9%								10%	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						
(4c) Proportion of deer critical thermal cover in the Deer Emphasis Area		30% (Classes 3-10) 48% (Classes 2-10)	10-30% critical thermal cover of Stratum 1 area in DEA (CTC Classes 3-10)	(3) Draft Plan	min. 25-30% (Classes 3-10)	29% (Classes 3-10)	N/A	N/A	ACHIEVED: With Preferred LTMD harvest, it is projected that desirable and target levels of % CTC of Stratum 1 area will be achieved in the DEA. Additional refinement of harvest will occur during operational planning.				

MANAGEMENT UNIT NAME: Whiskey Jack Forest

PLAN PERIOD: April 1, 2024 to March 31, 2034

Strategic modelling projections based on: LTMD-01

Short-term (10-year) forest diversity projections based on OLT or BMI assessment.

FMP-10 Assessment of Objective Achievement

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (by Plan End)	LTMD - Projections			Assessment
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
5. Wood Supply: To provide a predictable and continuous supply of wood to the forest products industry from the Whiskey Jack Forest.	(5a) Area of Managed Crown forest available for timber production (ha)	196,134	Maintain a min. of 194,000 ha	(4) Annual Reports for Year 5 and final year of plan implementation	Maintain above 195,000 ha.	195,242	194,350	194,350	(future assessment after plan implementation)
	(5b) Long-term projected available harvest area (ha) (all Forest Units combined)	1,851	AHA required to balance objective achievement and operational considerations	(1) Proposed LTMD	Same as desirable level	1,902	1,980	1,702	ACHIEVED: Annual Harvest Area is projected to provide for a good balance of objective achievement in short and long-term.
	(5c) Long-term projected available harvest volume by species group (m³ / year).	Annual Harvest Vol. (1,000 m ³)	Desired Level (1,000 m ³ /yr)	(1) Proposed LTMD	Same as desirable level	0.0	7.5	0.0	PARTIALLY ACHIEVED: Short to long-term harvest volumes meet SPF commitments. However short- to long-term Poplar commitments are below current commitment. Overall volumes are acceptable with consideration for area able to be scheduled for harvest and overall balanced objective achievement.
	PWR	2.2	2.2						
	SPF	100.0	100.0						
	PO	70.0	70.0						
	BW	24.2	24.2						
	TOTAL	196.9	196.9						
	(5d) Long-term projected available harvest volume by broad size (m³/year).	Annual Harvest Vol. (1,000 m ³)	Maintain or increase proportion of "Large"	(1) Proposed LTMD	Same as desirable level	0.94	0.97	0.92	ACHIEVED: Proportion of Large size increases from Plan Start (desirable and target levels achieved).
	Small	0.99							
	Large	0.01							
	TOTAL	1.00							
	(5e) 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	95	80-100%						
	CMX	119	90-100%						
HMX	518	90-100%							
HRD	584	90-100%							
PJD	214	90-100%							
PJM	84	90-100%							
POD	41	90-100%							
PRW	12	80-100%							
SBD	95	80-100%							
SBL	50	80-100%							
SBM	38	80-100%							
(5f) 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	2.2	min. 80%							
SPF	100.0	min. 90%							
PO	70.0	min. 90%							
BW	24.2	min. 80%							
TOTAL	196.9								

MANAGEMENT UNIT NAME: Whiskey Jack Forest

PLAN PERIOD: April 1, 2024 to March 31, 2034

Strategic modelling projections based on: LTMD-01

Short-term (10-year) forest diversity projections based on OLT or BMI assessment.

FMP-10 Assessment of Objective Achievement

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (by Plan End)	LTMD - Projections			Assessment
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
6. First Nation and Métis Engagement: To engage during plan development First Nation and Métis communities.	(6a) Opportunities for involvement of First Nation communities and Métis Nation of Ontario in plan development	100%	All (100% of 14) First Nation communities within or adjacent to the Whiskey Jack 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	ACHIEVED: All First Nation communities within or adjacent to the Whiskey Jack Forest and Northwest Ontario Métis Community (NWOMC) were provided opportunities to contribute information during plan development (100%).
	(6b) First Nation evaluation of their engagement during FMP development	100%	First Nation engagement survey results indicate a min. of 60% satisfaction during development of the FMP.	(3) Draft Plan	Same as desired level.	N/A	N/A	N/A	ACHIEVED: Engagement survey results from one community indicated 100% satisfaction with engagement during plan development. While the Planning Team followed up with communities that had not return surveys to encourage responses, no additional survey responses were received.
	(6c) Métis evaluation of their engagement during FMP development	0% (no response)	Métis Nation of Ontario engagement survey results indicate a min. of 60% satisfaction during development of the FMP.	(3) Draft Plan	Same as desired level.	N/A	N/A	N/A	NOT ACHIEVED: No survey response was received from NWOMC. The Planning Team followed up with NWOMC to encourage a response prior to Draft Plan, however no survey response was received.
7. LCC Engagement: To have the Local Citizens' Committee (LCC) effectively participate in the development of the management plan.	(7a) Local Citizens' Committee's self-evaluation of its effectiveness in plan development.	83.5%	LCC Effectiveness survey results indicate at least 60% effectiveness in the development of the FMP.	(3) Draft Plan	Same as desirable level	N/A	N/A	N/A	ACHIEVED: The Kenora LCC and the Red Lake LCC completed their self-evaluation surveys just before Draft Plan submission. The results from the six (6) surveys were compiled showing 83.5% overall effectiveness in FMP development, ACHIEVING the desirable and target levels.

MANAGEMENT UNIT NAME: Whiskey Jack Forest

PLAN PERIOD: April 1, 2024 to March 31, 2034

Strategic modelling projections based on: LTMD-01

Short-term (10-year) forest diversity projections based on OLT or BMI assessment.

FMP-10 Assessment of Objective Achievement

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (by Plan End)	LTMD - Projections			Assessment		
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)			
8. Forest Renewal: To effectively regenerate harvest areas consistent with the regeneration standards outlined in the Silvicultural Ground Rules (Table FMP-4).	(8a) Percent of harvested forest area assessed as successfully established, by forest unit:	N/A	Minimum of 95-100% of harvest area successfully established.	(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)		
	BFM										
	CMX										
	HMX										
	HRD										
	PJD										
	PJM										
	POD										
	PRW										
	SBD										
	SBL										
	SBM										
	(8b) Planned and actual percent of harvest area treated by broad treatment type:	Annual Planned Renewal (ha)	1,119	min. 90%	(4) Annual Reports for Year 5 and final year of plan implementation	Min. 70%				(future assessment after plan implementation)	
Natural											
Plant		374					min. 90%				
Seed		339					min. 90%				
(8c) Planned and actual percent of area successfully regenerated to the target forest unit, by forest	...	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.	(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)		
	BFM										
	CMX										
	HMX										
	HRD										
	PJD										
	PJM										
	POD										
	PRW										
	SBD										
SBL											
SBM											
9. Forest Values: To implement forestry operations in a manner that minimizes negative impacts on all identified resource users, and protects all identified values.	(9a) 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: Whiskey Jack Forest

PLAN PERIOD: April 1, 2024 to March 31, 2034

Strategic modelling projections based on: **LTMD-01**

Short-term (10-year) forest diversity projections based on OLT or BMI assessment.

FMP-10 Assessment of Objective Achievement

Management Objective	Indicator	Plan Start Level	Desirable Level	Timing of Assessment	Target (by Plan End)	LTMD - Projections			Assessment
						Short (10 yrs)	Medium (20 yrs)	Long (100 yrs)	
10. Healthy Ecosystems: To maintain productivity of soil function, and to protect water quality and fisheries habitat where forest management activities occur in the Whiskey Jack Forest.	(10a) 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)
	(10b) Compliance with management practices that protect water quality and fish habitat (% of inspections in non-compliance, by remedy type).	N/A	0% of FOIP inspections reported (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	N/A	N/A	N/A	(future assessment after plan implementation)
11. Blueberry Harvesting Areas To harvest trees from candidate areas on the Whiskey Jack Forest for a local First Nation community to establish blueberry harvesting areas.	(11a) Blueberry harvesting areas identified for harvest	2 candidate areas identified	Identify two (2) candidate blueberry harvesting areas for harvest in the 10-year plan period.	(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	N/A	ACHIEVED: At least two (2) candidate blueberry harvesting areas were identified in Preferred LTMD harvest.

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	CH01
<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 erratic 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 Grey Fox Den	Same
<u>D03</u>	Occupied Cougar Den	Same

Management Unit Name: Whiskey Jack Forest
Plan Period: April 1, 2024 to March 31, 2034

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

<u>D04</u>	Occupied Wolf or Coyote Den	Same
<u>D05</u>	Wolverine dens (natal and maternal dens)	Same
<u>D05a</u>	F07 – Wolverine Den Management Plan	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)	CC01
<u>M03</u>	Moose Thermal Summer Patches	New
<u>M04</u>	Moose Winter Cover Stands	New
<u>M05</u>	Bat Hibernacula	NO08
<u>M06</u>	Bat Roosting Site	NO09
<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 grey owl, northern goshawk or red- shouldered hawk	HO01
<u>N10</u>	Alternate nest of great grey owl, northern goshawk or red- shouldered hawk	HO02
<u>N11</u>	Inactive nest of great grey 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
<u>N14</u>	Ground nests occupied by northern harrier, short-eared owl, or turkey vulture	NO03

Management Unit Name: Whiskey Jack Forest
 Plan Period: April 1, 2024 to March 31, 2034

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

<u>N15</u>	Whip-poor-will Nesting Sites	NO04
<u>N16</u>	Common Nighthawk Nesting Habitat	NO05
<u>N17</u>	Barn Swallow Nesting Sites	BS02
<u>N18</u>	Trumpeter Swan Nesting Sites	NE9
<u>N19</u>	Snapping Turtle – Nesting Habitat	NE10
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
<u>HC1</u>	Highway Corridor Aesthetics	HB01
<u>WM1</u>	Waste Management Site	WM01
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, Timing & Recreation		
<u>T01</u>	Aesthetics Along High Volume Tourism Lakes and Roads	TV01
<u>T02</u>	Aesthetics Along High Volume Tourism Lakes and Roads	New
<u>T03</u>	Aesthetics Along High Volume Tourism Lakes	New
<u>T04</u>	Tourism – Road Aesthetics	New
<u>T05</u>	Tourism – Road Aesthetics	Partial TVgl
<u>Tar</u>	Tourism – High Volume Tourism Access Roads	New
<u>Tat</u>	Tourism – Access Trail	New

Management Unit Name: Whiskey Jack Forest
 Plan Period: April 1, 2024 to March 31, 2034

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

<u>Tcs</u>	Tourism – Identified Campsites	Updated TVc
<u>Tgl</u>	Aesthetics – Gibi Lake	New
<u>Tpt</u>	Identified Portage Trail	New/Updated TVp
<u>Trd</u>	Tourism – Aesthetics Along Recreational Property Access Roads	New
<u>Tst</u>	Tourism – OFSC Trail	New
<u>Tt1</u>	Timing Restriction – Winter Harvest	TVw
<u>Tt2</u>	Timing Restriction – Fall Hunting	New
<u>Tt3</u>	No Herbicide and Timing Restriction – Fall Hunting	New
<u>NH1</u>	No Herbicide	New
<u>LS1</u>	Tourism – Lac Seul Shoreline	LS01
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/WS01
<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)	New
<u>W05</u>	Modified cut to shore on Rivers, HPS or MPS (high or moderate potential sensitivity to forest management operations) Stream segments	New
<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			
(back to AOC list)	Operational Prescription		Source
	<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</p>		<p><i>Forest Management Guide for Cultural Heritage Values (MNR 2007)</i> Section 3.3, pp. 33-35 & 66</p>
		Exception	No

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

<p>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 MNRF staff will be contacted as per the Forest Information Manual. The value class of the discovery will determine who of the following will be contacted: Ministry of Culture staff, the local Indigenous community, Registrar of Cemeteries, and/or the provincial culture heritage specialist. When the class of cultural heritage value is established, the appropriate protection measure(s) will be applied.</p> <p>When human remains are discovered, work at the site must be suspended and the police notified. It is also appropriate to notify the MNRF district staff. The police will investigate the report to determine if the human remains are of forensic interest or represent a burial site as defined by the <i>Cemeteries Act</i>. All involved parties must act to safeguard the location until the police attend the site, and to limit media contact and display.</p>		
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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 MNRF, 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 MNRF staff will be contacted as per the Forest Information Manual. The value class of the discovery will determine who of the following will be contacted: Ministry of Culture staff, the local Aboriginal community, Registrar of Cemeteries, and/or the provincial cultural heritage specialist. 	<p>No</p>	<p>No</p>
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FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

<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. 		
<p>C. Operational Roads and Landings (Planned or Existing)</p>		
<p>Conditions on Location, Construction or Use</p>	<p>Public Comment</p>	<p>Exception</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. 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. 	<p>No</p>	<p>No</p>
<p>D. Forestry Aggregate Pits (Planned or Existing)</p>		
<p>Conditions on Location, Construction or Use</p>	<p>Exception</p>	
<ul style="list-style-type: none"> No aggregate extraction is permitted. No new aggregate pits are permitted within the AOC. 	<p>No</p>	

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
(back to AOC list)	<p><u>Description:</u> Mapped area of cultural or heritage values is defined as the memory, tradition and evidence for the historical occupation and use of a place, and the consideration of this evidence in contemporary society in developing group identities. These may include, but are not limited to; fur trading posts, cemeteries, old logging camps, spiritual or traditional areas, old mining sites, or historical landscapes.</p> <p>MNRF to map cultural heritage values and identify whether prescription 1) or 2) is to be applied.</p> <p><u>Prescriptions:</u> Within each mapped area one of the following will be done:</p> <p>1) Harvesting, renewal and tending is permitted where the removal of trees will not impact the value; and harvest, skidding, and renewal activities do not cause more than 5% mineral soil disturbance (on a weighted average basis) within the harvested portion of the area of concern within the block. Skid trails will minimize the skid distance out of the area of concern and sharp corners will be avoided.</p> <p>OR</p> <p>2) Harvest, renewal and tending is not permitted where trees are to be retained to protect the values;</p> <ul style="list-style-type: none"> • a 200 m reserve measured from the center of the site where there is no established boundary, i.e. spiritual area, <p>OR</p> <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. <p>Marking the AOC boundaries of sites must be done using the same flagging as other AOC's so as not to draw attention to the purpose of its establishment.</p>		<p><i>Forest Management Guide for Cultural Heritage Values (MNRF 2007) Section 3.4, 3.5. pp. 37-41 & 66-67</i></p>	<p>No</p>

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

<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>		
<p>B. Primary Roads, Branch Roads, and Landings (Planned or Existing)</p>		
<p>Conditions on Location, Construction or Use</p>	<p>Public Comment</p>	<p>Exception</p>
<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 MNR, 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 MNR 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. 	<p>No</p>	<p>No</p>

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		
C01 (back to AOC list)	Group	Trap Cabin		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: 30 m reserve centered on the trap cabin Prescription: <ul style="list-style-type: none"> This prescription can be changed with prior written approval from individual trappers and subsequent notification of MNRF. Harvest, renewal and tending operations are not permitted within the AOC, unless harvesting has already taken place prior to the establishment of 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 and landings are not permitted within the AOC There 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				
(back to AOC list)	<u>Description:</u> <ul style="list-style-type: none"> 60 metres AOC from boundary of First Nation Reserve land adjacent to allocated harvest blocks. 		Planning Team	No
	<u>Prescriptions:</u> Harvest, renewal and tending operations are permitted subject to the procedure below being implemented in the following order: <ol style="list-style-type: none"> 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. 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. 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 MNRF 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. 			
B. Primary Roads, Branch Roads, and Landings (Planned or Existing)				

Management Unit Name: Whiskey Jack Forest
 Plan Period: April 1, 2024 to March 31, 2034

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

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			
I01 (back to AOC list)	Group	Indigenous Values – Constructed Stone Features (Indigenous-made formations and arrangements of stone)			
	A. Operational Prescriptions for Areas of Concern				
	Operational Prescription		Source	Exception	
	Description: Total AOC Width: 50 m (measured from perimeter of the value) <ul style="list-style-type: none"> • These values may occur singularly or in clusters. • Indigenous community will provide the Forest Manager with the contact person to help with identification and discuss forestry-related issues. • MNRF will be informed of any agreements re: this AOC between the Indigenous community and Forest Manager. • MNRF will ensure the value is mapped. Prescription: <u>0-30 m Reserve</u> (measured from the perimeter of the value) <ul style="list-style-type: none"> • No harvest, renewal or tending operations are permitted. <u>31-50 m Modified</u> (measured from the perimeter of the value) <ul style="list-style-type: none"> • Harvest, renewal and tending operations are permitted. Additional Information: <ul style="list-style-type: none"> • Any proposed deviation of this prescription will require documented approval by the Indigenous community, and notification to the MNRF. 		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: Whiskey Jack Forest
 Plan Period: April 1, 2024 to March 31, 2034

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 reserve 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						
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							
	<table border="1"> <thead> <tr> <th>Operational Prescription</th> <th>Source</th> <th>Exception</th> </tr> </thead> <tbody> <tr> <td> <p>Description:</p> <ul style="list-style-type: none"> 15 metres AOC (measured from the perimeter of the value) MNRF 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 Forest Manager with contact person to help with identification and to discuss forestry-related issues. MNRF will be informed of any agreements re: this AOC between the Indigenous community and Forest Manager. Any proposed deviation of this prescription will require documented approval by the Indigenous community, and notification to the MNRF. </td> <td> Planning Team </td> <td> No </td> </tr> </tbody> </table>	Operational Prescription	Source	Exception	<p>Description:</p> <ul style="list-style-type: none"> 15 metres AOC (measured from the perimeter of the value) MNRF 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 Forest Manager with contact person to help with identification and to discuss forestry-related issues. MNRF will be informed of any agreements re: this AOC between the Indigenous community and Forest Manager. Any proposed deviation of this prescription will require documented approval by the Indigenous community, and notification to the MNRF. 	Planning Team	No	
Operational Prescription	Source	Exception						
<p>Description:</p> <ul style="list-style-type: none"> 15 metres AOC (measured from the perimeter of the value) MNRF 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 Forest Manager with contact person to help with identification and to discuss forestry-related issues. MNRF will be informed of any agreements re: this AOC between the Indigenous community and Forest Manager. Any proposed deviation of this prescription will require documented approval by the Indigenous community, and notification to the MNRF. 	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

AOC 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 value These values may occur singularly or in clusters. MNRF 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 Forest Manager with contact person to help with identification and discuss forestry-related issues. MNRF will be informed of any agreements between the Indigenous community and Forest Manager Any proposed deviation of this prescription will require documented approval by the Indigenous community, and notification to the MNRF. 		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: Whiskey Jack Forest
 Plan Period: April 1, 2024 to March 31, 2034

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 reserve • 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		
I04 (back to AOC list)	Group	Indigenous Values – Historical Indigenous Camp (cultural gatherings, historical traditional hunting, fishing, and gathering camp 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. MNRF 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>Additional Information:</p> <ul style="list-style-type: none"> Indigenous community will provide the Forest Manager with contact person to help with identification and to discuss forestry-related issues. MNRF will be informed of any agreements re: this AOC between the Indigenous community and Forest Manager. Any proposed deviation of this prescription will require documented approval by the Indigenous community, and notification to the MNRF. Protection for Indigenous trap cabins will be developed by each trapper and Forest Manager - Forest Manager required to contact owner before operations commence. 		Planning Team	No
B. Primary Roads, Branch Roads, and Landings (Planned or Existing)				

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

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	

Management Unit Name: Whiskey Jack Forest

Plan Period: April 1, 2024 to March 31, 2034

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

AOC ID	Group AOC	Description of Value		
<p>I05</p> <p>(back to AOC list)</p>	<p>Individual</p>	<p>Indigenous Values – Material Gathering Sites (traditional gathering sites of medicinal plants, edible plants and craft materials)</p>		
	<p>A. Operational Prescriptions for Areas of Concern</p>			
	<p>Operational Prescription</p>		<p>Source</p>	<p>Exception</p>
	<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. • MNRF 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 Forest Manager with the contact person to help with identification and discuss forestry-related issues. • MNRF will be informed of any agreements re: this AOC between the Indigenous community and Forest Manager. • Any proposed deviation of this prescription will require documented approval by the Indigenous community, and notification to the MNRF. 		<p>Planning Team</p>	<p>No</p>
	<p>B. Primary Roads, Branch Roads, and Landings (Planned or Existing)</p>			
	<p>Conditions on Location, Construction or Use</p>		<p>Public Comment</p>	<p>Exception</p>
<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. 		<p>No</p>	<p>No</p>	

Management Unit Name: Whiskey Jack Forest
 Plan Period: April 1, 2024 to March 31, 2034

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

AOC 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							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Operational Prescription</th> <th style="width: 15%;">Source</th> <th style="width: 15%;">Exception</th> </tr> </thead> <tbody> <tr> <td> <p>Description:</p> <ul style="list-style-type: none"> 100 m AOC measured from the perimeter of the value MNRF 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 Forest Manager 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 Forest Manager with the contact person to help with identification and discuss forestry-related issues. MNRF will be informed of any agreements re: this AOC between the Indigenous community and Forest Manager. Any proposed deviation of this prescription will require documented approval by the Indigenous community, and notification to the MNRF. </td> <td style="text-align: center; vertical-align: top;"> Planning Team </td> <td style="text-align: center; vertical-align: top;"> No </td> </tr> </tbody> </table>	Operational Prescription	Source	Exception	<p>Description:</p> <ul style="list-style-type: none"> 100 m AOC measured from the perimeter of the value MNRF 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 Forest Manager 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 Forest Manager with the contact person to help with identification and discuss forestry-related issues. MNRF will be informed of any agreements re: this AOC between the Indigenous community and Forest Manager. Any proposed deviation of this prescription will require documented approval by the Indigenous community, and notification to the MNRF. 	Planning Team	No	
Operational Prescription	Source	Exception						
<p>Description:</p> <ul style="list-style-type: none"> 100 m AOC measured from the perimeter of the value MNRF 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 Forest Manager 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 Forest Manager with the contact person to help with identification and discuss forestry-related issues. MNRF will be informed of any agreements re: this AOC between the Indigenous community and Forest Manager. Any proposed deviation of this prescription will require documented approval by the Indigenous community, and notification to the MNRF. 	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

AOC 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. MNRF 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 Forest Manager and MNRF to ensure protection Some values are sensitive and highly confidential; these will be communicated directly to the Forest Manager during reviews of planned operations Indigenous community will provide the Forest Manager with the appropriate contact person to discuss forestry-related issues prior to operations occurring within the AOC. MNRF will be informed of any agreements re: this AOC between the Indigenous community and Forest Manager. Any proposed deviation of this prescription will require documented approval by the Indigenous community, and notification to the MNRF. 		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	Group	Occupied Black Bear Den		
A. Operational Prescriptions for Areas of Concern				
		Operational Prescription	Source	Exception
(back to AOC list)		<p><u>Description:</u> Modified operations 100 m radius AOC centered on the den entrance.</p> <p><u>Prescription:</u></p> <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 bears Direction applies to occupied dens known before, or found during, operations. <p><u>October 15 to April 30 (Denning Period)</u></p> <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. 	<p><i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 94-95.</i></p>	<p>No</p>
		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 <i>denning period</i> (October 15 to April 30). Hauling and road maintenance operations are not permitted within the AOC during the <i>denning period</i> (Oct. 15 to April 30), unless the road predates the den, is required for safety reasons or environmental protection. Outside the denning period, no restrictions on road construction or use. 	<p>No</p>	<p>No</p>
C. Operational Roads and Landings (Planned or Existing)				

Management Unit Name: Whiskey Jack Forest
 Plan Period: April 1, 2024 to March 31, 2034

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

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			
D02 (back to AOC list)	Group	Occupied Grey Fox Den (Gray Fox)			
	A. Operational Prescriptions for Areas of Concern				
	Operational Prescription		Source	Exception	
	<p><u>Description:</u> 100 m radius AOC centered on the den entrance.</p> <p><u>Prescription:</u></p> <ul style="list-style-type: none"> Dens known or suspected to be occupied by grey foxes. Direction applies to dens known before, or found during, operations. <p><u>April 15 to September 15 (Denning Period)</u></p> <ul style="list-style-type: none"> Harvest, renewal, and tending operations are not permitted within the AOC during the denning period. <p><u>September 16 to April 14 (Not Denning Period)</u></p> <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). 		<i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales</i> (MNRF, 2010), Pages 95.	No	
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)				
	Conditions on Location, Construction or Use		Public Comment	Exception	
	<p><u>Denning Period April 15th to Sept 15th</u></p> <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: Whiskey Jack Forest
 Plan Period: April 1, 2024 to March 31, 2034

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	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>		<p><i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 95-96.</i></p>	<p>No</p>
	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 considered to extend for 8 weeks from the date an occupied den is located, or until a den is</p>		<p>No</p>	<p>No</p>	

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

known to be no longer occupied.		
Non- Denning Period:		
<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 (back to AOC list)	Group	Occupied Wolf or Coyote Den		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u></p> <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 at least once within the past 5 years (northern grey wolf). • Direction applies to dens known before or found during, operations. <p><u>Prescription:</u></p> <p><u>0–100 m from den entrance</u></p> <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. <p><u>101-200 m from den entrance, April 15-July 15 (Denning Period):</u></p> <ul style="list-style-type: none"> • Harvest, renewal, and tending operations are not permitted. <p><u>101-200 m from den entrance, July 16-April 14 (Outside of Denning Period):</u></p> <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). 		<p style="text-align: center;"><i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 96-97.</i></p>	<p>No</p>

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	

Management Unit Name: Whiskey Jack Forest

Plan Period: April 1, 2024 to March 31, 2034

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

AOC ID	Group AOC	Description of Value		
<p>D05</p> <p>(back to AOC list)</p>	<p>Group</p>	<p>Wolverine Den (natal and maternal dens)</p>		
	<p>A. Operational Prescriptions for Areas of Concern</p>			
	<p>Operational Prescription</p>		<p>Source</p>	<p>Exception</p>
	<p><u>Description:</u></p> <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. <p><u>Prescription:</u></p> <p>When a previously unidentified female wolverine den is encountered, a den site management plan will be developed in consultation with MNR Regional and District Biologists that outlines the extent and timing of harvest, renewal and tending operations acceptable within the AOC.</p> <p>The FMP will be amended to include a new prescription consistent with the den site management plan, prior to any operations occurring within the AOC.</p>		<p><i>Forest Management Guide for Conserving Biodiversity as the Stand and Site Scales</i> (MNR, 2010), Section 4.3.7.1, Page 127</p>	<p>No</p>
	<p>B. Primary Roads, Branch Roads, and Landings (Planned or Existing)</p>			
	<p>Conditions on Location, Construction or Use</p>		<p>Public Comment</p>	<p>Exception</p>
<p>The den site management plan will include a Use Management Strategy for existing roads that will provide locally appropriate measures to minimize road-associated impacts on wolverines. This may include access controls while roads are in use and a decommissioning plan for roads following use.</p>		<p>No</p>	<p>No</p>	

Management Unit Name: Whiskey Jack Forest

Plan Period: April 1, 2024 to March 31, 2034

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		
D05a (back to AOC list)	Individual	F07 – Wolverine Den Management Plan		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<u>Description:</u> <ul style="list-style-type: none"> Wolverine Den associated with F07: Natal or maternal den known to have been occupied by F07 (female wolverine) east of Longlegged Lake and north of Dedee Lake within the past 10 years (unless documented as unoccupied for ≥ 3 consecutive years) and habitat as outlined in this AOC prescription and associated den management plan. 4000 m radius from F07 den site, where reserve AOC dimensions are as mapped. <u>Prescription:</u> <ul style="list-style-type: none"> Denning period is from January 15th to June 1st. No harvest, renewal or tending permitted within 4km of den site WJF-001-2022. 		<i>Planning Team and Wolverine Den Management Plan – WJF-001-2022</i>	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 associated with den WJF-001-2022. Maintenance of existing roads may be considered outside of the denning period and following MNRF review of proposed activities. 		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 primary or branch roads are permitted within the AOC associated with den WJF-001-2022. Maintenance of existing roads may be considered outside of the denning period and following MNRF review of proposed activities. 		No	No

Management Unit Name: Whiskey Jack Forest

Plan Period: April 1, 2024 to March 31, 2034

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 within the AOC associated with den WJF-001-2022.• There are no existing aggregate pits within the AOC associated with den WJF-001-2022.	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		
M01 (back to AOC list)	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. 		<i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Page 93.</i>	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 (back to AOC list)	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 The calving and nursery area AOC is a modified operations zone , as mapped. This includes the calving and nursery area value and <u>1000 m from the edge of the nursery area value</u> . Modified Operations Zone of AOC (calving and nursery area and 1000 m buffer around nursery area value, as mapped): <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 MNRF. <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. 	Source <i>Forest Management Guide for Boreal Landscapes, Section 3.5.2.1, Pages 51-53 & Planning Team</i>	Exception 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"> • 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 MNRF 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 MNRF prior to use. • Provisional activities (Table 11.2) <u>may be permitted</u> during the timing restriction with written permission from the District MNRF. <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 MNRF 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		
M03 (back to AOC list)	Group	Moose Summer Thermal Patch		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none"> Reserve and Modified operations as mapped Prescription: <ul style="list-style-type: none"> No harvest renewal or tending operations permitted within areas identified for cover adjacent to MAFAs. Renewal, and tending operations are permitted in previously harvested areas. Return harvest of these patches may be considered in future FMP's 		<i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Pages 30-31</i>	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"> MNR District Biologist for the Whiskey Jack Forest will be contacted prior to construction and written permission obtained. Road right of way will be kept to 20m width. 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"> MNR District Biologist for the Whiskey Jack Forest will be contacted prior to construction and written permission obtained. Road right of way will be kept to 20m width. Operations associated with existing roads are permitted in the AOC. 		No	No

Management Unit Name: Whiskey Jack Forest

Plan Period: April 1, 2024 to March 31, 2034

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			
<p>M04</p> <p>(back to AOC list)</p>	Group	Moose Winter Cover Stands			
	A. Operational Prescriptions for Areas of Concern				
	Operational Prescription		Source	Exception	
	<p><u>Description:</u></p> <ul style="list-style-type: none"> Reserve and Modified operations as mapped Stands or parts of stands required to meet cover to cover requirements in Moose Winter Concentration Areas identified within Moose Emphasis Areas will be identified and maintained using this AOC. Identification and maintenance of Moose Winter Cover Stands has been done at the operational planning stage of the forest management plan. <p><u>Prescription:</u></p> <ul style="list-style-type: none"> No harvest renewal or tending operations permitted within areas identified for cover-to-cover requirements. Renewal, and tending operations are permitted in previously harvested areas. Return harvest of these patches may be considered in future FMP's. 		<p><i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 31-32</i></p>	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"> MNRF District Biologist for the Whiskey Jack Forest will be contacted prior to construction and written permission obtained. Road right of way will be kept to 20m width. 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"> MNRF District Biologist for the Whiskey Jack Forest will be contacted prior 		No	No	

Management Unit Name: Whiskey Jack Forest
 Plan Period: April 1, 2024 to March 31, 2034

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

<ul style="list-style-type: none"> to construction and written permission obtained. <ul style="list-style-type: none"> o Road right of way will be kept to 20m width. • 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	Group	Bat Hibernacula		
A. Operational Prescriptions for Areas of Concern				
Operational Prescription				
(back to AOC list)	<u>Description:</u>		<i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales</i> (MNRF, 2010), Pages 99-100	No
	<ul style="list-style-type: none"> Hibernacula known to be suitable and to have been used at least once within the past 20 years 200 m radius AOC centered on the entrance to the hibernaculum. Hibernation and Associated Entrance/Emergence Period is September 1st to May 30th 			
	<u>Prescription:</u>			
	<p><u>0–100 m from hibernaculum entrance</u></p> <ul style="list-style-type: none"> Harvest, renewal and tending operations are not permitted. <p><u>101-200 m from hibernaculum entrance, During Hibernation and Associated Entrance/Emergence Periods (September 1st to May 30th):</u></p> <ul style="list-style-type: none"> Harvest, renewal, and tending operations involving heavy equipment are not permitted. <p><u>101-200 m from hibernaculum entrance, Outside of Hibernation and Associated Entrance/Emergence Period (May 31st to Aug. 31st):</u></p> <ul style="list-style-type: none"> Harvest, renewal and tending operations that retain residual forest are permitted. 			
B. Primary Roads, Branch Roads, and Landings (Planned or Existing)				
Conditions on Location, Construction or Use				
	<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
	<u>September 1st to May 30th (During Hibernation and Associated Entrance/Emergence</u>			

Management Unit Name: Whiskey Jack Forest

Plan Period: April 1, 2024 to March 31, 2034

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

<p>Periods)</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		
M06 (back to AOC list)	Group	Bat Roosting Site		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <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 Prescription: <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	Group	White-Tailed Deer Critical Thermal Cover		
A. Operational Prescriptions for Areas of Concern				
		Operational Prescription	Source	Exception
(back to AOC list)	<p><u>Description:</u></p> <ul style="list-style-type: none"> Reserve operations as mapped Stands 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 severe winter thermal cover stands (cover rank 5-10) has been done at the operational planning stage of the forest management plan. <p><u>Prescription:</u></p> <ul style="list-style-type: none"> No harvest renewal or tending operations permitted. Renewal, and tending operations are permitted in previously harvested areas. Return harvest of these patches may be considered in future FMP's. 		<i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales</i> (MNRF, 2010), Pages 26-29 and 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"> MNRF District Biologist for the Whiskey Jack Forest will be contacted prior to construction and written permission obtained. Road right of way width will be kept to a maximum of 30m. 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"> MNRF District Biologist for the Whiskey Jack Forest will be contacted prior to construction and written permission obtained. 		No	No	

Management Unit Name: Whiskey Jack Forest
 Plan Period: April 1, 2024 to March 31, 2034

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

<ul style="list-style-type: none"> ○ Road right of way width will be kept to a maximum of 30m. 		
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	Group	Bald Eagle Primary Nest - Identified Prior to Operations, or Discovered During Operations	
A. Operational Prescriptions for Areas of Concern			
		Operational Prescription	Source
(back to AOC list)	<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 years, in which case the nest is considered inactive (AOC N02) 400 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) are not permitted within 201-400 m of occupied primary nests during the critical breeding period. Operations categorized in Table FMP-11.1 as “low potential impact” or “moderate potential impact” are allowed between 201-400 m of occupied primary nests during the critical breeding period subject to wildlife tree and downed woody material requirements outlined in FMP text Section 4.2.2.2. <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</i> (MNR, 2010), Pages 64-66.</p>	<p>No</p>

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).
- All renewal and tending operations within 100-200 m of the nest are subject to residual

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

<p>pattern and wildlife trees and downed woody material requirements.</p> <ul style="list-style-type: none"> • 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 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 	No	No

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

required for safety reasons or environmental protection. <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		
N02 (back to AOC list)	Group	Bald Eagle Inactive Nest		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Definition: <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 Prescription: <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. 		<i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Page 67.</i>	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 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		
<p>N03</p> <p>(back to AOC list)</p>	<p>Group</p>	<p>Osprey Primary Nest Identified Prior to Operations, or Discovered During Operations, (see definition below)</p>		
	<p>A. Operational Prescriptions for Areas of Concern</p>			
	<p>Operational Prescription</p>		<p>Source</p>	<p>Exception</p>
	<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) 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. 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)</p>		<p><i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales</i> (MNR, 2010), Pages 68-69.</p>	<p>No</p>

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

are not permitted within 151-300 m of occupied primary nests during the critical breeding period, Renewal and tending operations categorized as “low potential impact” or “moderate potential impact” are allowed between 151-300 m of occupied primary nests during the critical breeding period subject to meeting wildlife trees and downed woody material requirements outlined in Section 4.2.2.2 of the FMP.

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

Harvest, renewal and tending operations are permitted subject to residual pattern and wildlife trees and downed woody material requirements. Preferentially retain wildlife trees that may function as potential nest, perch or roost sites based on the following order of priority: 1) super-canopy trees, 2) veteran trees, 3) cavity trees, and 4) other live dominant or codominant trees that are windfirm. White pines, red pines, and poplars will be favoured when available.

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

0-150 m from nest

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

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

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

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

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

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

<p><u>151-300 m from nest (outside of additional patch described above)</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) 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		
N04 (back to AOC list)	Group	Osprey Inactive Nest		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Definition: <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. Prescription: 0-75 m from nest <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 (MNR, 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				
(back to AOC list)	<u>Definition:</u>		<i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 73-74.</i>	No
	<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 years • Small 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 years • The critical breeding period for great blue heron is April 1 to August 15 • 300 m radius AOC measured from peripheral nests <p><u>Prescription:</u></p> <p><u>Critical breeding period and nest(s) is occupied:</u></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) 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 permitted. 			

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) 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><u>Critical breeding period and nest is not occupied, or outside of critical breeding period:</u></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)			
(back to AOC list)	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 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. 	No	No

Management Unit Name: Whiskey Jack Forest
 Plan Period: April 1, 2024 to March 31, 2034

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. 		<p><i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Pages 74-75.</i></p>	<p>No</p>
	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. 		<p>No</p>	<p>No</p>	

Management Unit Name: Whiskey Jack Forest
 Plan Period: April 1, 2024 to March 31, 2034

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	Group	Active colonies of Bonaparte's Gull		
A. Operational Prescriptions for Areas of Concern				
Operational Prescription				
(back to AOC list)	<u>Definition:</u>		<i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales</i> (MNRF, 2010), Pages 75-76.	No
	<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 nests • The 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. 			

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	Group	Active bank swallow nest or colony		
A. Operational Prescriptions for Areas of Concern				
		Operational Prescription	Source	Exception
(back to AOC list)	<p><u>Description:</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 50 m radius AOC measured from peripheral nests The critical breeding period for bank swallows is May 1 to July 31 Direction applies to colonies known before or found during, operations. <p><u>Prescriptions:</u></p> <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) 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. 		<p><i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Page 76-77.</i></p>	<p>No</p>

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), 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	Group	Primary nests of great grey owl, northern goshawk, or red-shouldered hawk		
A. Operational Prescriptions for Areas of Concern				
		Operational Prescription	Source	Exception
(back to AOC list)	<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 grey owl, northern goshawk and red-shouldered hawk is March 15 to July 15. 		<p><i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales</i> (MNR, 2010), Pages 77-80.</p>	<p>No</p>
	<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) 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. • All renewal and tending operations in previously harvested areas are subject to 			

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

<p>wildlife trees and downed woody material requirements outlined in Section 4.2.2.2 of the FMP.</p> <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	Group	Alternate nests of great grey owl, northern goshawk, or red- shouldered hawk (see definition below)		
A. Operational Prescriptions for Areas of Concern				
Operational Prescription				
(back to AOC list)	<u>Definition:</u>		Source	Exception
	<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). • Any nest in good repair within 400m of primary nests. <p><u>Prescription:</u></p> <ul style="list-style-type: none"> • 50 m radius AOC centred on alternate nests. • 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. 		<i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales</i> (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 (back to AOC list)	Group	Inactive nests of great grey owl, northern goshawk, or red-shouldered hawk		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Definition: <ul style="list-style-type: none"> • 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 repair ○ primary and alternate nests (N12) within nesting areas where all nests within the nesting area have been documented as unoccupied for >=3 consecutive years. • 20 m radius AOC centered nest tree Prescription: Nest in Good Repair: <ul style="list-style-type: none"> • Harvest is not permitted within 20 m of the nest; the patch may be counted as residual forest. Nest Not in Good Repair: <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 (MNR, 2010), Page 81.	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, 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	

Management Unit Name: Whiskey Jack Forest

Plan Period: April 1, 2024 to March 31, 2034

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">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 (back to AOC list)	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: 				<i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales</i> (MNR, 2010), Pages 82-83.	No	
	Table A:						
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		
Cooper’s 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

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							
<ul style="list-style-type: none"> 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 aggregate pits around inactive nests. Operations associated with operational 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

	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 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 border="1"> <thead> <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> </thead> <tbody> <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> </tbody> </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	<p><i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNRF, 2010), Pages 85-86.</i></p>	No
	Species	AOC radius (m)	Critical Breeding Period	Distance from Nest (m) Timing Restriction During Critical Breeding Period if Nest is Occupied																																																											
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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																																																										
<u>Outside of the critical breeding period</u>																																																															

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

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

<ul style="list-style-type: none"> 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 border="1"> <thead> <tr> <th>Species</th> <th>Retain</th> </tr> </thead> <tbody> <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> </tbody> </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: Whiskey Jack Forest
 Plan Period: April 1, 2024 to March 31, 2034

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 border="1" style="margin-left: 20px;"> <thead> <tr> <th>Species</th> <th>Radius of AOC</th> </tr> </thead> <tbody> <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> </tbody> </table> Prescription: <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 border="1" style="margin-left: 20px;"> <thead> <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> </thead> <tbody> <tr> <td>Turkey vulture</td> <td style="text-align: center;"><u>May 1 to August 31</u></td> <td style="text-align: center;">150 m</td> <td style="text-align: center;">75 m</td> <td style="text-align: center;">40 m</td> </tr> <tr> <td>Short-eared owl</td> <td style="text-align: center;"><u>March 15 to July 15</u></td> <td style="text-align: center;">100 m</td> <td style="text-align: center;">50 m</td> <td style="text-align: center;">25 m</td> </tr> <tr> <td>Northern harrier</td> <td style="text-align: center;"><u>April 1 to July 31</u></td> <td style="text-align: center;">50 m</td> <td style="text-align: center;">25 m</td> <td style="text-align: center;">10 m</td> </tr> </tbody> </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	<u>May 1 to August 31</u>	150 m	75 m	40 m	Short-eared owl	<u>March 15 to July 15</u>	100 m	50 m	25 m	Northern harrier	<u>April 1 to July 31</u>	50 m	25 m	10 m	<i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales</i> (MNR, 2010), Pages 87-88.
Species	Radius of AOC																																	
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Northern harrier	<u>April 1 to July 31</u>	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
(back to AOC list)	<p><u>Description:</u></p> <ul style="list-style-type: none"> 200 m radius AOC centred on nesting sites identified in NRVIS or encountered by field operations. The critical breeding period for Whip-poor-will is May 1st to August 14th. <p><u>Prescription:</u></p> <ul style="list-style-type: none"> No forest harvest operations permitted within 200 m from the nesting site. Site preparation, renewal and tending operations of previously harvested areas within the AOC are only permitted outside of the critical breeding period (August 15 to April 30th). Residual pattern, wildlife trees and downed woody material will be retained as prescribed in the FMP text Section 4.2.2.2. <p>Note: Nest searches are not encouraged due to sensitivity of eggs and/or offspring.</p>		Planning Team	No
	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

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
During the critical breeding period May 1 – August 14: <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. Outside the critical breeding period there are no restrictions.	No	No
D. Forestry Aggregate Pits (Planned or Existing)		
Conditions on Location, Construction or Use	Exception	
During the critical breeding period May 1 – August 14: <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. Outside the critical breeding period there are no restrictions.	No	

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

AOC ID	Group AOC	Description of Value		
N16	YES	Common Nighthawk Nesting Habitat		
A. Operational Prescriptions for Areas of Concern				
		Operational Prescription	Source	Exception
(back to AOC list)	<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 MNRF. <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 MNRF.</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		
N17	Group	Barn Swallow Nesting Sites		
(back to AOC list)	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 MNR District Management Biologist as soon as it is identified. The Company will work with the MNR 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	Group	Trumpeter Swan Nesting Site																	
A. Operational Prescriptions for Areas of Concern																			
		Operational Prescription	Source	Exception															
(back to AOC list)	<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 border="1"> <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																	

Management Unit Name: Whiskey Jack Forest
 Plan Period: April 1, 2024 to March 31, 2034

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			
N19 (back to AOC list)	Group	Snapping Turtle – Nesting Habitat			
	A. Operational Prescriptions for Areas of Concern				
	Operational Prescription		Source	Exception	
	30 METRE NO HARVEST RESERVE with TIMING RESTRICTION 30 metre radius reserve. <ul style="list-style-type: none"> Harvest, renewal tending operations are not permitted within the AOC. 		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (p120), Planning Team	No	
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)				
	Conditions on Location, Construction or Use		Public Comment	Exception	
	No new roads or landings 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 October 31. No road decommissioning, including water crossing work, during the nesting period (June 1 to October 31). 		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 October 31.			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		
HL1	Group	Hydro Line Right-of-Way		
A. Operational Prescriptions for Areas of Concern				
		Operational Prescription	Source	Exception
(back to AOC list)	<p><u>Description:</u></p> <ul style="list-style-type: none"> Modified operations within the 30 metre AOC, as measured from the edge of transmission right-of-way: <p><u>Prescription:</u></p> <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. <p>Contact Information: Hydro One Emergency 1-800-434-1235</p> <p>Transmission Corridor Maintenance 1-888-664-9376 One Call (https://www.on1call.com/)</p>		Planning Team (in consultation with Hydro One)	No
B. Primary Roads, Branch Roads, and Landings (Planned or Existing)				
		Conditions on Location, Construction or Use	Public Comment	Exception

Management Unit Name: Whiskey Jack Forest
 Plan Period: April 1, 2024 to March 31, 2034

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"> 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
	(back to AOC list)	<p><u>Description:</u></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><u>Prescription:</u></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 required No mobile equipment or vehicles larger than a ¾ ton are allowed on the pipeline right-of-way at any time, unless on an authorized and approved pipeline crossing or are road construction equipment performing work that is approved and authorized by TC Energy. 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 style="text-align: center;">TC Energy Emergency Number 1-888-982-7222</p>		Planning Team (in consultation with Union Gas)
B. Primary Roads, Branch Roads, and Landings (Planned or Existing)				
Conditions on Location, Construction or Use		Public Comment	Exception	

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"> • 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
(back to AOC list)	<p><u>Description:</u></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><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"> 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. MNRF procedure FOR 05_01_04 will be applied.</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"> 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 (back to AOC list)	Group	Provincial Park and Other Protected Areas						
	A. Operational Prescriptions for Areas of Concern							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #d9d9d9;">Operational Prescription</th> <th style="background-color: #d9d9d9;">Source</th> <th style="background-color: #d9d9d9;">Exception</th> </tr> </thead> <tbody> <tr> <td> <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"> 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. <p>Regular harvest, renewal and tending operations are permitted outside of the marked reserve buffer. MNRF procedure FOR 05_01_04 will be applied.</p> </td> <td style="vertical-align: top;"> Planning Team (Provided by Ontario Parks) </td> <td style="vertical-align: top; text-align: center;"> No </td> </tr> </tbody> </table>	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"> 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. <p>Regular harvest, renewal and tending operations are permitted outside of the marked reserve buffer. MNRF procedure FOR 05_01_04 will be applied.</p>	Planning Team (Provided by Ontario Parks)	No	Planning Team (Provided by Ontario Parks)
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"> 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. <p>Regular harvest, renewal and tending operations are permitted outside of the marked reserve buffer. MNRF procedure FOR 05_01_04 will be applied.</p>	Planning Team (Provided by Ontario Parks)	No						

Management Unit Name: Whiskey Jack Forest

Plan Period: April 1, 2024 to March 31, 2034

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		
RR1 (back to AOC list)	Group	Railroad Right-of-Way		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none"> 50 metres AOC from railway right of way Prescriptions: <ul style="list-style-type: none"> Harvesting permitted within AOC. Trees to be felled away from tracks No residual trees to be left standing within AOC No landings permitted within AOC No slash piles or chipper debris piles within AOC All 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 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

AOC ID	Group AOC	Description of Value		
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FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

<p>HC1</p> <p>(back to AOC list)</p>	Group	Highway Corridor Aesthetics		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u></p> <ul style="list-style-type: none"> 60 metre AOC from edge of highway right of way <p><u>Prescriptions:</u></p> <ul style="list-style-type: none"> Harvesting is not permitted within AOC unless the adjacent forest/harvest area is a minimum of 2 metres tall. 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"> Roads are allowed in AOC to provide access from the highway and an entrance permit will be acquired from the Ministry of Transportation 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		
WM1 (back to AOC list)	Group	Waste Management Area		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: <ul style="list-style-type: none"> 30 metre AOC from the edge of permitted Waste Management Area. Prescriptions: <ul style="list-style-type: none"> No 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 roads or landings are permitted in the AOC. Hauling and road maintenance is permitted on 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"> 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																																							
<p>RP1</p> <p>(back to AOC list)</p>	Group	Research Trials and Tree Orchards																																							
	A. Operational Prescriptions for Areas of Concern																																								
	Operational Prescription				Source	Exception																																			
	<p>Description:</p> <ul style="list-style-type: none"> Variable AOC widths as described in the research project plan or table below <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #d9d9d9;">Research Trial / Tree Orchard</th> <th style="background-color: #d9d9d9;">Species</th> <th style="background-color: #d9d9d9;">Plot type</th> <th style="background-color: #d9d9d9;">Protection</th> <th style="background-color: #d9d9d9;">AOC Width</th> </tr> </thead> <tbody> <tr> <td>Seed Orchard – Ulster Lake</td> <td>Sb</td> <td>Permanent</td> <td>No-Cut</td> <td>10m</td> </tr> <tr> <td>Seed Orchard – High Lake</td> <td>Sw</td> <td>Permanent</td> <td>No-Cut</td> <td>10m</td> </tr> <tr> <td>Family Test – Dryberry Lake</td> <td>Pj</td> <td>Permanent</td> <td>No-Cut</td> <td>10m</td> </tr> <tr> <td>Family Test – Dirtywater Lake</td> <td>Pj</td> <td>Permanent</td> <td>No-Cut</td> <td>10m</td> </tr> <tr> <td>Family Test – Kishquabik Lake</td> <td>Pj</td> <td>Permanent</td> <td>No-Cut</td> <td>10m</td> </tr> <tr> <td>Family Test – Colonna Lake</td> <td>Sb</td> <td>Permanent</td> <td>No-Cut</td> <td>10m</td> </tr> </tbody> </table> <p>Prescription:</p> <ul style="list-style-type: none"> A reserve width based on the table above will be applied from the perimeter of the trial/orchard. Regular orchard work and data collection will not require AWS approval. 				Research Trial / Tree Orchard	Species	Plot type	Protection	AOC Width	Seed Orchard – Ulster Lake	Sb	Permanent	No-Cut	10m	Seed Orchard – High Lake	Sw	Permanent	No-Cut	10m	Family Test – Dryberry Lake	Pj	Permanent	No-Cut	10m	Family Test – Dirtywater Lake	Pj	Permanent	No-Cut	10m	Family Test – Kishquabik Lake	Pj	Permanent	No-Cut	10m	Family Test – Colonna Lake	Sb	Permanent	No-Cut	10m	Planning Team	No
	Research Trial / Tree Orchard	Species	Plot type	Protection	AOC Width																																				
	Seed Orchard – Ulster Lake	Sb	Permanent	No-Cut	10m																																				
	Seed Orchard – High Lake	Sw	Permanent	No-Cut	10m																																				
	Family Test – Dryberry Lake	Pj	Permanent	No-Cut	10m																																				
	Family Test – Dirtywater Lake	Pj	Permanent	No-Cut	10m																																				
	Family Test – Kishquabik Lake	Pj	Permanent	No-Cut	10m																																				
	Family Test – Colonna Lake	Sb	Permanent	No-Cut	10m																																				
	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																																					

Management Unit Name: Whiskey Jack Forest

Plan Period: April 1, 2024 to March 31, 2034

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
(back to AOC list)	<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</p> <p>Research Plot Protection, Protection Prescription Ident: Full Protection - Negotiable</p> <p>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 MNRF 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 MNRF 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 MNRF Growth & Yield Program specialist and District Management Forester for consideration of these activities in a PGP AOC:</p> <ol style="list-style-type: none"> 1. clearcut (in PGPs only), selection, or shelterwood harvest, 2. commercial thinning harvest, or 3. tending activities (e.g., herbicide application, pre-commercial thinning). 		<p>OMNR Growth and Yield Program PSP and PGP Reference Manual</p> <p>Forest Co-op Field Manual for the Location & Measurement of Permanent Growth Plots</p> <p>MNRF Forest Productivity Science Specialist</p>	<p>No</p>
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			

Management Unit Name: Whiskey Jack Forest
 Plan Period: April 1, 2024 to March 31, 2034

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

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. 	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. 	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			
RP3 (back to AOC list)	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	Group	Multi-species Inventory and Monitoring (MSIM) Plot		
A. Operational Prescriptions for Areas of Concern				
		Operational Prescription	Source	Exception
(back to AOC list)	<p><u>Description:</u> A 1000 m AOC measured from the plot centre including:</p> <ul style="list-style-type: none"> • A 1000 m modified zone measured from the plot centre, and; • Notify the Wildlife Population Monitoring Program (WPMP) specialist in your region if operations are planned within this zone. • Station marker (aluminum posts), individual trees used to mount monitoring equipment, and the salamander coverboard survey grid are collectively referred to as plot infrastructure. • Active plots will have plot infrastructure clearly marked, and detailed station locations for all plots (active and inactive) are available from the WPMP 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 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"> • Normal operations within the 1000 m AOC; however, operations should avoid damaging any plot infrastructure to the extent reasonably possible. Notify the WPMP specialist if the marker posts or salamander grid are damaged. <p>Active Plots:</p> <ul style="list-style-type: none"> • September 16 to April 30 – Normal operations can proceed if plot infrastructure is kept intact. Avoid traversing the salamander coverboard grid; however, trees within the grid can be removed provided no disturbance to any coverboards takes place. • May 1 to September 15 – No operations may take place within the AOC unless other 		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

arrangements have been made with the WPMP specialist.			
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"> • 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
D. Forestry Aggregate Pits (Planned or Existing)			
Conditions on Location, Construction or Use			Exception

Management Unit Name: Whiskey Jack Forest
Plan Period: April 1, 2024 to March 31, 2034

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

<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.• 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 m of plot center or within 100 m of any of the infrastructure.○ Active plots: No new aggregate pits will be placed within 500 m of plot center or within 100 m of any infrastructure.• 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.	No
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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
	<p><u>Description:</u></p> <ul style="list-style-type: none"> Mapped as a 50 metre modified AOC around the known location of the value. <p><u>Prescription:</u></p> <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 maintenance 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). 		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 maintenance 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). 		No	No
D. Forestry Aggregate Pits (Planned or Existing)				

Management Unit Name: Whiskey Jack Forest

Plan Period: April 1, 2024 to March 31, 2034

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

Conditions on Location, Construction or Use	Exception
<ul style="list-style-type: none">Aggregate pits are permitted in the AOC.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).	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		
T01	Group	Aesthetics Along High Volume Tourism Lakes and Roads		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: • Identified tourism values, 90 m AOC measured from the edge of standing timber along the shoreline or the center of an existing road.		Planning Team	No
	Prescription: • 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.			
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	• No new primary or branch roads are permitted within the AOC.		No	No
	C. Operational Roads and Landings (Planned or Existing)			
	Conditions on Location, Construction or Use		Public Comment	Exception
	• 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
	• 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		
T02 (back to AOC list)	Group	Aesthetics Along High Volume Tourism Lakes and Roads		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<u>Description:</u> <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. <u>Prescription:</u> <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		
T03	Group	Aesthetics Along High Volume Tourism Lakes		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: • For large lakes associated with identified tourism values, 200 m AOC measured from the edge of standing timber along the shoreline. Prescription: • 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
	• 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
	• 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
	• 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		
T04 (back to AOC list)	Individual	Tourism – Road Aesthetics		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: • Identified tourism road values, 30 m AOC measured from the edge of the traveled existing road.		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		
T05 (back to AOC list)	Individual	Tourism – Road Aesthetics		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u></p> <ul style="list-style-type: none"> Identified tourism road values, 60 m AOC measured from the centre of an existing road. <p><u>Prescription:</u></p> 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		
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, MNR District Forester for the Whiskey Jack 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: <ul style="list-style-type: none"> If an operational road must be built within the modified AOC, the MNR District Forester for the Whiskey Jack Forest will be contacted prior to construction. 		Yes	No

Management Unit Name: Whiskey Jack Forest
Plan Period: April 1, 2024 to March 31, 2034

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		
Tat (back to AOC list)	Group	Tourism – Access Trail		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<u>Description:</u> 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
	<u>Prescription:</u> 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
	<ul style="list-style-type: none"> No new aggregate pits are permitted within the AOC. 			No

Management Unit Name: Whiskey Jack Forest

Plan Period: April 1, 2024 to March 31, 2034

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

AOC ID	Group AOC	Description of Value		
Tcs (back to AOC list)	Group	Tourism – Identified Campsites		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<u>Description:</u> <ul style="list-style-type: none"> 50 metre AOC from the center point of the campsite or mapped group sites. <u>Prescription:</u> <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		
Tgl (back to AOC list)	Individual	Aesthetics - Gibi Lake		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	Description: • As negotiated with Gibi Lake Cottagers, 300 m AOC measured from the edge of standing timber along the shoreline. Prescription: • 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 (200m-300m) provided there is no safe alternative and discussed with Gibi Lake Cottagers. 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
	• 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
	• 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
	• 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		
Tpt (back to AOC list)	Group	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 MNRF 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, MNRF 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 MNRF 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 MNRF 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 MNRF 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 MNRF 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 MNRF 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		
Trd (back to AOC list)	Individual	Tourism – Aesthetics Along Recreational Property Access Roads		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u></p> <ul style="list-style-type: none"> 100-metre modified AOC applied adjacent to identified recreational property access roads. Applied as mapped <p><u>Prescription:</u></p> <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: If a primary or branch road must be built within the AOC, MNRF District Forester for the Whiskey Jack 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: <ul style="list-style-type: none"> If an operational road must be built within the modified AOC, the MNRF District Forester for the Whiskey Jack Forest will be contacted prior to construction. 		No	No

Management Unit Name: Whiskey Jack Forest
Plan Period: April 1, 2024 to March 31, 2034

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		
Tst (back to AOC list)	Individual	Tourism – OFSC Trail		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<u>Description:</u> <ul style="list-style-type: none"> For OFCS Sunset Trail Riders trail system, 15 m AOC measured from the edge of the trail clearing. 		Planning Team	No
	<u>Prescription:</u> 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
	<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		
<b style="color: red;">Tt1 (back to AOC list)	Individual	Timing Restriction – Winter Harvest		
	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 – October 31: <ul style="list-style-type: none"> Seasonal restrictions 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. November 1 – April 30: 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		
Tt2 (back to AOC list)	Individual	Timing Restriction – Fall Hunting		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u></p> <ul style="list-style-type: none"> AOC as mapped. <p><u>Prescription:</u></p> <ul style="list-style-type: none"> September 1 – November 30: <ul style="list-style-type: none"> Seasonal restrictions on road construction, harvest, haul and mechanical site preparation operations. <ul style="list-style-type: none"> If there is an agreement with the proponent regarding the modification of the seasonal restriction, then the modification will be documented and will be in effect for only the Annual Work Schedule in which it was negotiated. Regular harvest, renewal and tending operations may be permitted in allocated blocks subject to this agreement. No timing restrictions on timing of other low-noise renewal activities such as planting, aerial seeding or mechanical tending. December 1 – August 31: 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. September 1 – November 30 - 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. September 1 – November 30 - Seasonal restriction on road construction. 		No	No

Management Unit Name: Whiskey Jack Forest

Plan Period: April 1, 2024 to March 31, 2034

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.	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		
Tt3 (back to AOC list)	Individual	No Herbicide and Timing Restriction – Fall Hunting		
	A. Operational Prescriptions for Areas of Concern			
	Operational Prescription		Source	Exception
	<p><u>Description:</u></p> <ul style="list-style-type: none"> AOC as mapped. <p><u>Prescription:</u></p> <ul style="list-style-type: none"> No herbicide application – for the duration of the 2024-2034 FMP. <u>September 1 – November 30:</u> <ul style="list-style-type: none"> Seasonal restrictions on road construction, harvest, haul and mechanical site preparation operations. <ul style="list-style-type: none"> If there is an agreement with the proponent regarding the modification of the seasonal restriction, then the modification will be documented and will be in effect for only the Annual Work Schedule in which it was negotiated. Regular harvest, renewal and non-chemical tending operations may be permitted in allocated blocks subject to this agreement. No timing restrictions on timing of other low-noise renewal activities such as planting, aerial seeding or mechanical tending. <u>December 1 – August 31:</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	

Management Unit Name: Whiskey Jack Forest
 Plan Period: April 1, 2024 to March 31, 2034

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"> • 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		
NH1 (back to AOC list)	Individual	No Herbicide		
	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"> No herbicide application – for the duration of the 2024-2034 FMP. All harvest, renewal and non-herbicide 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. 		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. 		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		
<p>LS1</p> <p>(back to AOC list)</p>	<p>Group</p>	<p>Tourism – Lac Seul Shoreline</p>		
	<p>A. Operational Prescriptions for Areas of Concern</p>			
	<p>Operational Prescription</p>		<p>Source</p>	<p>Exception</p>
	<p><u>Definition:</u></p> <ul style="list-style-type: none"> 650 metre AOC along the shoreline of Lac Seul. AOC is measured from standing timber. <p><u>Prescription:</u></p> <p><u>0-120 m</u></p> <ul style="list-style-type: none"> Harvest, renewal and tending operations are not permitted. Renewal operations of previously harvested areas is permitted. <p><u>121-650 m</u></p> <ul style="list-style-type: none"> Harvest, renewal and tending operations are permitted as per SGR's. 		<p><i>Planning Team</i></p>	<p>No</p>
	<p>B. Primary Roads, Branch Roads, and Landings (Planned or Existing)</p>			
<p>Conditions on Location, Construction or Use</p>		<p>Public Comment</p>	<p>Exception</p>	
<ul style="list-style-type: none"> No new primary or branch roads are permitted within the AOC. 		<p>No</p>	<p>No</p>	
<p>C. Operational Roads and Landings (Planned or Existing)</p>				
<p>Conditions on Location, Construction or Use</p>		<p>Public Comment</p>	<p>Exception</p>	
<p><u>0-240 m</u></p> <ul style="list-style-type: none"> Roads and Landings are not permitted. <p><u>241-650 m</u></p> <ul style="list-style-type: none"> Roads and landings are permitted providing; all roads are decommissioned within three (3) years of the completion of operations. 		<p>No</p>	<p>No</p>	

Management Unit Name: Whiskey Jack Forest
Plan Period: April 1, 2024 to March 31, 2034

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
<u>0-240 m</u> <ul style="list-style-type: none">Forestry aggregate pits are not permitted.	No
<u>241-650 m</u> <ul style="list-style-type: none">Forestry aggregate pits are permitted.	

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																			
(back to AOC list)	<u>Description:</u>			<i>Forest</i>	No														
	<p>For all lakes, rivers, HPS streams, and HPS ponds variable 30-90 metres AOC based on slope as per the following criteria:</p> <table border="0"> <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> <p>For MPS ponds and MPS streams a 30 m AOC will be applied.</p> <p><u>Prescription:</u></p> <ul style="list-style-type: none"> 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, operations may be carried out up to the height of land within the AOC, provided other objectives are not compromised including retaining shoreline travel corridors at least 30 m wide. These adjustments do not require a revision or amendment and would not contradict the intent of the direction in the Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales. No harvest, renewal or tending is permitted in the AOC except the clearing of road right-of-ways. 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. 			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	<i>Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Pages 39-53.</i>
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																	

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

<ul style="list-style-type: none"> • 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. 		
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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> <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</p>	<p>No</p>	<p>No</p>

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

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

<p>groundwater discharge will consider design principles to minimize the risk of sediment delivery and disruption of hydrological function.</p> <p>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.</p> <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 Supp Doc. O – DFO – MNRF Water Crossing Approval Protocol, 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 Supp Doc. O – DFO – MNRF Water Crossing Approval Protocol, 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				
(back to AOC list)	<u>Description:</u>		<i>Forest</i>	No
	<ul style="list-style-type: none"> • 15 m wide shoreline AOC • 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 (< 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. 		<i>Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Page 53-54</i>	

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 MNRF/DFO Water Crossing Protocol must be followed when extraction trails cross LPS streams, including using temporary crossing structures that do not impede, accelerate, or divert water movement. If minor rutting is likely to occur, watercourse bank and bed protection methods (e.g. swamp mats, pads) are to be used provided they do not constrict flows or block fish passage. Grading of the watercourse banks for the approaches is not permitted. If the watercourse bed and banks are steep and highly erodible (e.g. dominated by organic material and silts) and erosion and degradation are likely to occur as a result of equipment for fording, a temporary crossing structure or other practice must be used to protect these areas. The crossing must adhere to the appropriate in-water timing windows. Crossing must occur under low-flow conditions and not when flows are elevated due to local rain events or seasonal flooding. 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). The number of water crossings within the AOC will be minimized and temporary 	No	No

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

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
(back to AOC list)	<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 ponds Excessive removal or damage of sapling-sized trees (< 10 cm dbh) and shrubs within 3 m of ponds Felling 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. 		<p><i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales</i> (MNRF, 2010), Page 44.</p>	<p>No</p>
	B. Primary Roads, Branch Roads, and Landings (Planned or Existing)			

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

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								
(back to AOC list)	<u>Description:</u>		<i>Forest</i>	No								
	Modified AOC: For all lakes and HPS ponds variable 30 to 50m AOC based on slope as per the following criteria: <table border="0"> <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> For MPS ponds 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. • 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: <ul style="list-style-type: none"> ○ At least 15 m tall (or the tallest of those available). 		Slope (%)	Slope (degrees)	Width of AOC	0-15	0-8.5	30 m	>15-30	8.6-16.7	50 m	<i>Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Pages 39-44.</i>
Slope (%)	Slope (degrees)	Width of AOC										
0-15	0-8.5	30 m										
>15-30	8.6-16.7	50 m										

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

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| <ul style="list-style-type: none">○ 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.
● 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, springs, seeps, and other areas of groundwater discharge connected to lakes or ponds. | | |
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FMP-11 OPERATIONAL PRESCRIPTIONS FOR AREAS OF CONCERN AND CONDITIONS ON ROADS, LANDINGS AND FORESTRY AGGREGATE PITS

- Harvest, renewal, and tending operations will follow appropriate operating practices to minimize rutting, compaction, and mineral soil exposure that could lead to erosion and subsequent transport and deposition of sediment in lakes or ponds. Reasonable efforts will be made to ensure extraction trails will not cross recognizable ephemeral streams, springs, seeps, and other areas of groundwater discharge when not solidly frozen. However; if these features are required to be crossed, special care will be taken; temporary crossing structures that do not impede, accelerate, or divert water movement will be used when appropriate.
- Harvest, renewal, and tending operations will, to the extent practical and feasible, encourage perpetuation of the distinctive character of the shoreline forest while emulating natural disturbances and/or succession (unless conversion is required to meet other ecological objectives.) Prescribed burns should be considered as an option for renewing shoreline forest.
- No contamination of lakes or ponds by foreign materials is permitted. Specifically,
 - The use and storage of fuels will be carried out in accordance with the *Liquid Fuels Handling Code*.
 - No equipment maintenance (e.g., washing or changing oil) is permitted within 30 m of lakes or ponds.
- 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 *significant areas* or *sensitive areas* (as appropriate) as prescribed in the *Ontario Ministry of the Environment/Ontario Ministry of Natural Resources Buffer Zone Guidelines for Aerial Application of Pesticides in Crown Forests of Ontario (1992)*.
- Where ground application is:
 - broadcast applied (e.g. fogger, air blaster) the application of herbicides is permitted within the AOC. Spray buffer zones will be 30 m for *significant areas* and 60 m for *sensitive areas* and wetlands. Sensitive areas include wetlands, spawning areas, nursery areas, headwaters, sanctuaries, and stocked lakes.
 - targeted 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

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

<p>10 m.</p> <ul style="list-style-type: none"> 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. <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>	<p>No</p>	<p>No</p>

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

<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										
(back to AOC list)	<u>Description:</u>		<i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (MNR, 2010), Pages 48-53.</i>	No						
	Modified AOC: For all rivers and HPS streams variable 30 to 50m AOC based on slope as per the following criteria: <table border="0" style="margin-left: 40px;"> <tr> <td style="padding-right: 20px;">Slope (%)</td> <td style="padding-right: 20px;">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> For MPS streams a 30 m AOC will be applied.				Slope (%)	Slope (degrees)	Width of AOC	0-15	0-8.5	30 m
Slope (%)	Slope (degrees)	Width of AOC								
0-15	0-8.5	30 m								
>15-30	8.6-16.7	50 m								
<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. 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. 										

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

- If the inner boundary of the AOC (start of wood vegetation) is >15m from the active channel, harvesting is permitted, under the following conditions:
 - Within the inner 15 m of the AOC, at least 10 trees/100 m of shoreline spaced about 10 m apart will be retained as a potential source of future aquatic coarse woody material. Living trees with the following characteristics will be preferentially retained:
 - At least 15 m tall (or the tallest of those available).
 - Close to the active channel (ideally within 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:
 - Machine travel within the inner 3 m of the AOC.
 - Felling of trees into rivers or streams or the inner 3 m of the AOC. Trees accidentally felled into rivers or streams will be left where they fall.
 - Excessive removal or damage of sapling-sized trees (<10 cm dbh) and shrubs

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

<p>within the inner 3 m of the AOC.</p> <ul style="list-style-type: none">○ 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. <ul style="list-style-type: none">● 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. <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.		
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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)	<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. <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. 	No	No	

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

<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				
(back to AOC list)	<u>Description:</u>		<i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales</i> (MNR, 2010), Pages 59-60, 125-126.	No
	<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> Delineated (mapped) habitat comprises the AOC. 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. • No contamination of wetlands by foreign materials is permitted. Specifically; 			

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

<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 not permitted within the AOC. ● 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
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				
(back to AOC list)	<u>Description:</u> 120 metre AOC surrounding the delineated wetlands or wetland complexes identified as provincially significant based on the Ontario Wetland Evaluation System.		<u>Source</u> <i>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales</i> (MNRF, 2010), Page 56-58	<u>Exception</u> No
	<u>Prescription:</u> No contamination of PSWs 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 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 not permitted within the AOC. • 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 Environmental Impact Study (EIS), and subsequent review and approval by MNRF, is amended into the FMP that 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 MNRF 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</p>			

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

<p>in Conditions on Regular Operations (Plan Text Section 4.2.2.2) to minimize rutting, compaction and mineral soil exposure that could lead to erosion and subsequent transport and deposition of sediment within the PSW or the disruption of hydrological function.</p> <p>An Environmental Impact Study (EIS) will follow processes and contain information as outlined by the MNRF in technical documents including the Wetland Environmental Impact Study Requirements Technical Manual (1995) and the Natural Heritage Reference Manual (1999 or updated/amended versions of these documents). The EIS will be reviewed and approved by MNRF.</p>		
<p>B. Primary Roads, Branch Roads, and Landings (Planned or Existing)</p>		
<p>Conditions on Location, Construction or Use</p>	<p>Public Comment</p>	<p>Exception</p>
<p>Water drawdowns or other activities that significantly alter hydrological regime are not permitted on existing roads within the AOC.</p> <p>New roads, landings and aggregate pits are not permitted within the PSW or AOC unless the EIS, and subsequent review and approval by the MNRF demonstrates that the proposed operations will either:</p> <ul style="list-style-type: none"> • 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 MNRF to be minimal and necessary to avoid undesirable ecological or socio-economic impacts of other feasible alternatives. 	<p>No</p>	<p>No</p>
<p>C. Operational Roads and Landings (Planned or Existing)</p>		
<p>Conditions on Location, Construction or Use</p>	<p>Public Comment</p>	<p>Exception</p>
<p>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply).</p>	<p>No</p>	<p>No</p>
<p>D. Forestry Aggregate Pits (Planned or Existing)</p>		
<p>Conditions on Location, Construction or Use</p>	<p>Exception</p>	
<p>Refer to Section B: Primary Roads, Branch Roads and Landings for conditions on construction or use (same conditions apply).</p>	<p>No</p>	

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	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. 		<i>Planning Team</i>	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
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	

Management Unit Name: Whiskey Jack Forest

Plan Period: April 1, 2024 to March 31, 2034

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 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"> ○ delimiting/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	<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

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

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 MNRF. 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 (delimiting, slashing, or chipping) of stockpiled wood. 	

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

MANAGEMENT UNIT NAME: Whiskey Jack Forest (MU 490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

FMP-12 PLANNED HARVEST AREA

Forest Unit	10-Year Available Harvest Area (ha)	Age Class	Planned Harvest Area 10-year period (ha)
BFM	-	0-20	-
	-	21-40	-
	-	41-60	-
	101.5	61-80	-
	538.9	81-100	349.7
	284.1	101-120	102.5
	19.0	121-140	15.2
	8.7	141+	-
	952.1	Subtotal	467.3
CMX	-	0-20	-
	-	21-40	-
	-	41-60	-
	-	61-80	-
	509.2	81-100	898.2
	641.3	101-120	154.2
	36.2	121-140	77.0
	1.5	141+	11.9
	1,188.3	Subtotal	1,141.3
HMX	-	0-20	-
	-	21-40	-
	-	41-60	168.5
	144.1	61-80	2,217.5
	4,500.4	81-100	2,243.6
	438.4	101-120	203.0
	97.4	121-140	71.5
	-	141+	5.1
	5,180.3	Subtotal	4,909.2
HRD	-	0-20	-
	-	21-40	-
	-	41-60	240.8
	21.6	61-80	2,635.2
	5,743.2	81-100	2,711.2
	76.7	101-120	82.0
	-	121-140	-
	-	141+	-
	5,841.5	Subtotal	5,669.3
PJD	-	0-20	-
	-	21-40	-
	644.5	41-60	-
	-	61-80	279.7
	537.1	81-100	1,834.3
	928.5	101-120	23.5
	28.4	121-140	-
	-	141+	-
	2,138.5	Subtotal	2,137.5

MANAGEMENT UNIT NAME: Whiskey Jack Forest (MU 490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

FMP-12 PLANNED HARVEST AREA

Forest Unit	10-Year Available Harvest Area (ha)	Age Class	Planned Harvest Area 10-year period (ha)
PJM	-	0-20	-
	-	21-40	-
	-	41-60	-
	-	61-80	122.6
	61.3	81-100	599.6
	780.2	101-120	118.9
	-	121-140	-
	-	141+	-
841.5	Subtotal	841.1	
POD	-	0-20	-
	-	21-40	-
	-	41-60	-
	35.0	61-80	31.0
	308.9	81-100	358.5
	65.4	101-120	19.5
	-	121-140	-
	-	141+	-
409.3	Subtotal	408.9	
PRW	-	0-20	-
	-	21-40	-
	-	41-60	-
	-	61-80	-
	48.4	81-100	74.3
	52.0	101-120	46.0
	14.2	121-140	-
	10.0	141+	4.3
124.6	Subtotal	124.5	
SBD	-	0-20	-
	-	21-40	-
	-	41-60	-
	-	61-80	80.5
	337.3	81-100	660.2
	458.6	101-120	175.5
	158.4	121-140	-
	-	141+	-
954.2	Subtotal	916.1	
SBL	-	0-20	-
	-	21-40	-
	-	41-60	-
	-	61-80	-
	-	81-100	-
	86.4	101-120	-
	24.3	121-140	-
	389.3	141+	354.6
500.0	Subtotal	354.6	

MANAGEMENT UNIT NAME: Whiskey Jack Forest (MU 490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

FMP-12 PLANNED HARVEST AREA

Forest Unit	10-Year Available Harvest Area (ha)	Age Class	Planned Harvest Area 10-year period (ha)
SBM	-	0-20	-
	-	21-40	-
	-	41-60	-
	-	61-80	47.3
	176.8	81-100	311.3
	98.1	101-120	-
	108.2	121-140	24.3
	-	141+	-
	383.1	Subtotal	382.8
Stage of Management Subtotal		All clearcut forest units - no stages of management.	
Total All Forest Units	18,513.3		17,352.7

Data for 10-year available harvest area from results of SFMM LTMD-01.

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: Whiskey Jack Forest (MU 490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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

Total Planned Harvest Area from FMP-12: 17,353 ha.

Forest Unit	10-Year Available Harvest Volume (m ³)		10-Year Planned Harvest Volume (m ³)														Total
	Conifer	Hardwood	Conifer									Hardwood					
			Pw	Pr	Pj	Sb	Sw	Bf	Ce	La	Subtotal	Po	Bw	UH	LH	Subtotal	
Net Merchantable:																	
BFM	68,303	15,929	-	-	3,715	12,260	3,233	5,563	542	-	25,312	2,960	3,509	-	-	6,469	31,781
CMX	88,653	26,350	-	-	29,274	38,281	2,123	3,368	1,539	-	74,586	21,805	11,531	-	-	33,336	107,921
HMX	245,133	349,566	-	-	57,259	83,836	30,277	16,467	2,011	-	189,852	200,849	58,213	-	-	259,062	448,914
HRD	139,173	490,383	-	-	38,889	67,079	26,880	11,121	1,464	-	145,434	388,877	97,326	-	-	486,203	631,637
PJD	216,658	8,741	-	-	259,737	17,373	199	604	-	-	277,913	10,591	2,207	-	-	12,798	290,711
PJM	76,044	5,831	-	-	76,977	17,891	684	751	44	-	96,347	5,480	2,523	-	-	8,003	104,350
POD	4,306	30,248	-	-	2,277	3,546	772	638	-	-	7,234	38,532	2,109	-	-	40,641	47,875
PRW	26,923	2,432	5,981	9,107	300	1,159	-	217	-	-	16,764	3,444	1,514	-	-	4,959	21,723
SBD	89,318	7,380	-	-	11,100	63,069	1,423	1,837	485	-	77,914	1,999	6,173	-	-	8,172	86,086
SBL	32,223	990	-	-	223	15,679	-	3	3,809	-	19,714	-	230	-	-	230	19,944
SBM	40,021	4,486	-	-	12,588	13,451	1,436	543	150	-	28,167	933	1,923	-	-	2,856	31,023
Sub-total	1,026,755	942,336	5,981	9,107	492,339	333,624	67,027	41,112	10,046	0	959,236	675,471	187,258	0	0	862,728	1,821,964
Defect (Branches, Twigs, Leaves, Bark):																	
BFM	27,095	9,512	-	-	740	3,304	995	2,242	209	-	7,490	739	850	-	-	1,588	9,079
CMX	26,566	19,859	-	-	5,546	10,549	635	1,426	578	-	18,734	7,060	2,987	-	-	10,047	28,782
HMX	81,442	257,113	-	-	9,829	21,844	8,731	6,368	710	-	47,482	106,388	18,825	-	-	125,213	172,694
HRD	47,418	354,321	-	-	6,468	17,152	7,694	4,275	480	-	36,069	227,279	40,858	-	-	268,137	304,206
PJD	59,861	5,042	-	-	44,467	4,208	55	236	-	-	48,966	6,449	1,000	-	-	7,449	56,415
PJM	23,022	4,780	-	-	13,470	4,352	184	309	15	-	18,329	3,416	1,163	-	-	4,579	22,908
POD	1,487	23,143	-	-	408	890	212	257	-	-	1,768	24,435	986	-	-	25,421	27,189
PRW	8,097	1,711	1,748	1,767	76	282	-	100	-	-	3,973	2,245	678	-	-	2,924	6,897
SBD	32,001	3,559	-	-	2,173	17,675	454	768	190	-	21,260	374	856	-	-	1,230	22,490
SBL	13,166	-	-	-	119	4,513	-	2	2,171	-	6,805	-	105	-	-	105	6,909
SBM	12,659	3,172	-	-	2,398	3,521	453	219	53	-	6,644	-	106	-	-	106	6,751
Sub-total	332,813	682,213	1,748	1,767	85,694	88,291	19,413	16,202	4,405	0	217,521	378,384	68,416	0	0	446,800	664,321
Undersize:																	
BFM	12,725	2,513	-	-	589	2,053	478	833	45	-	3,997	214	177	-	-	391	4,388
CMX	16,342	5,222	-	-	3,476	6,616	301	485	141	-	11,019	1,384	575	-	-	1,959	12,977
HMX	49,400	74,462	-	-	8,612	14,708	4,623	2,334	247	-	30,524	30,483	4,682	-	-	35,165	65,689
HRD	27,757	103,884	-	-	5,794	10,322	3,949	1,516	174	-	21,755	61,068	9,104	-	-	70,172	91,926
PJD	30,006	790	-	-	15,011	1,076	12	35	-	-	16,133	727	90	-	-	817	16,950
PJM	10,866	932	-	-	4,840	1,247	38	45	3	-	6,173	438	118	-	-	556	6,729
POD	792	6,233	-	-	262	412	73	72	-	-	818	5,121	161	-	-	5,282	6,100
PRW	1,282	124	429	510	24	112	-	16	-	-	1,091	458	91	-	-	549	1,639
SBD	16,864	866	-	-	2,213	11,412	240	312	64	-	14,241	121	205	-	-	326	14,567
SBL	6,454	-	-	-	61	2,655	-	1	246	-	2,962	-	8	-	-	8	2,970
SBM	2,806	304	-	-	2,340	2,260	240	90	17	-	4,948	-	22	-	-	22	4,970
Sub-total	175,293	195,329	429	510	43,220	52,873	9,953	5,738	937	0	113,660	100,014	15,232	0	0	115,246	228,906
TOTAL	1,534,862	1,819,878	8,158	11,384	621,253	474,788	96,393	63,052	15,388	0	1,290,417	1,153,869	270,905	0	-	1,424,774	2,715,191

Data for 10-Year available harvest volume from SFMM LTMD-01 with MIST calculations for net merchantable, defect and undersized volumes. Volumes by forest unit. LTMD volume data matches Table FMP-9.

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: Whiskey Jack Forest (MU 490)
 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 17,353 ha.

Licensee or Grouping	Planned Harvest Area (ha)	Utilization	Volume Type	Product	Volume by Species (m3)														Total			
					Conifer								Hardwood									
					Pw	Pr	Pj	Sb	Sw	Bf	Ce	La	Subtotal	Po	Bw	UH	LH	Subtotal				
SFL	0		Net Merchantable	Fibre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
			Undersize & Defect	All	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
OFRL Group	17,353		Net Merchantable	Fibre	5,981	9,107	492,339	333,624	67,027	41,112	10,046	-	959,236	675,471	187,258	-	-	862,728	1,821,964			
			Undersize & Defect	All	2,177	2,277	128,914	141,164	29,366	21,940	5,342	-	331,181	478,398	83,647	-	-	562,046	893,227			
Total:	17,353		Total:		8,158	11,384	621,253	474,788	96,393	63,052	15,388	-	1,290,417	1,153,869	270,905	-	-	1,424,774	2,715,191			
			Utilized	Net Merchantable	Fibre	5,981	9,107	492,339	333,624	67,027	41,112	10,046	-	959,236	675,471	187,258	-	-	862,728	1,821,964		
				Undersize & Defect	All	2,177	2,277	128,914	141,164	29,366	21,940	5,342	-	331,181	478,398	83,647	-	-	562,046	893,227		
				Subtotal:		8,158	11,384	621,253	474,788	96,393	63,052	15,388	-	1,290,417	1,153,869	270,905	-	-	1,424,774	2,715,191		
			Unutilized	Net Merchantable	Fibre											-					-	-
				Undersize & Defect	All											-					-	-
				Subtotal:		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			Total:			Total:		8,158	11,384	621,253	474,788	96,393	63,052	15,388	-	1,290,417	1,153,869	270,905	-	-	1,424,774	2,715,191

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: Whiskey Jack Forest (MU 490)

PLAN PERIOD: April 1, 2024 to March 31, 2034

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

Total Planned Harvest Area from FMP-12: 17,353 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 Company Limited (Kenora)	Ministerial Conditional Commitment	100,000 PO	All	Composite	0	0	0	0	0	0	0	0	0	0	675,471	0	0	0	675,471	675,471
Lumber Assets Holdings LP (LAH) (Kenora)	Proposed Supply Agreement Transfer	TBD	All	Sawlog	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Open Market	Open Market		All	net. merch. Fibre	5,981	9,107	492,339	333,624	67,027	41,112	10,046	0	959,236	0	187,258	0	0	187,258	1,146,494	
Open Market	Open Market		All	Defect/ Undersize	2,177	2,277	128,914	141,164	29,366	21,940	5,342	0	331,181	478,398	83,647	0	0	562,046	893,227	
Total					8,158	11,384	621,253	474,788	96,393	63,052	15,388	0	1,290,417	1,153,869	270,905	0	0	1,424,774	2,715,191	

Notes:

NOTE 1: A significant portion of the Whiskey Jack Forest planned harvest volume and area from the 20122-202 FMP remains unavailable for harvest from within Grassy Narrow's self-described Traditional Land Use Area (TLUA). MNRF continues its commitment to work with Grassy Narrows First Nation in discussions pertaining to the management of the Whiskey Jack Forest; and as such; there is no harvesting planned within the TLUA in the 2024-2034 FMP. Therefore; the Planned Harvest Volume and Wood Utilization volume shown in this table is associated with Available Harvest Area outside of the TLUA.

NOTE 2: Regarding Weyerhaeuser Co. Ltd. Ministerial Conditional Commitment of 100;000 m3/yr of poplar: A significant portion of the Whiskey Jack Forest planned poplar volume remains unavailable from within Grassy Narrows First Nations (GNFN) self-described TLUA. While MNRF has shown 100;000 m3/yr as the commitment volume; there is less volume actually available for harvest outside of GNFN TLUA. All planned poplar from the area eligible for forest management activities is projected to be utilized in the Weyerhaeuser (Kenora) mill.

NOTE 3: Kenora Forest Products (KFP) mill in Kenora was sold to Lumber Assets Holdings LP (LAH) (Kenora) and dismantled. Harvest volumes associated with the previous KFP Business Agreement are proposed for a Supply Agreement Transfer to the new owners if a mill becomes operational. Associated volumes are included in "Open Market" volumes in the table.

MANAGEMENT UNIT NAME: Whiskey Jack Forest (MU 490)
 PLAN PERIOD: April 1, 2024 to March 31, 2034

FMP-16 CONTINGENCY HARVEST AREA AND VOLUME

Forest Unit	Age Class	Contingency Harvest Area (ha)	Contingency Harvest Volume (m ³)		
			Conifer	Hardwood	Total
BFM	0-20	-	-	-	-
	21-40	-	-	-	-
	41-60	-	-	-	-
	61-80	-	-	-	-
	81-100	13.4	747.5	253.5	1,001.0
	101-120	48.8	4,078.1	1,122.6	5,200.7
	121-140	-	-	-	-
	141+	-	-	-	-
	Subtotal	62.2	4,825.6	1,376.1	6,201.7
CMX	0-20	-	-	-	-
	21-40	-	-	-	-
	41-60	-	-	-	-
	61-80	-	-	-	-
	81-100	45.1	3,941.5	2,256.1	6,197.6
	101-120	164.5	6,526.6	3,131.7	9,658.3
	121-140	-	-	-	-
	141+	-	-	-	-
	Subtotal	209.6	10,468.1	5,387.8	15,855.9
HMX	0-20	-	-	-	-
	21-40	-	-	-	-
	41-60	-	-	-	-
	61-80	108.7	3,625.1	4,803.2	8,428.3
	81-100	336.3	10,950.0	15,423.2	26,373.2
	101-120	-	-	-	-
	121-140	-	-	-	-
	141+	-	-	-	-
	Subtotal	445.0	14,575.1	20,226.4	34,801.5
HRD	0-20	-	-	-	-
	21-40	-	-	-	-
	41-60	-	-	-	-
	61-80	252.9	3,594.3	12,537.4	16,131.7
	81-100	435.1	9,991.9	35,176.0	45,167.9
	101-120	-	-	-	-
	121-140	-	-	-	-
	141+	-	-	-	-
	Subtotal	688.0	13,586.2	47,713.4	61,299.6
PJD	0-20	-	-	-	-
	21-40	-	-	-	-
	41-60	-	-	-	-
	61-80	-	-	-	-
	81-100	185.2	23,283.3	503.3	503.3
	101-120	126.8	12,945.7	452.8	13,398.5
	121-140	-	-	-	-
	141+	-	-	-	-
	Subtotal	312.0	36,229.0	956.1	37,185.1
PJM	0-20	-	-	-	-
	21-40	-	-	-	-
	41-60	-	-	-	-
	61-80	-	-	-	-
	81-100	108.6	12,109.2	867.0	12,976.1
	101-120	18.3	1,820.9	-	1,820.9
	121-140	-	-	-	-
	141+	-	-	-	-
	Subtotal	126.9	13,930.1	867.0	14,797.1

MANAGEMENT UNIT NAME: Whiskey Jack Forest (MU 490)
 PLAN PERIOD: April 1, 2024 to March 31, 2034

FMP-16 CONTINGENCY HARVEST AREA AND VOLUME

Forest Unit	Age Class	Contingency Harvest Area (ha)	Contingency Harvest Volume (m ³)		
			Conifer	Hardwood	Total
POD	0-20	-	-	-	-
	21-40	-	-	-	-
	41-60	-	-	-	-
	61-80	39.7	321.9	3,338.7	3,660.6
	81-100	87.0	1,224.3	13,005.8	14,230.0
	101-120	-	-	-	-
	121-140	-	-	-	-
	141+	-	-	-	-
	Subtotal	126.7	1,546.2	16,344.5	17,890.7
PRW	0-20	-	-	-	-
	21-40	-	-	-	-
	41-60	-	-	-	-
	61-80	-	-	-	-
	81-100	-	-	-	-
	101-120	-	-	-	-
	121-140	-	-	-	-
	141+	-	-	-	-
	Subtotal	-	-	-	-
SBD	0-20	-	-	-	-
	21-40	-	-	-	-
	41-60	-	-	-	-
	61-80	-	-	-	-
	81-100	171.9	11,440.0	1,791.9	13,231.9
	101-120	30.6	2,903.1	488.4	3,391.5
	121-140	-	-	-	-
	141+	-	-	-	-
	Subtotal	202.5	14,343.1	2,280.3	16,623.4
SBL	0-20	-	-	-	-
	21-40	-	-	-	-
	41-60	-	-	-	-
	61-80	-	-	-	-
	81-100	-	-	-	-
	101-120	-	-	-	-
	121-140	-	-	-	-
	141+	93.8	5,545.4	244.8	5,790.2
	Subtotal	93.8	5,545.4	244.8	5,790.2
SBM	0-20	-	-	-	-
	21-40	-	-	-	-
	41-60	-	-	-	-
	61-80	-	-	-	-
	81-100	47.7	4,513.0	446.2	4,959.2
	101-120	25.8	1,639.9	-	1,639.9
	121-140	-	-	-	-
	141+	-	-	-	-
	Subtotal	73.5	6,152.9	446.2	6,599.1
Total All Forest Units		2,340.3	121,201.7	95,842.6	217,044.3

15.2 months of contingency harvest area.

MANAGEMENT UNIT NAME: Whiskey Jack Forest (MU 490)
 PLAN PERIOD: April 1, 2024 to March 31, 2034

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	10,585	
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	10,585	-
Artificial Regeneration		
Planting	3,468	
Seeding	3,299	
Subtotal Artificial	6,767	-
Total Regeneration	17,353	-
Artificial Regeneration - Retreatment		
Planting	-	
Seeding	-	
Total Retreatment	-	-
Artificial Regeneration - Supplemental		
Planting	-	
Seeding	-	
Total Supplemental	-	-
Site Preparation		
Mechanical	6,767	
Chemical		
Aerial		
Ground		
Prescribed Burn		
High Complexity		
Slash Pile Burn	17,353	
Total Site Preparation	24,120	-
Tending		
Cleaning		
Manual	-	
Chemical		
Aerial	-	
Ground	54	
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	54	-

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									
Aerobus (SMZ-B)	MNRF	18.3		RUS-4	RUS-4	-	-	-	-
Aerobus (SMZ-A)	MNRF	6.4		RUS-8	RUS-8	-	-	-	-
April/Puzzle	MNRF	33		RUS-4	RUS-4	-	-	-	-
April South Road	MNRF	4.6		RUS-4	RUS-4	-	-	-	-
Betula Road	MNRF	0	10.2	RUS-6	RUS-6	-	-	-	-
Conifer	MNRF	63.4		RUS-8	RUS-8	-	-	-	-
Deer Lake (SMZ-B)	MNRF	8.7		RUS-4	RUS-4	-	-	-	-
Deer Lake (SMZ-A)	MNRF	56.9		RUS-8	RUS-8	-	-	-	-
Drewry Lake Road	MNRF	0	9.9	RUS-4	RUS-4	-	-	-	-
Emerson Lake Road	MNRF	0	7	RUS-4	RUS-4	-	-	-	-
Lobstick	MNRF	12.3		RUS-4	RUS-4	-	-	-	-
Longlegged	MNRF	64		RUS-8	RUS-8	-	-	-	-
Loon Lake Road	MNRF	16.8		RUS-4	RUS-4	-	-	-	-
Lost Lake Road	MNRF	7.4	10.2	RUS-4	RUS-4	-	-	-	-
Lount	MNRF	18.5		RUS-8	RUS-8	-	-	-	-
Maybrun	MNRF	14.6		RUS-4	RUS-4	-	-	-	-
Nanaandawe Kaana Road	MNRF	5.3	6.2	RUS-4	RUS-4	-	-	-	-
Ord Lake Road	MNRF	17.7		RUS-6	RUS-6	-	-	-	-
Portal Road	MNRF	47.6		RUS-8	RUS-8	-	-	-	-
Seqise	MNRF	30		RUS-8	RUS-8	-	-	-	-
South Pakwash	MNRF	82.9		RUS-8	RUS-8	-	-	-	-
Yellow Girl	MNRF	5.8		RUS-4	RUS-4	-	-	-	-
Warclub Road	MNRF	0	14.6	RUS-6	RUS-6	-	-	-	-
Windfall (SMZ-B)	MNRF	9		RUS-4	RUS-4	-	-	-	-
Windfall (SMZ-A)	MNRF	43.7		RUS-8	RUS-8	-	-	-	-
Witch Bay	MNRF	5		RUS-4	RUS-4	-	-	-	-
Subtotal		571.9	58.1						
B. Branch									
April North Road	MNRF	9.7		RUS-4	RUS-4	-	-	-	-
Blindfold Road	MNRF	4.1		RUS-4	RUS-4	-	-	-	-
Camp Robinson Road	MNRF	9.7		RUS-6	RUS-6	-	-	-	-
Evening Road (SMZ-B)	MNRF	18.6		RUS-4	RUS-4	-	-	-	-
Evening Road (SMZ-A)	MNRF	18.6		RUS-8	RUS-8	-	-	-	-
Farewell Bay Road	MNRF	12.8		RUS-4	RUS-4	-	-	-	-
Farewell Bay Road Br. 1	MNRF	3.3		RUS-4	RUS-4	-	-	-	-
Gerrard Lake Road	MNRF	4.1		RUS-4	RUS-4	-	-	-	-
Jack Lake Road	MNRF	5.2		RUS-4	RUS-4	-	-	-	-
Keynote Road	MNRF	6.8		RUS-6	RUS-6	-	-	-	-
Mac Lake Road	MNRF	9.7		RUS-3	RUS-3	MTO-gate	-	-	-
North Fleet Road (SMZ-B)	MNRF	2.4		RUS-4	RUS-4	-	-	-	-
North Fleet Road (SMZ-A)	MNRF	0.8		RUS-8	RUS-8	-	-	-	-
Little Smoke Road	MNRF		6	RUS-4	RUS-4	-	-	-	-
Ord Lake Road Extension	MNRF		6.6	RUS-4	RUS-4	-	-	-	-
Red Bluff Br. Road (SMZ-B)	MNRF	2.9		RUS-4	RUS-4	-	-	-	-
Red Bluff Br. Road (SMZ-A)	MNRF	3.4		RUS-8	RUS-8	-	-	-	-
Red Bluff Road (SMZ-B)	MNRF	2.4		RUS-4	RUS-4	-	-	-	-
Red Bluff Road (SMZ-A)	MNRF	2.3		RUS-8	RUS-8	-	-	-	-
Scouter Road	MNRF	4.1		RUS-6	RUS-6	-	-	-	-
St. Claire Road	MNRF		5.5	RUS-4	RUS-4	-	-	-	-
Stewart Road	MNRF	14.1		RUS-8	RUS-8	-	-	-	-
Thadeus Road	MNRF	8.4		RUS-4	RUS-4	-	-	-	-
Subtotal		143.4	18.1						
Total Construction			76.2						

FMP-18 ROAD CONSTRUCTION AND USE MANAGEMENT

Road or Road Network Identifier	Responsibility	Plan Start Length (km)	Planned Construction 10 Year	Use Management					
				Maintenance	Monitoring	Access Control		Future Use Management	
						Type	Year	Transfer Year	Management Intent
C. Operational									
C. Operational - Existing Operational Road Networks (Access Restricted)									
04.344 Road	MNRF	1.2		RUS-4	RUS-4	-	-	-	-
04.346 Road	MNRF	1.1		RUS-4	RUS-4	-	-	-	-
04.485 Road	MNRF	1.2		RUS-4	RUS-4	-	-	-	-
04.508 Road	MNRF	0.3		RUS-4	RUS-4	-	-	-	-
04.515 Road	MNRF	1.7		RUS-4	RUS-4	-	-	-	-
04.670 Road	MNRF	2.4		RUS-4	RUS-4	-	-	-	-
Berry Lake Road	MNRF	2.1		RUS-4	RUS-4	-	-	-	-
Camping Lake Road	MNRF	6.5		RUS-4	RUS-4	-	-	-	-
Cedar Point Road	MNRF	7.7		RUS-4	RUS-4	-	-	-	-
Dirtywater Road	MNRF	1.5		RUS-4	RUS-4	-	-	-	-
Ethelma Lake Road	MNRF	3.3		RUS-4	RUS-4	-	-	-	-
Hawk Lake Road	MNRF	5.4		RUS-4	RUS-4	-	-	-	-
High Lake Road	MNRF	2.1		RUS-4	RUS-4	-	-	-	-
Highwind Lake Road	MNRF	18.1		RUS-4	RUS-4	-	-	-	-
Keynote Road	MNRF	0.5		RUS-6	RUS-6	-	-	-	-
Lobstick Bay Road	MNRF	1.3		RUS-4	RUS-4	-	-	-	-
Ord Lake Road	MNRF	1.9		RUS-6	RUS-6	-	-	-	-
Silver Lake Lodge Road	MNRF	1.1		RUS-4	RUS-4	-	-	-	-
Smart Road	MNRF	3.1		RUS-4	RUS-4	-	-	-	-
South Fleet Road	MNRF	4.6		RUS-4	RUS-4	-	-	-	-
White Wing Road	MNRF	0.8		RUS-4	RUS-4	-	-	-	-
Witch Bay Camp Road	MNRF	5.4		RUS-4	RUS-4	-	-	-	-
C. Operational -new ORBs Access Restricted									
ORB018, ORB019, ORB029	MNRF			RUS-3	RUS-3	MTO-gate	existing, maintain	-	-
C. Operational -new ORBs (No Access Restriction)									
ORB001, ORB002, ORB003, ORB004, ORB005, ORB006, ORB007, ORB008, ORB009, ORB010, ORB011, ORB012, ORB013, ORB014, ORB015, ORB016, ORB017, ORB021, ORB022, ORB023, ORB024, ORB025, ORB027, ORB028, ORB031, ORB033, ORB034, ORB035, ORB037, ORB039, ORB040, ORB042, ORB043, ORB044, ORB045, ORB046, ORB049, ORB050, ORB059, ORB063, ORB065, ORB066, ORB067, ORB069, ORB071, ORB072, ORB075, ORB078, ORB079, ORB083, ORB084, ORB086, ORB087, ORB088, ORB089, ORB090, ORB091, ORB092, ORB093, ORB094, ORB096	MNRF			RUS-4	RUS-4	-	-	-	-
C. Operational -new ORBs in MEA - Access Restricted									
ORB030	MNRF			RUS-5	RUS-5	PLA sign.	existing, maintain	-	-
C. Operational -new ORBs in MEA - No Access Restriction									
ORB036, ORB038, ORB041, ORB051, ORB052, ORB053, ORB054, ORB055, ORB056, ORB057, ORB058, ORB060, ORB061, ORB062, ORB064	MNRF			RUS-6	RUS-6	-	-	-	-
C. Operational - new ORBs in CAR-2 (Decommission)									
ORB032, ORB074, ORB076, ORB077, ORB080, ORB081, ORB082, ORB095	MNRF			RUS-7	RUS-7			2037	
Subtotal		73.1							

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									
Bay Point Road	OTH	0.4							
Blindfold Lake Road	OTH	1.8							
Boulton Road	OTH	0.3							
Branch 10	OTH	0.2							
Branch 11	OTH	0.9							
Branch 8	OTH	0.5							
Branch 9	OTH	0.1							
English River Road	OTH	1.1							
Goose Bay Road	OTH	0.8							
Gustafson Road	OTH	0.5							
Holdens Road	OTH	1.1							
Jim and Julie's Road	OTH	6.3							
Longbow Lake Road	OTH	4.3							
Parkland Road	OTH	0.5							
Primmers Road	OTH	0.3							
Railbed Road	OTH	52.1							
Smith Road	OTH	0.2							
Storm Bay Road	OTH	8.5							
Wabauskang Road	OTH	5.8							
White Moose Road	OTH	2.2							
Willard Lake Road	OTH	2.9							
Subtotal		90.8							
Total All Roads		879.2							

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 MNRF
RUS-2	Road to be Decommissioned after use for forest management purposes
RUS-3	Access Restriction, MNRF retains maintenance responsibility
RUS-4	Roads open to the public, MNRF retains maintenance responsibility
RUS-5	Moose Emphasis Area - Access Restriction, MNRF retains maintenance responsibility
RUS-6	Moose Emphasis Area - No Access Restriction, MNRF retains maintenance responsibility
RUS-7	Caribou - Roads decommissioned within 2 years post renewal and tending
RUS-8	Roads within the SMZA and CAR1 - Limited maintenance

MANAGEMENT UNIT NAME: Whiskey Jack Forest (MU 490)
 PLAN PERIOD: April 1, 2024 to March 31, 2034

FMP-19 PLANNED EXPENDITURES

Expenditures		
Activity	Forest Renewal Trust Fund (000s \$)	Forestry Futures Trust Fund * (000s \$)
Natural Regeneration	\$ 900	\$ -
Tree Marking	\$ -	\$ -
Artificial Regeneration	\$ 2,089	\$ -
Site Preparation	\$ 2,329	\$ -
Tending	\$ 22	\$ -
Renewal Support	\$ 530	\$ -
Silvicultural Surveys	\$ 89	\$ -
Other Eligible Silvicultural Work	\$ -	\$ -
Protection (Insect Pest Control) *		\$ -
Total Expenditures	\$ 5,958	\$ -

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

MANAGEMENT UNIT NAME: Whiskey Jack Forest (MU490)
 PLAN PERIOD: April 1, 2024 to March 31, 2034

FMP-20 PLANNED ASSESSMENT OF ESTABLISHMENT

FMP PERIOD: 2024-2034				
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	467	187
	Salvage Harvest:			
Forest Unit Subtotal:				187
CMX	Harvest:	CMX-LOW	1,143	457
	Salvage Harvest:			
Forest Unit Subtotal:				457
HMX	Harvest:	POD-MED	4,816	1,926
	Salvage Harvest:			
Forest Unit Subtotal:				1,926
HRD	Harvest:	POD-HIGH	5,709	2,283
	Salvage Harvest:			
Forest Unit Subtotal:				2,283
PJD	Harvest:	PJD-LOW	2,002	801
	Salvage Harvest:			
Forest Unit Subtotal:				801
PJM	Harvest:	PJD-LOW	841	336
	Salvage Harvest:			
Forest Unit Subtotal:				336
POD	Harvest:	POD-HIGH	407	163
	Salvage Harvest:			
Forest Unit Subtotal:				163
PRW	Harvest:	PRW-LOW	117	47
	Salvage Harvest:			
Forest Unit Subtotal:				47
SBD	Harvest:	PJM-LOW	944	378
		SBD-MED		
Forest Unit Subtotal:				378
SBL	Harvest:	SBL-LOW	366	146
	Salvage Harvest:			
Forest Unit Subtotal:				146
SBM	Harvest:	SBM-MED	383	153
		PJD-MED		
Forest Unit Subtotal:				153
TOTAL for FMP PERIOD:				6,878

MANAGEMENT UNIT NAME: Whiskey Jack Forest (MU490)
 PLAN PERIOD: April 1, 2024 to March 31, 2034

FMP-20 PLANNED ASSESSMENT OF ESTABLISHMENT

FMP PERIOD: 2012-2024 (in which harvest occurred)				
Forest Unit (at harvest)	Depletion Type	Silvicultural Ground Rule (2024 FMP SGR)	Assigned to SGR (ha) (all years)	Planned Assessment of Establishment (ha)
BFM	Harvest:	HMX-MED	30	30
		SBD-MED	78	78
		SBM-MED	42	42
	Salvage Harvest:			-
Forest Unit Subtotal:				150
CMX	Harvest:	CMX-LOW	143	143
		CMX-MED	404	404
		HMX-MED	81	81
		PJM-MED	118	118
		SBD-MED	44	44
		SBM-MED	223	223
	Salvage Harvest:	CMX-MED	44	44
Forest Unit Subtotal:				1,057
HMX	Harvest:	CMX-MED	93	93
		HMX-MED	1,102	1,102
		POD-HIGH	742	742
	Salvage Harvest:	HMX-MED	50	50
Forest Unit Subtotal:				1,987
PJD	Harvest:	PJD-MED	575	575
	Salvage Harvest:	PJD-MED	482	482
Forest Unit Subtotal:				1,057
PJM	Harvest:	PJD-MED	132	132
		PJM-MED	72	72
	Salvage Harvest:	PJM-MED	44	44
Forest Unit Subtotal:				248
POD	Harvest:	POD-HIGH	1,591	1,591
	Salvage Harvest:	POD-HIGH	56	56
Forest Unit Subtotal:				1,647
SBL	Harvest:	SBL-LOW	21.0	21.0
	Salvage Harvest:			-
Forest Unit Subtotal:				21.0
SPD	Harvest:	PJM-MED	13	13
		SBD-MED	461	461
		SBM-HIGH	53	53
	Salvage Harvest:	SBD-MED	49	49
Forest Unit Subtotal:				576
SPM	Harvest:	PJM-MED	36	36
		SBD-MED	2	2
		SBM-MED	46	46
	Salvage Harvest:	SBM-MED	8	8
Forest Unit Subtotal:				92
TOTAL for FMP PERIOD:			6,835	6,835