

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

**Table of Contents**

<b>Indigenous Values Areas of Concern .....</b>	<b>1</b>
IV – CMT: Culturally modified trees (confidential value) .....	1
IV – CSF: Constructed stone features (confidential value) .....	2
IV – ICCA: Indigenous camp and campsite area (confidential value) .....	3
IV – ICHL: Indigenous cultural heritage landscapes (confidential value) .....	4
IV – IIHA: Important Indigenous harvesting area (confidential value) .....	5
IV – NSF: Natural stone features (confidential value) .....	6
IV – PMGS: Plant material gathering sites (confidential value) .....	7
<b>Cultural Heritage Areas of Concern .....</b>	<b>8</b>
APA: Archaeological Potential Area .....	8
CM: Cemeteries and Burial Sites (confidential value) .....	9
CVR: Registered Archaeological Site (confidential value) .....	10
CHL, CHF: Cultural Heritage Landscapes and Features (confidential value) .....	12
<b>Land-use and Recreational Areas of Concern .....</b>	<b>15</b>
AHA: Algonquin Highlands Designated Access Points .....	15
AHC: Algonquin Highlands Designated Campsites .....	16
AHT: Algonquin Highlands Designated Trails .....	18
CRL: Category 1 Recreation Lakes within Leslie M. Frost Natural Resource Centre .....	20
REC: Crown Land Camps (Recreational Camps, Club Houses, Work Camps and Trapper’s Cabins) .....	21
LUP: Land use Permits, Leases and Licences of Occupation .....	22
PP: Provincial parks .....	23
SUA: Nunikani and Sherborne Lakes Skyline Use Area and Viewscape of Jack’s Lake and Kamaniskeg Lake .....	24
XTR: Kawartha Nordic cross country ski trails .....	25

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

<b>Research Plots and Environmental Monitoring Stations .....</b>	<b>26</b>
OFBN: Ontario Forest Biomonitoring Network .....	26
MSIM: Multi-species inventory and monitoring plots .....	27
GYR, GYM: Provincial forest growth and yield research plots .....	29
SNOW: Snow Monitoring Stations .....	30
<b>Biological Areas of Concern .....</b>	<b>31</b>
AGL: Large patch of American ginseng (confidential value).....	31
AGS: Small patch of American ginseng (confidential value).....	33
AKBO/SONS: American kestrel, boreal owl, eastern screech-owl, or northern saw-whet cavity nests .....	34
BEP/BEA/BEI: Bald eagle nests and nesting habitat (confidential value).....	36
BBD: Black bear dens.....	39
BH: Bat Hibernacula (confidential value) .....	40
BLT: Blanding’s turtle habitat (confidential value) .....	42
BLTn: Blanding’s turtle nesting sites (confidential value) .....	46
BOC: Barred owl cavity nests.....	47
BOS: Barred owl stick nests .....	48
BP: Beaver ponds and meadows .....	49
BS: Bank swallow colonies.....	50
BWH/COH/GHS/LEOW/RTH/UNK: Broad-winged hawk, Cooper’s hawk, great horned owl, long-eared owl, red-tailed hawk or unknown stick nests ....	52
CEWA: Cerulean warbler habitat.....	54
CHSW: Chimney swift nesting and roosting sites.....	55
CONI: Common Nighthawk nesting territories.....	57
CORA: Common raven .....	58
EHM: Snake Oviposition or Gestation Sites (confidential values).....	59
FJ: Flooded jellyskin habitat .....	60

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

FLSK: Five lined skink (confidential value) .....	62
GBH/GBHI: Great blue heron colonies .....	63
GGP/GGA/GGI: Great gray owl nests and nesting habitat .....	65
GHC: Great horned owl cavity nest .....	68
HIBS: Snake hibernacula (confidential value).....	69
HTUR: Turtle hibernacula used by northern map turtle, eastern musk turtle, eastern spiny softshell or snapping turtles (confidential value) .....	70
KIWA: Kirtland’s warbler habitat .....	71
LOWA: Louisiana waterthrush habitat .....	72
MLSS: Merlin or sharp-shinned hawk stick nests .....	73
MIL: Mineral licks.....	74
NFW: Non-forested wetlands occupied by species at risk .....	75
NGP/NGA/NGI: Northern goshawk nests and nesting habitat.....	76
NH: Northern harrier ground nests .....	79
NHO: Northern hawk owl cavity nests .....	80
NTUR: Turtle nesting sites (confidential value).....	81
OSP/OSA/OSI: Osprey stick nests .....	82
PBFL: Pale-bellied Frost Lichen (confidential value).....	85
PEFA: Peregrine Falcon nesting site (confidential value) .....	86
RHWO: Red-headed woodpecker habitat .....	88
RSP/RSA/RSI: Red-shouldered hawk nests and nesting habitat.....	89
FSARB: Forest Nesting Special Concern Birds.....	92
SEO: Short-eared owl ground nests.....	93
SPCC: Plant communities of provincial conservation concern .....	94
ST: Spotted turtle habitats (confidential value) .....	95

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

TV: Turkey vulture ground nests .....	98
WD: Wolf dens (confidential value) .....	99
WHIP: Whip-poor-will nesting territories.....	101
WRV: Wolf rendezvous sites (confidential value) .....	102
WsarB: Wetland breeding habitat used by Species at Risk Birds (Black terns, golden-winged warblers, least bitterns, or yellow rails) .....	104
WT: Wood turtle habitat (confidential value) .....	105
WVW: West Virginia White habitat.....	108
<b>Water Areas of Concern .....</b>	<b>109</b>
HPW: Water Features with High Potential Sensitivity .....	109
MPW: Water Features with Moderate Potential Sensitivity.....	111
LPW: Water Features with Low Potential Sensitivity .....	113
BTSP, BTNU: Brook Trout Spawning and Nursery Habitats .....	114
GWR: Groundwater recharge areas associated with brook trout spawning sites .....	115
PSW: Provincially significant wetlands .....	116
RTL: Remote trout lakes .....	118

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

**Indigenous Values Areas of Concern**

IV – CMT: Culturally modified trees (confidential value)

<b>IV-CMT</b>	<b>Group AOC</b>	<b>Description of Value</b>		
	No	<b>Indigenous Values – Culturally Modified Trees</b> (e.g. historical modification due to usage as trail markers, historic evidence indicating canoe making (on Birch and Cedar), sugar bush tapping)		
	<b>A. Operational Prescriptions for Areas of Concern</b>			
	<b>Operational Prescription</b>		<b>Source</b>	<b>Exception</b>
	AOC consists of a Modified Management Zone (MMZ). Total AOC width: 20 m (measured from the perimeter of the value)  <b>Reserve: 0 m</b> <b>Modified: 20 m</b>  <b>Conditions on Harvest, Renewal and Tending</b>  <b>Modified Management Zone (MMZ):</b> <ul style="list-style-type: none"> <li>• Retain the Culturally Modified Tree(s).</li> <li>• Regular harvest, renewal and/or tending are permitted.</li> <li>• No skidding and avoid felling of trees towards the value.</li> </ul> <b>Additional Information:</b> <ul style="list-style-type: none"> <li>• These values may occur singularly or in clusters.</li> <li>• Indigenous community will provide the SFL with a contact person to help with identification and discuss forestry-related issues.</li> <li>• Notification to MNRF will include new values, approval documentation and any agreements between the Indigenous community and SFL.</li> <li>• MNRF will ensure value(s) are captured in official datasets (i.e. LIO).</li> </ul>		Indigenous community discussions	No
	<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
	See part C below.		No	No
	<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
	<ul style="list-style-type: none"> <li>• No new roads or landings within AOC.</li> <li>• Existing road reconstruction must receive documented approval by Indigenous communities before work commences.</li> <li>• Use of and maintenance on existing roads is permitted.</li> </ul>		No	No
	<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Exception</b>
<ul style="list-style-type: none"> <li>• No aggregate extraction within the AOC without documented approval by the Indigenous community.</li> </ul>			No	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

IV – CSF: Constructed stone features (confidential value)

IV-CSF	Group AOC	Description of Value		
	No	Indigenous Values – Constructed Stone Features (Indigenous-made formations and arrangements of stone)		
<b>A. Operational Prescriptions for Areas of Concern</b>				
<b>Operational Prescription</b>				
AOC consists of a Reserve and a Modified Management Zone (MMZ). Total AOC Width: 50 m (measured from the perimeter of the value)				
<b>Reserve: 30 m</b>				
<b>Modified: 20 m</b>				
<b>Conditions on Harvest, Renewal and Tending</b>				
<b>Reserve:</b> No harvest, renewal or tending operations.				
<b>Modified Management Zone (MMZ):</b>				
<ul style="list-style-type: none"> <li>Regular harvest, renewal and/or tending are permitted</li> <li>No skidding and avoid felling of trees towards the value</li> </ul>				
<b>Additional Information:</b>				
<ul style="list-style-type: none"> <li>These values may occur singularly or in clusters.</li> <li>Cultural Heritage value identification may be applied before or during operations</li> <li>Indigenous community will provide the SFL with a contact person to help with identification and discuss forestry-related issues.</li> <li>Notification to MNRF will include new values, approval documentation and any agreements between the Indigenous community and SFL.</li> <li>MNRF will ensure value(s) are captured in official datasets (i.e. LIO).</li> </ul>				
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
See part C below.				
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
<ul style="list-style-type: none"> <li>No new roads or landings within reserve.</li> <li>Existing road reconstruction must receive documented approval by Indigenous communities before work commences.</li> <li>Use of and maintenance on existing roads is permitted.</li> </ul>				
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>				
<ul style="list-style-type: none"> <li>No aggregate extraction within the AOC without documented approval by the Indigenous community.</li> </ul>				
		<b>Source</b>	<b>Exception</b>	
		Indigenous community discussion	No	
		<b>Public Comment</b>	<b>Exception</b>	
		No	No	
		<b>Public Comment</b>	<b>Exception</b>	
		No	No	
				<b>Exception</b>
				No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

IV – ICCA: Indigenous camp and campsite area (confidential value)

IV-ICCA	Group AOC	Description of Value		
	Yes	Indigenous Values – Indigenous Camp and Campsite Area (cultural gathering sites, historical or modern traditional hunting, fishing and gathering camps and campsites; does not include modern temporary/seasonal camps, cabins, or campsites erected on forest roads or landings or in aggregate pits)		
<b>A. Operational Prescriptions for Areas of Concern</b>				
<b>Operational Prescription</b>				
AOC consists of a Reserve and Modified Management Zone (MMZ). Total AOC width: 100 m (measured from outside perimeter of the value)				
<b>Reserve: 30 m</b> <b>Modified: 70 m</b>				
<b>Conditions on Harvest, Renewal and Tending</b>				
<b>Reserve:</b> No harvest, renewal or tending operations.				
<b>Modified Management Zone (MMZ):</b>				
<ul style="list-style-type: none"> <li>harvest, renewal or maintenance operations can occur based on consultation with affected Indigenous community.</li> <li>The degree of harvest, renewal or maintenance operations within the modified area will range from none to normal operations, depending on the above-mentioned consultation.</li> </ul>				
<b>Additional Information:</b>				
<ul style="list-style-type: none"> <li>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(s) on site.</li> <li>Protection for Indigenous trap cabins will be developed by each trapper and SFL - SFL required to contact owner before operations commence.</li> <li>Indigenous community will provide the SFL with contact person to help with identification and to discuss forestry-related issues.</li> <li>Boundaries will be established by affected Indigenous community prior to commencing operations.</li> <li>Notification to MNRF will include new values, approval documentation and any agreements between the Indigenous community and SFL.</li> <li>MNRF will ensure value(s) are captured in official datasets (i.e. LIO).</li> </ul>				
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
See part C below.				
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
<ul style="list-style-type: none"> <li>No new roads or landings within the AOC without documented approval by the affected Indigenous community.</li> <li>Existing road reconstruction must receive documented approval by Indigenous communities before work commences.</li> <li>Use of and maintenance on existing roads is permitted.</li> </ul>				
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>				
<ul style="list-style-type: none"> <li>No aggregate extraction within the AOC without documented approval by the Indigenous community.</li> </ul>				
			<b>Source</b>	<b>Exception</b>
			Indigenous community discussions	No
			<b>Public Comment</b>	<b>Exception</b>
			No	No
			<b>Public Comment</b>	<b>Exception</b>
			No	No
				<b>Exception</b>
				No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

IV – ICHL: Indigenous cultural heritage landscapes (confidential value)

IV-ICHL	Group AOC	Description of Value		
	Yes	Indigenous Values – Indigenous Cultural Heritage Landscapes (historic or in current use including sacred and ceremonial sites, pictographs, petroglyphs, significant landscape topography, areas of archaeological potential, known archaeological site (unregistered)).		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		<p>AOC consists of a Reserve and Modified Management Zone (MMZ). Total AOC Width: up to 170 m (measured from the perimeter of the value)</p> <p><b>Reserve: 30 m</b> <b>Modified: up to 170 m</b></p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><b>Reserve:</b> No harvest, renewal or tending operations.</p> <p><b>Modified Management Zone (MMZ):</b></p> <ul style="list-style-type: none"> <li>The extent of protection and operating conditions will be determined through agreement between the BMFC and the Indigenous community</li> </ul> <p><b>Additional Information:</b></p> <ul style="list-style-type: none"> <li>These values will be identified through Indigenous values collections studies and other sources of information</li> <li>Indigenous community will provide BMFC with the contact person to help with identification and discuss forestry-related issues.</li> <li>Notification to MNRF will include new values, approval documentation and any agreements between the Indigenous community and SFL.</li> <li>MNRF will ensure value(s) are captured in official datasets (i.e. LIO).</li> </ul>	Indigenous community discussions	No
		B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
		See part C below.	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"> <li>No new roads or landings within the AOC without documented approval by the local Indigenous community.</li> <li>Existing road reconstruction must receive documented approval by Indigenous communities before work commences.</li> <li>Use of and maintenance on existing roads is permitted.</li> </ul>	No	No
		D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use		Exception
		<ul style="list-style-type: none"> <li>No aggregate extraction within the AOC without documented approval by the Indigenous community.</li> </ul>		No



MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

IV – IIHA: Important Indigenous harvesting area (confidential value)

IV-IIHA	Group AOC	Description of Value			
	Yes	Indigenous Value – Important Indigenous Harvesting Area (important wildlife habitat features, important areas for harvesting)			
<b>A. Operational Prescriptions for Areas of Concern</b>					
<b>Operational Prescription</b>				<b>Source</b>	<b>Exception</b>
<p>AOC consists of a Modified Management Zone (MMZ). Total AOC Width: as delineated by the Indigenous community (value will be depicted as a polygon)</p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><b>Modified Management Zone (MMZ):</b></p> <ul style="list-style-type: none"> <li>Harvest, renewal and tending may occur, based on consultation with affected Indigenous community.</li> <li>Modified management zone may be based on when harvest can occur i.e. timing consideration</li> </ul> <p><u>Additional Information:</u></p> <ul style="list-style-type: none"> <li>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 BMFC and MNRF to ensure protection.</li> <li>Some values are sensitive and highly confidential; these will be communicated directly to BMFC during reviews of planned operations</li> <li>Indigenous community will provide BMFC with the appropriate contact person to discuss forestry-related issues.</li> <li>Notification to MNRF will include new values, approval documentation and any agreements between the Indigenous community and SFL.</li> <li>MNRF will ensure value(s) are captured in official datasets (i.e. LIO).</li> </ul>				Indigenous community discussions	No
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				<b>Public Comment</b>	<b>Exception</b>
See part C below.				No	No
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				<b>Public Comment</b>	<b>Exception</b>
<ul style="list-style-type: none"> <li>No new roads or landings within AOC without documented approval by the local Indigenous community.</li> <li>Existing road reconstruction must receive documented approval by Indigenous communities before work commences.</li> <li>Use of and maintenance on existing roads is permitted.</li> </ul>				No	No
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>					<b>Exception</b>
<ul style="list-style-type: none"> <li>No aggregate extraction within the AOC without documented approval by the Indigenous community.</li> </ul>					No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

IV – NSF: Natural stone features (confidential value)

IV-NSF	Group AOC	Description of Value			
	No	Indigenous Values – Natural Stone Features (significant glacial erratics or groups of erratics, unique natural arrangement of large stone, rock faces and outcrops)			
<b>A. Operational Prescriptions for Areas of Concern</b>					
<b>Operational Prescription</b>				<b>Source</b>	<b>Exception</b>
<p>AOC consists of a Modified Management Zone. Total AOC width: 30 m (measured from the perimeter of the value)</p> <p><b>Reserve: 0 m</b> <b>Modified: 30 m</b></p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><b>Modified Management Zone (MMZ):</b></p> <ul style="list-style-type: none"> <li>harvest, renewal or maintenance operations can occur based on consultation affected Indigenous community.</li> <li>The degree of harvest, renewal or maintenance operations within the modified area will range from none to normal operations, depending on the above-mentioned consultation.</li> </ul> <p><b>Additional Information:</b></p> <ul style="list-style-type: none"> <li>There may be potential for additional archaeological resources to be associated with natural stone features.</li> <li>Indigenous community will provide the SFL with a contact person to help with identification and to discuss forestry-related issues.</li> <li>Boundaries should be established by affected Indigenous community prior to commencing operations.</li> <li>Notification to MNRF will include new values, approval documentation and any agreements between the Indigenous community and SFL.</li> <li>MNRF will ensure value(s) are captured in official datasets (i.e. LIO).</li> </ul>				Indigenous community discussions	No
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				<b>Public Comment</b>	<b>Exception</b>
See part C below.				No	No
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				<b>Public Comment</b>	<b>Exception</b>
<ul style="list-style-type: none"> <li>No new roads or landings within the AOC without documented approval by the Indigenous community.</li> <li>Existing road reconstruction must receive documented approval by Indigenous communities before work commences.</li> <li>Use of maintenance on existing roads is permitted.</li> </ul>				No	No
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>					<b>Exception</b>
<ul style="list-style-type: none"> <li>No aggregate extraction within AOC without documented approval by the Indigenous community.</li> </ul>					No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

IV – PMGS: Plant material gathering sites (confidential value)

IV-PMGS	Group AOC	Description of Value			
	No	Indigenous Values – Plant Material Gathering Sites (traditional gathering sites, specific habitat, colony, patch or stand of plants, edible plants and craft materials; does not include blueberry, raspberry, or blackberry harvesting areas)			
<b>A. Operational Prescriptions for Areas of Concern</b>					
<b>Operational Prescription</b>				<b>Source</b>	<b>Exception</b>
<p>AOC consists of a Modified Management Zone (MMZ). Total AOC Width: a minimum of 30 m (measured from the perimeter of the value)</p> <p><b>Reserve: 0 m</b> <b>Modified: a minimum of 30 m</b></p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><b>Modified Management Zone (MMZ):</b></p> <ul style="list-style-type: none"> <li>As determined in consultation with the Indigenous community</li> <li>Indigenous community or SFL may seek advice from MNRF Biologist so plants are protected appropriately (which may include placing a reserve on the patch of plants and/or enlarging the modified zone)</li> </ul> <p><b>Additional Information:</b></p> <ul style="list-style-type: none"> <li>These values may include species that are uncommon, rare or of high cultural significance and may be sensitive to certain operations.</li> <li>Indigenous community will provide BMFC with the contact person to help with identification and discuss forestry-related issues.</li> <li>Notification to MNRF will include new values, approval documentation and any agreements between the Indigenous community and SFL.</li> <li>MNRF will ensure value(s) are captured in official datasets (i.e. LIO).</li> </ul>				Indigenous community discussions	No
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				<b>Public Comment</b>	<b>Exception</b>
See part C below.				No	No
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				<b>Public Comment</b>	<b>Exception</b>
<ul style="list-style-type: none"> <li>No new roads or landings within AOC areas.</li> <li>Existing road reconstruction must receive documented approval by Indigenous communities before work commences.</li> <li>Maintenance on existing roads is permitted.</li> </ul>				No	No
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>					<b>Exception</b>
<ul style="list-style-type: none"> <li>No aggregate extraction within the AOC without documented approval by the Indigenous community.</li> </ul>					No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

**Cultural Heritage Areas of Concern**

APA: Archaeological Potential Area

APA	Group AOC	Description of Value	
	Yes	Archaeological Potential Areas as determined using an archaeological potential area modelling tool (such as Heritage Assessment Tool) or by an archaeologist	
<b>A. Operational Prescriptions for Areas of Concern</b>			
<b>Operational Prescription</b>		<b>Source</b>	<b>Exception</b>
<p>AOC consists of a Modified Management Zone (MMZ). AOC dimension is the area from the predictive model, as mapped.</p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <p>Within the AOC one of the following must occur:</p> <ol style="list-style-type: none"> <li>1. AOC is a <b>reserve</b>;</li> <li>2. <b>Regular operations (where soil disturbance exceeds 5%)</b> can occur following a Stage 2 archaeological assessment and report has been reviewed and approved by the Ontario Ministry of Heritage, Sport, Tourism and Culture Industries, where nothing has been found and the recommendation is that no further archaeological work is required; Skid trails are to be as short as possible (i.e. usually perpendicular to the AOC boundary), and sharp corners to be avoided.</li> <li>3. <b>Operations</b> can occur where the harvest, skidding, and renewal activities do not cause more than 5% mineral soil disturbance (on a weighted average basis); and/or</li> <li>4. <b>For salvage operations</b> within blowdown areas, the mineral soil disturbance (weighted average) is allowed to exceed 5% within the AOC due to the previous disturbance of mineral soil by uprooted root mats on the site.</li> </ol> <p><u>Additional Information:</u> Copies of reports from archaeological assessment and approval documentation from MHSTCI must be provided with Notification to MNRF district and provincial cultural heritage specialist, as per the FMP AOC approval process.</p>		OMNRF, 2007, Forest Management Guide for Cultural Heritage Values; Pg. 33-35, Planning Team	No
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
See part C below.		No	No
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
<ul style="list-style-type: none"> <li>• New roads are permitted if the road can be designed with no mineral soil disturbance, otherwise an archaeological assessment must be completed, and recommendations followed.</li> <li>• Use and maintenance of existing roads is permitted if activities stay within previously disturbed area.</li> <li>• Reconstruction of existing roads is permitted within the previously disturbed right-of-way, otherwise an archaeological assessment must be completed, and recommendations followed.</li> <li>• New landings require an archaeological assessment prior to construction.</li> </ul>		No	No
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Exception</b>
<ul style="list-style-type: none"> <li>• New aggregate pits are not permitted.</li> <li>• Extraction from existing aggregate pits may be permitted on a case-by-case basis with prior approval of the MNRF and appropriate Indigenous communities provided the pit is not expanded outward and no additional ground disturbance takes place.</li> </ul>			No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

CM: Cemeteries and Burial Sites (confidential value)

CM	Group AOC	Description of Value		
	Yes	Cemeteries and Burial Sites <ul style="list-style-type: none"> <li>Cemetery: land set aside to be used for the interment of human remains (whether approved for use by the Registrar of Cemeteries or not)</li> <li>Burial Sites: land containing human remains that has not been approved or consented to as a cemetery in accordance with legislation</li> </ul>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		AOC consists of a reserve which includes the place of interment plus 15 m measured from the cemetery boundary or individual burial sites (which ever is larger). <b>Conditions on Harvest, Renewal and Tending</b> <u>Reserve (cemetery or burial site(s) plus 15 m):</u> <ul style="list-style-type: none"> <li>No harvest, renewal or tending operations are permitted.</li> </ul>	OMNRF, 2007. Forest Management Guide for Cultural Heritage Values. Page 44-45	No
		<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		Exception
		See part C below.		No
		<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		Exception
		<ul style="list-style-type: none"> <li>No new roads or landings permitted.</li> </ul>		No
		<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>		Exception
		<ul style="list-style-type: none"> <li>No new aggregate pits permitted.</li> </ul>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

CVR: Registered Archaeological Site (confidential value)

CVR	Group AOC	Description of Value		
	Yes	Registered archaeological site - Confidential Cultural Heritage Value		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		<p>AOC consists of a reserve and is measured from site centre. Additional specific direction is found in Section 4.2.1.1 of the FMP text.</p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <ul style="list-style-type: none"> <li>• Within the reserve, no harvest, renewal or tending operations are permitted.</li> <li>• Marking of the reserve boundaries must not draw attention to the value.</li> </ul> <p>The reserve must extend at least <b>200 m</b> measured from the defined center of the site unless:</p> <ul style="list-style-type: none"> <li>• The boundary of the site has been delineated through an Ontario Ministry of Heritage, Sport, Tourism and Culture Industries Stage 3 archaeological assessment where recommendation is that no further work is required, and report has been approved by Ministry of Heritage, Sport, Tourism and Culture Industries, in which case the reserve is a minimum <b>10 m</b> from the delineated boundary; or</li> <li>• A Stage 4 excavation has been completed to meet Ontario Ministry of Heritage, Sport, Tourism and Culture Industries standards and a recommendation has been made by a licensed archaeologist that no further archaeological work is required, as per the Ministry of Heritage, Sport, Tourism and Culture Industries approved report, in which case <b>no reserve is required</b>; or</li> <li>• The SFL holder chooses to engage a licensed archaeologist to collect and report on information from the Ontario Ministry of Heritage, Sport, Tourism and Culture Industries. Then one of the following three situations could occur; <ul style="list-style-type: none"> <li>a) If the review suggests that the archaeological site is possibly large or has great cultural heritage value or interest, then keeping the 200m radius reserve or creating a larger reserve will likely be recommended. An Ontario Ministry of Heritage, Sport, Tourism and Culture Industries archaeological assessment can be done to establish the boundaries of the site and from this, a 10m buffer can be established from the boundary.</li> <li>b) If the review suggests that the site is small or registers the location of an isolated find (e.g. arrowhead), and this conclusion is supported by documentation such as field notes, a report, or the results of an archaeological assessment, then the archaeologist could make a recommendation to remove the reserve since it does not provide protection of a tangible material resource.</li> <li>c) If the review shows that the site is of another class of cultural heritage value for which direction is provided in this Guide (e.g. cabin), then the archaeologist could make a recommendation to substitute more appropriate protection.</li> </ul> </li> </ul> <p><u>Additional Information:</u></p> <ol style="list-style-type: none"> <li>1. Copies of reports from archaeological assessment and approval documentation from MHSTCI must be provided with Notification to MNRF district and provincial cultural heritage specialist, as per the FMP AOC approval process.</li> <li>2. When the Cultural Heritage Value is also considered an Indigenous Value, the more restrictive prescription will be used.</li> </ol>	<p>OMNRF, 2007. Forest Management Guide for Cultural Heritage Values. Page 27, 29-31.</p>	<p>No</p>
		B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
		See part C below.	No	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
<ul style="list-style-type: none"><li>New roads and landings are not permitted within reserve</li><li>Maintenance and use of existing roads is permitted within reserve.</li></ul>	No	No
D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use	Exception	
<ul style="list-style-type: none"><li>New aggregate pits are not permitted within reserve</li></ul>	No	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

CHL, CHF: Cultural Heritage Landscapes and Features (confidential value)

Group AOC	Description of Value		
<p><b>CHL</b> <b>CHF</b></p> <p>Yes</p>	<p><b>Cultural Heritage Landscapes</b> are defined as a geographical area of heritage significance which has been modified by human activities and is valued by a community. It involves grouping(s) of individual <b>cultural heritage features</b> such as structures, spaces, archaeological sites, and natural elements, which together form a significant type of heritage form, distinctive of that of its constituent elements or parts</p> <ul style="list-style-type: none"> <li>• Cultural Heritage Values include:               <ul style="list-style-type: none"> <li>○ Linear Features (e.g. fence, travel corridor, trail),</li> <li>○ Polygon Features (e.g. old logging camps, farmsteads, sawmills or mines; occasionally individual buildings or ruins) and</li> <li>○ Point Features (e.g. buildings, ruins, cairns or wrecks)</li> </ul> </li> <li>• Direction applies to landscapes/features not associated with known archeological sites that are known before and found during operations.</li> </ul>		
<b>A. Operational Prescriptions for Areas of Concern</b>			
<b>Operational Prescription</b>		<b>Source</b>	<b>Exception</b>
<p><b>Total AOC Width:</b> as delineated</p> <p><b>Conditions on Harvest, Renewal and Tending:</b></p> <p><b>Cultural Heritage Landscapes (MMZ):</b></p> <ul style="list-style-type: none"> <li>• All operations must be laid out to conform to the general pattern of the cultural heritage landscape, whenever possible (i.e. operate within fence lines of former agricultural areas), while retaining linear features (e.g. fences, trenches and trails) and applying 10 m reserves around cultural heritage remains and other values. See AOC direction table below for Cultural Heritage Features commonly found on the Bancroft Minden Forest.</li> <li>• Renewal, tending and other operations (i.e. extraction trails) that have potential to cause mineral soil disturbance in cultural heritage landscapes can only be prescribed in areas where no structural remains or associated archaeological values are anticipated; or where a study by a qualified individual has concluded that no additional cultural heritage landscape values are present.</li> </ul> <p><b>Cultural Heritage Features (10 m reserve or delineated as per AOC Type Table below):</b></p> <ul style="list-style-type: none"> <li>• Harvest renewal and tending operations are not permitted. Trees are not to be felled into the AOC.</li> <li>• No activities permitted in reserve unless approved by the Ministry of Heritage, Sport, Tourism and Culture Industries (archeological assessment likely required, see direction under additional information).</li> </ul> <p><b>Additional Information:</b></p> <ul style="list-style-type: none"> <li>• Sites identified as having greater cultural heritage value or interest (i.e. indigenous value), or with potential for associated archaeological remains, will require protection measure(s) specific to that value.</li> <li>• Protection of known values will be in the form of a reserve unless the value is fully documented in a manner that conforms to the professional standards of a qualified individual; and any associated archaeological concerns have been addressed through completion of the appropriate stage of archaeological assessment, and the Ontario Ministry of Heritage, Sport, Tourism and Culture Industries has reviewed the report.</li> <li>• Copies of reports and approval documentation must be provided with Notification to MNRF district and provincial cultural heritage specialist, as per FMP AOC approval process.</li> </ul>		<p>Forest Management Guide for Cultural Heritage Values (2007). Ontario Ministry of Natural Resources.</p> <p>For direction on: Cultural Heritage Landscapes – see pages 36-41, and Glossary pp 71-75.</p> <p>Cultural Heritage point features – see pages 10-11, 19-20, 22, 24-25, 36-41.</p>	<p>No</p>



MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

AOC Direction Table: AOC Type and Protection for Cultural Heritage Features			
Examples of Cultural Heritage Features	AOC Dimension	Reserve or Modified Zone	Direction
Cairns and other boundary markers	Value + 10 m	reserve	<ul style="list-style-type: none"> <li>For ancient trail marker or other Indigenous boundary marker, see appropriate Indigenous AOC direction (i.e. IV-CMT, IV-CSF)</li> </ul>
Building, ruin, wreck or other structural remains	Value + 10 m	reserve	<ul style="list-style-type: none"> <li>Measured from edge of wreck or outside edge of structure.</li> </ul>
Scattered rock piles from historical land clearance activities associated with old farmstead landscapes (not fences or cairns)	Value only	modified	<ul style="list-style-type: none"> <li>work around and retain rock piles encountered while operating within cultural heritage landscapes, as much as possible</li> </ul>
Old logging camp or farmstead (i.e. groupings of structural remains)	Value + 10 m Applied to group(s) of structures	reserve protecting each structural remain and common-use area in between them, as appropriate	<ul style="list-style-type: none"> <li>Example of a cultural landscape; apply 10 m reserve around each structure and avoid going between them if close together</li> <li>Limit mineral soil disturbance around concentrations of values</li> </ul>
Old fences, ditches, trenches, canals, or other linear features as per cultural heritage guide	Value only	value is a reserve	<ul style="list-style-type: none"> <li>Avoid disturbing the feature and minimize crossings by skidding around linear values and reusing existing openings when possible.</li> <li>New crossings of linear features require MNRF approval. Approved crossings must be approximately perpendicular to feature while keeping ROW narrow as possible.</li> </ul>
Abandoned roads and railways	Value only	NA	<ul style="list-style-type: none"> <li>Document and map feature if not already done (including any old bridges or dams).</li> <li>Old road or railway bed can be re-used if activities are kept within original footprint (e.g. new road built along road/railway bed).</li> </ul>
Trails, portages and other historic terrestrial travel corridors (if not already covered by other AOCs)	10 m reserve centered on trail (5 m on each side)  marker + 10 m	reserve	<ul style="list-style-type: none"> <li>Avoid disturbing the feature and any associated trail markers</li> <li>Minimize road crossings</li> <li>If trail doesn't meet existing road passability criteria, must follow approval process for new roads.</li> <li>Traditional travel routes across lakes or rivers do not require protection of adjacent shoreline.</li> </ul>

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

<p><b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b></p>	<p><b>Public Comment</b></p>	<p><b>Exception</b></p>
<ul style="list-style-type: none"> <li>• Refer to part C for conditions on construction and use</li> </ul>		<p>No</p>
<p><b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b></p>	<p><b>Public Comment</b></p>	<p><b>Exception</b></p>
<ul style="list-style-type: none"> <li>• Existing roads within cultural heritage landscape may be reused and water crossings replaced if disturbance is kept to existing footprint of road or railway bed; while protecting any other cultural heritage values along them.</li> <li>• No new roads or landings, in or through reserves or cultural heritage landscapes unless there are no feasible or practical alternatives, and the locations are identified and justified in an Access and Abandonment Plan approved by MNR as per FMP AOC approval process (Indigenous consultation and/or an archeological assessment may be required in some instances, see direction under additional information in Part A). Documentation for proposed new roads and landings must include (but not limited to) considerations with respect to:             <ul style="list-style-type: none"> <li>○ Number and extent of new roads and landings must be minimized, and their layout must conform to the general patterns of the cultural heritage landscape to protect the landscape level pattern of the value.</li> <li>○ Efforts are required to go around and reuse existing openings in linear features (e.g. fences) as much as possible. If new roads are proposed to cross linear features, they must be perpendicular to feature and kept as narrow as possible.</li> </ul> </li> </ul>		<p>No</p>
<p><b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b></p>		<p><b>Exception</b></p>
<ul style="list-style-type: none"> <li>• Aggregate pits are not permitted.</li> </ul>		<p>No</p>

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

**Land-use and Recreational Areas of Concern**

AHA: Algonquin Highlands Designated Access Points

AHA	Group AOC	Description of Value		
	Yes	Township of Algonquin Highlands Water Trails Designated Access points		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		AOC consists of a 30 m reserve measured from the edge of the access point.	Leslie M. Frost Natural Resource Centre G421, E64a-2 and E65r-2 Shoreline Use Areas; Land use permit issued to the Township of Minden Hills for the purpose of the Haliburton Highlands Water Trails; Agreements with Township of Algonquin Highlands; See Supplementary Document I	No
		<p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><b>Protection Prescription Identifier:</b> Full Protection (applies to areas defined in the CLUPA policy titled - Leslie M. Frost Natural Resource Centre G421, E64a-2 and E65r-2 Shoreline Use Areas)</p> <p><u>Reserve (0 - 30 m):</u></p> <ul style="list-style-type: none"> <li>No harvest, renewal or tending.</li> </ul>		
		B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
		See part C below.	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"> <li>Existing access roads can be used during forestry operations. No new roads or landing construction unless approved by MNRF in consultation with the Algonquin Highlands Water Trails administrator.</li> <li>Improved access created to facilitate forestry operations should be reduced to the access it was found in.</li> </ul>	No	No
		D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use	Exception	
		<ul style="list-style-type: none"> <li>Existing aggregate pits can be used during forestry operations in consultation with MNRF and the Algonquin Highlands Water Trails administrator.</li> </ul>	No	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

AHC: Algonquin Highlands Designated Campsites

AHC	Group AOC	Description of Value																	
	Yes	Township of Algonquin Highlands Water Trails Designated campsites and day use sites																	
<b>A. Operational Prescriptions for Areas of Concern</b>																			
<b>Operational Prescription</b>																			
AOC consists of a reserve or a slope dependent reserve and modified management zone (MMZ) measured from the edge of the fire pit. The type of protection awarded to the campsite depends on its location (see below).																			
<b>Conditions on Harvest, Renewal and Tending</b>																			
<p><b>Protection Prescription Identifier:</b> Full Protection (applies to designated campsites located in the CLUPA policy area titled - Leslie M. Frost Natural Resource Centre G421, E64a-2 and E65r-2 Shoreline Use Areas.</p> <p><u>Reserve (0 - 120 m):</u></p> <ul style="list-style-type: none"> <li>No harvest, renewal or tending.</li> </ul> <p><b>Protection Prescription Identifier:</b> Full Protection – Negotiable (applies to all other designated campsites within the Water Trails Program not under CLUPA direction) and is applied as a <u>Slope Based Modified Management Zone (30 m – 120 m)</u> applied from any permanent structure on the campsite e.g. fire pit, privy box, obvious tent area as follows:</p> <table border="1" style="margin-left: 40px;"> <thead> <tr> <th>Slope (%)</th> <th>Reserve</th> <th>Modified</th> </tr> </thead> <tbody> <tr> <td>0-15</td> <td>30m</td> <td>90 m</td> </tr> <tr> <td>&gt;15-30</td> <td>50m</td> <td>70 m</td> </tr> <tr> <td>&gt;30-45</td> <td>70m</td> <td>50 m</td> </tr> <tr> <td>&gt;45</td> <td>90m</td> <td>30 m</td> </tr> </tbody> </table> <p><u>Reserve</u></p> <ul style="list-style-type: none"> <li>No harvest, renewal or tending.</li> </ul> <p><u>MMZ</u></p> <ul style="list-style-type: none"> <li>Schedule operations to avoid to the extent possible peak periods of use (May long weekend to Labour day weekend) to minimize disruptions and ensure safety to campsite users.e.g.</li> <li>Operations may only be conducted Mon-Fri, not during holidays and preferably during the winter when campsites are less active. See communication protocol in supp. Doc. I.</li> <li>A minimum of 12m<sup>2</sup>/ha of basal area will be retained for consideration of aesthetics. Identify and verify by mutual written agreement (as per communications protocol) those trail sections where canopy retention within the modified zone will not be maintained.</li> <li>Normal renewal and tending operations are permitted.</li> <li>Place forest operations signs near campsites to alert users they are in proximity to a forestry operation area and remove when operations are complete.</li> <li>During tree marking, the removal of potential danger trees must be emphasized.</li> <li>Fell all trees away from campsites.</li> </ul>					Slope (%)	Reserve	Modified	0-15	30m	90 m	>15-30	50m	70 m	>30-45	70m	50 m	>45	90m	30 m
Slope (%)	Reserve	Modified																	
0-15	30m	90 m																	
>15-30	50m	70 m																	
>30-45	70m	50 m																	
>45	90m	30 m																	
		Leslie M. Frost Natural Resource Centre G421, E64a-2 and E65r-2 Shoreline Use Areas; Land use permit issued to the Township of Minden Hills for the purpose of the Haliburton Highlands Water Trails; Agreements with Township of Algonquin Highlands; See Supplementary Document I	No																

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
See part C below.	No	No
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
<ul style="list-style-type: none"> <li>• Existing access roads can be used during forestry operations. No new roads or landing construction unless approved by MNRF in consultation with the Township of Algonquin Highlands administrator.</li> <li>• No new roads which would provide access that did not previously exist to lakes which have AOC values located on them.</li> <li>• Improved access created to facilitate forestry operations should be reduced to the access it was found in.</li> </ul>	No	No
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Exception</b>
<ul style="list-style-type: none"> <li>• Existing aggregate pits can be used during forestry operations in consultation with MNRF and the Township of Algonquin Highlands Administrator.</li> </ul>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

AHT: Algonquin Highlands Designated Trails

AHT	Group AOC	Description of Value		
	Yes	Township of Algonquin Highlands Water Trails designated Portage, Hiking, Biking and Cross-Country Skiing Trails		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		The AOC is the centreline of the hiking trail, portage route, or skiing trail plus a Modified Management Zone (MMZ) 30 m wide on both sides of the trail (aesthetics and shade concerns).	Leslie M. Frost Natural Resource Centre G421, E64a-2 and E65r-2; Land use permit issued to the Township of Minden Hills for the purpose of the Haliburton Highlands Water Trails; Agreements with Township of Algonquin Highlands; See Supplementary Document I for more information	No
		<p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><u>MMZ (0 - 30 m):</u></p> <ul style="list-style-type: none"> <li>• Operations within the zone of portage and hiking trails are restricted to weekdays: Tuesdays to Thursdays when scheduled between the Friday before Victoria Day weekend to the Monday after Labour Day weekend for portages. For other trails, extend until November 1<sup>st</sup>.</li> <li>• For cross country ski trails: operations scheduled during the active ski season e.g. December 15<sup>th</sup> to March 31<sup>st</sup> within the zone are not permitted.</li> <li>• Special attention to erosion control will be made.</li> <li>• A minimum of 12m<sup>2</sup>/ha of basal area will be retained for consideration of aesthetics. Identify and verify by mutual written agreement (as per communications protocol) those trail sections where canopy retention within the modified zone will not be maintained.</li> <li>• Skid trails are to be kept to a minimum and will only cross the trail if no other feasible alternatives exist with special attention to erosion control. No skidding along designated trails.</li> <li>• Place forest operations signs near trails to alert users they are in proximity to a forestry operation area and remove after operation is complete.</li> <li>• During tree marking, the removal of potential danger trees must be emphasized.</li> <li>• Fell all trees away from trails. Trees and brush accidentally felled on a trail will be removed.</li> <li>• Normal renewal and tending operations are permitted.</li> <li>• New skid trails to cross ski trails at close to right angles with minimum canopy disturbance. Ensure erosion control measures are established where required to protect trails from ground disturbance at the completion of harvest operations.</li> </ul>		
		<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		See part C below.	No	No
		<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		<ul style="list-style-type: none"> <li>• Roads, landings and skid trails to be minimized within the AOC and situated to minimize potential conflict with users.</li> <li>• All new roads will have an abandonment strategy.</li> <li>• Improved access created to facilitate forestry operations should be reduced to the access it was found in.</li> <li>• Crossings to be minimized and perpendicular to trail.</li> </ul>	No	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

	<ul style="list-style-type: none"><li>• Identify and verify by written agreement prior to operations commencing with the operator those locations where maintaining existing drainage is critical.</li><li>• Restore all drainage disturbance and conduct all rehabilitation work as soon as possible after conclusion of forestry operations</li><li>• No new landings within the reserve. Landings to be left free of logs and slash piles</li></ul>		
	<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Exception</b>
	<ul style="list-style-type: none"><li>• Existing aggregate pits can be used during forestry operations.</li><li>• The Township of Algonquin Highlands Water Trails administrator will be notified if new pits are needed.</li></ul>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

CRL: Category 1 Recreation Lakes within Leslie M. Frost Natural Resource Centre

CRL	Group AOC	Description of Value		
	No	Category 1 Recreation Lakes within Leslie M. Frost Natural Resource Centre		
<b>A. Operational Prescriptions for Areas of Concern</b>				
<b>Operational Prescription</b>				
The AOC includes a reserve and a modified management zone on Category 1 Recreation Lakes to maintain aesthetics visible from waterbodies.				
<b>Conditions on Harvest, Renewal and Tending</b>				
<u>Reserve (0-30):</u>				
<ul style="list-style-type: none"> <li>No harvest, renewal or tending permitted.</li> </ul>				
<u>MMZ (30 – 120 m):</u>				
<ul style="list-style-type: none"> <li>A minimum of 12m<sup>2</sup>/ha of basal area will be retained for consideration of aesthetics.</li> <li>Normal renewal and tending operations are permitted.</li> </ul>				
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
See part C below.				
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
<ul style="list-style-type: none"> <li>Roads and landings kept to a minimum to maintain aesthetics.</li> <li>No openings such as log landings are permitted that can be seen from the lake.</li> </ul>				
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>				
<ul style="list-style-type: none"> <li>Existing aggregate pits can be used during forestry operations.</li> <li>Planned pits need environmental impact assessment to indicate that there will be no detrimental effect on water quality in the adjacent water bodies.</li> <li>Planned pits should not be visible from the lake.</li> </ul>				
			<b>Source</b>	<b>Exception</b>
			Leslie M. Frost Natural Resource Centre G421, E64a-2 and E65r-2 Backshore Use Areas;  See Supplementary Document I for more information	No
			<b>Public Comment</b>	<b>Exception</b>
			No	No
			<b>Public Comment</b>	<b>Exception</b>
			No	No
				<b>Exception</b>
				No



MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

REC: Crown Land Camps (Recreational Camps, Club Houses, Work Camps and Trapper’s Cabins)

REC	Group AOC	Description of Value		
	Yes	Crown Land Camps include Recreational Camps under LUP, Ski/Snowmobile Clubhouses, Work Camps and Trapper's Cabins associated with registered traplines.		
<b>A. Operational Prescriptions for Areas of Concern</b>				
<b>Operational Prescription</b>		<b>Source</b>	<b>Exception</b>	
<p>AOC consists of a Reserve. AOC distances are centered on the main structure. Total AOC radius = 35 m.</p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><u>Reserve (0-35m):</u></p> <ul style="list-style-type: none"> <li>• No harvest renewal or tending operations are permitted unless requested by the permit holder.</li> <li>• Where possible, operations should be scheduled to minimize conflicts with recreational uses (i.e. avoid hunting or ski season).</li> </ul>		2011 FMP Bancroft-Minden Planning Team See FMP 2011 AOC Supplementary Document H for additional information	No	
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>	
See part C below.		No	No	
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>	
<ul style="list-style-type: none"> <li>• No new roads, skid trails, extraction trails or landings within the AOC unless permission is granted by the camp user and MNRF.</li> <li>• Reconstruction and use of old existing roads, landings and skid trails is permitted.</li> <li>• Existing road use is permitted but must be kept free of logging debris at all times and are to be returned to pre-use condition or better upon the completion of operations.</li> </ul>		No	No	
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Exception</b>	
<ul style="list-style-type: none"> <li>• New aggregate pits are not permitted.</li> <li>• Use of old existing pits is permitted with camp user and MNRF approval.</li> </ul>			No	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

LUP: Land use Permits, Leases and Licences of Occupation

<b>LUP</b>	<b>Group AOC</b>	<b>Description of Value</b>		
	Yes	Crown land dispositions with a defined area including land use permits (LUP), leases and licences of occupation (LO) not addressed by other AOCs		
	<b>A. Operational Prescriptions for Areas of Concern</b>			
	<b>Operational Prescription</b>		<b>Source</b>	<b>Exception</b>
	AOC is a reserve, consisting of the delineated land-use permit (LUP) area, lease or licenced area of occupation (LO). <b>Reserve:</b> as delineated <b>Conditions on Harvest, Renewal and Tending</b> <ul style="list-style-type: none"> <li>• No harvest, renewal or tending unless permitted by the LUP, lease or LO holder with MNRF approval.</li> </ul>		New AOC prepared by Planning Team in consultation with Regional Lands Specialist, 2021-2031 Forest Management Plan for the Bancroft Minden Forest	No
	<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Public Comment</b>
	<ul style="list-style-type: none"> <li>• See part C below.</li> </ul>			No
	<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Public Comment</b>
	<ul style="list-style-type: none"> <li>• Existing roads may be used if permitted by the LUP, lease or LO holder with MNRF approval.</li> <li>• New roads may be developed if permitted by the LUP, lease or LO holder with MNRF approval.</li> </ul>			No
	<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Exception</b>
<ul style="list-style-type: none"> <li>• Existing aggregate pits may be used if permitted by the LUP, lease or LOC holder with MNRF approval.</li> <li>• New aggregate pits are not permitted, unless there are no feasible alternatives and permitted by the LUP, lease or LO holder with MNRF approval.</li> </ul>			No	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

PP: Provincial parks

PP	Group AOC	Description of Value		
	Yes	All operating Provincial Parks within the FMU.		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		AOC consists of a Modified Management Zone (MMZ) within 120 m of the park boundary.	Guide for Crown Land Use Planning; Provincial Parks and Conservation Reserves Act; Algonquin Park Management Plan (1998); Egan Chutes PP Interim Management Statement (2004); French Severn FMP; Ottawa Valley FMP; Nipissing FMP	No
		<p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><u>MMZ (0-15m):</u></p> <ul style="list-style-type: none"> <li>Boundary to be clearly marked.</li> <li>All boundary markers are to be protected.</li> <li>No felling into the park; trees accidentally felled will be left where they fall.</li> <li>Partial harvest silviculture only permitted.</li> </ul> <p><u>MMZ (15-120 m):</u></p> <ul style="list-style-type: none"> <li>Schedule operations to the extent possible to avoid peak summer periods (May 24 to September 30).</li> <li>If harvest area is visible from park campsite or trails, partial harvest silviculture (e.g. selection, shelterwood and commercial thinning) is permitted. Clearcut harvest must maintain a minimum of 9m<sup>2</sup>/ha in trees &gt;10cm DBH.</li> <li>Conventional clearcutting permitted in operations identified as 'low risk' of impacting visitor experience.</li> <li>At the AWS stage, MNRF will notify park managers of planned operations and provide opportunity to identify concerns.</li> <li>See communication protocol for additional input on operations during plan implementation.</li> </ul>		
		<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		See part C below.	No	No
		<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		<ul style="list-style-type: none"> <li>No new roads or landings permitted within 15 m unless no other suitable options exist and approved by MNRF with agreement from Park Superintendent.</li> <li>New operational roads are permitted within 120 m but will be decommissioned upon completion of operations unless approved by MNRF with agreement from Park Superintendent.</li> </ul>	No	No
		<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Exception</b>
		<ul style="list-style-type: none"> <li>No new aggregate pits permitted within 120 m unless no other suitable options exist and approved by MNRF with agreement from Park Superintendent.</li> </ul>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

SUA: Nunikani and Sherborne Lakes Skyline Use Area and Viewscape of Jack’s Lake and Kamanisgeg Lake

SUA	Group AOC	Description of Value																					
	No	Nunikani and Sherborne Lake Skyline Use Area and Viewscape of Jack's Lake and Kamanisgeg Lake																					
<b>A. Operational Prescriptions for Areas of Concern</b>																							
<b>Operational Prescription</b>		<b>Source</b>	<b>Exception</b>																				
<p>AOC includes a slope-dependant reserve and a modified management zone (MMZ) that takes in land that can be viewed from Kamanisgeg and Jack's Lakes. AOC widths are minimums and may be extended based on actual conditions encountered.</p> <p>AOCs for Nunikani, Sherborne, Little Jacks and Kamanisgeg Lakes will be slope dependent as follows:</p> <table border="1"> <thead> <tr> <th>% slope</th> <th>AOC Width (m)</th> <th>Reserve Width (m)</th> <th>Modified Width (m)</th> </tr> </thead> <tbody> <tr> <td>0-15</td> <td>30</td> <td>15</td> <td>15</td> </tr> <tr> <td>16-30</td> <td>50</td> <td>15</td> <td>35</td> </tr> <tr> <td>31-45</td> <td>70</td> <td>30</td> <td>40</td> </tr> <tr> <td>&gt;45</td> <td>90</td> <td>30</td> <td>60</td> </tr> </tbody> </table> <p>A 90 m reserve will be applied to Jacks Lake.</p> <p>AOC widths for Nunikani, Sherborne, Kamanisgeg and Jack's Lake may be widened to include additional area visible from the lake.</p> <p><b>Conditions on Harvest, Renewal and Tending</b>  <u>Reserve (slope/viewscape dependent, measured from treed edge of the shoreline):</u>                      No harvest, renewal or tending permitted.  <u>MMZ (slope/viewscape dependent):</u></p> <ul style="list-style-type: none"> <li>Residual Forest must be maintained (see Section 4.2.2.2.15).</li> <li>If areas outside the MMZ width are visible from the lake, normal selection and shelterwood harvest is permitted. Clearcut harvest must maintain a minimum of 9m<sup>2</sup>/ha in trees &gt;10 cm DBH.</li> <li>Protection of the site shall follow the general standards for controlling compaction, rutting, erosion, nutrient loss, loss of productive forest and hydrological impacts (Section 4.2.2.2 and 4.5.5).</li> </ul>		% slope	AOC Width (m)	Reserve Width (m)	Modified Width (m)	0-15	30	15	15	16-30	50	15	35	31-45	70	30	40	>45	90	30	60	Leslie M. Frost Natural Resource Centre G421, E64a Skyline Use Areas and Public/Indigenous Input (Jack's Lake, Kamanisgeg) See 2021 FMP and AOC Supplementary Document I for additional information  DM IR Decision / 2016 IEA As per: Jacks Lake IEA Request Decision Map from Phase 2 of 2011-21 FMP	No
% slope	AOC Width (m)	Reserve Width (m)	Modified Width (m)																				
0-15	30	15	15																				
16-30	50	15	35																				
31-45	70	30	40																				
>45	90	30	60																				
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>																				
See part C below.		No	No																				
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>																				
<ul style="list-style-type: none"> <li>Roads and landings within the AOC must not be visible from the lake.</li> <li>All operational roads subject to an abandonment strategy (as described in the AWS).</li> </ul>		Yes	No																				
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>				<b>Exception</b>																			
<ul style="list-style-type: none"> <li>No aggregate extraction within the AOC.</li> </ul>				No																			

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

XTR: Kawartha Nordic cross country ski trails

XTR	Group AOC	Description of Value				
	No	Kawartha Nordic Cross Country Ski Trails				
<b>A. Operational Prescriptions for Areas of Concern</b>						
<b>Operational Prescription</b>						
<p>The AOC is the width of the trail plus a Modified Management Zone (MMZ) 20m wide on both sides of the trail (aesthetics and shade concerns).</p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><u>MMZ (0 - 20 m):</u></p> <ul style="list-style-type: none"> <li>• Good neighbour considerations (see Section 4.2.2.14) will be followed regarding all phases of operations, including tree marking in proximity of the identified value. In particular, “Modifications to operations may be implemented to resolve public safety, aesthetic, shade or joint use concerns.”</li> <li>• Selective and shelterwood harvest, renewal and tending is permitted.</li> <li>• During tree marking, the removal of potential danger trees must be emphasized.</li> <li>• Fell all trees away from trails whenever possible.</li> <li>• Where necessary, consult with the trail operator to schedule operations to minimize disruptions and ensure safety to other trail users, including making use of small trail diversions.</li> <li>• Place forest operations signs on each side of the planned operation boundary to alert trail users they are entering a forestry operation area.</li> <li>• Identify and verify by written agreement with the operator those trail sections where canopy retention (esp. conifers on S and W sides) within the modified zone will be maintained.</li> <li>• New skid trails to cross ski trails at close to right angles with minimum canopy disturbance. Ensure erosion control measures are established where required to protect trails from ground disturbance at the completion of harvest operations.</li> <li>• Identify and verify by written agreement with the operator those locations where maintaining existing drainage is critical.</li> </ul>					FMP 2011 Bancroft Minden Local Citizen Committee (LCC) See 2021 FMP and AOC Supplementary Document H for additional information	No
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>						
See part C below.					Public Comment	Exception
See part C below.					No	No
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>						
<u>MMZ (0-20 m):</u>					Public Comment	Exception
<ul style="list-style-type: none"> <li>• Existing access roads can be used during forestry operations.</li> <li>• Restore all drainage disturbance and conduct all rehabilitation work as soon as possible after conclusion of forestry operations</li> </ul>					No	No
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>						
<u>MMZ (0-20 m):</u>					Public Comment	Exception
<ul style="list-style-type: none"> <li>• Existing pits can be used during forestry operations. Ski club will be consulted if new pits are required.</li> </ul>					No	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

**Research Plots and Environmental Monitoring Stations**

OFBN: Ontario Forest Biomonitoring Network

<b>OFBN</b>	<b>Group AOC</b>	<b>Description of Value</b>		
	No	<b>Ontario Forest Biomonitoring Network</b> for forest health plots monitored by the Ministry of the Environment, Conservation and Parks (MECP) <ul style="list-style-type: none"> <li>• Research Plot Protected: "PROGRAM_AC = OFBN" and "PROTECTION = Full Protection - Negotiable"</li> <li>• Specifically, OFBN-064, 065, 066, and 067 on BMF</li> </ul>		
	<b>A. Operational Prescriptions for Areas of Concern</b>			
	<b>Operational Prescription</b>		<b>Source</b>	<b>Exception</b>
	<b>Total AOC Width:</b> 200 m centered on OFBN Research Points and from square 4x4 wooden center post on the ground  <b>Conditions on Harvest, Renewal and/or Tending Operations:</b>  <b>Reserve:</b> 0-150 m <b>Modified Management Zone:</b> 150-200 m <ul style="list-style-type: none"> <li>• No disturbance of any kind is allowed within AOC unless approved by MECP.</li> <li>• Must work with MECP contact to develop a custom harvest prescription for the modified zone.</li> </ul> <b>Additional Information:</b> <ul style="list-style-type: none"> <li>• Pre-harvest notification will be provided to MECP at AWS stage so custom prescriptions can be discussed and arrangements can be made to mark plot boundaries in advance of operations.</li> <li>• Contact is open to discussing site-specific AOC buffers and modified harvest prescriptions for OFBN plots that may benefit from hardwood stand improvements.</li> <li>• MECP contact information is in Research Plot Protected LIO layer.</li> <li>• AOC Notification to MNRF will include custom prescriptions and documentation of approval from MECP.</li> </ul>		Direction developed during discussions between MNRF and Ministry of the Environment, Conservation and Parks (MECP) – May 2021  Locations of Ontario Forest Biomonitoring Network (OFBN) plots as extracted from Research Plot Protected in LIO	No
	<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
	<ul style="list-style-type: none"> <li>• No new roads or landings, or upgrades to existing roads or trails in the AOC unless approved by MECP.</li> </ul>			No
	<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
	<ul style="list-style-type: none"> <li>• No new roads or landings, or upgrades to existing roads or trails in the AOC unless approved by MECP.</li> </ul>			No
	<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Exception</b>
<ul style="list-style-type: none"> <li>• No aggregate extraction in the AOC unless approved by MECP.</li> </ul>			No	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

MSIM: Multi-species inventory and monitoring plots

MSIM	Group AOC	Description of Value		
	Yes	<p><b>Multi-species Inventory and Monitoring (MSIM) Plots for the Provincial Wildlife Population Monitoring Program (PWPMP)</b></p> <ul style="list-style-type: none"> <li>• Research Plot Protected: "PROGRAM_AC = MSIM" and "PROTECTION = Full Protection - Negotiable" (x5)</li> <li>• MSIM Plot infrastructure locations are provided by BAMS upon request in advance of operations</li> <li>• Specifically, five (5) MSIM plots on BMF by Plot Alias: Dan Lake, Fire Tower, Major Lake, Ramsbottom and Whitney</li> </ul>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
<p>AOC consists of several Modified Management Zones (MMZ) and/or a Reserve on plot infrastructure if operations are planned in an Active MSIM plot.</p> <p><u>AOC Dimensions:</u>            A 500 m AOC measured from the plot center and 100 m from plot infrastructure that is in or slightly outside the perimeter of AOC which includes:</p> <ul style="list-style-type: none"> <li>• Notification to the Regional Wildlife Population Monitoring Program (WPMP) specialist if operations are planned within this zone to determine if plot is active or inactive, and to request plot infrastructure locations.</li> <li>• Station marker (aluminum posts), individual trees used to mount monitoring equipment, and the salamander coverboard survey grid are collectively referred to as plot infrastructure. Infrastructure will be clearly marked on active plots but may be difficult to see on inactive plots.</li> <li>• Detailed infrastructure station locations for all plots (active and inactive) are available from the WPMP specialist and 15/50/100 m MMZs will be applied to plot infrastructure as per Parts A, B, C and D.</li> <li>• A 50 m reserve will be applied on plot infrastructure if forestry operations are proposed in active MSIM plots between September 16 and April 30.</li> </ul> <p>Contact the Regional Wildlife Populations Specialist with the Biodiversity and Monitoring Section prior to operations (before April 30 in the year of proposed operations) to determine if monitoring plot is active or inactive.</p> <p><b>Harvest, Renewal and/or Tending Operations</b></p> <ul style="list-style-type: none"> <li>• There are no conditions on tree planting and manual tending on any type of plot (active or inactive).</li> </ul> <p><u>Active Plots:</u></p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• May 1 to September 15 – Reasonable efforts will be made to avoid operations taking place within the AOC unless other arrangements have been made with the WPMP specialist. If this timeframe cannot be avoided, the SFL manager will inform the District Forester and the WPMP specialist as soon as this is known, with the target being prior to April 30 in the year of operations.</li> <li>• If operations must coincide with MSIM plot measurements, the SFL manager will ensure that survey staff will be able to contact logging company to coordinate both operations to address any safety concerns. A 50 m reserve will be placed on plot infrastructure during any forestry operations that occur during this time. The harvest prescription will be discussed with the WPMP Specialist.</li> <li>• Both the WPMP specialist and SFL must agree on the MSIM AOC modification. Copies of agreements and approval documentation will be provided with Notification to MNRF District as per FMP AOC approval process.</li> </ul> <p><u>Inactive Plots:</u></p> <ul style="list-style-type: none"> <li>• Normal operations within the 500 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.</li> </ul>		<p>Revised by the 2021 FMP Bancroft-Minden Planning Team. See AOC Supp Doc I, Section 3</p> <p>Provincial Wildlife Population Monitoring Program Memo – June 12, 2017</p> <p>MSIM AOC prescription from Provincial Wildlife Population Monitoring Program drafted May 7, 2018</p> <p>Attributes for Multi-species Inventory and Monitoring (MSIM) Plots from Research Plot Protected in LIO</p>	<p>No</p>	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

MSIM	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"> <li>There are no conditions on hauling or road maintenance on any type of plot (inactive or active).</li> </ul> <p><u>Active plots:</u> 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 to the extent possible. The WPMP Specialist will be contacted as soon as it is known that work must occur within the May 1 to September 15 period.</p> <p><u>Inactive plots:</u> 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.</p>	No	No
	<p><b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b></p>	<b>Public Comment</b>	<b>Exception</b>
	<ul style="list-style-type: none"> <li>There are no conditions on hauling or road maintenance on any type of plot (inactive or active)</li> </ul> <p><u>Active plots:</u> 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 to the extent possible. The WPMP Specialist will be contacted as soon as it is known that work must occur within the May 1 to September 15 period.</p> <p><u>Inactive plots:</u> 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.</p>	No	No
	<p><b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b></p>		<b>Exception</b>
	<p><u>Active plots:</u> No new aggregate pits will be placed within 500 of plot center or within 100 m of any plot infrastructure. Reasonable efforts will be taken to follow timing restrictions for active plots (as described in Operational Prescription for the AOC; September 16 to April 30) within the AOC unless other arrangements have been made with the WPMP specialist.</p> <p><u>Inactive plots:</u> 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.</p>		No



MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

GYR, GYM: Provincial forest growth and yield research plots

GYR GYM	Group AOC	Description of Value		
	Yes	<b>Provincial forest growth and yield research plots:</b> Permanent growth plots (PGP) and permanent sample plots (PSP) are part of a monitoring network, established and maintained by the MNRF Growth and Yield Program, for collection of time-sequence high-quality data on stand dynamics under natural and managed conditions. A key purpose is to develop Growth and Yield modelling tools for Crown forest management planning in Ontario.		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		AOC consists of a Reserve or Modified Management Zone (MMZ). AOC is delineated in the LIO (Land Information Ontario) Research Plot Protected layer. In a situation where the AOC overlaps with an existing road, landing or aggregate pit, contact the Forest Productivity Science Specialist for further direction.	Revised by the 2021 FMP Bancroft-Minden Planning Team. See AOC Supp Doc I	No
		<b>GYR Reserve (Protection Prescription Ident: Full Protection):</b> <ul style="list-style-type: none"> <li>No silvicultural treatments (harvest, renewal or tending operations) are permitted.</li> </ul>	As per discussions with MNRF Forest Productivity Science Specialist for Southern Region.	
		<b>GYM Modified Management Zone (Protection Prescription Ident: Full Protection – Negotiable):</b> <ul style="list-style-type: none"> <li>No clearcut is permitted within a GYM AOC unless allowed by the Forest Productivity Science Specialist. If operations are permitted within the AOC, conditions need to be clearly defined and agreed upon for operational implementation.</li> <li>Partial-harvest, renewal or tending operations are permitted within the GYM AOC. The sustainable forest licence holder must provide the Forest Productivity Science Specialist, in writing, a pre-operation notice (at least 30 days in advance) and a post-operation notice (as soon as possible). See AOC Supplementary Document I for more information.</li> </ul>	OMNRF Growth and Yield Program PSP and PGP Reference Manual 2016	
		<b>General Conditions:</b> <ol style="list-style-type: none"> <li>No operation is permitted within the GYM AOC without 30-days pre-operation notice.</li> <li>The SFL should contact the Forest Productivity Science Specialist for any additional information/clarification.</li> <li>The SFL must report any discrepancies in PSP/PGP ground locations and the spatial data provided through MNRF-NRIP to the Forest Productivity Science Specialist.</li> <li>The SFL must implement the AOC as it exists on the ground.</li> <li>The SFL should preserve plot posts and other monumentations.</li> <li>Copies of agreements and approval documentation will be provided with Notification to MNRF District as per FMP AOC approval process.</li> </ol>	Attributes for Growth and Yield (G&Y) Plots extracted from Research Plot Protected in LIO  See G&Y Plot AOC Communication Protocol in Supp Doc I	
		<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		See part C below.	No	No
		<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		<ul style="list-style-type: none"> <li>No new crossings or landings permitted. Use of existing crossings and/or landings is permitted.</li> <li>Contact the Forest Productivity Science Specialist well in advance of operations to determine any operating conditions.</li> </ul>	No	No
		<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Exception</b>
		<ul style="list-style-type: none"> <li>No new aggregate pits permitted. Use of existing pits is permitted.</li> <li>Contact the Forest Productivity Science Specialist well in advance of operations to determine any operating conditions.</li> </ul>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

SNOW: Snow Monitoring Stations

SNOW	Group AOC	Description of Value		
	No	<b>Snow Monitoring Stations</b> <ul style="list-style-type: none"> <li>Winter severity and snowpack monitoring stations used for deer and spring freshet management</li> <li>Specifically, 3 MNRF and 2 OPG snow stations on BMF</li> </ul>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		The AOC consists of a Reserve with a 40 m radius centred on each data station (snow depth measuring stake).  <b>Conditions on Harvest, Renewal and Tending</b>  <b>Reserve:</b> 0-40 m on each data station (snow measurement stake) <ul style="list-style-type: none"> <li>Harvest, renewal and tending operations are not permitted in the AOC.</li> </ul>	Added by Bancroft Minden Planning Team based on Ontario Ministry of Natural Resources. 1995. Snow Network Information System (SNOW) Data Management Installation Guide and User's Notes. Appended 1996. unpubl. 10 pp.  Attributes for snow stations extracted from Monitoring Station in LIO	No
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>			Public Comment	Exception
<ul style="list-style-type: none"> <li>New landings, roads or widening of the right of way along existing roads/trails are not permitted in the AOC.</li> </ul>				No
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>			Public Comment	Exception
<ul style="list-style-type: none"> <li>New landings, roads or widening of the right of way along existing roads/trails are not permitted in the AOC.</li> </ul>				No
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>				Exception
<ul style="list-style-type: none"> <li>Aggregate extraction is not permitted in the AOC.</li> </ul>				No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

**Biological Areas of Concern**

AGL: Large patch of American ginseng (confidential value)

AGL	Group AOC	Description of Value			
	Yes	Large Patch of ≥20 American ginseng plants and habitat within a 120 m radius of the periphery of the patch or as otherwise defined by an ESA habitat description or habitat regulation. Direction applies to patches known before, or found during, operations.			
<b>A. Operational Prescriptions for Areas of Concern</b>					
<b>Operational Prescription</b>				<b>Source</b>	<b>Exception</b>
<p>AOC consists of a Reserve and Modified Management Zone (MMZ). AOC distances are measured from the edge of the delineated patch.</p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><u>Reserve: Delineated Patch &amp; 0-20 m from patch edge</u></p> <ul style="list-style-type: none"> <li>• No harvest, renewal or tending operations are permitted.</li> <li>• Trees will not be felled into this area. Trees accidentally felled into this area will be left where they fall.</li> </ul> <p><u>MMZ1: 20-120 m</u></p> <ul style="list-style-type: none"> <li>• Harvest that retains a minimum relatively uniform canopy closure of 70% (dominant and codominant trees) is permitted. Harvest will normally be restricted to single tree selection.</li> <li>• Harvest, renewal, and tending operations will be conducted in a manner that minimizes site disturbance.</li> <li>• Operations within the AOC will not: <ul style="list-style-type: none"> <li>- Exceed 2% coverage of ruts.</li> <li>- Exceed 10% coverage of extraction trails.</li> <li>- Leave ruts or a significant area of exposed mineral soil. If coverage of ruts and extraction trails is ≤ 2% and ≤ 10%, respectively, operations will be considered compliant if ruts and significant areas of exposed mineral soil in the AOC are remediated in a timely manner following MNRF conditions (i.e. the forest floor is returned to a condition that promotes the establishment of ginseng but deters the establishment of competing invasive species (without adversely affecting ginseng plants or habitat suitability)).</li> </ul> </li> <li>• Following harvest, renewal and tending operations, any markings that might attract collectors to the ginseng patch will be removed or hidden.</li> <li>• Application of herbicides is not permitted.</li> <li>• Harvest, renewal and tending operations will be conducted during winter, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> </ul>				Revised direction for large patches of American Ginseng (i.e. 2016 Amendment to the Forest Management Guide for Conserving Biodiversity at the Stand & Site Scales)	No
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				<b>Public Comment</b>	<b>Exception</b>
See part C below.				No	No
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				<b>Public Comment</b>	<b>Exception</b>
<p><u>Reserve 0-20m</u></p> <ul style="list-style-type: none"> <li>• New roads (including widening and reconstruction of existing roads) and landings are not permitted, unless specifically approved by MNRF.</li> </ul>				No	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

AGL	C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
	<p><u>MMZ 1: 20-120m</u></p> <ul style="list-style-type: none"> <li>• New roads are not permitted except where there is no practical or feasible alternative, and the road, including the specific location, is identified and justified through the FMP AOC approval process. These restrictions do not apply to new single-lane roads constructed on clearly recognizable roadbeds that are currently dominated by vegetation that, if removed, would not significantly alter the suitability of the road or surrounding forest as potential ginseng habitat (i.e., dominant vegetation generally comprised of raspberries, other shrubs, and saplings &lt; 3 m tall). In all cases, new roads will be located in consultation with MNR and construction, maintenance, and use will be subject to MNR conditions that restrict traffic volume and road longevity or that otherwise minimize risk of adversely affecting ginseng plants, habitat suitability, or facilitating access by illegal harvesters. Winter roads will be used unless there is no practical or feasible alternative. Gaps associated with roads will be included in the estimation of canopy closure.</li> <li>• New landings are not permitted. Old landings that are clearly recognizable and that are currently dominated by vegetation that, if removed, would not significantly alter the suitability of the landing or surrounding forest as potential ginseng habitat (i.e., dominant vegetation generally comprised of raspberries, other shrubs, and saplings &lt; 3 m tall) may be reused subject to MNR conditions on construction and use that minimize the risk of adversely affecting ginseng plant or habitat suitability. The footprint of the landing will not be increased. In the absence of reusable landings, wood may be piled and processed on road rights-of-way (if consistent with MNR conditions on corridor width and worker and public safety considerations). Gaps associated with landings will be included in the estimation of canopy closure.</li> <li>• All roads within the AOC will be decommissioned or otherwise subject to access control measures following operations to minimize access by collectors except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process</li> </ul>	No	No
	<p><b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b></p> <ul style="list-style-type: none"> <li>• New aggregate pits (including expansion of existing pits, unless approved by MNR) are not permitted within the AOC.</li> </ul>		Exception  No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

AGS: Small patch of American ginseng (confidential value)

AGS	Group AOC	Description of Value		
	Yes	Small Patch of <20 American ginseng plants and habitat within a 30 m radius of the periphery of the patch or as otherwise defined by an ESA habitat description or habitat regulation. Direction applies to patches known before, or found during, operations.		
<b>A. Operational Prescriptions for Areas of Concern</b>				
<b>Operational Prescription</b>				
AOC consists of a Reserve only. AOC distances are measured from the edge of the delineated patch. Delineated habitat comprises the AOC.				
<b>Conditions on Harvest, Renewal and Tending</b>				
<u>Reserve: Delineated Patch &amp; 0–30 m from patch edge</u>				
<ul style="list-style-type: none"> <li>No harvest, renewal and tending operations are permitted.</li> <li>Trees will not be felled into this area. Trees accidentally felled into this area will be left where they fall.</li> </ul>				
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
See part C below.				
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
<u>Reserve: 0-30 m</u>				
<ul style="list-style-type: none"> <li>New roads (including widening and reconstruction of existing roads) and landings are not permitted, unless specifically approved by MNRF.</li> </ul>				
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>				
<ul style="list-style-type: none"> <li>New aggregate pits (including expansion of existing pits, unless approved by MNRF) are not permitted within the AOC.</li> </ul>				
		<b>Source</b>	<b>Exception</b>	
		Forest Management Guide for Conserving Biodiversity at the Stand & Site Scales. Page 106.	No	
		<b>Public Comment</b>	<b>Exception</b>	
		No	No	
		<b>Public Comment</b>	<b>Exception</b>	
		No	No	
		<b>Public Comment</b>	<b>Exception</b>	
		No	No	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

AKBO/SONS: American kestrel, boreal owl, eastern screech-owl, or northern saw-whet cavity nests

AKBO SONS	Group AOC	Description of Value				
	Yes	<b>Cavity nests occupied or suspected to be occupied by the American kestrel / boreal owl (AKBO), or eastern screech-owl / northern saw-whet (SONS):</b> <ul style="list-style-type: none"> <li>Direction applies to all nests known before or found during operations.</li> <li>Habituated nests may qualify for less restrictive prescriptions with written approval from the MNRF biologist.</li> </ul>				
<b>A. Operational Prescriptions for Areas of Concern</b>						
<b>Operational Prescription</b>						
<b>Operational Prescription</b>						
<b>Occupied and Unoccupied Cavity Nests:</b> <ul style="list-style-type: none"> <li>The nest tree will be retained as a wildlife tree.</li> <li>If the nest tree is a safety concern, it should be felled outside of the critical breeding season; or be retained in an unharvested residual patch with a 20 m radius (BMP).</li> </ul>						
<b>Occupied Cavity Nests:</b> <ul style="list-style-type: none"> <li>The AOC consists of two Modified Management Zones (MMZ). The AOC distances are measured from the nest tree. Total AOC radius = 25 m</li> </ul>						
<u>MMZ1: 0-10 m</u> <ul style="list-style-type: none"> <li>Moderate or high impact activities are NOT permitted;                             <ul style="list-style-type: none"> <li>- for AKBO from April 1 to July 31*</li> <li>- for SONS from March 15 to July 15*</li> </ul> </li> </ul>					Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 84-86	No
<u>MMZ2: 10-25 m</u> <ul style="list-style-type: none"> <li>High impact activities are NOT permitted.                             <ul style="list-style-type: none"> <li>- for AKBO from April 1 to July 31*</li> <li>- for SONS from March 15 to July 15*</li> </ul> </li> </ul>						
<i>* except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i>						
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>					<b>Public Comment</b>	<b>Exception</b>
See part C below.					No	No
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>					<b>Public Comment</b>	<b>Exception</b>
<ul style="list-style-type: none"> <li>Reasonable efforts will be made to avoid constructing new roads or landings within 20 m of an occupied or unoccupied cavity nest; MNRF will be notified of new roads or landings prior to work commencing.</li> </ul>						
<b>Occupied Cavity Nests:</b>						
<u>MMZ1: 0 - 10 m</u> <ul style="list-style-type: none"> <li>Moderate or high impact operations associated with roads and landings are NOT permitted;                             <ul style="list-style-type: none"> <li>- for AKBO from April 1 to July 31*</li> <li>- for SONS from March 15 to July 15*</li> </ul> </li> <li>If the road predates the nest, low potential impact road maintenance operations or hauling may occur with no timing restriction.</li> </ul>					No	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

AKBO SONS	C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
	<p><u>MMZ2: 10 - 25 m</u></p> <ul style="list-style-type: none"> <li>• High impact operations associated with roads and landings are NOT permitted;                             <ul style="list-style-type: none"> <li>- for AKBO from April 1 to July 31*</li> <li>- for SONS from March 15 to July 15*</li> </ul> </li> </ul> <p><i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p>	No	No
	D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
<ul style="list-style-type: none"> <li>• Reasonable efforts will be made to avoid constructing new aggregate pits within 20 m of an occupied or unoccupied cavity nest.</li> <li>• Occupied nests: Construction of new aggregate pits requires approval by MNRF if there are no feasible alternatives.</li> <li>• Unoccupied nests: Construction of aggregate pits requires notification to MNRF if there are no feasible alternatives.</li> </ul> <p><b>Occupied Cavity Nests:</b></p> <p><u>MMZ1: 0 - 10 m</u></p> <ul style="list-style-type: none"> <li>• High or moderate impact operations associated with aggregate pits are NOT permitted;                             <ul style="list-style-type: none"> <li>- for AKBO from April 1 to July 31*</li> <li>- for SONS from March 15 to July 15*</li> </ul> </li> </ul> <p><u>MMZ2: 10 - 25 m</u></p> <ul style="list-style-type: none"> <li>• High impact operations associated with aggregate pits are NOT permitted;                             <ul style="list-style-type: none"> <li>- for AKBO from April 1 to July 31*</li> <li>- for SONS from March 15 to July 15*</li> </ul> </li> </ul> <p><i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p>	No	No	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

BEP/BEA/BEI: Bald eagle nests and nesting habitat (confidential value)

<b>BEP BEA BEI</b>	<b>Group AOC</b>	<b>Description of Value</b>	
	Yes	<p><b>Bald Eagle nests and nesting habitat within 400 m</b></p> <ul style="list-style-type: none"> <li>Nests known or suspected to have been occupied at least once within the past 5 years (i.e., active nests), unless the nest and all associated nests within the nesting area have been documented as unoccupied for ≥3 consecutive years, in which case the nest is considered inactive. When ≥2 active nests occur in sufficiently close proximity to be considered part of the nesting area of an individual pair, the nest with the most recent known or suspected history of occupancy within this nesting area is the primary nest; the other active nest(s) is (are) considered alternate nests. When inventory data are insufficient to determine which nest in a nesting area has been most recently occupied, the nest in the best condition is considered the primary nest.</li> <li>Direction applies to all nests and/or roosts known before, or found during, operations.</li> <li>Habituated nests may qualify for less restrictive prescriptions with written approval from the MNRFB biologist.</li> </ul>	
<b>A. Operational Prescriptions for Areas of Concern</b>			
<b>Operational Prescription</b>		<b>Source</b>	<b>Exception</b>
<p>The appropriate prescription is selected based on whether the nest is primary, alternate, or inactive. AOC distances are measured from the nest tree. AOC consists of a Reserve and two Modified Management Zone (MMZ). Maximum total AOC radius = 400 m from nest tree.</p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><b><u>BEP -- Primary Nest AOC: 400 m</u></b></p> <p><u>Reserve: 0 - 100 m</u></p> <ul style="list-style-type: none"> <li>No harvest, renewal or tending operations are permitted.</li> </ul> <p><u>MMZ1: 100-200 m</u></p> <ul style="list-style-type: none"> <li>No medium or high potential impact operations are permitted from February 15 to August 15, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process</li> <li>Harvest that retains mature forest with ≥60% relatively uniform canopy closure (canopy openings not to exceed individual tree crowns) is permitted within 100-200 m of primary nests*; No harvest is permitted if initial canopy closure is &lt; 60%.</li> <li>Renewal and tending operations that will leave a residual stand structure with &lt;60% canopy closure (e.g. aerial herbicide application or mechanical site preparation) are not permitted; all other renewal and tending operations are permitted.</li> <li>Wildlife trees that may function as potential nest, perch, and roost sites will be retained preferentially and include: 1) supercanopy 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.</li> </ul> <p><u>MMZ2: 200 - 400 m</u></p> <ul style="list-style-type: none"> <li>No high potential impact operations are permitted from February 15 to August 15, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> <li>Regular harvest is permitted subject to residual pattern requirements*</li> <li>Wildlife trees that may function as potential nest, perch, and roost sites will be retained preferentially and include: 1) supercanopy 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.</li> </ul>		<p>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 64-67</p>	<p>No</p>



MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

<b>BEP BEA BEI</b>	<b>A. Operational Prescriptions for Areas of Concern</b>		
	<b>Operational Prescription</b>	<b>Source</b>	<b>Exception</b>
	<p><b><u>BEA -- Alternate Nest AOC: 200 m</u></b></p> <p><b><u>MMZ1: 0 - 100 m</u></b></p> <ul style="list-style-type: none"> <li>Harvest is not permitted.</li> <li>Renewal and tending operations that will leave a residual stand structure with &lt;60% (e.g., aerial herbicide application or mechanical site preparation) are not permitted; all other renewal and tending operations are permitted.</li> </ul> <p><b><u>MMZ2: 100 - 200 m</u></b></p> <ul style="list-style-type: none"> <li>Harvest that retains mature forest with canopy closure ≥60% relatively uniform canopy closure (canopy openings not to exceed individual tree crowns) is permitted*; No harvest is permitted if initial canopy closure is &lt;60%.</li> <li>Renewal and tending operations that reduce the over-storey canopy closure or remove old growth characteristics of the forest are not permitted.</li> <li>Renewal and tending operations that will leave a residual stand structure with &lt;60% are not permitted; all other renewal and tending operations are permitted.</li> </ul> <p><b><u>BEI -- Inactive Nest AOC: 100 m</u></b></p> <p><b><u>MMZ1: 0 - 20 m</u></b></p> <ul style="list-style-type: none"> <li>Harvest is not permitted.</li> <li>Renewal and tending operations that will leave a residual stand structure with canopy closure &lt;60% (e.g., aerial herbicide application or mechanical site preparation) are not permitted; all other renewal and tending operations are permitted.</li> </ul> <p><b><u>MMZ2: 20 - 100 m</u></b></p> <ul style="list-style-type: none"> <li>Harvest that retains mature forest with canopy closure ≥ 60% relatively uniform canopy closure (canopy openings not to exceed individual tree crowns) is permitted*; No harvest is permitted if initial canopy closure is &lt; 60%.</li> <li>Renewal and tending operations that will leave a residual stand structure with canopy closure &lt;60% (e.g., aerial herbicide application or mechanical site preparation) are not permitted; all other renewal and tending operations are permitted.</li> </ul> <p><i>*Harvest that retains relatively uniform canopy closure of ≥60% is generally restricted to commercial thinning, preparatory shelterwood harvest, or single tree selection harvest</i></p>	<p>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 64-67</p>	<p>No</p>
	<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
	See part C below.	No	No
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>	
<p><b>Primary Nests:</b></p> <p><b><u>Reserve (0-100m):</u></b></p> <ul style="list-style-type: none"> <li>New roads and landings are not permitted.</li> <li>No operations associated with roads and landings are permitted from February 15 to August 15 if nests are occupied*</li> </ul> <p>If the road predates the nest, low potential impact road maintenance operations or hauling may occur with no timing restriction.</p>	<p>No</p>	<p>No</p>	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

BEP BEA BEI	C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
	<p><u>MMZ1(100-200m):</u></p> <ul style="list-style-type: none"> <li>• New roads and landings are not permitted.</li> <li>• No high or moderate impact operations associated with roads and landings are permitted from February 15 to August 15 if nests are occupied*</li> </ul> <p><u>MMZ2(200-400m):</u></p> <ul style="list-style-type: none"> <li>• Reasonable efforts will be made to avoid constructing new roads and landings. Construction of new roads and landings may be approved by MNRF if there are no feasible alternatives. Approved new roads will be temporary roads when practical and feasible to limit future access and disturbance.</li> <li>• No high impact operations associated with roads and landings are permitted from February 15 to August 15 if nests are occupied*</li> </ul> <p><i>* unless required for safety reasons, environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p> <p><b>Alternate Nests:</b></p> <p><u>MMZ1 (0-100m) &amp; MMZ2 (100-200m):</u></p> <ul style="list-style-type: none"> <li>• New roads and landings are not permitted.</li> </ul> <p><b>Inactive Nests:</b></p> <p><u>MMZ1 (0-20m) &amp; MMZ2 (20-100m):</u></p> <ul style="list-style-type: none"> <li>• New roads and landings are not permitted.</li> </ul>	No	No
	<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Exception</b>
	<p><b>Primary Nests:</b></p> <p><u>Reserve (0-100m):</u></p> <ul style="list-style-type: none"> <li>• New aggregate pits are not permitted.</li> <li>• No operations associated with existing aggregate pits are permitted from February 15 to August 15 if nests are occupied*</li> </ul> <p><u>MMZ1(100-200m):</u></p> <ul style="list-style-type: none"> <li>• New aggregate pits are not permitted.</li> <li>• No high or moderate impact operations associated with existing aggregate pits are permitted from February 15 to August 15 if nests are occupied*</li> </ul> <p><u>MMZ2(200-400m):</u></p> <ul style="list-style-type: none"> <li>• Reasonable efforts will be made to avoid constructing new aggregate pits; Construction of new aggregate pits may be approved by MNRF if there are no feasible alternatives.</li> <li>• No high impact operations associated with roads and landings are permitted from February 15 to August 15 if nests are occupied*</li> </ul> <p><b>Alternate Nests:</b></p> <p><u>MMZ1 (0-100m) &amp; MMZ2 (100-200m):</u></p> <ul style="list-style-type: none"> <li>• New aggregate pits are not permitted.</li> </ul> <p><b>Inactive Nests:</b></p> <p><u>MMZ1 (0-20m) &amp; MMZ2 (20-100m):</u></p> <ul style="list-style-type: none"> <li>• New aggregate pits are not permitted.</li> </ul> <p><i>* unless required for safety reasons, environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process</i></p>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

BBD: Black bear dens

<b>BBD</b>	<b>Group AOC</b>	<b>Description of Value</b>		
	Yes	Dens known or suspected to contain one or more hibernating black bears.  (Direction applies to occupied dens known before, or found during, operations)		
	<b>A. Operational Prescriptions for Areas of Concern</b>			
	<b>Operational Prescription</b>		<b>Source</b>	<b>Exception</b>
	AOC consists of a Modified Management Zone (MMZ). AOC distances are measured from the den entrance. Total AOC radius = 100 m.		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 94-95	No
	<b>Conditions on Harvest, Renewal and Tending</b>			
	<u>MMZ: 0-100 m</u> <ul style="list-style-type: none"> <li>• No harvest, renewal or tending operations involving heavy equipment are permitted during the denning period from October 15 to April 30*</li> <li>• Other harvest, renewal, and tending operations that will not disturb denning bears are permitted during the first 4 weeks of the denning period from October 15 to November 12*</li> </ul> <p><i>*except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process</i></p>			
	<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
	See part C below.		No	No
	<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
<u>MMZ: 0-100 m:</u> <ul style="list-style-type: none"> <li>• Road construction is not permitted from October 15 to April 30*</li> <li>• Hauling and road maintenance operations are not permitted from October 15 to April 30, unless the road predates the den, or is required for safety reasons or environmental protection*</li> </ul> <p><i>*except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p>		No	No	
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Exception</b>	
<u>MMZ: 0-100m</u> <ul style="list-style-type: none"> <li>• Aggregate extraction is not permitted from October 15 to April 30, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> </ul>			No	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

BH: Bat Hibernacula (confidential value)

BH	Group AOC	Description of Value		
	Yes	<p><b>Bat Hibernacula:</b></p> <ul style="list-style-type: none"> <li>Hibernacula known to be suitable and to have been used at least once within the past 20 years by ≥50 little brown bats (<i>Myotis lucifugus</i>), ≥30 big brown bats (<i>Eptesicus fuscus</i>), ≥20 eastern pipistrelles (<i>Pipistrellus subflavus</i>), ≥20 northern long-eared / northern myotis bats (<i>Myotis septentrionalis</i>), or ≥1 eastern small-footed bat(s) (<i>Myotis leibii</i>), or as otherwise identified as significant by MNRF.</li> <li>Local knowledge about species using the hibernaculum and hibernation chronology may be used to adjust these dates.</li> <li>Direction applies to hibernacula known before or found during operations.</li> </ul>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		<b>Operational Prescription</b>	<b>Source</b>	<b>Exception</b>
		<p>AOC consists of a Reserve and a Modified Management Zone (MMZ). AOC distances are measured from the entrance of the hibernacula. Total AOC radius = 200 m.</p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><u>Reserve (0-100m):</u></p> <ul style="list-style-type: none"> <li>No harvest, renewal or tending operations are permitted.</li> </ul> <p><u>MMZ (100-200 m):</u></p> <ul style="list-style-type: none"> <li>No harvest, renewal and tending operations involving heavy equipment permitted from September 1 to May 30, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> <li>All harvest, renewal and tending operations must retain residual forest.</li> </ul>	<p>Forest Management Guide for Conserving Biodiversity at the Stand &amp; Site Scales Pages 98 - 100.</p> <p>This AOC includes species recently listed under the ESA in 2013-2014.</p>	No
		<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		See part C below.	No	No
		<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		<p><u>Reserve (0-100m):</u></p> <ul style="list-style-type: none"> <li>New roads and landings are not permitted.</li> <li>No hauling and road maintenance operations are permitted from September 1 to May 30 unless the road predates the hibernacula, is required for safety reasons or environmental protection*</li> </ul> <p><u>MMZ (100-200m):</u></p> <ul style="list-style-type: none"> <li>Reasonable efforts will be made to avoid constructing new roads and landings. Construction of new roads and landings may be approved by MNRF if there are no feasible alternatives.</li> <li>If road is approved, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance.</li> <li>No road construction is permitted from September 1 to May 30*</li> </ul> <p><i>*except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p>	No	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

<b>BH</b>	<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Exception</b>
	<p><u>Reserve (0-100m):</u></p> <ul style="list-style-type: none"><li>• New aggregate pits are not permitted.</li><li>• No aggregate extraction from existing pits is permitted from September 1 to May 30*</li></ul> <p><u>MMZ (100-200m):</u></p> <ul style="list-style-type: none"><li>• Reasonable efforts will be made to avoid constructing new aggregate pits. Construction of new aggregate pits may be approved by MNRF if there are no feasible alternatives</li><li>• No aggregate extraction from existing pits is permitted from September 1 to May 30*</li></ul> <p><i>*except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p>	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

BLT: Blanding’s turtle habitat (confidential value)

BLT	Group AOC	Description of Value		
	Yes	<p><b>Blanding’s Turtle Habitats:</b></p> <ul style="list-style-type: none"> <li>• Aquatic and terrestrial habitats within 2 km of individual Element Occurrence observation points or other reliable sightings from within the past 40 years.</li> <li>• Suitable aquatic habitat is defined as aquatic features that have a high potential to be used either during the active season (suitable summer habitat) or during hibernation (suitable winter habitat), as identified by MNRF based on field surveys or other reliable methods.</li> <li>• Direction applies to habitat identified by MNRF prior to or during operations.</li> </ul>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		<b>Operational Prescription</b>	<b>Source</b>	<b>Exception</b>
		<p>AOC consists of 3 Modified Management Zones (MMZ).</p> <ul style="list-style-type: none"> <li>• The 2 km zone applies from the edge of the delineated habitat (as described above).</li> <li>• A local protocol will be developed that describes how turtles will be protected from injury if encountered during operations (i.e. how they will be handled, temporarily held and/or relocated) in this area.</li> </ul> <p><b>Conditions on Harvest, Renewal and Tending</b>  <u>Within the inner 1 km zone, regular harvest, renewal and tending operations are permitted subject to the following restrictions:</u></p> <ul style="list-style-type: none"> <li>• Operations involving heavy equipment (i.e. mechanical harvesters, skidders, bulldozers) or otherwise representing a potential injury risk to turtles are not permitted in suitable winter habitat (any season).</li> <li>• No harvest, renewal, and tending operations are permitted that will result in damage to littoral zones or shorelines and associated stabilizing vegetation, or deposition of sediment. Operations specifically prohibited within the AOC include: <ul style="list-style-type: none"> <li>○ Machine travel within 3 m of suitable summer habitat.</li> <li>○ Felling of trees into or within 3 m of suitable summer habitat. Trees accidentally felled will be left where they fall, although portions of tree outside the 3m zone can be removed.</li> <li>○ Excessive removal or damage of sapling-sized trees (&lt;10 cm dbh) and shrubs within 3 m of suitable summer habitat.</li> <li>○ Disturbance of the forest floor that leaves ruts or a significant area of exposed mineral soil within 15 m of suitable summer habitat. Ruts and significant patches of exposed mineral soil will be promptly rehabilitated to prevent sediment from entering suitable summer habitat. Patches of mineral soil exposed by natural events are excluded.</li> <li>○ Disturbance of the forest floor that disrupts hydrological function (i.e. impedes, accelerates, or diverts water movement) within recognizable ephemeral streams, springs, seeps, and other areas of groundwater discharge connected to suitable summer habitat.</li> <li>○ No ruts permitted that channel water into, or within 15 m of, suitable summer habitat.</li> </ul> </li> </ul> <p><u>MMZ1 0-30 m (Suitable Summer Habitat) :</u></p> <ul style="list-style-type: none"> <li>• Operations involving heavy equipment (e.g., mechanical harvesters, skidders, bulldozers) or otherwise representing a potential injury risk to turtles are not permitted from April 15th to October 15th*.</li> </ul> <p><u>MMZ2 30-150 m (Suitable Summer Habitat) :</u></p> <ul style="list-style-type: none"> <li>• Operations involving heavy equipment (e.g., mechanical harvesters, skidders, bulldozers) or otherwise representing a potential injury risk to turtles are not permitted from May 1st to July 15th* and September 1st to September 30th*.</li> </ul> <p><u>MMZ3 150-300 m (Suitable Summer Habitat) :</u></p> <ul style="list-style-type: none"> <li>• Operations involving heavy equipment (e.g., mechanical harvesters, skidders, bulldozers) or otherwise representing a potential injury risk to turtles are not permitted from June 1st to June 30th*.</li> </ul> <p>* Timing restrictions may be adjusted to reflect annual variation in weather or other local factors with MNRF approval</p>	<p>Revised Direction for Blanding's turtle (i.e. 2016 Amendment to the Forest Management Guide for Conserving Biodiversity at the Stand &amp; Site Scales)</p>	<p>No</p>

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

BLT	B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
	See part C below.	No	No
	C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
	<p><u>Within the entire 2 km zone regular operations are permitted subject to the following restrictions:</u></p> <ul style="list-style-type: none"> <li>• Use of roads within entire AOC will be accompanied by a strategy to mitigate potential for traffic-related mortality of turtles if the road is used during the active season. Tactics may include:               <ul style="list-style-type: none"> <li>○ modifying driver behavior through use of warning signs</li> <li>○ reducing volume of traffic through use of access control measures such as gates or road decommissioning</li> <li>○ restricting speed through training, signage, or speed control devices</li> <li>○ other methods developed in consultation with MNRF.</li> </ul> </li> <li>• During the active season, use of roads within the entire AOC will be accompanied by driver awareness training.</li> <li>• Reasonable efforts will be made to ensure roads constructed will be located to avoid key habitat features (i.e., nesting sites, hibernacula, suspected travel corridors) and concentrations of turtle sightings as identified by MNRF.</li> </ul> <p><u>Within the inner 1 km zone, regular operations are permitted subject to the following restrictions:</u></p> <ul style="list-style-type: none"> <li>• Water drawdowns are not permitted in suitable aquatic habitat**</li> <li>• Reasonable efforts will be made to minimize access. New roads will be located in consultation with MNRF.</li> <li>• Reasonable efforts will be made to promptly decommission new roads or implement access control measures.</li> <li>• When new roads are constructed, reasonable efforts will be made to use winter roads and temporary water crossings.</li> <li>• New roads (including winter roads and approaches to water crossings) are not permitted within suitable winter habitat</li> </ul> <p><u>MMZ1 0-30 m (Suitable Summer Habitat):</u></p> <ul style="list-style-type: none"> <li>• New roads (including winter roads and approaches to water crossings) are not permitted (unless constructed using techniques that will avoid traffic-related mortality as specified by MNRF conditions). Road construction is not permitted from April 15th to October 15th*.</li> <li>• Road maintenance operations that disturb the roadbed (except those required for safety or environmental protection) are not permitted from June 1st to September 30th* except along road segments unlikely to be used for nesting as identified by MNRF or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> <li>• Hauling is not permitted from May 1st to July 15th* and September 1st to September 30th*, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process***</li> <li>• Dust control may be accomplished with the use of water only.</li> </ul>	No	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

BLT	C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
	<p><b>MMZ2:</b> 30-150 m (Suitable Summer Habitat)</p> <ul style="list-style-type: none"> <li>• Road construction is not permitted from May 1st to July 15th* and September 1st to September 30th*.</li> <li>• New all-weather roads are not permitted unless there is no practical or feasible alternative, and the road including the specific location is identified, and justified through the FMP AOC approval process. However, these restrictions do not apply to new all-weather single-lane roads constructed on clearly recognizable roadbeds that are dominated by vegetation no larger than shrubs and sapling-sized trees, unless in high risk locations as identified by MNRF.</li> <li>• In all cases, new all-weather roads will be subject to locally appropriate MNRF conditions that restrict traffic speed/volume and road longevity or that otherwise minimize the risk of traffic-related mortality.</li> <li>• Road maintenance operations that disturb the roadbed (except those required for safety or environmental protection) are not permitted from June 1st to September 30th* except along road segments unlikely to be used for nesting as identified by MNRF or in extraordinary circumstances, as specifically identified and justified through the FMP AOC approval process.</li> <li>• Hauling is not permitted from May 1st to July 15th* and September 1st to September 30th*, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process***</li> <li>• Dust control may be accomplished with the use of water only.</li> </ul> <p><b>MMZ3:</b> 150-300 m (Suitable Summer Habitat)</p> <ul style="list-style-type: none"> <li>• Reasonable efforts will be made to avoid constructing new all-weather roads.</li> <li>• Road construction is not permitted from June 1st - June 30th*.</li> <li>• Hauling is not permitted from June 1st - June 30th*, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process***</li> </ul> <p>* MNRF may use local knowledge to adjust these dates or other local factors</p> <p>** <i>Water drawdowns include operations that adversely affect the function of suitable aquatic habitat. These operations include operations that will result in permanent changes to water levels in suitable aquatic habitat, except where beaver activity has affected a water crossing and the resulting water levels are likely to create a safety or environmental concern, and the activity will not lower water level below that present before the beaver activity. Drawdowns affecting aquatic habitats should ideally occur in the summer months.</i></p> <p>*** <i>Unless otherwise specified, the restriction on hauling or other forestry-related traffic applies to operational roads and any other roads that are used primarily by the forest industry. For roads not used primarily by the forest industry (excluding municipal roads and provincial highways) the following mitigation measures must be implemented to operate during the restricted periods:</i></p> <ul style="list-style-type: none"> <li>• <i>Driver awareness training,</i></li> <li>• <i>Daily timing restrictions apply from June 1<sup>st</sup> - June 30<sup>th</sup>*(hauling is not permitted from 5:00 pm to 11:00 pm)</i></li> </ul>	No	No



MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

<b>BLT</b>	<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Exception</b>
	<p><u>MMZ1: 0-30 m (Suitable Summer Habitat)</u></p> <ul style="list-style-type: none"><li>• New aggregate pits are not permitted.</li><li>• Aggregate extraction is not permitted from April 15th - October 15th*.</li><li>• Dust control may be accomplished with the use of water only.</li></ul> <p><u>MMZ2 30-150 m (Suitable Summer Habitat):</u></p> <ul style="list-style-type: none"><li>• New aggregate pits are not permitted.</li><li>• Aggregate extraction is not permitted from May 1st to July 15th* and September 1st to September 30th*.</li><li>• Dust control may be accomplished with the use of water only.</li></ul> <p><u>MMZ3 150-300 m (Suitable Summer Habitat):</u></p> <ul style="list-style-type: none"><li>• Reasonable efforts will be made to avoid constructing new aggregate pits within 151-300 m of suitable summer habitat.</li><li>• Aggregate extraction is not permitted from June 1st - June 30th*.</li></ul> <p><i>* Timing restrictions may be adjusted to reflect annual variation in weather or other local factors with MNRF approval</i></p>	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

BLTn: Blanding’s turtle nesting sites (confidential value)

BLTn	Group AOC	Description of Value		
	Yes	Known or suspected <b>Blanding’s turtle</b> (natural / non-anthropogenic) nesting sites identified by MNRF prior to or during operations.		
<b>A. Operational Prescriptions for Areas of Concern</b>				
<b>Operational Prescription</b>				
<b>Source</b>				
<b>Exception</b>				
The AOC consists of a reserve, applied to the nesting site.		Revised Direction for Blanding's turtle (i.e. 2016 Amendment to the Forest Management Guide for Conserving Biodiversity at the Stand & Site Scales)		
<u>Reserve: Delineated Nesting Site plus 0 – 30 m</u> <ul style="list-style-type: none"> <li>Harvest, renewal, and tending operations are not permitted during the nesting and incubation periods (June 1 to October 31)*.</li> </ul> <p><i>* Timing restrictions may be adjusted to reflect annual variation in weather or other local factors with MNRF approval.</i></p>				
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
See part C below.		<b>Public Comment</b>		
<b>Exception</b>				
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
<u>Reserve: Delineated Nesting Habitat Feature plus 0-30 m (identified by MNRF)</u>		<b>Public Comment</b>		
<ul style="list-style-type: none"> <li>New roads (including winter roads and approaches to water crossings) are not permitted. Road construction is not permitted.</li> <li>New landings and the use of existing landings are not permitted.</li> </ul>				
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>				
<u>Reserve: Delineated Nesting Habitat Feature plus 0-30 m (identified by MNRF):</u>		<b>Public Comment</b>		
<ul style="list-style-type: none"> <li>No aggregate extraction is permitted.</li> </ul>				

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

BOC: Barred owl cavity nests

BOC	Group AOC	Description of Value		
	Yes	<p><b>Cavity nests occupied or previously occupied by the barred owl</b></p> <ul style="list-style-type: none"> <li>• Direction applies to all nests known before or found during operations.</li> <li>• Habituated nests may qualify for less restrictive prescriptions with written approval from the MNRF biologist.</li> </ul>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
<b>Operational Prescription</b>				
<b>Conditions on Harvest, Renewal and Tending</b>				
The nest tree will be retained in an unharvested residual patch (>20 m radius) for both occupied and unoccupied nests				
<b>Occupied Nests:</b>				
<ul style="list-style-type: none"> <li>• AOC consists of three Modified Management Zones (MMZ). The AOC distances are measured from the nest tree. Total AOC radius = 100 m</li> </ul>				
<ul style="list-style-type: none"> <li>• <u>MMZ1 (0-25m)</u>: • No harvest, renewal or tending operations are permitted from March 15 to July 15*</li> <li>• <u>MMZ2 (25-50m)</u>: • No moderate or high impact activities are permitted from March 15 to July 15*</li> <li>• <u>MMZ3 (50-100m)</u>: • No high impact activities are permitted from March 15 to July 15*</li> </ul>				
<i>*except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i>				
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
See part C below.				
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
New roads and landings are not permitted within 20 m of an occupied or unoccupied cavity nest.				
<b>If cavity nests are occupied the following applies from March 15 to July 15*:</b>				
<ul style="list-style-type: none"> <li>• <u>MMZ1 (0-25m)</u>: No operations associated with existing roads and landings are permitted. If the road predates the nest, low potential impact road maintenance operations or hauling may occur with no timing restriction;</li> <li>• <u>MMZ2 (25-50m)</u>: No high or moderate impact operations associated with roads and landings are permitted;</li> <li>• <u>MMZ3 (50-100m)</u>: No high impact operations associated with roads and landings are permitted;</li> </ul>				
<i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i>				
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>				
New aggregate pits are not permitted within 20 m of an occupied or unoccupied cavity nest.				
<b>If cavity nests are occupied, the following applies from March 15 to July 15*:</b>				
<ul style="list-style-type: none"> <li>• <u>MMZ1 (0-25m)</u>: No operations associated with existing aggregate pits are permitted;</li> <li>• <u>MMZ2 (25-50m)</u>: No high or moderate impact operations associated with aggregate pits are permitted;</li> <li>• <u>MMZ3 (50-100m)</u>: No high impact operations associated with aggregate pits are permitted;</li> </ul>				
<i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process</i>				
		<b>Operational Prescription</b>	<b>Source</b>	<b>Exception</b>
		<p><b>Conditions on Harvest, Renewal and Tending</b></p> <p>The nest tree will be retained in an unharvested residual patch (&gt;20 m radius) for both occupied and unoccupied nests</p> <p><b>Occupied Nests:</b></p> <ul style="list-style-type: none"> <li>• AOC consists of three Modified Management Zones (MMZ). The AOC distances are measured from the nest tree. Total AOC radius = 100 m</li> <li>• <u>MMZ1 (0-25m)</u>: • No harvest, renewal or tending operations are permitted from March 15 to July 15*</li> <li>• <u>MMZ2 (25-50m)</u>: • No moderate or high impact activities are permitted from March 15 to July 15*</li> <li>• <u>MMZ3 (50-100m)</u>: • No high impact activities are permitted from March 15 to July 15*</li> </ul> <p><i>*except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p>	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 84-87	No
		<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		See part C below.	No	No
		<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		<p>New roads and landings are not permitted within 20 m of an occupied or unoccupied cavity nest.</p> <p><b>If cavity nests are occupied the following applies from March 15 to July 15*:</b></p> <ul style="list-style-type: none"> <li>• <u>MMZ1 (0-25m)</u>: No operations associated with existing roads and landings are permitted. If the road predates the nest, low potential impact road maintenance operations or hauling may occur with no timing restriction;</li> <li>• <u>MMZ2 (25-50m)</u>: No high or moderate impact operations associated with roads and landings are permitted;</li> <li>• <u>MMZ3 (50-100m)</u>: No high impact operations associated with roads and landings are permitted;</li> </ul> <p><i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p>	No	No
		<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Exception</b>
		<p>New aggregate pits are not permitted within 20 m of an occupied or unoccupied cavity nest.</p> <p><b>If cavity nests are occupied, the following applies from March 15 to July 15*:</b></p> <ul style="list-style-type: none"> <li>• <u>MMZ1 (0-25m)</u>: No operations associated with existing aggregate pits are permitted;</li> <li>• <u>MMZ2 (25-50m)</u>: No high or moderate impact operations associated with aggregate pits are permitted;</li> <li>• <u>MMZ3 (50-100m)</u>: No high impact operations associated with aggregate pits are permitted;</li> </ul> <p><i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process</i></p>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

BOS: Barred owl stick nests

<b>BOS</b>	<b>Group AOC</b>	<b>Description of Value</b>		
	Yes	<p><b>Stick nests occupied or previously occupied by the barred owl</b></p> <ul style="list-style-type: none"> <li>• Direction applies to all nests known before or found during operations.</li> <li>• Habituated nests may qualify for less restrictive prescriptions with written approval from the MNRFB biologist.</li> </ul>		
	<b>A. Operational Prescriptions for Areas of Concern</b>			
	<b>Operational Prescription</b>		<b>Source</b>	<b>Exception</b>
	<p><b>Conditions on Harvest, Renewal and Tending</b> If the nest is occupied or unoccupied, the tree must be retained in an unharvested residual patch (&gt;20 m radius) if the nest is in good repair. Otherwise the nest tree will be retained as a wildlife tree.</p> <p><b>Occupied Nests:</b></p> <ul style="list-style-type: none"> <li>• AOC consists of three Modified Management Zones (MMZ). The AOC distances are measured from the nest tree. Total AOC radius = 200 m.</li> <li><u>MMZ1 (0-50m)</u>: • No harvest, renewal or tending operations are permitted from March 15 to July 15*</li> <li><u>MMZ2 (50-100m)</u>: • No moderate or high impact operations are permitted from March 15 to July 15*</li> <li><u>MMZ3 (100-200m)</u>: • No high impact operations are permitted from March 15 to July 15*</li> </ul> <p><i>*except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p>		<p>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 82-84</p>	<p>No</p>
	<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
	See part C below.		No	No
	<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
	<p>New roads and landings will not be constructed within 20 m of occupied and unoccupied nests.</p> <p>If nests are occupied, the following applies from March 15 to July 15*:</p> <ul style="list-style-type: none"> <li><u>MMZ1 (0-50m)</u>: No operations associated with roads and landings are permitted. If the road predates the nest, low potential impact road maintenance operations or hauling may occur with no timing restriction;</li> <li><u>MMZ2 (50-100m)</u>: No high or moderate impact operations associated with roads and landings are permitted;</li> <li><u>MMZ3 (100-200m)</u>: No high impact operations associated with roads and landings are permitted;</li> </ul> <p><i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p>		<p>No</p>	<p>No</p>
	<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Exception</b>
<p>New aggregate pits are not permitted within 20 m of occupied and unoccupied nests.</p> <p>If nests are occupied, the following applies from March 15 to July 15*:</p> <ul style="list-style-type: none"> <li><u>MMZ1 (0-50m)</u>: No operations associated with aggregate pits are permitted;</li> <li><u>MMZ2 (50-100m)</u>: No high or moderate impact operations associated with aggregate pits are permitted;</li> <li><u>MMZ3 (100-200m)</u>: No high impact operations associated with aggregate pits are permitted;</li> </ul> <p><i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process</i></p>			<p>No</p>	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

BP: Beaver ponds and meadows

BP	Group AOC	Description of Value		
	Yes	Beaver ponds and beaver meadows identified by MNRF, forest company or local trappers that require special management to regenerate food supply.		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		<p>This AOC is a Modified Management Zone that applies additional management considerations for beaver habitat consistent with the appropriate aquatic feature AOC (e.g. HPP, MPP).</p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <ul style="list-style-type: none"> <li>• Harvest, renewal, and tending operations within the AOC should promote establishment or perpetuation of intolerant hardwood or mixedwood forest units (as outlined below), to the extent practical and feasible, unless inconsistent with other ecological objectives.</li> </ul> <p><u>For clearcut forest units:</u></p> <ul style="list-style-type: none"> <li>• In the AOC, as much of the shoreline forest will be clearcut to the edge of water as is practical and feasible, considering residual forest requirements in Section 4.2.2.2.</li> <li>• Ideally, clearcut portions of the AOC should be <ul style="list-style-type: none"> <li>- 200 m long and within 50 m of water</li> <li>- on low slopes, and</li> <li>- contain &gt; 10% poplar (or other intolerant hardwoods) in the overstory and limited conifer advanced regeneration in the understory.</li> </ul> </li> <li>• Conifer advanced regeneration (especially balsam fir) should be removed to the extent practical and feasible.</li> <li>• Use of prescribed fire should be considered.</li> </ul> <p><u>For selection and shelterwood forest units:</u></p> <ul style="list-style-type: none"> <li>• In the AOC, small clearcuts or large group openings in patches of intolerant hardwood, mixedwood, other conifer, or poor-quality pine or hardwood shoreline forest will be created whenever practical and feasible, considering residual forest requirements in Section 4.2.2.2.</li> <li>• Openings should be &gt; 0.1 ha in size (ideally &gt; 0.2 ha) and within 50 m of the pond.</li> </ul>	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 90-91	No
		B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
		See part C below.	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"> <li>• Standards and guidelines for the aquatic features associated with beaver ponds/meadows apply (e.g. PSW, HPP, MPP, LPP)</li> </ul>	No	No
		D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use		Exception
		<ul style="list-style-type: none"> <li>• Standards and guidelines for the aquatic features associated with beaver ponds/meadows apply (e.g. PSW, HPP, MPP, LPP)</li> </ul>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

BS: Bank swallow colonies

BS	Group AOC	Description of Value		
	Yes	Colonies known or suspected to have been occupied by ≥100 bank swallow once within the past 5 years (unless documented as unoccupied for >=3 consecutive years).  (Direction applies to all nests occupied before or found during operations.)		
<b>A. Operational Prescriptions for Areas of Concern</b>				
<b>Operational Prescription</b>				
AOC consists of three Modified Management Zones (MMZ). The AOC distances are measured from the peripheral nests. Total AOC radius = 50 m.				
<b>Conditions on Harvest, Renewal and Tending</b>				
<u>MMZ1 (0-10 m):</u>				
<ul style="list-style-type: none"> <li>No harvest, renewal or tending operations are permitted from May 1 to July 31 if colony is occupied*</li> </ul>				
<u>MMZ2 (10-25 m):</u>				
<ul style="list-style-type: none"> <li>No moderate or high impact operations are permitted from May 1 to July 31 if colony is occupied*</li> </ul>				
<u>MMZ3 (25-50 m):</u>				
<ul style="list-style-type: none"> <li>No high impact operations are permitted from May 1 to July 31 if colony is occupied*</li> </ul>				
<i>*except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i>				
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
See part C below.				
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
<u>MMZ1 (0-10m):</u>				
<ul style="list-style-type: none"> <li>No new roads and landings are permitted.</li> <li>No operations associated with existing roads or landings are permitted from May 1 to July 31*</li> <li>Hauling or low potential impact road maintenance operations (e.g. grading) are permitted if the road predates the colony.</li> </ul>				
<u>MMZ2 (10-25m):</u>				
<ul style="list-style-type: none"> <li>No new roads and landings are permitted.</li> <li>No high or moderate impact operations associated with roads and landings are permitted from May 1 to July 31*</li> </ul>				
<u>MMZ3 (25-50m):</u>				
<ul style="list-style-type: none"> <li>No new roads and landings are permitted.</li> <li>No high impact operations associated with roads and landings are permitted from May 1 to July 31*</li> </ul>				
<i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i>				
			<b>Source</b>	<b>Exception</b>
			Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 76-77 and Planning Team as this species was listed under ESA as Threatened in 2014.	No
			<b>Public Comment</b>	<b>Exception</b>
			No	No
			<b>Public Comment</b>	<b>Exception</b>
			No	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

BS	D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use	Exception
	<p><u>MMZ1 (0-10m):</u></p> <ul style="list-style-type: none"><li>• No operations associated with aggregate pits is permitted*</li></ul> <p><u>MMZ2 (10-25m):</u></p> <ul style="list-style-type: none"><li>• No high or moderate impact operations associated with aggregate pits is permitted from May 1 to July 31*</li></ul> <p><u>MMZ3 (25-50m):</u></p> <ul style="list-style-type: none"><li>• No high impact operations associated with aggregate pits is permitted from May 1 to July 31*</li></ul> <p><i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p>	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

BWH/COH/GHS/LEOW/RTH/UNK: Broad-winged hawk, Cooper’s hawk, great horned owl, long-eared owl, red-tailed hawk or unknown stick nests

<b>BWH, COH, GHS, LEOW &amp; RTH UNKL UNKS</b>	<b>Group AOC</b>	<b>Description of Value</b>		
	Yes	<ul style="list-style-type: none"> <li>• Stick nests known or suspected to be occupied by the Broad-winged hawk, Cooper's hawk, great horned owl, long-eared owl, or red-tailed hawk</li> <li>• Unoccupied nests built by an unknown species but unlikely to have been built by the northern goshawk or red-shouldered hawk                             <ul style="list-style-type: none"> <li>○ Unknown small stick nests (&lt;75 cm diameter)</li> <li>○ Unknown large stick nests (&gt;75 cm diameter)</li> </ul> </li> <li>• Direction applies to all nests known before or found during operations.</li> <li>• Habituated nests may qualify for less restrictive prescriptions with written approval from the MNRF biologist.</li> </ul>		
	<b>A. Operational Prescriptions for Areas of Concern</b>			
	<b>Operational Prescription</b>		<b>Source</b>	<b>Exception</b>
	<p><b>Occupied and Unoccupied Nests:</b></p> <ul style="list-style-type: none"> <li>• <u>BWH and small unknown (UNKS) stick nests</u>: retain tree as wildlife tree if the nest is in good repair or the nest tree contains a good fork.</li> <li>• <u>COH, GHS, LEOW, RTH, and large unknown (UNKL) stick nest trees</u> will be retained in an unharvested residual patch (≥20m radius) if the nest is in good repair (may be counted as residual forest). Otherwise the nest tree will be retained as wildlife tree.</li> <li>• If the nest tree is a safety concern, it should be felled outside of the critical breeding season.</li> </ul> <p><b>Occupied Nests:</b> AOC consists of three Modified Management Zones (MMZ). The AOC distances are measured from the nest tree. Total AOC radius = 100 m.</p> <p>The following prescription applies based on species-specific critical breeding periods: GHS → February 1 to May 31* LEOW, RTH → March 15 to July 15* BWH, COH → April 1 to July 31*</p> <p><u>MMZ1 (0-25m):</u></p> <ul style="list-style-type: none"> <li>• No harvest, renewal or tending operations are permitted during critical breeding period</li> </ul> <p><u>MMZ2 (25-50m):</u></p> <ul style="list-style-type: none"> <li>• No moderate or high impact operations are permitted during critical breeding period</li> </ul> <p><u>MMZ3 (50-100m):</u></p> <ul style="list-style-type: none"> <li>• No high impact operations are permitted during critical breeding period</li> </ul> <p><i>*except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p>		<p>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 82-84, Glossary pages 207-208.</p>	<p>No</p>
	<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
See part C below.		No	No	



MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

BWH, COH, GHS, LEOW & RTH UNKL UNKS	C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
	<ul style="list-style-type: none"> <li>COH, GHS, LEOW, RTH, and large unknown (UNKL) stick nests: New roads and landings are not permitted within 20 m of <u>occupied and unoccupied</u> nests</li> <li>BWH and small unknown (UNKS) stick nests: Reasonable efforts will be made to avoid constructing new roads and landings within 20 m of nests. Construction of new roads and landings within 20 m of occupied nests may be approved by MNRF if there are no feasible alternatives; notification required for unoccupied nests</li> </ul> <p>If nests are <u>occupied</u>, the following prescription applies based on species-specific critical breeding periods:                      GHS → February 1 to May 31*                      LEOW, RTH → March 15 to July 15*                      BWH, COH → April 1 to July 31*</p> <p><u>MMZ1 (0-25m):</u></p> <ul style="list-style-type: none"> <li>No operations associated with roads and landings are permitted during critical breeding period. If the road predates the nest, low potential impact road maintenance operations or hauling may occur with no timing restriction;</li> </ul> <p><u>MMZ2 (25-50m):</u></p> <ul style="list-style-type: none"> <li>No high or moderate impact operations associated with roads and landings are permitted during critical breeding period;</li> </ul> <p><u>MMZ3 (50-100m):</u></p> <ul style="list-style-type: none"> <li>No high impact operations associated with roads and landings are permitted during critical breeding period.</li> </ul> <p><i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p>	No	No
	D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use		Exception
<ul style="list-style-type: none"> <li>COHA, GHS, LEOW, RTHA and unknown large (UNKL) stick nests: New aggregate pits are not permitted within 20 m of <u>occupied and unoccupied</u> nests</li> <li>BWHA and unknown small (UNKS) stick nests: Reasonable efforts will be made to avoid constructing new aggregate pits within 20 m of nest; Construction of new aggregate pits within 20 m of occupied nests may be approved by MNRF if there are no feasible alternatives; notification required for unoccupied nests</li> </ul> <p>If nests are <u>occupied</u>, the following prescription applies based on species-specific critical breeding periods:                      GHC → February 1 to May 31*                      LEOW, RTH → March 15 to July 15*                      BWH, COH → April 1 to July 31*</p> <p><u>MMZ1 (0-25m):</u></p> <ul style="list-style-type: none"> <li>No operations associated with aggregate pits are permitted during critical breeding period;</li> </ul> <p><u>MMZ2 (25-50m):</u></p> <ul style="list-style-type: none"> <li>No high or moderate impact operations associated with aggregate pits are permitted during critical breeding period.</li> </ul> <p><u>MMZ3 (50-100m):</u></p> <ul style="list-style-type: none"> <li>No high impact operations associated with aggregate pits are permitted during critical breeding period.</li> </ul> <p><i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p>		No	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

CEWA: Cerulean warbler habitat

CEWA	Group AOC	Description of Value		
	Yes	Suitable habitat occupied by breeding <b>cerulean warblers</b> within the past 10 years defined by either: <ul style="list-style-type: none"> <li>• suitable habitat occupied by breeding birds as delineated through field survey,</li> <li>• a 10 ha patch of suitable habitat associated with individual Element of Occurrence observation points or other reliable sightings associated with breeding activity, or</li> <li>• as otherwise defined by an ESA habitat description or habitat regulation.</li> </ul> (Direction applies to suitable breeding habitat delineated by MNRF prior to, or during, operations.)		
<b>A. Operational Prescriptions for Areas of Concern</b>				
<b>Operational Prescription</b>				
AOC consists of a Modified Management Zone (MMZ). Delineated habitat polygon comprises the AOC. <p><b>Conditions on Harvest, Renewal and Tending:</b>  <u>MMZ: delineated habitat polygon</u></p> <ul style="list-style-type: none"> <li>• Harvest, renewal, and tending operations are not permitted from May 1 to July 31, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> <li>• Harvest, renewal and tending operations must maintain residual stand structure for old growth hardwood forest.</li> <li>• Operations that change the development stage are not permitted.</li> <li>• Harvest will be completed using single tree selection only and will not create canopy openings that exceed individual tree crowns.</li> <li>• The over-story canopy closure will be kept <math>\geq 70\%</math> using dominant or co-dominant trees. If the pre-harvest stand condition has a canopy closure <math>&lt;70\%</math> No harvest is permitted.</li> <li>• Old growth characteristics will be retained in 10 ha of forest by retaining a residual stand structure of approximately 5-5-5 m<sup>2</sup>/ha<sup>1</sup> for poles, small logs, medium logs, and large logs, whenever possible.</li> </ul> <sup>1</sup> Tree Marking Guide, page 100				
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
See part C below.				
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
<u>MMZ (delineated habitat):</u> <ul style="list-style-type: none"> <li>• Reasonable efforts will be made to avoid constructing new roads and landings within the AOC, especially if the AOC is small (&lt;10 ha).</li> <li>• Road construction is not permitted within the AOC from May 1 to July 31 except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> </ul>				
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>				
<u>MMZ (delineated habitat):</u> <ul style="list-style-type: none"> <li>• New aggregate pits are not permitted within the AOC.</li> <li>• Aggregate extraction within existing pits is not permitted within the AOC during May 1 to July 31 except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> </ul>				

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

CHSW: Chimney swift nesting and roosting sites

CHSW	Group AOC	Description of Value		
	Yes	<b>Chimney Swift nesting and/or roosting sites:</b> <ul style="list-style-type: none"> <li>known or suspected to have been occupied at least once within the past 10 years,</li> <li>or as otherwise defined by an ESA habitat description or habitat regulation.</li> <li>Direction applies to all nests and/or roosts known before, or found during, operations.</li> </ul>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		<b>Unoccupied and Occupied Nests:</b> •The nest/roost trees will be retained in an unharvested residual patch (>20 m radius)  <b>Occupied Nests:</b> AOC consists of a Reserve and a Modified Management Zone (MMZ). Total AOC is 50 m radius centered on the nest or roost tree.  <u>Reserve (0-20m):</u> • Renewal and tending activities are not permitted from May 1 – September 30*  <u>MMZ1 (20-50m):</u> • High and moderate impact harvest, renewal, and tending operations are not permitted from May 1 - September 30*  <i>*except in extraordinary circumstances as identified and justified through the FMP AOC approval process</i>	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 84-87  General Habitat Protection as per regulation under Endangered Species Act May 2019	No
		<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		See part C below.	No	No
		<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		• New roads and landings will not be constructed within 20 m of occupied or unoccupied nests/roosts  <b>Occupied Nests:</b> <u>Reserve (0-20m):</u> • New roads and landings are not permitted. • Operations associated with roads and landings are not permitted from May 1 to September 30 if nests/roosts are occupied*.  <u>MMZ1 (20-50m):</u> • Operations associated with roads and landings are not permitted from May 1 to September 30 if nests/roosts are occupied*  <i>*except in extraordinary circumstances as identified and justified through the FMP AOC approval process</i>	No	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

CHSW	D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use	Exception
	<ul style="list-style-type: none"><li>• New aggregate pits will not be constructed within 20 m of occupied or unoccupied nests/roosts</li></ul> <p><b>Occupied Nests:</b></p> <p><u>Reserve (0-20m):</u></p> <ul style="list-style-type: none"><li>• New aggregate pits are not permitted</li><li>• Operations associated with aggregate pits are not permitted from May 1 to September 30 if nests/roosts are occupied*</li></ul> <p><u>MMZ1 (20-50m):</u></p> <ul style="list-style-type: none"><li>• Operations associated with aggregate pits are not permitted from May 1 to September 30 if nests/roosts are occupied*</li></ul> <p><i>*except in extraordinary circumstances as identified and justified through the FMP AOC approval process</i></p>	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

CONI: Common Nighthawk nesting territories

CONI	Group AOC	Description of Value		
	Yes	<p><b>Common Nighthawk Nesting Territories</b> known or suspected to be occupied at least once within the past 10 years as defined by either:</p> <ul style="list-style-type: none"> <li>• suitable habitat occupied by breeding birds as delineated through field survey,</li> <li>• a 30 ha patch of suitable habitat associated with individual Element Occurrence observation points or other reliable sightings associated with breeding activity, or</li> <li>• as otherwise defined by an ESA habitat description or habitat regulation.</li> </ul> <p>(Direction applies to suitable habitat delineated by MNRF prior to, or during, operations.)</p>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		<b>Operational Prescription</b>	<b>Source</b>	<b>Exception</b>
		<p>AOC consists of a Modified Management Zone (MMZ). Delineated habitat polygon (309 m circular or irregular 30 ha patch) comprises the AOC.</p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><u>MMZ (309 m circular or irregular 30 ha patch):</u></p> <ul style="list-style-type: none"> <li>• Harvest, renewal, and tending operations are not permitted from May 15 to September 15, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> </ul>	<p>AOC carried forward from 2011 FMP developed in response to listing of Common Nighthawk as Threatened under SARA. COSEWIC Report 2007 Refer to AOC Supp. Doc. H in 2011 FMP</p>	No
		<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		See part C below.	No	No
		<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		<p><u>MMZ (delineated polygon):</u></p> <ul style="list-style-type: none"> <li>• No new roads or landings unless it is approved by MNRF.</li> <li>• Reasonable efforts will be made to avoid constructing new roads and landings, especially if the AOC is small (&lt;10 ha).</li> <li>• Road construction or use and maintenance of existing roads is not permitted from May 15 to September 15.</li> <li>• Maintenance of existing roads is not permitted from May 15 to September 15, unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> </ul>	No	No
		<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Exception</b>
		<p><u>MMZ (delineated polygon):</u></p> <ul style="list-style-type: none"> <li>• New aggregate pits are not permitted within the AOC.</li> <li>• Operations associated with existing aggregate pits are not permitted from May 1 to September 15, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> </ul>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

CORA: Common raven

CORA	Group AOC	Description of Value		
	Yes	<b>Stick nests occupied or previously occupied by the common raven</b> <ul style="list-style-type: none"> <li>• Direction applies to all nests known before or found during operations.</li> <li>• Habituated nests may qualify for less restrictive prescriptions with written approval from the MNRF biologist)</li> </ul>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		<b>Occupied and Unoccupied Nests:</b> <ul style="list-style-type: none"> <li>•The nest tree will be retained in an unharvested residual patch (&gt;20 m) if the nest is in good repair, otherwise the nest tree will be retained as a wildlife tree</li> </ul> <b>Occupied Nests:</b> AOC consists of three Modified Management Zones (MMZ). Total AOC is 50 m centered on the nest tree. <ul style="list-style-type: none"> <li><u>MMZ1 (0-10m)</u>: • No harvest, renewal or tending operations are permitted from February 15 to June 15*</li> <li><u>MMZ2 (10-25m)</u>: • No moderate or high impact operations are permitted from February 15 to June 15*</li> <li><u>MMZ3 (25-50m)</u>: • No high impact operations are permitted from February 15 to June 15*</li> </ul> <i>*except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i>	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 82-83. Glossary pages 207-208.	No
		<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		See part C below.	No	No
		<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		New roads and landings will not be constructed within 20 m of occupied and unoccupied nests  If nests are occupied, the following applies from February 15 to June 15*: <ul style="list-style-type: none"> <li><u>MMZ1(0-10m)</u>: No operations associated with roads and landings are permitted. If the road predates the nest, low potential impact road maintenance operations or hauling may occur with no timing restriction;</li> <li><u>MMZ2(10-25m)</u>: No high or moderate impact operations associated with existing roads and landings are permitted;</li> <li><u>MMZ3(25-50m)</u>: No high impact operations associated with roads and landings are permitted;</li> </ul> <i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i>	No	No
		<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Exception</b>
		New aggregate pits are not permitted within 20 m of occupied and unoccupied nests.  If nests are occupied, the following applies from February 15 to June 15*: <ul style="list-style-type: none"> <li><u>MMZ1(0-10m)</u>: No operations associated with aggregate pits are permitted;</li> <li><u>MMZ2(10-25m)</u>: No high or moderate impact operations associated with existing aggregate pits are permitted;</li> <li><u>MMZ3(25-50m)</u>: No high impact operations associated with aggregate pits are permitted;</li> </ul> <i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

EHM: Snake Oviposition or Gestation Sites (confidential values)

EHM	Group AOC	Description of Value			
	Yes	Suitable known gestation or oviposition sites used by the eastern hog-nosed snake, eastern ribbonsnake or milksnake at least once within the past 5 years and habitat within a 30 m radius or as otherwise defined by an ESA habitat description or habitat regulation. (Direction applies to sites identified prior to, or during, operations.)			
<b>A. Operational Prescriptions for Areas of Concern</b>					
<b>Operational Prescription</b>				<b>Source</b>	<b>Exception</b>
AOC consists of a Reserve. Delineated habitat comprises the AOC reserve.  <b>Conditions on Harvest, Renewal and Tending</b>  <u>Reserve (0-30m):</u> <ul style="list-style-type: none"> <li>Harvest, renewal and tending operations are not permitted.</li> </ul>				Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 115-116.	No
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				<b>Public Comment</b>	<b>Exception</b>
See part C below.				No	No
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				<b>Public Comment</b>	<b>Exception</b>
<u>Reserve (0-30m):</u> <ul style="list-style-type: none"> <li>New roads and landings are not permitted</li> <li>Hauling and road maintenance operations (except when required for safety reasons or environmental protection) on existing roads are not permitted from June 1 to October 15, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> </ul>				No	No
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>					
<u>Reserve (0-30m):</u> <ul style="list-style-type: none"> <li>New aggregate pits are not permitted.</li> <li>Aggregate extraction from existing pits is not permitted from June 1 to October 15 unless approved by MNRF.</li> </ul>					No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

FJ: Flooded jellyskin habitat

FJ	Group AOC	Description of Value				
	Yes	Suitable aquatic and terrestrial habitats associated with occurrences of the flooded jellyskin – within the past 20 years, defined as: <ul style="list-style-type: none"> <li>a polygon encompassing 1 or more woodland pools known to support the flooded jellyskin, other woodland pools that may provide future suitable habitat, and associated terrestrial habitat that influences the suitability of occupied woodland pools, as delineated by MNRF through field survey.</li> </ul> (Direction applies to habitat identified by MNRF prior to, or found during, operations.)				
<b>A. Operational Prescriptions for Areas of Concern</b>						
<b>Operational Prescription</b>						
<p>AOC consists of a Reserve and Modified Management Zone (MMZ). Delineated habitat comprises the AOC. AOC distances are measured from the high-water mark of the woodland pools known to support the flooded jellyskin. Conditions for Important Ecological Features (Section 4.2.2.2) that refer to woodland pools also apply.</p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><u>Reserve: (Woodland Pool containing Flooded jellyskin) High-water mark – 30 m</u></p> <ul style="list-style-type: none"> <li>No operations are permitted.</li> <li>Trees will not be felled into this area.</li> </ul> <p><u>MMZ: (Woodland Pools with surface area <math>\geq 200\text{m}^2</math> within the AOC) High-water mark - 15m</u></p> <ul style="list-style-type: none"> <li>All trees will be retained in and within 3 m of the pools.</li> <li>Residual forest will be retained within 15 m of the pools.</li> <li>All conditions stated in Conditions for Important Ecological Features (Section 4.2.2.2) that refer to woodland pools apply.</li> </ul>					OMNR 2010. Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales. Pages 103-104.	No
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>						
See part C below.						
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>						
<p><u>Reserve (Woodland pool containing Flooded Jellyskin) Highwater mark - 30m</u></p> <ul style="list-style-type: none"> <li>New roads and landings are not permitted.</li> </ul> <p><u>MMZ: (Woodland Pools with a surface area <math>\geq 200\text{m}^2</math> within the AOC) High-water mark - 15m</u></p> <ul style="list-style-type: none"> <li>All trees will be retained within 3 m of the pools.</li> <li>Residual forest will be retained within 15 m of the pools</li> <li>No landings are permitted within 15 m of the high-water mark of pools.</li> <li>All conditions stated in Conditions for Important Ecological Features (Section 4.2.2.2) that refer to woodland pools apply.</li> </ul> <p><b>Additional Information</b></p> <p>New all-weather roads are not permitted within the AOC unless there is no practical and feasible alternative and the road, including specific location is identified, and justified through the FMP AOC approval process.</p>					No	No



MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

	<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Exception</b>
<b>FJ</b>	<p><u>Reserve (Woodland pool containing Flooded Jellyskin) Highwater mark – 30m</u> • New aggregate pits are not permitted within 30 m of the AOC.</p> <p><u>MMZ: (Woodland Pools with a surface area <math>\geq 200\text{m}^2</math> within the AOC) High-water mark - 15m</u> Aggregate pits are not permitted within 15 m of the high-water mark of pools.</p> <p><b><u>Additional Information</u></b> New aggregate pits are not permitted within the AOC unless there is no practical and feasible alternative and the pit, including specific location is identified, and justified through the FMP AOC approval process.</p>	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

FLSK: Five lined skink (confidential value)

FLSK	Group AOC	Description of Value		
	No	Suitable habitat associated with occurrences of Five-lined Skink at least once within the past 20 years as defined by either: <ul style="list-style-type: none"> <li>• suitable habitat occupied by skinks as delineated through field survey,</li> <li>• a 5 ha patch of suitable habitat associated with individual Element of Occurrence observation points or other reliable sightings, or</li> <li>• as otherwise defined by an ESA habitat description or habitat regulation.</li> </ul> (Direction applies to suitable habitat delineated by MNRF prior to, or during, operations.)		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		AOC consists of a Reserve only. Delineated habitat polygon comprises the AOC.  <b>Conditions on Harvest, Renewal and Tending</b>  Reserve (delineated habitat polygon): <ul style="list-style-type: none"> <li>• Harvest, renewal, and tending operations are not permitted.</li> </ul>	Planning Team use of the COSEWIC report 2007.  See FMP 2011 AOC Supplementary Document H for additional information	No
		<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		See part C below.	No	No
		<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		Reserve (delineated polygon): <ul style="list-style-type: none"> <li>• New roads and landings are not permitted within the AOC.</li> </ul>	No	No
		<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Exception</b>
		Reserve (delineated polygon): <ul style="list-style-type: none"> <li>• New aggregate pits are not permitted within the AOC.</li> </ul>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

GBH/GBHI: Great blue heron colonies

GBH or GBHI	Group AOC	Description of Value		
	Yes	<p><b>Great Blue Heron Nest – Large or Small Heron Colonies:</b></p> <ul style="list-style-type: none"> <li>Active (GBH): 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), OR small heron colonies (&lt;4 occupied nests) known or suspected to have been occupied at least once within the past 5 years (unless documented as unoccupied for ≥3 years). Inactive (GBHI): as determined by MNRF using above criteria</li> <li>Habituated nests may qualify for less restrictive prescriptions with written approval from the MNRF biologist.</li> <li>Direction applies to all colonies occupied before or found during operations.</li> </ul>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
<p>The appropriate prescription is based on whether the nesting colony is active or inactive. The AOC for active colonies consists of three Modified Management Zones (MMZ) with a total AOC radius of 300 m. While the AOC for inactive colonies consists of a 30 m Modified Management Zone. AOC distances are measured from the peripheral nests.</p> <p><b>Conditions on Harvest, Renewal and Tending:</b></p> <p><b><u>GBH – Active Colonies</u></b></p> <p><b><u>MMZ1 (0-75m):</u></b></p> <ul style="list-style-type: none"> <li>No harvest is permitted.</li> <li>No renewal or tending operations are permitted from March 15 to July 31 if nests are occupied*</li> <li>Renewal and tending operations must retain mature forest structure with ≥60% canopy closure and any potential nest, perch, or roost site trees. (examples of restricted operations include aerial herbicide application or mechanical site preparation).</li> </ul> <p><b><u>MMZ2 (75-150m):</u></b></p> <ul style="list-style-type: none"> <li>No high or moderate impact activities are permitted from March 15 to July 31 if nests are occupied*</li> <li>Harvest, renewal or tending operations that retain mature forest with &gt; 60% canopy closure (canopy openings not to exceed individual tree crowns) are permitted***</li> </ul> <p><b><u>MMZ3 (150-300m):</u></b></p> <ul style="list-style-type: none"> <li>No high impact activities are permitted from March 15 to July 31 if nests are occupied*</li> <li>If large colony with ≥ 4 nests, harvest that retains residual forest is permitted.</li> <li>If small colony with &lt; 4 nests, regular harvest is permitted that retains residual pattern (refer to Sections 4.2.2.2.15 and 4.2.2.2.16).</li> </ul> <p><b><u>GBHI -- Inactive Colonies</u></b></p> <p><b><u>MMZ (0-30m):</u></b></p> <ul style="list-style-type: none"> <li>No harvest is permitted.</li> <li>Renewal and tending operations that do not knock down desired residual trees are permitted.</li> </ul> <p><i>* except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process</i></p> <p><i>***Harvest that retains relatively uniform basal area ≥60% canopy closure is generally restricted to commercial thinning, preparatory shelterwood harvest, or single tree selection harvest; No harvest is permitted if initial canopy closure &lt;60%. If harvest that retains &lt;60% relatively uniform canopy closure occurs prior to a nest’s discovery, 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, perch and roost trees ).</i></p>		<p>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 72-75, Glossary pages 207-208</p>	<p>No</p>	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

<b>GBH or GBHI</b>	<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
	See part C below.	No	No
	<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
	<p><b><u>GBH – Active Colonies:</u></b></p> <p><u>MMZ1(0-75m):</u></p> <ul style="list-style-type: none"> <li>• New roads and landings are not permitted.</li> <li>• No operations associated with existing roads and landings are permitted from March 15 to July 31 if nests are occupied**. If the road predates the colony, low potential impact road maintenance operations or hauling may occur with no timing restriction.</li> </ul> <p><u>MMZ2(75-150m):</u></p> <ul style="list-style-type: none"> <li>• New roads and landings are not permitted.</li> <li>• No high or moderate impact operations associated with roads and landings are permitted from March 15 to July 31 if nests are occupied**</li> </ul> <p><u>MMZ3(150-300m):</u></p> <ul style="list-style-type: none"> <li>• Reasonable efforts will be made to avoid new roads and landings. Construction of new roads and landings may be approved by MNRF if there are no feasible alternatives.</li> <li>• If road is approved, 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 10 m.</li> <li>• No high impact operations associated with roads and landings are permitted from March 15 to July 31 if nests are occupied**</li> </ul> <p><b><u>GBHI - Inactive Colonies:</u></b></p> <p><u>MMZ (0-30m):</u></p> <ul style="list-style-type: none"> <li>• New landings are not permitted.</li> <li>• Reasonable efforts will be made to avoid constructing new roads. Construction of new roads and landings require notification to MNRF if there are no feasible alternatives.</li> </ul>	No	No
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Exception</b>		
<p><b><u>GBH – Active Colonies:</u></b></p> <p><u>MMZ1 &amp; MMZ2(0-150m):</u></p> <ul style="list-style-type: none"> <li>• No new aggregate pits are permitted.</li> </ul> <p><u>MMZ3(150-300m):</u></p> <ul style="list-style-type: none"> <li>• Reasonable efforts will be made to avoid constructing new aggregate pits. Construction of new aggregate pits may be approved by MNRF if there are no feasible alternatives</li> <li>• No high impact operations associated with approved aggregate pits are permitted from March 15 to July 31 if nests are occupied**</li> </ul> <p><b><u>GBHI - Inactive Colonies:</u></b></p> <p>MMZ:0-30m</p> <ul style="list-style-type: none"> <li>• No new aggregate pits are permitted within the AOC.</li> </ul>	No		
**unless required for safety reasons, environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.			

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

GGP/GGA/GGI: Great gray owl nests and nesting habitat

<b>GGP, GGA, GGI</b>	<b>Group AOC</b>	<b>Description of Value</b>		
	Yes	<p>Great gray owl nests and nesting habitat within 400 m</p> <ul style="list-style-type: none"> <li>Habituated nests may qualify for less restrictive prescriptions with written approval from the MNRF biologist.</li> <li>Direction applies to nests known before and found during operations.</li> </ul>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		<b>Operational Prescription</b>	<b>Source</b>	<b>Exception</b>
		<p>The appropriate prescription is selected based on whether the nest is primary, alternate, or inactive. The AOC for active nests consists of a Reserve and three Modified Management Zones (MMZ) with a total AOC radius of 400 m. AOC for alternate nests is a 50 m reserve and for inactive nests is a 20 m MMZ. AOC distances are measured from the nest tree.</p> <p><b><u>GGP -- Primary Nest (300 m radius or 28.8 ha within 400 m)</u></b></p> <p><u>Reserve (0- 50m or 0.8 ha):</u></p> <ul style="list-style-type: none"> <li>No harvest, renewal and tending operations are permitted. If accidental harvest occurs within 50 m of a nest, a 0.8 ha unharvested patch as circular as possible (to minimize edge), will be retained as nesting habitat.</li> </ul> <p><u>MMZ1 (50-200m or 12 ha):</u></p> <ul style="list-style-type: none"> <li>Only low impact activities are permitted from March 15 to July 15 when primary nests are occupied*</li> <li>7 ha of mature forest will be retained with a relatively uniform canopy closure <math>\geq 70\%</math> using dominant or co-dominant trees and canopy openings not to exceed individual tree crowns. If the pre-harvest stand condition has a canopy closure <math>&lt;70\%</math>, No harvest is permitted.</li> <li>The remaining 5 ha of mature forest will be retained with a relatively uniform canopy closure <math>\geq 50\%</math> while keeping canopy gaps <math>&lt; 0.1</math> ha in size. If the pre-harvest stand condition has a canopy closure <math>&lt;50\%</math> No harvest is permitted.</li> <li>Harvest will retain a residual stand structure of approximately <math>6-6-5-3 \text{ m}^2/\text{ha}^1</math> for poles, small logs, medium logs, and large logs and be completed using single tree selection only so that the average size of the canopy openings will not exceed individual tree crowns.</li> </ul> <p><u>MMZ2 (200-300m or 16 ha within 400 m):</u></p> <ul style="list-style-type: none"> <li>Suitable nesting habitat will be retained as either a 300 m radius circular area centered on the nest or as a contiguous irregularly shaped 16 ha patch within 400 m of the nest. If an irregular patch is used it should be configured to enclose adjacent alternate or inactive nests whenever possible.</li> <li>Mature forest will be retained with a relatively uniform canopy closure <math>\geq 50\%</math> while keeping canopy gaps <math>&lt; 0.1</math> ha in size. If the pre-harvest stand condition has a canopy closure <math>&lt;50\%</math> No harvest is permitted.</li> <li>Harvest will retain a residual stand structure of <math>6-6-5-3 \text{ m}^2/\text{ha}^1</math> for poles, small logs, medium logs, and large logs and be completed using single tree selection only so that the average size of the canopy openings will not exceed individual tree crowns.</li> </ul> <p><b><u>GGA -- Alternate Nest (50 m radius or 0.8 ha)</u></b></p> <p><u>Reserve (0-50m):</u></p> <ul style="list-style-type: none"> <li>No harvest, renewal and tending operations are permitted. If accidental harvest occurs within 50 m of a nest before discovery of the nest, a 0.8 ha unharvested patch, as circular as possible (to minimize edge), will be retained as nesting habitat.</li> </ul>	<p>Forest Management Guide for Conserving Biodiversity at the Stand &amp; Site Scales Pages 77 - 81. Glossary pages 207 - 208.</p>	<p>No</p>

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

<b>GGP, GGA, GGI</b>	<b>A. Operational Prescriptions for Areas of Concern</b>		Exception
	<p><b><u>GGI -- Inactive Nest (20 m radius or 0.1 ha)</u></b>  <u>MMZ (0-20m):</u></p> <ul style="list-style-type: none"> <li>No harvest is permitted if the nest is in good repair.</li> <li>If nest is confirmed to be in poor condition, the nest tree will be retained as a wildlife tree.</li> </ul> <p><sup>1</sup> When the BA target for a specific size class cannot be achieved because of initial stand conditions, a compensating amount of BA can be retained in a larger size class.  <i>*except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p>		No
	<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
	See part C below.	No	No
	<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
	<p><b><u>GGP -- Primary Nest (300 m radius or 28.8 ha within 400 m)</u></b>  <u>Reserve (0-50m or 0.8 ha):</u></p> <ul style="list-style-type: none"> <li>New roads and landings are not permitted.</li> <li>Operations associated with roads or landings are not permitted when nests are occupied from March 15 to July 15*</li> <li>There is no timing restriction on hauling or low impact road maintenance operations if the road predates the nest.</li> </ul> <p><u>MMZ1 (50-200m or 12 ha):</u></p> <ul style="list-style-type: none"> <li>New roads and landings are not permitted within the 7-ha patch of suitable (old growth) nesting habitat retained within 200 m.</li> <li>Reasonable efforts will be made to avoid constructing new roads and landings in the suitable nesting habitat retained in this zone. Construction of new roads and landings may be approved by MNRF if there are no feasible alternatives. If new roads are constructed, temporary roads and/or water crossings will be used whenever possible and the width will be kept as narrow as possible, and will not exceed 20 m. New landings should preferably be temporary and be kept less than 0.1 ha in size.</li> <li>High and medium impact operations associated with roads or landings are not permitted when nests are occupied from March 15 to July 15*</li> <li>There is no timing restriction on hauling or low impact road maintenance operations if the road predates the nest.</li> </ul> <p><u>MMZ2 (200-300m or 16 ha within 400m):</u></p> <ul style="list-style-type: none"> <li>There are no restrictions on roads and landings.</li> </ul>	No	No
	<p><b><u>GGA -- Alternate Nest (50 m radius or 0.8 ha)</u></b>  <u>MMZ (0-50m):</u></p> <ul style="list-style-type: none"> <li>New roads and landings are not permitted within 50 m of the nest.</li> </ul>		
	<p><b><u>GGI -- Inactive Nest (20 m radius or 0.1 ha)</u></b>  <u>MMZ (0-20m):</u></p> <ul style="list-style-type: none"> <li>Reasonable efforts will be made to avoid constructing new roads, and landings within 20m of inactive nests; MNRF will be notified of new roads and landings prior to work commencing.</li> </ul> <p><i>* Unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process</i></p>		

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

	D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use	Exception
<p><b>GGP, GGA, GGI</b></p>	<p><b><u>GGP -- Primary Nest (300 m radius or 28.8 ha within 400 m)</u></b>  <u>Reserve (0-50m or 0.8 ha):</u></p> <ul style="list-style-type: none"> <li>• New pits are not permitted.</li> <li>• Operations associated with pits are not permitted when nests are occupied from March 15 to July 15*</li> </ul> <p><u>MMZ1 (50-200m or 12 ha):</u></p> <ul style="list-style-type: none"> <li>• New pits are not permitted within the 7-ha patch of suitable (old growth) nesting habitat retained within 200 m.</li> <li>• Reasonable efforts will be made to avoid constructing new pits in the suitable nesting habitat retained in this zone; Construction of new aggregate pits may be approved by MNRF if there are no feasible alternatives New pits should preferably be temporary and be kept less than 0.1 ha in size.</li> <li>• High and medium impact operations associated with aggregate pits are not permitted when nests are occupied from March 15 to July 15*</li> </ul> <p><u>MMZ2 (200-300m or 16 ha within 400m):</u></p> <ul style="list-style-type: none"> <li>• There are no restrictions on pits.</li> </ul> <p><b><u>GGA -- Alternate Nest (50 m radius or 0.8 ha)</u></b></p> <ul style="list-style-type: none"> <li>• New pits are not permitted within 50 m of the nest.</li> </ul> <p><b><u>GGI -- Inactive Nest (20 m radius or 0.1 ha)</u></b></p> <ul style="list-style-type: none"> <li>• Reasonable efforts will be made to avoid constructing new aggregate pits within 20m of inactive nests; MNRF will be notified of new aggregate pits prior to work commencing.</li> </ul> <p><i>* Unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process</i></p>	<p>No</p>

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

GHC: Great horned owl cavity nest

GHC	Group AOC	Description of Value		
	Yes	Cavity nests occupied or previously occupied by the great horned owl <ul style="list-style-type: none"> <li>• Direction applies to all nests known before or found during operations.</li> <li>• Habituated nests may qualify for less restrictive prescriptions with written approval from the MNRF biologist)</li> </ul>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		<b>Occupied and Unoccupied Nests:</b> <ul style="list-style-type: none"> <li>• The nest/roost tree will be retained in an unharvested residual patch (&gt;20 m radius)</li> </ul> <b>Occupied Nests:</b> AOC consists of three Modified Management Zones (MMZ). Total AOC is 50 m centered on the nest tree. <u>MMZ1 (0-10 m):</u> • No harvest, renewal or tending operations are permitted from February 1 to May 31* <u>MMZ2 (10-25 m):</u> • No moderate or high impact operations are permitted from February 1 to May 31* <u>MMZ3 (25-50 m):</u> • No high impact operations are permitted from February 1 to May 31* <i>*except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i>	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 84-88	No
		<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		See part C below.	No	No
		<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		New roads and landings are not permitted within 20 m of an occupied or unoccupied cavity nest. If cavity nests are occupied, the following applies from February 1 to May 31*: <u>MMZ1 (0-10m):</u> No operations associated with existing roads and landings are permitted. If the road predates the nest, low potential impact road maintenance operations or hauling may occur with No timing restriction; <u>MMZ2 (10-25m):</u> No high or moderate impact operations associated with existing roads and landings are permitted; <u>MMZ3 (25-50m):</u> No high impact operations associated with roads and landings are permitted; <i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i>	No	No
		<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Exception</b>
		New aggregate pits are not permitted within 20 m of an occupied or unoccupied cavity nest. If cavity nests are occupied, the following applies from February 1 to May 31*: <u>MMZ1(0-10m):</u> No operations associated with existing aggregate pits are permitted; <u>MMZ2(10-25m):</u> No high or moderate impact operations associated with existing aggregate pits are permitted; <u>MMZ3(25-50m):</u> No high impact operations associated with aggregate pits are permitted; <i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i>		No



MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

HIBS: Snake hibernacula (confidential value)

<b>HIBS</b>	<b>Group AOC</b>	<b>Description of Value</b>		
	Yes	Suitable known hibernacula used by eastern hog-nosed snake, eastern ribbonsnake, or milksnake at least once within the past 5 years and habitat within a 30 m radius or as otherwise defined by an ESA habitat description or habitat regulation.  (Direction applies to sites identified by MNRFP prior to, or during, operations.)		
	<b>A. Operational Prescriptions for Areas of Concern</b>			
	<b>Operational Prescription</b>		<b>Source</b>	<b>Exception</b>
	AOC consists of a Reserve. MNRFP Delineated habitat comprises the AOC reserve.  <b>Conditions on Harvest, Renewal and Tending</b>  <u>Reserve (0-30m):</u> <ul style="list-style-type: none"> <li>Harvest, renewal and tending operations are not permitted.</li> </ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, Page 115-118	No
	<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
	See part C below.		No	No
	<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
	<u>Reserve (0-30m):</u> <ul style="list-style-type: none"> <li>New roads and landings are not permitted.</li> <li>Hauling and road maintenance operations (except when required for safety reasons or environmental protection) are not permitted on existing roads within the AOC from September 1 to October 15 and April 15 to June 1, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process. Local knowledge may be used to adjust these dates. Unless otherwise specified, the restriction on hauling or other forestry-related traffic applies to operational roads and any other roads that are used primarily by the forest industry.</li> </ul>		No	No
	<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Exception</b>
<ul style="list-style-type: none"> <li>New aggregate pits are not permitted within the AOC.</li> <li>Aggregate extraction from existing pits is not permitted within the AOC from September 1 to October 15 and April 15 to June 1.</li> </ul>			No	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

HTUR: Turtle hibernacula used by northern map turtle, eastern musk turtle, eastern spiny softshell or snapping turtles (confidential value)

HTUR	Group AOC	Description of Value			
	Yes	Suitable hibernacula and associated aquatic features known or suspected to have been used by the northern map turtle, eastern musk turtle, eastern spiny softshell, or snapping turtles, at least once within the past 10 years. The associated aquatic features are defined as either: <ul style="list-style-type: none"> <li>the river or stream segment 200 m above and below a hibernaculum,</li> <li>the wetland polygon containing a hibernaculum, or</li> <li>as otherwise defined by an ESA habitat description or habitat regulation</li> </ul> (Direction applies to sites identified prior to, or during, operations.)			
<b>A. Operational Prescriptions for Areas of Concern</b>					
		Operational Prescription	Source	Exception	
		AOC consists of a Reserve. Delineated habitat comprises the AOC.  <b>Conditions on Harvest, Renewal and Tending</b>  <u>Reserve (Hibernacula habitat polygon):</u> <ul style="list-style-type: none"> <li>Harvest, renewal, and tending operations are not permitted.</li> </ul>	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, Pages 120-121 Snapping Turtles added due to SAR status assignment post SSG	No	
		<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
		See part C below.		No	No
		<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
		<u>Reserve (Hibernacula habitat polygon):</u> <ul style="list-style-type: none"> <li>New all-weather roads, seasonal roads, or water crossings are not permitted unless there is no practical or feasible alternative, and the road or water crossing, including specific location, is identified, and justified through the FMP AOC approval process.</li> <li>No operations permitted that would significantly alter hydrological flow (e.g., water drawdown)*.</li> <li>Reconstruction of water crossings will be considered for approval by MNRF on a case-by-case basis.</li> </ul> <p>*Water drawdowns include operations that adversely affect the function of suitable aquatic habitat. These operations include operations that will result in permanent changes to water levels in suitable aquatic habitat, except where beaver activity has affected a water crossing and the resulting water levels are likely to create a safety or environmental concern, and the activity will not lower water level below that present before the beaver activity. Drawdowns affecting aquatic habitats should ideally occur in the summer months.</p>		No	No
		<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Exception</b>
		Not Applicable			No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

KIWA: Kirtland’s warbler habitat

KIWA	Group AOC	Description of Value		
	Yes	Suitable habitat occupied by breeding Kirtland’s warblers within the past 20 years defined by either: <ul style="list-style-type: none"> <li>• suitable habitat occupied by breeding birds as delineated through field survey,</li> <li>• a 30 ha patch of suitable habitat associated with individual Element Occurrence observation points or other reliable sightings associated with breeding activity, or</li> <li>• as otherwise defined by an ESA habitat description or habitat regulation.</li> </ul> (Direction applies to suitable breeding habitat delineated by MNR prior to, or during, operations).		
<b>A. Operational Prescriptions for Areas of Concern</b>				
<b>Operational Prescription</b>				
AOC consists of a Modified Management Zone (MMZ) only. Delineated habitat polygon comprises the AOC.				
<b>Conditions on Harvest, Renewal and Tending</b>				
<u>MMZ (delineated habitat polygon):</u>				
<ul style="list-style-type: none"> <li>• Harvest, renewal, and tending operations are not permitted unless compatible with enhancing or maintaining habitat (e.g. prescribed burn) as specifically identified and justified through the FMP AOC approval process.</li> <li>• Harvest, renewal, and tending operations are not permitted from May 1 to July 31.</li> </ul>				
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
See part C below.				
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
<u>MMZ (delineated habitat polygon):</u>				
<ul style="list-style-type: none"> <li>• New landings are not permitted</li> <li>• New roads are not permitted unless there is no practical or feasible alternative, the patch of occupied habitat is large (&gt;80 ha), reasonable efforts will be made to mitigate potential impact and the road, including specific location, is identified and justified in the FMP though the FMP AOC approval process.</li> <li>• Road construction is not permitted from May 1 to July 31 except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> </ul>				
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>				
<u>MMZ (delineated habitat polygon):</u>				
<ul style="list-style-type: none"> <li>• New aggregate pits are not permitted.</li> <li>• Aggregate extraction within existing pits is not permitted from May 1 to July 31 except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> </ul>				

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

LOWA: Louisiana waterthrush habitat

LOWA	Group AOC	Description of Value		
	Yes	Suitable habitat occupied by breeding Louisiana waterthrush within the past 10 years defined by either: <ul style="list-style-type: none"> <li>• suitable habitat occupied by breeding birds as delineated through field survey,</li> <li>• suitable habitat within 50 m on both sides of a stream for a distance of 400 m above and below individual Element of Occurrence observation points or other reliable sightings associated with breeding activity, or</li> <li>• as otherwise defined by an ESA habitat description or habitat regulation.</li> </ul> (Direction applies to suitable breeding habitat delineated by MNRF prior to, or during, operations.)		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		AOC consists of a Modified Management Zone (MMZ). Delineated habitat polygon comprises the AOC.  <b>Conditions on Harvest, Renewal and Tending</b>  <u>MMZ (delineated habitat polygon):</u> <ul style="list-style-type: none"> <li>• Harvest, renewal, and tending operations are not permitted from May 1 to July 31 except in extraordinary circumstances as identified and justified through the FMP AOC approval process.</li> <li>• Selection harvest is permitted outside the timing restriction noted above. No other harvest operations are permitted.</li> </ul>	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, page 124	No
		B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
		See part C below.	No	No
		C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
		<u>MMZ (delineated habitat polygon):</u> <ul style="list-style-type: none"> <li>• New landings are not permitted.</li> <li>• Reasonable efforts will be made to avoid constructing new roads within the AOC. Construction of new roads and landings may be approved by MNRF if there are no feasible alternatives.</li> <li>• Road construction is not permitted from May 1 to July 31 except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> </ul>	No	No
		D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use		Exception
		<u>MMZ (delineated habitat polygon):</u> <ul style="list-style-type: none"> <li>• New aggregate pits are not permitted.</li> <li>• Aggregate extraction within existing pits is not permitted from May 1 to July 31 except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> </ul>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

MLSS: Merlin or sharp-shinned hawk stick nests

MLSS	Group AOC	Description of Value		
	Yes	Stick nests occupied or previously occupied by the <b>merlin or sharp-shinned hawk</b> <ul style="list-style-type: none"> <li>• Direction applies to all nests known before or found during operations.</li> <li>• Habituated nests may qualify for less restrictive prescriptions with written approval from the MNRF biologist.</li> </ul>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
<b>Operational Prescription</b>			<b>Source</b>	<b>Exception</b>
<b>Occupied or Unoccupied Nests:</b> <ul style="list-style-type: none"> <li>• retain as a wildlife tree if the nest is in good repair or the nest tree contains a good fork</li> </ul> <b>Occupied Nests:</b> AOC consists of three Modified Management Zones (MMZ). Total AOC is 50 m centered on the nest tree. <ul style="list-style-type: none"> <li><u>MMZ1 (0-10m)</u>: • No harvest, renewal or tending operations are permitted from April 1 to July 31*</li> <li><u>MMZ2 (10-25m)</u>: • No moderate or high impact operations are permitted from April 1 to July 31*</li> <li><u>MMZ3 (25-50m)</u>: • No high impact operations are permitted from April 1 to July 31*</li> </ul> *except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.			Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 82-83, Glossary pages 207-208.	No
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Public Comment</b>	<b>Exception</b>
See part C below.			No	No
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Public Comment</b>	<b>Exception</b>
Reasonable efforts will be made to avoid constructing new roads or landings within 20m of occupied or unoccupied nests. Construction of new roads and landings within 20 m of occupied nests may be approved by MNRF if there are no feasible alternatives.  If nests are occupied, the following applies from April 1 to July 31*: <ul style="list-style-type: none"> <li><u>MMZ1 (0-10m)</u>: No operations associated with roads and landings are permitted. If the road predates the nest, low potential impact road maintenance operations or hauling may occur with No timing restriction;</li> <li><u>MMZ2 (10-25m)</u>: No high or moderate impact operations associated with roads and landings are permitted;</li> <li><u>MMZ3 (25-50m)</u>: No high impact operations associated with roads and landings are permitted;</li> </ul> *unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.			No	No
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>				<b>Exception</b>
Reasonable efforts will be made to avoid constructing aggregate pits within 20m of occupied or unoccupied nests. Construction of new aggregate pits within 20 m of occupied nests may be approved by MNRF if there are no feasible alternatives; notification required for unoccupied nests.  If nests are occupied, the following applies from April 1 to July 31*: <ul style="list-style-type: none"> <li><u>MMZ1 (0-10m)</u>: No operations associated with aggregate pits are permitted;</li> <li><u>MMZ2 (10-25m)</u>: No high or moderate impact operations associated with existing aggregate pits are permitted;</li> <li><u>MMZ3 (25-50m)</u>: No high impact operations associated with aggregate pits are permitted;</li> </ul> *unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.				No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

MIL: Mineral licks

MIL	Group AOC	Description of Value		
	Yes	Natural Mineral Licks – known or encountered during operations; excludes mineral licks created by salt accumulation along roadways or by hunters.		
<b>A. Operational Prescriptions for Areas of Concern</b>				
<b>Operational Prescription</b>			<b>Source</b>	<b>Exception</b>
<p>AOC consists of a Reserve. Total AOC radius= 120 m. AOC distance is measured from the edge of woody vegetation averaging at least 2 m tall and with ≥25% canopy cover.</p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><u>Reserve (0-120m):</u></p> <ul style="list-style-type: none"> <li>No harvest, renewal or tending operations are permitted.</li> </ul>			OMNR, 2010. Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales; Pages 91-93	No
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Public Comment</b>	<b>Exception</b>
See part C below.			No	No
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Public Comment</b>	<b>Exception</b>
<p><u>Reserve (0-120m):</u></p> <ul style="list-style-type: none"> <li>New roads and landings are not permitted within the AOC except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> <li>Operations related to existing roads and landings are permitted within the AOC.</li> </ul>			No	No
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>				<b>Exception</b>
<p><u>Reserve (0-120m):</u></p> <ul style="list-style-type: none"> <li>New aggregate pits are not permitted within the AOC except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> <li>Operations related to existing aggregate pits are permitted within the AOC.</li> </ul>				No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

NFW: Non-forested wetlands occupied by species at risk

<b>NFW</b>	<b>Group AOC</b>	<b>Description of Value</b>		
	Yes	Mapped non-forested wetlands (or portions of wetlands) (includes open wetlands, treed wetlands, and brush and alder) known to be occupied by species at risk within the past 20 years (10 years for species of special concern) or as otherwise defined by an ESA habitat description or habitat regulation.  (Direction applies to wetlands identified by MNRF prior to, or during, operations.)		
	<b>A. Operational Prescriptions for Areas of Concern</b>			
	<b>Operational Prescription</b>		<b>Source</b>	<b>Exception</b>
	AOC is a Reserve. Delineated habitat polygon comprises the AOC. The AOC is defined as the wetland (or portion of the wetland) delineated as containing the species at risk based on field survey by MNRF.  <b>Conditions on Harvest, Renewal and Tending</b>  <u>Reserve (delineated habitat polygon):</u> <ul style="list-style-type: none"> <li>Harvest, renewal, tending, and machine travel are not permitted.</li> </ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, page 108	No
	<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
	See part C below.		No	No
	<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
	<u>Reserve (delineated habitat polygon):</u> <ul style="list-style-type: none"> <li>New roads and landings are not permitted within the AOC.</li> <li>New winter roads are not permitted unless there is no practical or feasible alternative, the potential impact on the SAR species present can be mitigated, and the road, including specific location, is identified and justified through the FMP AOC approval process.</li> </ul>		No	No
	<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Exception</b>
<u>Reserve (delineated habitat polygon):</u> <ul style="list-style-type: none"> <li>New aggregate pits are not permitted within the AOC.</li> </ul>			No	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

NGP/NGA/NGI: Northern goshawk nests and nesting habitat

<b>NGP, NGA, NGI</b>	<b>Group AOC</b>	<b>Description of Value</b>	
	Yes	<p>Northern goshawk nests and nesting habitat within 400 m used at least once within the past 5 years:</p> <ul style="list-style-type: none"> <li>• Habituated nests may qualify for less restrictive prescriptions with written approval from the MNRF biologist.</li> <li>• Direction applies to nests known before and found during operations.</li> </ul>	
	<b>A. Operational Prescriptions for Areas of Concern</b>		
<b>Operational Prescription</b>		<b>Source</b>	<b>Exception</b>
<p>The appropriate prescription is selected based on whether the nest is primary, alternate, or inactive. The AOC for active nests consists of a Reserve and three Modified Management Zones (MMZ) with a total AOC radius of 400 m. AOC for alternate nests is a 50 m reserve and for inactive nests is a 20 m MMZ. AOC distances are measured from the nest tree.</p> <p><b><u>NGP -- Primary Nest AOC (300 m radius or 28.8 ha within 400 m)</u></b>  <u>Reserve (0-50m or 0.8 ha):</u></p> <ul style="list-style-type: none"> <li>• No harvest, renewal and tending operations are permitted. If accidental harvest occurs within 50 m of a nest, a 0.8 ha unharvested patch as circular as possible (to minimize edge), will be retained as nesting habitat.</li> </ul> <p><u>MMZ1 (50-200m or 12 ha):</u></p> <ul style="list-style-type: none"> <li>• Moderate or high impact activities are not permitted from March 15 to July 15 when primary nests are occupied except in extraordinary circumstances as identified and justified through the FMP AOC approval process.</li> <li>• Operations that change the development stage or that create canopy gaps &gt;0.1 ha are not permitted.</li> <li>• Harvest will retain a residual stand structure of approximately 6-6-5-3 m<sup>2</sup>/ha<sup>1</sup> for poles, small logs, medium logs, and large logs and be completed using single tree selection only so that the average size of the canopy openings will not exceed individual tree crowns.</li> <li>• 7 ha of mature forest will be retained with a relatively uniform canopy closure ≥ 70% using dominant or co-dominant trees. If the pre-harvest stand condition has a canopy closure &lt;70% no harvest is permitted.</li> <li>• The remaining 5 ha of mature forest will be retained with a relatively uniform canopy closure ≥ 50%. If the pre-harvest condition has a canopy closure &lt;50% no harvest is permitted.</li> </ul> <p><u>MMZ2 (200-300m or 16 ha within 400 m):</u></p> <ul style="list-style-type: none"> <li>• Suitable nesting habitat will be retained as either a 300 m radius circular area centered on the nest or as a contiguous irregularly shaped 16 ha patch within 400 m of the nest. If an irregular patch is used it should be configured to enclose adjacent alternate or inactive nests whenever possible.</li> <li>• Mature forest will be retained with a relatively uniform canopy closure ≥ 50% or a basal area of 16 m<sup>2</sup>/ha while keeping canopy gaps &lt; 0.1 ha in size. If the pre-harvest stand condition has a canopy closure &lt;50% or has a basal area &lt; 16 m<sup>2</sup>/ha no harvest is permitted.</li> </ul> <p><b><u>NGA -- Alternate Nest AOC (50 m radius or 0.8 ha)</u></b>  <u>Reserve (0-50m):</u></p> <ul style="list-style-type: none"> <li>• No harvest, renewal and tending operations are permitted. If accidental harvest occurs within 50 m of a nest before discovery of the nest, a 0.8 ha unharvested patch, as circular as possible (to minimize edge), will be retained as nesting habitat.</li> </ul> <p><b><u>NGI -- Inactive Nest AOC (20 m radius or 0.1 ha)</u></b>  <u>Modified (0-20m):</u></p> <ul style="list-style-type: none"> <li>• No harvest is permitted if the nest is in good repair.</li> <li>• If nest is confirmed to be in poor condition, the nest tree will be retained as a wildlife tree. (CRO 4.2.2.2.4)</li> </ul> <p><i>* When the BA target for a specific size class cannot be achieved because of initial stand conditions, a compensating amount of BA can be retained in a larger size class.</i></p>		<p>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 77-81, Glossary pages 207-208.</p>	<p>No</p>



MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

<b>NGP, NGA, NGI</b>	<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
	See part C below.	No	No
	<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
	<p><b>NGP -- Primary Nest AOC (300 m radius or 28.8 ha within 400 m)</b>  <u>Reserve (0-50m or 0.8 ha):</u></p> <ul style="list-style-type: none"> <li>• New roads and landings are not permitted.</li> <li>• Operations associated with roads or landings are not permitted when nests are occupied from March 15 to July 15 unless approved by MNRF.</li> <li>• There is no timing restriction on hauling or low impact road maintenance operations if the road predates the nest.</li> </ul> <p><u>MMZ1 (50-200m or 12 ha):</u></p> <ul style="list-style-type: none"> <li>• New roads and landings are not permitted within the 7-ha patch of suitable (old growth) nesting habitat retained within 200 m.</li> <li>• Reasonable efforts will be made to avoid constructing new roads and landings. Construction of new roads and landings in the suitable nesting habitat retained in this zone may be approved by MNRF if there are no feasible alternatives. If new roads are constructed, temporary roads and/or water crossings will be used whenever possible and the width will be kept as narrow as possible and will not exceed 20m. New landings should preferably be temporary and be kept less than 0.1 ha in size.</li> <li>• High and medium impact operations associated with roads or landings are not permitted when nests are occupied from March 15 to July 15 unless required for safety reasons or environmental protection or in extraordinary circumstances as identified and justified through the FMP AOC approval process.</li> <li>• There is no timing restriction on hauling or low impact road maintenance operations if the road predates the nest.</li> </ul> <p><u>MMZ2 (200-300m or 16 ha within 400 m):</u></p> <ul style="list-style-type: none"> <li>• There are no restrictions on roads and landings.</li> </ul> <p><b>NGA -- Alternate Nest AOC (50 m radius or 0.8 ha)</b>  <u>Reserve (0-50m):</u></p> <ul style="list-style-type: none"> <li>• New roads and landings are not permitted within 50 m of the nest.</li> </ul> <p><b>NGI -- Inactive Nest AOC (20 m radius or 0.1 ha)</b>  <u>Modified (0-20m):</u></p> <ul style="list-style-type: none"> <li>• Reasonable efforts will be made to avoid constructing new roads or landings within 20m of the inactive nest; MNRF will be notified of new roads and landings prior to work commencing.</li> </ul>	No	No
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Exception</b>	
<p><b>NGP -- Primary Nest AOC (300 m radius or 28.8 ha within 400 m)</b>  <u>Reserve (0-50m or 0.8 ha):</u></p> <ul style="list-style-type: none"> <li>• New pits are not permitted.</li> <li>• Operations associated with pits are not permitted when nests are occupied from March 15 to July 15 unless approved by MNRF.</li> </ul> <p><u>MMZ1 (50-200m or 12 ha):</u></p> <ul style="list-style-type: none"> <li>• New pits are not permitted within the 7-ha patch of suitable (old growth) nesting habitat retained within 200 m.</li> <li>• Reasonable efforts will be made to avoid constructing new aggregate pits. Constructing new pits in the suitable nesting habitat retained in this zone may be approved by MNRF if there are no feasible alternatives. New pits should preferably be temporary and be kept less than 0.1 ha in size.</li> <li>• High and medium impact operations associated with aggregate pits are not permitted when nests are occupied from March 15 to July 15 unless required for safety reasons or environmental protection or in extraordinary circumstances as identified and justified through the FMP AOC approval process.</li> </ul>		No	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

<b>NGP, NGA, NGI</b>	<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Exception</b>
	<p><u>MMZ2 (200-300m or 16 ha within 400 m):</u></p> <ul style="list-style-type: none"><li>• There are no restrictions on pits.</li></ul> <p><u>NGA -- Alternate Nest AOC (50 m radius or 0.8 ha)</u></p> <p><u>Reserve (0-50m):</u></p> <ul style="list-style-type: none"><li>• New aggregate pits are not permitted within 50m of the nest.</li></ul> <p><u>NGI -- Inactive Nest AOC (20 m radius or 0.1 ha)</u></p> <p><u>Modified (0-20m):</u></p> <ul style="list-style-type: none"><li>• Reasonable efforts will be made to avoid constructing new aggregate pits within 20m of inactive nests; MNRF will be notified of new aggregate pit prior to work commencing</li></ul>	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

NH: Northern harrier ground nests

NH	Group AOC	Description of Value		
	Yes	<b>Ground nests occupied by northern harrier:</b> <ul style="list-style-type: none"> <li>Habituated nests may qualify for less restrictive prescriptions with written approval from the MNRF biologist</li> <li>Direction applies to all nests occupied before or found during operations.</li> </ul>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		<p>AOC consists of three Modified Management Zones (MMZ). The AOC distances are measured from the nest. Total AOC radius = 50 m.</p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><u>MMZ1 (0-10m):</u></p> <ul style="list-style-type: none"> <li>No harvest, renewal or tending operations are permitted from April 1 to July 31*</li> </ul> <p><u>MMZ2 (10-25m):</u></p> <ul style="list-style-type: none"> <li>No moderate or high impact operations are permitted from April 1 to July 31*</li> </ul> <p><u>MMZ3 (25-50m):</u></p> <ul style="list-style-type: none"> <li>No high impact operations are permitted from April 1 to July 31*</li> </ul> <p><i>*except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p>	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 87-88	No
		<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		See part C below.	No	No
		<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		<p>If nests are occupied, the following applies from April 1 to July 31*:</p> <p><u>MMZ1 (0-10m):</u> No operations associated with roads and landings are permitted. If the road predates the nest, low potential impact road maintenance operations or hauling may occur with no timing restriction.</p> <p><u>MMZ2 (10-25m):</u> No high or moderate impact operations associated with roads and landings are permitted;</p> <p><u>MMZ3 (25-50m):</u> No high impact operations associated with roads and landings are permitted;</p> <p><i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p>	No	No
		<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Exception</b>
		<p>If nests are occupied, the following applies from April 1 to July 31*:</p> <p><u>MMZ1 (0-10m):</u> No operations associated with aggregate pits are permitted;</p> <p><u>MMZ2 (10-25m):</u> No high or moderate impact operations associated with aggregate pits are permitted;</p> <p><u>MMZ3 (25-50m):</u> No high impact operations associated with aggregate pits are permitted;</p> <p><i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

NHO: Northern hawk owl cavity nests

<b>NHO</b>	<b>Group AOC</b>	<b>Description of Value</b>			
	Yes	Cavity nests occupied or previously occupied by the <b>northern hawk owl</b> <ul style="list-style-type: none"> <li>• Direction applies to all nests known before or found during operations.</li> <li>• Habituated nests may qualify for less restrictive prescriptions with written approval from the MNRF biologist.</li> </ul>			
	<b>A. Operational Prescriptions for Areas of Concern</b>				
	<b>Operational Prescription</b>			<b>Source</b>	<b>Exception</b>
	<b>Occupied or Unoccupied Nests:</b> • Cavity nest trees will be retained as a wildlife tree (if safety is not a concern)  <b>Occupied Nests:</b> AOC consists of three Modified Management Zones (MMZ). Total AOC is 50 m centered on the nest tree. <u>MMZ1 (0-10m):</u> • No harvest, renewal or tending operations are permitted from March 15 to July 15* <u>MMZ2 (10-25m):</u> • No moderate or high impact activities are permitted from March 15 to July 15* <u>MMZ3 (25-50m):</u> • No high impact activities are permitted from March 15 to July 15*  <i>* except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i>			Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 84-86	No
	<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Public Comment</b>	<b>Exception</b>
	See part C below.			No	No
	<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Public Comment</b>	<b>Exception</b>
	Reasonable efforts will be made to avoid constructing new roads or landings within 20m of occupied and unoccupied cavity nests; MNRF will be notified of new roads or landings prior to work commencing.  If cavity nests are occupied, the following applies from March 15 to July 15*: <u>MMZ1 (0-10m):</u> No operations associated with roads and landings are permitted. If the road predates the nest, low potential impact road maintenance operations or hauling may occur with no timing restriction; <u>MMZ2 (10-25m):</u> No high or moderate impact operations associated with roads and landings are permitted; <u>MMZ3 (25-50m):</u> No high impact operations associated with roads and landings are permitted;  <i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i>			No	No
	<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Exception</b>	
Reasonable efforts will be made to avoid constructing new aggregate pits within 20m of occupied or unoccupied nests. Construction of new aggregate pits within 20 m of occupied nests may be approved by MNRF if there are no feasible alternatives; unoccupied nests require notification.  If cavity nests are occupied, the following applies from March 15 to July 15*: <u>MMZ1 (0-10m):</u> No operations associated with aggregate pits are permitted; <u>MMZ2 (10-25m):</u> No high or moderate impact operations associated with aggregate pits are permitted; <u>MMZ3 (25-50m):</u> No high impact operations associated with aggregate pits are permitted;  <i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i>			No		

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

NTUR: Turtle nesting sites (confidential value)

NTUR	Group AOC	Description of Value		
	Yes	<p><b>Turtle nesting sites</b> known or suspected to have been used by northern map turtle, spiny softshell, eastern musk or snapping turtle at least once within the past 10 years or as otherwise defined by an ESA habitat description or habitat regulation. Does not apply to snapping turtle nests on anthropogenic sites (i.e. roads, landings, aggregate pits).</p> <p>(Direction applies to sites identified prior to, or during, operations.)</p>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
<b>Operational Prescription</b>				
AOC consists of a Reserve. AOC comprised of the delineated nest site and habitat within a maximum of 30 m radius centred on the nest site.				
<b>Conditions on Harvest, Renewal and Tending</b>				
<u>Reserve (Nest site polygon and 0-30m):</u>				
<ul style="list-style-type: none"> <li>Harvest, renewal, and tending operations are not permitted.</li> </ul>				
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
See part C below.				
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
<u>Reserve (Nest site polygon and 0-30m):</u>				
<ul style="list-style-type: none"> <li>New roads and landings are not permitted within the AOC.</li> <li>Road maintenance operations on existing roads that disturb the roadbed (except when required for safety reasons or environmental protection) are not permitted within the AOC from June 1 to September 30, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> </ul>				
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>				
<u>Reserve (Nest site polygon and 0-30m):</u>				
<ul style="list-style-type: none"> <li>New aggregate pits are not permitted.</li> <li>Aggregate extraction from existing pits is not permitted within the AOC from June 1 to September 30, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> </ul>				

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

OSP/OSA/OSI: Osprey stick nests

<b>OSP, OSA, or OSI</b>	<b>Group AOC</b>	<b>Description of Value</b>		
	Yes	<p><b>Stick nests built and/or occupied by osprey</b> at least once within the past 5 years:</p> <ul style="list-style-type: none"> <li>• Habituated nests may qualify for less restrictive prescriptions with written approval from the MNRF biologist.</li> <li>• Direction applies to all nests known before, or found during, operations.</li> </ul>		
	<b>A. Operational Prescriptions for Areas of Concern</b>			
	<b>Operational Prescription</b>		<b>Source</b>	<b>Exception</b>
<p>The appropriate prescription is selected based on whether the nest is primary, alternate, or inactive. The AOC consists of three Modified Management Zones (MMZ); distances are measured from the nest tree. Maximum total AOC radius = 300 m.</p> <p><b>Conditions on Harvest, Renewal and Tending:</b></p> <p><b><u>OSP - Primary Nest</u></b>  <u>MMZ1 (0-75m):</u></p> <ul style="list-style-type: none"> <li>• No harvest is permitted.</li> <li>• No renewal or tending operations are permitted from April 1 to August 15 if nest is occupied, except in extraordinary circumstances as specifically identified and justified through an FMP AOC approval process.</li> <li>• Renewal and tending operations must retain mature forest with canopy closure <math>\geq 60\%</math> and must not fell trees that are potential nest, perch or roost site trees (canopy openings not to exceed individual tree crowns)- (examples of restricted operations include aerial herbicide application or mechanical site preparation).</li> </ul> <p><u>MMZ2 (75-150m):</u></p> <ul style="list-style-type: none"> <li>• Harvest, renewal and tending operations must retain mature forest with canopy closure <math>\geq 60\%</math> (canopy openings not to exceed individual tree crowns)</li> <li>• Wildlife trees that may function as potential nest, perch, and roost sites will be retained preferentially based on the following order of priority: 1) supercanopy 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.</li> <li>• No high or moderate impact activities are permitted from April 1 to August 15 if nest is occupied, except in extraordinary circumstances as specifically identified and justified through an FMP AOC approval process.</li> </ul> <p><u>MMZ3 (150-300m):</u></p> <ul style="list-style-type: none"> <li>• Regular harvest is permitted that meets the residual pattern requirement as specified in the Clearcut Harvest Layout Planning section of the CROs (Section 4.2.2.2.16)</li> <li>• Wildlife trees that may function as potential nest, perch, and roost sites will be retained preferentially based on the following order of priority: 1) supercanopy 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.</li> <li>• No high impact activities are permitted from April 1 to August 15 if nest is occupied, except in extraordinary circumstances as specifically identified and justified through an FMP AOC approval process</li> </ul> <p><b><u>OSA - Alternate Nest</u></b>  <u>MMZ1 (0-75m):</u></p> <ul style="list-style-type: none"> <li>• No harvest is permitted.</li> <li>• Renewal and tending operations that retain mature forest with canopy closure <math>\geq 60\%</math> (canopy openings not to exceed individual tree crowns) and retains trees that are potential nest, perch or roost site trees are permitted (examples of restricted operations include aerial herbicide application or mechanical site preparation).</li> </ul>		<p style="text-align: center;">Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 68-72, Glossary pages 207-208.</p>	No	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

OSP, OSA, or OSI	A. Operational Prescriptions for Areas of Concern		Exception
	<p><u>MMZ2 (75-150m):</u></p> <ul style="list-style-type: none"> <li>• Harvest, renewal and tending operations must retain mature forest with canopy closure ≥60% (canopy openings not to exceed individual tree crowns)</li> <li>• Wildlife trees that may function as potential nest, perch, and roost sites will be retained preferentially based on the following order of priority: 1) supercanopy 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.</li> </ul> <p><b>OSI - Inactive Nest</b></p> <p><u>MMZ1 (0-20m):</u></p> <ul style="list-style-type: none"> <li>• No harvest is permitted.</li> <li>• Renewal and tending operations that retain mature forest with canopy closure ≥60% (canopy openings not to exceed individual tree crowns) are permitted (examples of restricted operations include aerial herbicide application or mechanical site preparation).</li> </ul> <p><u>MMZ2 (20-75m):</u></p> <ul style="list-style-type: none"> <li>• Harvest, renewal and tending operations must retain mature forest with canopy closure ≥60% (canopy openings not to exceed individual tree crowns)</li> <li>• Wildlife trees that may function as potential nest, perch, and roost sites will be retained preferentially based on the following order of priority: 1) supercanopy 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.</li> </ul> <p><i>*Harvest that retains relatively uniform canopy closure ≥60% is generally restricted to commercial thinning, preparatory shelterwood harvest, or single tree selection harvest; No harvest is permitted if initial canopy closure &lt;60%.</i></p>		No
	<p><b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b></p> <p>See part C below.</p>	Public Comment	Exception
		No	No
	<p><b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b></p> <p><b>OSP - Primary Nest</b></p> <p><u>MMZ1 (0-75m):</u></p> <ul style="list-style-type: none"> <li>• New roads and landings are not permitted.</li> <li>• No operations associated with roads and landings are permitted from April 1 to August 15 if nests are occupied*</li> </ul> <p>If the road predates the nest, low potential impact road maintenance operations or hauling may occur with no timing restriction</p> <p><u>MMZ2 (75-150m):</u></p> <ul style="list-style-type: none"> <li>• New roads and landings are not permitted.</li> <li>• No high or moderate impact operations associated with roads and landings are permitted from April 1 to August 15 if nests are occupied*</li> </ul> <p><u>MMZ3 (150-300m):</u></p> <ul style="list-style-type: none"> <li>• Reasonable efforts will be made to avoid constructing new roads and landings. New roads and landings are not permitted without MNRF approval. Approved new roads will be temporary roads when practical and feasible to limit future access and disturbance.</li> <li>• No high impact operations associated with roads and landings are permitted from April 1 to August 15 if nests are occupied*</li> </ul> <p><i>*unless required for safety reasons, environmental protection, or in extraordinary circumstances as specifically identified and justified through an FMP AOC approval process.</i></p>	Public Comment	Exception
		No	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

OSP, OSA, or OSI	C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
	<p><u>OSA - Alternate Nest</u>  <u>MMZ1 (0-75m):</u></p> <ul style="list-style-type: none"> <li>New roads and landings are not permitted.</li> </ul> <p><u>OSI - Inactive Nest</u>  <u>MMZ1 and MMZ2(0-75m):</u></p> <ul style="list-style-type: none"> <li>New roads and landings are not permitted.</li> </ul>	No	No
	<p><b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b></p>		<b>Exception</b>
	<p><u>OSP - Primary Nest</u>  <u>MMZ1 (0-75m):</u></p> <ul style="list-style-type: none"> <li>New aggregate pits are not permitted.</li> <li>No operations associated with existing pits is permitted from April 1 to August 15 if nests are occupied*</li> </ul> <p><u>MMZ2 (75-150m):</u></p> <ul style="list-style-type: none"> <li>New aggregate pits are not permitted.</li> <li>No high or moderate impact operations associated with existing pits is permitted from April 1 to August 15 if nests are occupied*</li> </ul> <p><u>MMZ3 (150-300m):</u></p> <ul style="list-style-type: none"> <li>Reasonable efforts will be made to avoid constructing new aggregate pits. New aggregate pits are not permitted without MNRF approval.</li> <li>No high impact operations associated with existing pits is permitted from April 1 to August 15 if nests are occupied*</li> </ul> <p><i>*unless required for safety reasons, environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process</i></p> <p><u>OSA - Alternate Nest</u>  <u>MMZ1 &amp; MMZ2 (0-150m):</u></p> <ul style="list-style-type: none"> <li>New aggregate pits are not permitted.</li> </ul> <p><u>OSI - Inactive Nest</u>  <u>MMZ1 and MMZ2(0-75m):</u></p> <ul style="list-style-type: none"> <li>New aggregate pits are not permitted.</li> </ul>		No



MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

PBFL: Pale-bellied Frost Lichen (confidential value)

PBFL	Group AOC	Description of Value		
	No	Suitable habitats associated with occurrences of the pale-bellied frost lichen within the past 20 years as defined by: <ul style="list-style-type: none"> <li>a polygon encompassing the host tree known to contain the pale-bellied frost lichen, and associated habitats that influence the suitability of occupied habitat as delineated by MNRF through field survey; or as otherwise defined by an ESA habitat description or habitat regulation.</li> </ul> (Direction applies to habitat identified by MNRF prior to, or found during, operations.)		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		AOC consists a reserve and a modified zone. AOC consists of a 100 m radius polygon encompassing the host tree and associated habitats that influence the suitability of occupied habitat.  <b>Conditions on Harvest, Renewal and Tending</b>  <u>Reserve (0 – 50 m measured from the host tree(s)):</u> <ul style="list-style-type: none"> <li>Harvest, renewal and tending operations are not permitted</li> <li>Trees will not be felled into the reserve. Trees accidentally felled into the reserve will be left when they fell.</li> </ul> <u>MMZ (50 -100 m measured from the reserve (needed to maintain interior forest conditions, specifically moisture, shade, and air circulation)):</u> <ul style="list-style-type: none"> <li>Substantial, permanent alteration of water flow and levels (ground and surface water) are not permitted.</li> <li>Harvest, renewal, and tending are not permitted unless extraordinary circumstances are specifically identified and justified through the FMP AOC approval process.</li> </ul>	2011 FMP Planning Team with assistance of a SAR biologist and the Habitat Regulation (2012) ESA 28.2 (1). See 2011 FMP AOC Supplementary Document H for additional information	No
		B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
		See part C below.	No	No
		C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
		<u>Reserve &amp; MMZ (100 m AOC)</u> <ul style="list-style-type: none"> <li>New roads and landings are not permitted unless extraordinary circumstances are identified and justified through the FMP AOC approval process including considerations and requirements relative to the ESA.</li> <li>Use and maintenance of existing roads and landings is permitted if the footprint of the road or landing remains unchanged.</li> </ul>	No	No
		D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use		Exception
		<u>Reserve &amp; MMZ (100 m AOC)</u> <ul style="list-style-type: none"> <li>New aggregate pits are not permitted except in extraordinary circumstances as identified and justified through the FMP AOC approval process.</li> <li>Use and maintenance of existing pits is permitted if the footprint remains unchanged.</li> </ul>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

PEFA: Peregrine Falcon nesting site (confidential value)

PEFA	Group AOC	Description of Value			
	Yes	Peregrine Falcon Nests/Nest Habitat. <ul style="list-style-type: none"> <li>Any natural cliff face on which a peregrine falcon is nesting or has nested at any time during the previous 15 years (excluding any part of the cliff face less than 15m between top and base of cliff face), and the area within 1 kilometre of this area.</li> <li>The natural cliff face extends vertically from the base to the top of the cliff face and horizontally in both directions excluding areas where the cliff face is &lt;15m in height. In the field, the top and bottom of the cliff face is defined by the point where the canopy cover of trees is ≥25%.</li> <li>Direction applies to nests known before, or found during, operations</li> </ul>			
<b>A. Operational Prescriptions for Areas of Concern</b>					
		Operational Prescription	Source	Exception	
		AOC is comprised of a Reserve and three Modified Management Zones (MMZ). AOC distances are measured from the outer limit of the MNRD delineated cliff face nesting habitat. <p><b>Conditions on Harvest, Renewal, and Tending</b></p> <p><u>Reserve (Delineated cliff face habitat and 0-125 m):</u></p> <ul style="list-style-type: none"> <li>Harvest, renewal or tending operations are not permitted.</li> </ul> <p><b>Conditions for MMZ1, MMZ2 and MMZ3:</b></p> <ul style="list-style-type: none"> <li>Harvest, renewal, and tending operations that do not retain RESIDUAL FOREST (see Section 4.2.2.2) are not permitted unless consultation occurs, and direction/approval is provided by MNRD.</li> </ul> <p><u>MMZ1 (125-250 m):</u></p> <ul style="list-style-type: none"> <li>Harvest, renewal or tending operations are not permitted from March 15 to September 1 at the base of the cliff.</li> <li>MODERATE or HIGH IMPACT operations are not permitted from March 15 to September 1 at the top of the cliff.</li> </ul> <p><u>MMZ2 (250-500 m):</u></p> <ul style="list-style-type: none"> <li>MODERATE or HIGH IMPACT operations are not permitted from March 15 to September 1 at the base of the cliff.</li> <li>HIGH IMPACT operations are not permitted from March 15 to September 1 at the top of the cliff.</li> </ul> <p><u>MMZ3 (500-1000 m):</u></p> <ul style="list-style-type: none"> <li>HIGH IMPACT operations are not permitted from March 15 to September 1 at the base of the cliff.</li> </ul>	Specific direction for harvest, renewal and tending activities developed by the 2011 Planning Team. Refer to FMP 2011 Supplementary Document 'H'. Downlisted to Special Concern 2013	No	
		B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception	
		See Part C below.	No	No	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

PEFA	C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
	<p><u>Reserve (Delineated cliff habitat and 0-125 m):</u></p> <ul style="list-style-type: none"> <li>• New roads and landings are not permitted</li> <li>• Operations associated with roads and landings are not permitted</li> </ul> <p><u>MMZ1 (125-250 m):</u></p> <ul style="list-style-type: none"> <li>• New roads and landings are not permitted.</li> <li>• Use of existing roads and landings are not permitted from March 15 to September 1 at the base of the cliff*.</li> <li>• MODERATE or HIGH IMPACT operations associated with roads and landings are not permitted from March 15 to September 1 at the top of the cliff*.</li> </ul> <p><u>MMZ2 and MMZ3 (250-1000 m):</u></p> <ul style="list-style-type: none"> <li>• New roads and landings are not permitted unless consultation occurs, and direction/approval is provided by MNR.</li> <li>• New roads that provide increased access are not permitted within the AOC unless there is no practical or feasible alternative and the road, including specific location, is identified and justified in the FMP AOC approval process.</li> <li>• When roads are constructed within the AOC, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance.</li> <li>• Hauling or LOW IMPACT road maintenance operations are permitted if the road predates the nest.</li> </ul> <p><u>MMZ2 (250-500 m):</u></p> <ul style="list-style-type: none"> <li>• MODERATE or HIGH IMPACT operations associated with roads and landings are not permitted from March 15 to September 1 at the base of the cliff*.</li> <li>• HIGH IMPACT operations associated with roads and landings are not permitted from March 15 to September 1 at the top of the cliff*.</li> </ul> <p><u>MMZ3 (500-1000 m):</u></p> <ul style="list-style-type: none"> <li>• HIGH IMPACT operations associated with roads and landings are not permitted from March 15 to September 1 at the base of the cliff*.</li> </ul> <p>* Unless required for safety reasons or environmental protection, or except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</p>	No	No
	<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Exception</b>
	<p><u>Reserve, MMZ1, MMZ2 above or below the cliff (0-500 m); MMZ3 below the cliff: (500-1000 m):</u></p> <ul style="list-style-type: none"> <li>• New aggregate pits are not permitted.</li> </ul> <p><u>MMZ1 (125-250 m):</u></p> <ul style="list-style-type: none"> <li>• Aggregate extraction from existing pits is not permitted from March 15 to September 1 at the base of the cliff.</li> <li>• MODERATE or HIGH IMPACT operations associated with aggregate extraction from existing pits are not permitted from March 15 to September 1 at the top of the cliff*.</li> </ul> <p><u>MMZ2 (250-500 m):</u></p> <ul style="list-style-type: none"> <li>• MODERATE or HIGH IMPACT operations associated with aggregate extraction from existing pits are not permitted from March 15 to September 1 at the base of the cliff*.</li> <li>• HIGH IMPACT operations associated with aggregate extraction from existing pits are not permitted from March 15 to September 1 at the top of the cliff.</li> </ul> <p><u>MMZ3 (500-1000 m):</u></p> <ul style="list-style-type: none"> <li>• HIGH IMPACT operations associated with aggregate extraction from existing pits are not permitted from March 15 to September 1 at the base of the cliff*.</li> </ul> <p>* Unless required for safety reasons or environmental protection, or except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process</p>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

RHWO: Red-headed woodpecker habitat

RHWO	Group AOC	Description of Value		
	Yes	Suitable habitat occupied by breeding Red-headed Woodpeckers within the past 10 years defined by either: <ul style="list-style-type: none"> <li>• suitable habitat occupied by breeding birds as delineated through field survey</li> <li>• a 3 ha patch of breeding habitat associated with individual Element Occurrence observation points or other reliable sightings associated with breeding activity, or</li> <li>• as otherwise defined by an ESA habitat description or habitat regulation.</li> </ul> (Direction applies to suitable breeding habitat delineated by MNRF prior to, or during, operations.)		
<b>A. Operational Prescriptions for Areas of Concern</b>				
<b>Operational Prescription</b>				
AOC consists of a Reserve and a Modified Management Zone (MMZ). Delineated habitat polygon comprises the AOC. (98 m circular or 3 ha irregular patch)				
<b>Conditions on Harvest, Renewal and Tending</b>				
<u>Reserve (0-20m): (delineated habitat ≤ 20 m)</u>				
<ul style="list-style-type: none"> <li>• No harvest permitted within 20 m of the nest tree.</li> </ul>				
<u>MMZ: 20-98 m (delineated habitat &gt;20 m from nest)</u>				
<ul style="list-style-type: none"> <li>• Harvest that retains &gt; 70 dominant or codominant trees/ha is permitted.</li> <li>• Harvest, renewal, and tending operations are not permitted from May 1 to July 31, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> <li>• Creation of group openings will be encouraged in single tree selection cuts.</li> </ul>				
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
See part C below.				
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
<u>Reserve and MMZ (98 m circular or 3 ha irregular patch):</u>				
<ul style="list-style-type: none"> <li>• Road construction is not permitted from May 1 to July 31 except in extraordinary circumstances and identified and justified through the FMP AOC approval process.</li> </ul>				
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>				
<u>Reserve and MMZ (98 m circular or 3 ha irregular patch):</u>				
<ul style="list-style-type: none"> <li>• New aggregate pits are not permitted within 20 m of the nest.</li> <li>• Aggregate extraction within existing pits is not permitted from May 1 to July 31 except in extraordinary circumstances and identified and justified through the FMP AOC approval process.</li> </ul>				

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

RSP/RSA/RSI: Red-shouldered hawk nests and nesting habitat

<b>RSP, RSA, RSI</b>	<b>Group AOC</b>	<b>Description of Value</b>	
	Yes	Red-shouldered hawk nests and nesting habitat within 400 m known or suspected to have been occupied at least once within the past 5 years: <ul style="list-style-type: none"> <li>• Direction applies to nests known before and found during operations.</li> <li>• Habituated nests may qualify for less restrictive prescriptions with written approval from the MNRF biologist.</li> </ul>	
	<b>A. Operational Prescriptions for Areas of Concern</b>		
<b>Operational Prescription</b>		<b>Source</b>	<b>Exception</b>
The appropriate prescription is selected based on whether the nest is primary, alternate, or inactive. AOC distances are measured from the nest tree. <p><b>Conditions on Harvest, Renewal and Tending:</b></p> <p><b><u>RSP – Primary Nest AOC: either 300 m radius OR 28.8 ha within 400 m Reserve (0-50m or 0.8 ha):</u></b></p> <ul style="list-style-type: none"> <li>• No harvest, renewal and tending operations are permitted. If accidental harvest occurs within 50 m of a nest, a 0.8 ha unharvested patch as circular as possible (to minimize edge), will be retained as nesting habitat.</li> </ul> <p><b><u>MMZ1 (50-200m or 12 ha):</u></b></p> <ul style="list-style-type: none"> <li>• Harvest, renewal, or tending are not permitted from March 15 to July 15 when primary nest is occupied. *</li> <li>• Operations that change the development stage or that create canopy gaps &gt; 0.1 ha are not permitted.</li> <li>• Harvest will be completed using single tree selection only and will not create canopy openings that exceed individual tree crowns.</li> <li>• The over-story canopy closure will be kept ≥ 70% using dominant or co-dominant trees. If the pre-harvest stand condition has a canopy closure &lt;70% no harvest is permitted.</li> <li>• Old growth characteristics will be retained in 7 ha of forest by retaining a residual stand structure of approximately 5-5-5-5 m<sup>2</sup>/ha<sup>1</sup> for poles, small logs, medium logs, and large logs, whenever possible.</li> <li>• The remaining 5 ha will have residual stand structure that approximates 6-6-5-3 m<sup>2</sup>/ha<sup>1</sup> for poles, small logs, medium logs, and large logs as closely as possible.</li> </ul> <p><b><u>MMZ2 (200-300m or 16 ha within 400m):</u></b></p> <ul style="list-style-type: none"> <li>• Suitable nesting habitat will be retained as either a 300 m radius circular area centered on the nest or as a contiguous irregularly shaped 16 ha patch within 400 m of the nest (if part of MMZ2 falls below suitable habitat standards due to silvicultural history or objectives). If an irregular patch is used it should be configured to enclose adjacent alternate or inactive nests whenever possible.</li> <li>• The over-story canopy closure will be kept ≥ 70% using dominant or co-dominant trees. If the pre-harvest stand condition has a canopy closure &lt;70% no harvest is permitted.</li> <li>• The residual stand structure should approximate 6-6-5-3 m<sup>2</sup>/ha<sup>1</sup> for poles, small logs, medium logs, and large logs as closely as possible.</li> </ul> <p><b><u>RSA – Alternate Nest AOC: either 50 m radius or 0.8 ha Reserve (0-50m):</u></b></p> <ul style="list-style-type: none"> <li>• No harvest, renewal and tending operations are permitted. If accidental harvest occurs within 50 m of a nest before discovery of the nest, a 0.8 ha unharvested patch, as circular as possible (to minimize edge), will be retained as nesting habitat</li> </ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 77-81. Glossary pages 207-208.	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

<b>RSP, RSA, RSI</b>	<b>A. Operational Prescriptions for Areas of Concern</b>	<b>Source</b>	<b>Exception</b>
	<p><b><u>RSI – Inactive Nest AOC: either 20 m radius or 0.1 ha</u></b>  <u>MMZ (0-20m):</u></p> <ul style="list-style-type: none"> <li>No harvest is permitted if nest is in good repair.</li> <li>If nest is confirmed to be in poor condition, the nest tree will be retained as a wildlife tree. (CRO 4.2.2.2.4)</li> </ul> <p><sup>1</sup> When the BA target for a specific size class cannot be achieved because of initial stand conditions, a compensating amount of BA can be retained in a larger size class.  <i>*except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p>		No
	<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
	See part C below.	No	No
	<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
	<p><b><u>RSP – Primary Nest AOC:</u></b>  <u>Reserve (0-50m or 0.8 ha):</u></p> <ul style="list-style-type: none"> <li>New roads and landings are not permitted.</li> <li>Operations associated with roads or landings are not permitted when nests are occupied from March 15 to July 15 unless required for environmental protection or in extraordinary circumstances as identified and justified through the FMP AOC approval process.</li> <li>There is no timing restriction on hauling or low impact road maintenance operations if the road predates the nest.</li> </ul> <p><u>MMZ1 (50-200m or 12 ha):</u></p> <ul style="list-style-type: none"> <li>New roads and landings are not permitted within the 7-ha patch of suitable (old growth) nesting habitat retained within 200 m.</li> <li>Construction of new roads and landings in the suitable nesting habitat retained in this zone may be approved by MNRF if there are no feasible alternatives. If new roads are constructed, temporary roads and/or water crossings will be used whenever possible and the width will be kept as narrow as possible, preferably less than 10 m. New landings should preferably be temporary and be kept less than 0.1 ha in size.</li> <li>High and medium impact operations associated with roads or landings are not permitted when nests are occupied from March 15 to July 15 unless approved by MNRF.</li> <li>There is no timing restriction on hauling or low impact road maintenance operations if the road predates the nest.</li> </ul> <p><u>MMZ2 (200-300m or 16 ha within 400m):</u></p> <ul style="list-style-type: none"> <li>There are no restrictions on roads and landings.</li> </ul>	No	No
	<p><b><u>RSA – Alternate Nest AOC:</u></b>  <u>Reserve:0-50m</u></p> <ul style="list-style-type: none"> <li>New roads and landings are not permitted within 50 m of the nest.</li> </ul>		
	<p><b><u>RSI – Inactive Nest AOC:</u></b>  <u>MMZ (0-20m):</u></p> <ul style="list-style-type: none"> <li>Reasonable efforts will be made to avoid constructing new roads and landings.</li> <li>New roads and landings are not permitted within 20 m of the nest unless approved by MNRF.</li> </ul>		

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

RSP, RSA, RSI	D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use	Exception
	<p><b><u>RSP – Primary Nest AOC:</u></b></p> <p><u>Reserve (0-50m or 0.8 ha):</u></p> <ul style="list-style-type: none"> <li>• New pits are not permitted.</li> <li>• Operations associated with pits are not permitted when nests are occupied from March 15 to July 15 unless approved by MNRF.</li> </ul> <p><u>MMZ1 (50-200m or 12 ha):</u></p> <ul style="list-style-type: none"> <li>• New pits are not permitted within the 7-ha patch of suitable (old growth) nesting habitat retained within 200 m.</li> <li>• Reasonable efforts will be made to avoid constructing new aggregate pits within 50-200 m or primary nests or nests within forest retained as suitable nesting habitat. Constructing new pits in the suitable nesting habitat retained in this zone may be approved by MNRF if there are no feasible alternatives. New pits should preferably be temporary and be kept less than 0.1 ha in size.</li> <li>• High and medium impact operations associated with aggregate pits are not permitted when nests are occupied from March 15 to July 15 unless approved by MNRF.</li> </ul> <p><u>MMZ2 (200-300m or 16 ha within 400m):</u></p> <ul style="list-style-type: none"> <li>• There are no restrictions on pits.</li> </ul> <p><b><u>RSA – Alternate Nest AOC:</u></b></p> <p><u>Reserve:0-50m</u></p> <ul style="list-style-type: none"> <li>• New pits are not permitted within 50 m of the nest.</li> </ul> <p><b><u>RSI – Inactive Nest AOC:</u></b></p> <p><u>MMZ (0-20m):</u></p> <ul style="list-style-type: none"> <li>• Reasonable efforts will be made to avoid constructing new aggregate pits within 20m of inactive nests; MNRF will be notified of the new aggregate pit prior to work commencing.</li> </ul>	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

FSARB: Forest Nesting Special Concern Birds

<b>FSARB</b>  Includes: RUBL, CAWA, OSFC, EAWP, WOTH	<b>Group AOC</b>	<b>Description of Value</b>		
	Yes	Suitable forest habitat occupied by breeding Special Concern Birds, specifically including Rusty blackbird, olive-sided flycatcher, Canada warbler, Eastern Wood-pewee, Wood Thrush or other newly listed 'Special Concern' birds, used within the past 10 years defined by either: <ul style="list-style-type: none"> <li>• suitable habitat occupied by breeding birds as delineated through field survey,</li> <li>• a 10-ha patch of suitable habitat associated with individual Element of Occurrence observation points or other reliable sightings associated with breeding activity, or</li> <li>• as otherwise defined by an ESA habitat description or habitat regulation.</li> <li>• Direction applies to suitable breeding habitat delineated by MNRFP prior to or during operations.</li> </ul>		
	<b>A. Operational Prescriptions for Areas of Concern</b>			
	<b>Operational Prescription</b>		<b>Source</b>	<b>Exception</b>
	AOC consists of a Modified Management Zone (MMZ). Delineated habitat polygon comprises the AOC.  <b>Conditions on Harvest, Renewal and Tending</b>  <u><b>Modified Management Zone (MMZ):</b></u> delineated habitat polygon (178 m circular or 10 ha irregular patch) <ul style="list-style-type: none"> <li>• Harvest, renewal, and tending operations are not permitted from May 1 to July 31.</li> </ul>		New AOC grouping developed by the Planning Team for forest-nesting special concern birds including Rusty Blackbird, Canada Warbler, Olive-sided Flycatcher, Eastern Wood-pewee, Wood Thrush or other birds assessed as Special Concern under ESA and/or SARA.  Based on Direction from Southern Region.	No
	<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
	See part C below.		No	No
	<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
	<ul style="list-style-type: none"> <li>• Road construction is not permitted within the AOC from May 1 to July 31 except in extraordinary circumstances and is identified and justified through the FMP AOC approval process.</li> </ul>		No	No
	<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Exception</b>
<ul style="list-style-type: none"> <li>• New aggregate pits are not permitted within the AOC.</li> <li>• Aggregate extraction within existing pits is not permitted within the AOC from May 1 to July 31 except in extraordinary circumstances and is identified and justified through the FMP AOC approval process.</li> </ul>			No	



MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

SEO: Short-eared owl ground nests

SEO	Group AOC	Description of Value		
	Yes	Ground nests occupied by the short-eared owl <ul style="list-style-type: none"> <li>• Direction applies to all nests occupied before or found during operations.</li> <li>• Habituated nests may qualify for less restrictive prescriptions with written approval from the MNRF biologist.</li> </ul>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
<b>Operational Prescription</b>				
AOC consists of three Modified Management Zones (MMZ). The AOC distances are measured from the nest. Total AOC radius = 100 m.				
<b>Conditions on Harvest, Renewal and Tending</b>				
<u>MMZ1 (0-25m):</u> <ul style="list-style-type: none"> <li>• No harvest, renewal or tending operations are permitted from March 15 to July 15*</li> </ul>				
<u>MMZ2 (25-50m):</u> <ul style="list-style-type: none"> <li>• No moderate or high impact operations are permitted from March 15 to July 15*</li> </ul>				
<u>MMZ3 (50-100m):</u> <ul style="list-style-type: none"> <li>• No high impact operations are permitted from March 15 to July 15*</li> </ul>				
<i>*except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i>				
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
See part C below.				
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				
If nests are occupied, the following applies from March 15 to July 15*:				
<u>MMZ1 (0-25m):</u> No operations associated with roads and landings are permitted. If the road predates the nest, low potential impact road maintenance operations or hauling may occur with no timing restriction.				
<u>MMZ2 (25-50m):</u> No high or moderate impact operations associated with roads and landings are permitted;				
<u>MMZ3 (50-100m):</u> No high impact operations associated with roads and landings are permitted;				
<i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i>				
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>				
If nests are occupied, the following applies from March 15 to July 15*:				
<u>MMZ1 (0-25m):</u> No operations associated with aggregate pits are permitted;				
<u>MMZ2 (25-50m):</u> No high or moderate impact operations associated with aggregate pits are permitted;				
<u>MMZ3 (50-100m):</u> No high impact operations associated with aggregate pits are permitted;				
<i>* unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i>				
		<b>Source</b>	<b>Exception</b>	
		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 87-88	No	
		<b>Public Comment</b>	<b>Exception</b>	
		No	No	
		<b>Public Comment</b>	<b>Exception</b>	
		No	No	
			<b>Exception</b>	
			No	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

SPCC: Plant communities of provincial conservation concern

SPCC	Group AOC	Description of Value			
	Yes	Patch of any number of S1, S2 or S3 ranked vascular plants, bryophytes, or lichens or field verified ecosite polygons for any S1, S2 or S3 Plant Community of provincial conservation concern and habitat within a 30 m radius of the periphery of the patch or including the stand or ELC polygon. <ul style="list-style-type: none"> <li>Ranking status is assigned by Natural Heritage Information Centre.</li> <li>MNRF has option of not requiring an AOC where forest operations proposed are deemed to be of overall benefit to the species relative to site specific circumstances. (Direction applies to patches identified by MNRF prior to, or during, operations.)</li> </ul>			
<b>A. Operational Prescriptions for Areas of Concern</b>					
		Operational Prescription	Source	Exception	
		AOC consists of a Reserve. AOC includes delineated plant patch plus 30 m measured out from the edge of the delineated patch or ELC polygon. <b>Conditions on Harvest, Renewal and Tending</b> <u>Reserve (delineated patch and 0 – 30 m or the stand/ELC polygon (&gt;0.5ha)):</u> <ul style="list-style-type: none"> <li>Harvest, renewal, tending, and machine travel are not permitted.</li> <li>Trees will not be felled into this area. Trees accidentally felled into this area will be left where they fall.</li> </ul>	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pp. 103, 106-108 for rare vegetation communities and the planning team.	No	
		<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
		See part C below.		No	No
		<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
		<ul style="list-style-type: none"> <li>New roads and landings are not permitted unless extraordinary circumstances are identified and justified through the FMP AOC approval process.</li> <li>Use and maintenance of existing roads and landings is permitted if the footprint of the road or landing remains unchanged.</li> </ul>		No	No
		<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Exception</b>
		<ul style="list-style-type: none"> <li>New aggregate pits are not permitted within the AOC.</li> </ul>			No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

ST: Spotted turtle habitats (confidential value)

ST	Group AOC	Description of Value		
	Yes	<p>Suitable aquatic and associated habitats occupied by the <b>Spotted Turtle</b> within the past 20 years defined by either</p> <ul style="list-style-type: none"> <li>• suitable aquatic habitats known to be occupied by a local population of turtles, as delineated through field survey, and terrestrial habitats within 300 m of these aquatic habitats,</li> <li>• suitable aquatic habitats with a high likelihood of being occupied by a local population of turtles based on proximity (&lt; 500 m) to individual Element of Occurrence observation points or other reliable sightings, and terrestrial habitats within 300 m these aquatic habitats,</li> <li>• as otherwise defined by an ESA habitat description or habitat regulation.</li> <li>• Suitable aquatic habitat is defined as aquatic features that have a high potential to be used either during the active season (suitable summer habitat) or during hibernation (suitable winter habitat), as identified by MNRF based on field surveys or other reliable methods.</li> </ul> <p>(Direction applies to habitat identified by MNRF prior to, or during, operations)</p>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
<p>The AOC consists of two Reserves and two Modified Management Zones (MMZ).</p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><u>Reserve1 (Delineated Habitat Feature plus 0 – 30m):</u></p> <ul style="list-style-type: none"> <li>• Harvest, renewal, and tending operations are not permitted: <ul style="list-style-type: none"> <li>- within 30 m of delineated nesting sites;</li> <li>- within 30 m of delineated aquatic habitat; and/or</li> <li>- within 30 m of delineated aestivation sites.</li> </ul> </li> </ul> <p><u>Reserve2 (Delineated Winter Habitat (Feature only)):</u></p> <ul style="list-style-type: none"> <li>• Operations involving heavy equipment (e.g., mechanical harvesters, skidders, bulldozers) or otherwise representing a potential injury risk to turtles are not permitted within suitable winter habitat during any season.</li> </ul> <p><u>MMZ1 (30-150m):</u></p> <ul style="list-style-type: none"> <li>• Operations involving heavy equipment (e.g., mechanical harvesters, skidders, bulldozers) or otherwise representing a potential injury risk to turtles are not permitted within 150 m of suitable summer habitat during the active season (April 1 to October 31) *.</li> </ul> <p><u>MMZ2 (150-300m):</u></p> <ul style="list-style-type: none"> <li>• Operations involving heavy equipment (e.g., mechanical harvesters, skidders, bulldozers) or otherwise representing a potential injury risk to turtles are not permitted within 150-300 m of suitable summer habitat from June 1 to 30*.</li> </ul> <p><i>* MNRF may use local knowledge to adjust these dates.</i></p>		<p>Revised Direction for Blanding's turtles (i.e. Amendment to the Forest Management Guide for Conserving Biodiversity at the Stand &amp; Site Scales)</p>	<p>No</p>	
		B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
<p>See part C below.</p>			<p>No</p>	<p>No</p>

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

ST	C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
	<p><u>Total AOC (based upon MNRF delineated habitat and/or habitat features):</u></p> <ul style="list-style-type: none"> <li>• Water drawdowns are not permitted in suitable aquatic habitat*.</li> <li>• During the active season, use of existing roads within the AOC will require driver awareness training.</li> <li>• Use of roads within the AOC will be accompanied by a strategy to mitigate potential for traffic-related mortality of turtles if the road is used during the active season.</li> </ul> <p>Tactics may include:</p> <ul style="list-style-type: none"> <li>o modifying driver behaviour through use of warning signs,</li> <li>o reducing volume of traffic through use of access control measures such as gates,</li> <li>o restricting speed through training, signage, or speed control devices, or</li> <li>o other methods developed in consultation with MNRF.</li> </ul> <ul style="list-style-type: none"> <li>• Reasonable efforts will be made to ensure roads constructed within the AOC will be located to avoid key habitat features (i.e., nesting sites, hibernacula) and concentrations of turtle sightings and to minimize access within the AOC. Roads will be located in consultation with MNRF.</li> <li>• Reasonable efforts will be made to promptly decommission new roads or implement access control measures within the AOC.</li> <li>• When roads are constructed within the AOC, reasonable efforts will be made to use winter roads and temporary water crossings.</li> </ul> <p><u>Reserve (0-30 m):</u></p> <ul style="list-style-type: none"> <li>• New roads (including winter roads) are not permitted. Roads are also not permitted within 30 m of known or suspected nesting sites, or within 30 m of known or suspected aestivation sites.</li> <li>• Water drawdowns are not permitted*.</li> <li>• During the nesting and incubation periods (June 1 to October 31) road maintenance operations that disturb the roadbed (except that required for safety reasons or environmental protection) are not permitted. Road maintenance operations are also not permitted along other road segments known or suspected to be used for nesting during this time period. The timing of this restriction may be adjusted with MNRF approval to reflect annual variation in weather or other local factors.</li> </ul> <p><u>MMZ1 (30-150m):</u></p> <ul style="list-style-type: none"> <li>• Landings are not permitted.</li> <li>• New all-weather roads are not permitted unless there is no practical or feasible alternative, and the road, including the specific location are identified and justified with MNRF approval.</li> <li>• Road construction is not permitted during the active season (April 1 to October 31)</li> <li>• During the nesting and incubation periods (June 1 to October 31) road maintenance operations that disturb the roadbed (except that required for safety reasons or environmental protection) are not permitted. Road maintenance operations are also not permitted along other road segments known or suspected to be used for nesting during this time period. The timing of this restriction may be adjusted with MNRF approval to reflect annual variation in weather or other local factors.</li> <li>• Hauling is not permitted during the active season, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process**.</li> <li>• Dust control may be accomplished with the use of water only.</li> </ul>	No	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

ST	C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
	<p><u>MMZ2 (150-300m):</u></p> <ul style="list-style-type: none"> <li>Reasonable effort will be made to avoid constructing new all-weather roads and landings, as specifically approved by MNRF as per the FMP AOC approval process.</li> <li>Road construction is not permitted from June 1 to June 30.</li> <li>Hauling is not permitted during the nesting period, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process**.</li> </ul> <p><i>*Water drawdowns include operations that adversely affect the function of suitable aquatic habitat. These operations include operations that will result in permanent changes to water levels in suitable aquatic habitat, except where beaver activity has affected a water crossing and the resulting water levels are likely to create a safety or environmental concern, and the activity will not lower water level below that present before the beaver activity. Drawdowns affecting aquatic habitats should ideally occur in the summer months.</i></p> <p><i>**Unless otherwise specified, the restriction on hauling or other forestry-related traffic applies to operational roads and any other roads that are used primarily by the forest industry.</i></p>	No	No
	<p><b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b></p> <p><u>Reserve &amp; MMZ1 (0-150m):</u></p> <ul style="list-style-type: none"> <li>New aggregate pits are not permitted.</li> <li>Aggregate extraction from existing pits is not permitted during the active season (April 1 to October 31).</li> <li>Dust control may be accomplished with the use of water only.</li> </ul> <p><u>MMZ2 (150-300m):</u></p> <ul style="list-style-type: none"> <li>Aggregate extraction is not permitted during the nesting period from June 1 to June 30.</li> <li>Reasonable efforts will be made to avoid constructing new aggregate pits, as specifically approved by MNRF as per the FMP AOC approval process.</li> </ul>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

TV: Turkey vulture ground nests

TV	Group AOC	Description of Value			
	Yes	<b>Ground nests occupied by the turkey vulture:</b> <ul style="list-style-type: none"> <li>Habituated nests may qualify for less restrictive prescriptions with written approval from the MNRF biologist).</li> <li>Direction applies to all nests occupied before or found during operations.</li> </ul>			
<b>A. Operational Prescriptions for Areas of Concern</b>					
<b>Operational Prescription</b>				<b>Source</b>	<b>Exception</b>
AOC consists of three Modified Management Zones (MMZ). The AOC distances are measured from the ground nest. Total AOC radius = 150 m.  <b>Conditions on Harvest, Renewal and Tending</b> <u>MMZ1 (0-40m):</u> <ul style="list-style-type: none"> <li>No harvest, renewal or tending operations are permitted from May 1 to August 31*</li> </ul> <u>MMZ2 (40-75m):</u> <ul style="list-style-type: none"> <li>No moderate or high impact operations are permitted from May 1 to August 31*</li> </ul> <u>MMZ3 (75-150m):</u> <ul style="list-style-type: none"> <li>No high impact operations are permitted from May 1 to August 31*</li> </ul> <p><i>*except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process</i></p>				Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 87-88	No
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				<b>Public Comment</b>	<b>Exception</b>
See part C below.				No	No
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				<b>Public Comment</b>	<b>Exception</b>
If nests are occupied, the following applies from May 1 to August 31*: <u>MMZ1(0-40m):</u> No operations associated with roads and landings are permitted. If the road predates the nest, low potential impact road maintenance operations or hauling may occur with no timing restriction; <u>MMZ2(40-75m):</u> No high or moderate impact operations associated with roads and landings are permitted; <u>MMZ3(75-150m):</u> No high impact operations associated with roads and landings are permitted;  <i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process</i>				No	No
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>					<b>Exception</b>
If nests are occupied, the following applies from May 1 to August 31*: <u>MMZ1(0-40m):</u> No operations associated with aggregate pits are permitted; <u>MMZ2(40-75m):</u> No high or moderate impact operations associated with aggregate pits are permitted; <u>MMZ3(75-150m):</u> No high impact operations associated with aggregate pits are permitted;  <i>*unless required for safety reasons or environmental protection, or in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process</i>					No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

WD: Wolf dens (confidential value)

WD	Group AOC	Description of Value		
	Yes	Suitable dens known or suspected to have been occupied by Algonquin wolf (aka Eastern Wolf) at least once within the past 10 years.  (Direction applies to dens known before, or found during, operations).		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		<p>AOC consists of three Modified Management Zones (MMZ). AOC distances are measured from the den entrance. Total AOC radius = 200 m.</p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><u>MMZ1 (0-50m):</u></p> <ul style="list-style-type: none"> <li>No harvest is permitted.</li> <li>Renewal and tending operations that reduce the overstory canopy closure are not permitted. Renewal and tending operations are not permitted from April 1 to June 30.</li> </ul> <p><u>MMZ2 (50-100m):</u></p> <ul style="list-style-type: none"> <li>No harvest, renewal or tending operations are permitted from April 1 to June 30, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> <li>Harvest, renewal and tending operations must retain mature forest with ≥60% relatively uniform canopy (canopy openings not to exceed individual tree crowns) *.</li> <li>No harvest is permitted if initial canopy closure is ≤ 60%.</li> </ul> <p><u>MMZ3 (100-200m):</u></p> <ul style="list-style-type: none"> <li>No harvest, renewal or tending operations are permitted from April 1st to June 30, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</li> </ul> <p><i>*Harvest that retains ≥60% relatively uniform canopy closure is generally restricted to commercial thinning, preparatory shelterwood harvest, single tree selection, or yellow birch juvenile spacing.</i></p>	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 96-97	No
		B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
		See part C below.	No	No
		C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
		<p><u>Reserve &amp; MMZ1(0-100m):</u></p> <ul style="list-style-type: none"> <li>New roads and landings are not permitted.</li> <li>Hauling and road maintenance operations are not permitted from April 1 to June 30 unless the road predates the den, is required for safety reasons or environmental protection as approved by MNR, or except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process</li> </ul>	No	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

WD	C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
	<p><u>MMZ2(100-200m):</u></p> <ul style="list-style-type: none"> <li>• Reasonable efforts will be made to avoid constructing new roads and landings. New roads and landings are not permitted without approval by MNRF. If road is approved, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance.</li> <li>• Road construction is not permitted from April 1 to June 30*</li> </ul> <p><i>* except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process.</i></p>	No	No
	<p><b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b></p> <p><u>Reserve &amp; MMZ1(0-100m):</u></p> <ul style="list-style-type: none"> <li>• New aggregate pits are not permitted.</li> <li>• Aggregate extraction from existing pits is not permitted from April 1 to June 30*</li> </ul> <p><u>MMZ2(100-200m):</u></p> <ul style="list-style-type: none"> <li>• Reasonable efforts will be made to avoid constructing new aggregate pits. New aggregate pits are not permitted without approval by MNRF.</li> <li>• Aggregate extraction from existing pits is not permitted from April 1 to June 30*</li> </ul> <p><i>* except in extraordinary circumstances as specifically identified and justified through an FMP AOC approval process.</i></p>		No



MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

WHIP: Whip-poor-will nesting territories

WHIP	Group AOC	Description of Value		
	Yes	Nesting Territories known or suspected to be occupied by the Whip-poor-will at least once within the past 10 years, <ul style="list-style-type: none"> <li>• suitable habitat occupied by breeding birds as delineated through field survey,</li> <li>• a 10 ha patch of suitable habitat associated with individual Element Occurrence observation points or other reliable sightings associated with breeding activity, or</li> <li>• as otherwise defined by an ESA habitat description or habitat regulation.</li> </ul> (Direction applies to all suitable breeding habitat delineated by MNRF, and is applicable to sites known before, or found during, operations.)		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		AOC consists of a Modified Management Zone (MMZ). Delineated habitat polygon comprises the AOC.  <b>Conditions on Harvest, Renewal and Tending</b>  <u>MMZ (178 m circular or irregular 10 ha patch):</u> <ul style="list-style-type: none"> <li>• Harvest, renewal, and tending operations are not permitted from May 15 to September 15, except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process</li> </ul>	AOC carried forward from 2011 FMP  MNRF recommendation to ensure compliance with Endangered Species Act since this species was listed as Threatened and its general habitat was regulated in September 2009. Refer to AOC Supp. Doc. H in 2011 FMP  COSEWIC. 2009. COSEWIC assessment and status report on the Whip-poor-will <i>Caprimulgus vociferus</i> in Canada. Committee on the Status of Endangered Wildlife in Canada. Ottawa. vi + 28 pp.	No
		B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
		See part C below.	No	No
		C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
		<u>MMZ (delineated habitat polygon):</u> <ul style="list-style-type: none"> <li>• New road construction or new landings are not permitted within the AOC unless identified, justified, and approved by MNRF as per FMP AOC approval process.</li> <li>• Maintenance of existing roads and landings is not permitted within the AOC from May 15 to September 15 unless identified, justified, and approved by MNRF as per FMP AOC approval process.</li> </ul>	No	No
		D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use		Exception
		<u>MMZ (delineated habitat polygon):</u> <ul style="list-style-type: none"> <li>• New aggregate pits are not permitted within the AOC unless identified, justified, and approved by MNRF as per FMP AOC approval process.</li> <li>• Aggregate extraction within existing pits is not permitted within the AOC from May 15 to September 15.</li> </ul>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

WRV: Wolf rendezvous sites (confidential value)

WRV	Group AOC	Description of Value		
	Yes	Rendezvous sites known to have received traditional use by the Algonquin wolf (aka eastern wolf) and habitat within a 200 m radius or as otherwise defined by an ESA habitat description or habitat regulation. Direction applies to sites known before or found during operations.		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		<p>AOC consists of a Reserve and two Modified Management Zones (MMZ). AOC distances are measured from the outside edge of the delineated rendezvous site. Total AOC radius= 200 m.</p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><u>Reserve (0-50m):</u></p> <ul style="list-style-type: none"> <li>No harvest, renewal or tending operations are permitted.</li> </ul> <p><u>MMZ1 (50-100m):</u></p> <ul style="list-style-type: none"> <li>No harvest, renewal or tending operations are permitted from May 15 to September 15*</li> <li>No harvest is permitted if initial canopy closure is &lt;50%.</li> <li>Harvest, renewal and tending operations that retain residual forest are permitted.</li> </ul> <p><u>MMZ2 (100-200m):</u></p> <ul style="list-style-type: none"> <li>No harvest, renewal or tending operations are permitted from May 15 to September 15*</li> </ul> <p><i>* except in extraordinary circumstances as specifically identified and justified through an FMP AOC approval process.</i></p>	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 128-129	No
		<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		
		See part C below.	No	No
		<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		
		<p><u>Reserve(0-50m):</u></p> <ul style="list-style-type: none"> <li>New roads and landings are not permitted.</li> <li>Hauling and road maintenance operations are not permitted from May 15 to September 15 unless the road predates the rendezvous site, or except in extraordinary circumstances as specifically identified through the FMP AOC approval process.</li> </ul> <p><u>MMZ1(50-100m):</u></p> <ul style="list-style-type: none"> <li>New roads and landings are not permitted.</li> <li>Hauling and road maintenance operations are not permitted from May 15 to September 15 unless the road predates the rendezvous site, or except in extraordinary circumstances as specifically identified through the FMP AOC approval process.</li> </ul>	No	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

WRV	C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
	<p><u>MMZ2(100-200m):</u></p> <ul style="list-style-type: none"> <li>• Reasonable efforts will be made to avoid constructing new roads and landings. New roads and landings are not permitted without approval by MNRF. If roads are approved, temporary roads and/or water crossings will be used whenever practical and feasible to limit future access and disturbance.</li> <li>• No road construction is permitted from May 15 to September 15*</li> </ul> <p><i>* except in extraordinary circumstances as specifically identified and justified through an FMP AOC approval process.</i></p>	No	No
	<p><b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b></p> <p><u>Reserve &amp; MMZ1(0-100m):</u></p> <ul style="list-style-type: none"> <li>• New aggregate pits are not permitted.</li> <li>• Aggregate extraction from existing pits is not permitted from May 15 to September 15*</li> </ul> <p><u>MMZ2(100-200m):</u></p> <ul style="list-style-type: none"> <li>• Reasonable efforts will be made to avoid constructing new aggregate pits. New aggregate pits are not permitted without approval by MNRF.</li> <li>• Aggregate extraction from existing pits is not permitted from May 15 to September 15*</li> </ul> <p><i>* except in extraordinary circumstances as specifically identified and justified through an FMP AOC approval process.</i></p>	No	Exception

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

WsarB: Wetland breeding habitat used by Species at Risk Birds (Black terns, golden-winged warblers, least bitterns, or yellow rails)

WsarB	Group AOC	Description of Value		
	Yes	Suitable wetland habitat occupied by breeding black terns, golden-winged warblers, least bitterns, or yellow rails within the past 20 years (least bittern) or 10 years (black tern, golden-winged warbler, yellow rail) defined by either: <ul style="list-style-type: none"> <li>• suitable habitat occupied by breeding birds as delineated through field survey,</li> <li>• a 5 ha (least bittern), 10 ha (golden-winged warbler), 15 ha (yellow rail) or 20 ha (black tern) patch of suitable non-forested wetland habitat (or the entire wetland polygon if &lt;5/10/15/20 ha) associated with individual Element Occurrence observation points or other reliable sightings associated with breeding activity, or</li> <li>• as otherwise defined by an ESA habitat description or habitat regulation.</li> </ul> (Direction applies to suitable breeding habitat delineated by MNRFP prior to, or found during, operations.)		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
AOC consists of a Reserve. Delineated habitat comprises the AOC.  <b>Conditions on Harvest, Renewal and Tending</b>  <u>Reserve (variable AOC depending upon species (can be irregular shape)):</u> <ul style="list-style-type: none"> <li>• No harvest, renewal or tending operations are permitted.</li> </ul>		Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 125-126.	No	No
		B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
See part C below.		No	No	No
		C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
<u>Reserve (variable AOC depending upon species):</u> <ul style="list-style-type: none"> <li>• New all-weather roads and landings are not permitted.</li> <li>• Water drawdowns or other activities that significantly alter hydrological regime are not permitted.</li> <li>• New winter roads are not permitted unless there is no practical or feasible alternative, reasonable efforts will be made to mitigate potential impact on occupied habitat, and the road, including specific location, is identified, and justified through the FMP AOC approval process.</li> </ul> Also see Conditions for Important Ecological Features for mapped permanent non-forested wetlands (in Section 4.2.2.2).		No	No	No
		D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use	<b>Exception</b>	
<u>Reserve (variable AOC depending on species):</u> <ul style="list-style-type: none"> <li>• New aggregate pits are not permitted.</li> <li>• Water drawdowns or other activities that significantly alter hydrological regime are not permitted.</li> </ul>		No		

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

WT: Wood turtle habitat (confidential value)

WT	Group AOC	Description of Value		
	Yes	<p>Suitable aquatic and terrestrial habitats occupied by the wood turtle within the past 80 years, unless deemed to be locally extirpated, defined by:</p> <ul style="list-style-type: none"> <li>• water features being used by a wood turtle or on which a turtle directly depends in order to carry on its life process, up to the high-water mark;</li> <li>• water features that provide suitable habitat conditions, up to the high-water mark, that is within 6,000 metres of known occupied water features;</li> <li>• the area above the high-water mark that is within 500 metres of the above identified water features;</li> <li>• an area known or suspected as being used by a wood turtle as a hibernaculum; and</li> <li>• an area known or suspected as being used by a wood turtle as a nesting site or that is within 300 metres of that area.</li> </ul> <p>(Direction applies to sites identified prior to, or during, operations.)</p>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		<p>The AOC consists of two Reserves and a Modified Management Zone (MMZ) measured from the high-water mark or specific habitat feature as delineated by MNRF.</p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><u>Reserve 1 (General Aquatic Habitat Features and/or Nesting Areas, and adjacent area 0 – 30 m):</u></p> <ul style="list-style-type: none"> <li>• Harvest, renewal, and tending operations are not permitted within 30 m of known or suspected nesting areas, and/or delineated aquatic habitat features.</li> </ul> <p><u>Reserve 2 (Winter Habitat/Hibernacula features and adjacent aquatic habitat within 200 m):</u></p> <ul style="list-style-type: none"> <li>• Harvest, renewal, and tending operations are not permitted.</li> </ul> <p><u>MMZ (outer limit of Reserve1 to 500 m (30-500 m)):</u></p> <ul style="list-style-type: none"> <li>• Operations involving heavy equipment (e.g., mechanical harvesters, skidders, bulldozers) or otherwise representing a potential injury risk to turtles are not permitted from May 1 to September 30 unless approved by MNRF.</li> <li>• Application of herbicides is not permitted from May 1 to September 30 unless specifically authorized/approved by MNRF.</li> </ul>	<p>Planning Team (See FMP 2011 Supp Doc H)</p> <p>Regulated Wood Turtle Habitat (Ontario Regulation 437/09 made under the ESA, 2007, amending 242/08 with addition of Section 31); ESA,2007 Section 9 for Harm and Harass.</p>	No
		<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		
		See part C below.	No	No
		<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		
		<p><u>Reserve1 (General Aquatic Habitat Feature and/or Nesting Areas, and adjacent area 0-30 m):</u></p> <ul style="list-style-type: none"> <li>• New roads and landings are not permitted unless specifically approved by MNRF.</li> <li>• Water drawdowns are not permitted in suitable aquatic habitat*.</li> </ul> <p><u>Reserve2 (Winter Habitat / Hibernacula feature and adjacent aquatic habitat within200 m):</u></p> <ul style="list-style-type: none"> <li>• New water crossings are not permitted.</li> <li>• Reconstruction of existing water crossings within 200 m of known or suspected hibernacula will be considered by MNRF on a case-by-case basis.</li> </ul>	No	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

WT	C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
	<p><b>MMZ (30-500m): New Roads and Landings</b></p> <ul style="list-style-type: none"> <li>• New roads and/or landings are not permitted within 250 m of the primary water features unless there is no practical or feasible alternative, and the road or landing, including specific location, is identified and justified in an Access and Abandonment Plan approved by MNRF.</li> <li>• Construction of approved roads and landings are not permitted during the active season from May 1 to September 30.</li> <li>• Reasonable efforts will be made to avoid constructing new roads and/or landings within 251-500 m of the primary water features.</li> <li>• Reasonable efforts will be made to avoid road construction within 251-500 m of the primary water features during the active season.</li> <li>• Reasonable efforts will be made to ensure roads constructed within the AOC will be located to avoid key habitat features (i.e., nesting sites, hibernacula) and concentrations of turtle sightings and to minimize access within the AOC.</li> <li>• Roads will be located in consultation with and specifically approved by MNRF as per FMP AOC approval process.</li> <li>• When roads are constructed within the AOC, reasonable efforts will be made to use winter roads and temporary water crossings.</li> <li>• Reasonable efforts will be made to promptly decommission new roads or implement access control measures.</li> </ul> <p><b>MMZ (30-500m): Use and Maintenance</b></p> <ul style="list-style-type: none"> <li>• Hauling is not permitted within 250 m of the primary water features during the active season (May 1 to September 30) FMP AOC approval process.**</li> <li>• Reasonable efforts will be made to avoid hauling within 251-500 m of the primary water features during the active season.**</li> <li>• During the active season from May 1-September 30, use of existing roads within the AOC will be accompanied by driver awareness training.</li> <li>• Use and maintenance of existing roads within the active season will be accompanied by an MNRF approved strategy to mitigate potential for traffic-related and road maintenance related mortality of wood turtles. Road use and maintenance shall comply with this MNRF approved strategy. Tactics may include: <ul style="list-style-type: none"> <li>o modifying driver behaviour through education and use of warning signs;</li> <li>o reducing volume of traffic through use of access control measures such as gates;</li> <li>o restricting speed through training, signage, or speed control devices;</li> <li>o restricting limit of grading relative to road shoulders; and/or</li> <li>o other methods developed in consultation with MNRF.</li> </ul> </li> <li>• During the nesting and incubation periods from June 1 to September 30, road maintenance operations that disturb the roadbed (except if required for safety reasons or environmental protection) are not permitted within 125 m the primary water features or along other road segments known or suspected to be used for nesting, unless approved by MNRF through the FMP AOC approval process. The timing of this restriction may be adjusted with MNRF approval to reflect annual variation in weather or other local factors.</li> <li>• Within 250 m of the primary water features and/or nesting areas, dust control may be accomplished with the use of water only.</li> </ul> <p><i>*Water drawdowns include operations that adversely affect the function of suitable aquatic habitat. These operations include operations that will result in permanent changes to water levels in suitable aquatic habitat, except where beaver activity has affected a water crossing and the resulting water levels are likely to create a safety or environmental concern, and the activity will not lower water level below that present before the beaver activity. Drawdowns affecting regulated habitat should occur in the summer months.</i></p> <p><i>**Unless otherwise specified, the restriction on hauling or other forestry-related traffic applies to operational roads and any other roads that are used primarily by the forest industry.</i></p>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

WT	D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use	Exception
	<p><u>Reserve1 (General Habitat Feature and/or Nesting Area and 0-30m):</u></p> <ul style="list-style-type: none"><li>• New Aggregate pits are not permitted.</li><li>• Aggregate extraction is not permitted during the active season from May 1 to September 30.</li></ul> <p><u>MMZ (30-500m):</u></p> <ul style="list-style-type: none"><li>• New Aggregate pits are not permitted within 250 m of the primary water features, unless specifically identified, justified and approved by MNRF as per AOC approval process.</li><li>• Aggregate extraction is not permitted within 250 m of the primary water features during the active season from May 1 to September 30.</li><li>• Within 250 m of the primary water features and/or nesting areas, dust control may be accomplished with the use of water only</li><li>• Reasonable efforts will be made to avoid constructing new aggregate pits within 251-500 m of the primary water features unless approved by MNRF.</li><li>• Reasonable efforts will be made to avoid aggregate extraction within 251-500 m of the primary water features during the active season and requires approval by MNRF.</li></ul>	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

WVW: West Virginia White habitat

WVW	Group AOC	Description of Value		
	Yes	Suitable habitat occupied by West Virginia White at least once within the past 10 years <ul style="list-style-type: none"> <li>as delineated through field survey, or as otherwise defined by an ESA habitat description or habitat regulation.</li> </ul> (Direction applies to occupied habitat delineated by MNRF prior to, or during, operations.)		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		AOC consists of a Modified Management Zone (MMZ). Delineated habitat polygon comprises the AOC.  <b>Conditions on Harvest, Renewal and Tending</b>  <u>MMZ (delineated habitat polygon):</u> <ul style="list-style-type: none"> <li>Harvest, renewal, and tending operations are not permitted within the AOC from April 1 to December 31, except in extraordinary circumstances as specifically identified and justified through an FMP AOC approval process.</li> <li>Only selection harvest is permitted.</li> <li>All equipment will be thoroughly washed before use in the AOC when there is a risk of introducing garlic mustard.</li> </ul>	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, page 111	No
		<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		See part C below.	No	No
		<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
		<u>MMZ (delineated habitat polygon):</u> <ul style="list-style-type: none"> <li>Landings are not permitted.</li> <li>New roads are not permitted unless there is no practical or feasible alternative, the potential impact on West Virginia white habitat can be mitigated, and the road, including specific location, is identified, and justified through the FMP AOC approval process.</li> </ul>	No	No
		<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Exception</b>
		<u>MMZ (delineated habitat polygon):</u> <ul style="list-style-type: none"> <li>Aggregate pits are not permitted.</li> </ul>		No



MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

**Water Areas of Concern**

HPW: Water Features with High Potential Sensitivity

HPW	Group AOC	Description of Value																	
Includes: SL ML LL RVR HPS HPP	Yes	Water Features with High Potential Sensitivity to forestry operations: <ul style="list-style-type: none"> <li>• Lakes of all sizes including: Large Lakes (≥1000 ha), Medium Lakes (≥100 and &lt;1000 ha), and Small Lakes (≥8 and &lt;100 ha)</li> <li>• Large permanent streams (with catchments ≥ 3 km<sup>2</sup> and &lt; 50 km<sup>2</sup>) and Rivers (with catchments ≥50 km<sup>2</sup>),</li> <li>• Small permanent Streams (with catchments &lt; 3 km<sup>2</sup>) in watersheds known to support brook trout; and</li> <li>• Ponds and wetlands (&lt; 8 ha) inline on HPS features</li> </ul>																	
	<b>A. Operational Prescriptions for Areas of Concern</b>																		
		Operational Prescription	Source	Exception															
		The AOC for high potential sensitivity water features consists of a variable width Modified Management Zone (MMZ) for which the overall width is dependant on slope. Actual AOC width will be established following field measurements. Additional specific direction is found in 'Standard Operating Practices in Water AOCs' (see Section 4.2.2.2.1).	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 37 - 54.	No															
		<b>Conditions on Harvest, Renewal and Tending</b>																	
		AOC width is determined by shoreline slope:																	
		<table border="1"> <thead> <tr> <th>Slope (%)</th> <th>Slope (Degrees)</th> <th>AOC Width</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>31-45</td> <td>16.7-24.2</td> <td>70 m</td> </tr> <tr> <td>45+</td> <td>&gt;24.2</td> <td>90 m</td> </tr> </tbody> </table>	Slope (%)	Slope (Degrees)	AOC Width	0-15	0-8.5	30 m	15-30	8.6-16.7	50 m	31-45	16.7-24.2	70 m	45+	>24.2	90 m		
Slope (%)	Slope (Degrees)	AOC Width																	
0-15	0-8.5	30 m																	
15-30	8.6-16.7	50 m																	
31-45	16.7-24.2	70 m																	
45+	>24.2	90 m																	
		<b>MMZ (0 to AOC width of 30, 50, 70, or 90 m based on shoreline slope):</b>																	
		<ul style="list-style-type: none"> <li>• <b>Streams (HPS):</b> Mature forest with relatively uniform canopy closure ≥ 60% (canopy opening not to exceed individual tree crowns) must be retained within the inner 15 m of the AOC on both sides of the stream to provide shade, unless the inner boundary of the AOC is &gt; 15 m from the active channel. Harvest is permitted only if it is mature or has an initial canopy closure ≥ 60%. Residual forest must be retained on slopes &gt;30% when harvesting. Residual forest must be retained (inside and outside the harvest block), on at least one side of the stream to provide a travel corridor.</li> <li>• <b>Lakes and Ponds (SL/ML/LL, HPP):</b> When retaining residual shoreline forest, the inner 15 m will be mature forest with a relatively uniform canopy closure &gt;60% (canopy openings not to exceed individual tree crowns) unless the adjacent harvest area outside the AOC meets the definition of residual forest. For each ha of shoreline forest harvested that does not meet the definition of residual (e.g. clearcut) 1 ha of residual shoreline forest will be retained that has not been harvested within 20 years.</li> <li>• Harvest that retains forest that does not meet the definition of residual (e.g. clearcut) is permitted within the AOC only where slope is ≤30%.</li> <li>• See proportional area of water AOC to be retained as residual forest for lakes, ponds, rivers and streams below.</li> </ul>																	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

<p><b>HPW</b></p> <p>Includes:</p> <p><b>SL</b></p> <p><b>ML</b></p> <p><b>LL</b></p> <p><b>HPP</b></p> <p><b>HPS</b></p>	<b>A. Operational Prescriptions for Areas of Concern</b>		<b>Exception</b>																		
	<p><b>Small Lakes (SL), Ponds (HPP):</b> • &gt; 50% of the area of the AOC (inside and outside the harvest area) will be retained as residual forest around the entire water feature.</p> <p><b>Medium Lakes (ML):</b> • &gt; 75% of the area of the AOC (inside and outside the harvest area) will be retained as residual forest around the entire water feature.</p> <p><b>Large Lakes (LL):</b> • &gt; 90% of the area of the AOC (inside and outside the harvest area) will be retained as residual forest around the entire water feature.</p> <p><b>Streams (HPS), River (RVR):</b> • Retain residual forest on at least one side of the stream or river to provide a travel corridor.</p> <p><b>Proportional area of Water AOC required as RESIDUAL FOREST (inside and outside the harvest area) and shoreline harvest percentages:</b></p> <table border="1"> <thead> <tr> <th>Description of Value</th> <th>Percent of AOC area retained as RESIDUAL FOREST</th> <th>Percent of shoreline within inner 15 m to be harvested</th> </tr> </thead> <tbody> <tr> <td>small lakes and ponds</td> <td>≥ 50%</td> <td>&lt; 50%</td> </tr> <tr> <td>medium lakes</td> <td>≥ 75%</td> <td>&lt; 25%</td> </tr> <tr> <td>large lakes</td> <td>≥ 90%</td> <td>&lt; 10%</td> </tr> <tr> <td>rivers</td> <td colspan="2">Retain residual forest on at least one side of the river to provide a travel corridor</td> </tr> <tr> <td>streams</td> <td colspan="2">Retain residual forest on at least one side of the stream to provide a travel corridor</td> </tr> </tbody> </table>		Description of Value	Percent of AOC area retained as RESIDUAL FOREST	Percent of shoreline within inner 15 m to be harvested	small lakes and ponds	≥ 50%	< 50%	medium lakes	≥ 75%	< 25%	large lakes	≥ 90%	< 10%	rivers	Retain residual forest on at least one side of the river to provide a travel corridor		streams	Retain residual forest on at least one side of the stream to provide a travel corridor		No
	Description of Value	Percent of AOC area retained as RESIDUAL FOREST	Percent of shoreline within inner 15 m to be harvested																		
	small lakes and ponds	≥ 50%	< 50%																		
	medium lakes	≥ 75%	< 25%																		
	large lakes	≥ 90%	< 10%																		
	rivers	Retain residual forest on at least one side of the river to provide a travel corridor																			
	streams	Retain residual forest on at least one side of the stream to provide a travel corridor																			
	<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>																	
	See part C below.		No	No																	
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>																		
<ul style="list-style-type: none"> <li>• New landings and use of existing landings are not permitted.</li> <li>• New roads that are not associated with an approved crossing are not permitted, unless no practical or feasible alternative exists, and appropriate mitigative measures (for roads and water crossings in Section 4.5.5) 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 approval process.</li> <li>• New roads that traverse the AOC will be planned to avoid areas with a high potential to contain ephemeral streams, springs, seeps, and other areas of groundwater discharge. Crossings of recognizable ephemeral streams, springs, seeps, and other areas of groundwater discharge will consider the design principles (for roads and water crossings in Section 4.5.5) to minimize the risk of sediment delivery and disruption of hydrological function.</li> <li>• When 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 10 m (as per Section 4.5.5.1.2) unless approved by MNRF.</li> </ul>		No	No																		
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Exception</b>																		
<ul style="list-style-type: none"> <li>• New aggregate pits and use of existing pits are not permitted.</li> </ul>			No																		

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

MPW: Water Features with Moderate Potential Sensitivity

<p><b>MPW</b></p> <p>Includes:</p> <p><b>MPS</b></p> <p><b>MPP</b></p>	<b>Group AOC</b>	<b>Description of Value</b>		
	Yes	<p>Water Features with Moderate Potential Sensitivity to forestry operations:</p> <ul style="list-style-type: none"> <li>• Small permanent streams (with catchments &lt; 3 km<sup>2</sup>) and inline ponds/wetlands (&lt; 8 ha); and</li> <li>• intermittent streams within 500 m of water values known to support brook trout</li> </ul>		
	<b>A. Operational Prescriptions for Areas of Concern</b>			
	<b>Operational Prescription</b>		<b>Source</b>	<b>Exception</b>
	<p>The AOC for moderate potential sensitivity water features (streams and ponds) consists of a 30 m Modified Management Zone (MMZ). Additional specific direction is found in 'Standard Operating Practices in Water AOCs'(see Section 4.2.2.2.1).</p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><b>MMZ (0-30 m):</b></p> <ul style="list-style-type: none"> <li>• <b>Streams (MPS):</b> Mature forest with relatively uniform canopy closure ≥ 60% (canopy opening not to exceed individual tree crowns) must be retained on both sides of the stream, unless the inner boundary of the AOC is &gt;15 m from the active channel. If forest is not mature or has an initial canopy closure &lt; 60%, no harvest is permitted. Residual forest must be retained (inside and outside the harvest area) on at least one side of the stream to provide a travel corridor.</li> <li>• <b>Ponds (MPP):</b> ≥50% of the area of the area of the AOC (inside and outside of the harvest area) will be retained as residual forest around the entire water feature. Residual forest must be retained on slopes &gt;30% when harvesting. When retaining residual forest, the inner 15 m will be mature forest with a relatively uniform canopy closure ≥ 60% (canopy openings not to exceed individual tree crowns) unless the adjacent harvest area outside the AOC meets the definition of residual forest. For each hectare of clearcut within the AOC, one hectare that has not been harvested within 20 years will be retained.</li> <li>• Harvest that retains forest that does not meet the definition of residual (e.g., conventional clearcutting) is permitted within the AOC only where slope is ≤30%.</li> </ul>		<p>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 37 - 54.</p>	<p>No</p>
	<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
	See part C below.		No	No
	<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Public Comment</b>	<b>Exception</b>
<ul style="list-style-type: none"> <li>• New landings or use of existing landings are not permitted.</li> <li>• New roads that are not associated with an approved crossing are not permitted within the AOC unless no practical or feasible alternative exists, and appropriate mitigative measures (for roads in AOCs and water crossings in Section 4.5.5) 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 approval process.</li> <li>• New roads that traverse the AOC will be planned to avoid areas with a high potential to contain ephemeral streams, springs, seeps and other areas of groundwater discharge. Crossings of recognizable ephemeral streams, springs, seeps and other areas of groundwater discharge will consider the design principles (for roads / water crossings in Section 4.5.5) to minimize the risk of sediment delivery and disruption of hydrological function.</li> <li>• When new roads traverse residual forest within an AOC, the width of the cleared corridor will be as narrow as practical and feasible and will not exceed 10 m (as per Section 4.5.5.1.2) unless approved by MNRF.</li> </ul>		<p>No</p>	<p>No</p>	

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

<b>MPW</b>	<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Exception</b>
	<u>MMZ (0-30 m):</u> <ul style="list-style-type: none"><li>• New aggregate pits or use of existing pits are not permitted.</li></ul>	No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

LPW: Water Features with Low Potential Sensitivity

LPW	Group AOC	Description of Value			
Includes: LPS LPP	Yes	Water Features with Low Potential Sensitivity to forestry operations: <ul style="list-style-type: none"> <li>• Small Streams (with catchments &lt; 3 km<sup>2</sup>) and ponds/wetlands (&lt; 8 ha) inline on LPS features;</li> <li>• or isolated ponds (&lt; 8 ha), not directly connected to other water values</li> </ul>			
	<b>A. Operational Prescriptions for Areas of Concern</b>				
	<b>Operational Prescription</b>			<b>Source</b>	<b>Exception</b>
	The AOC consists of a Modified Management Zone (MMZ). Additional specific direction is found in ‘Standard Operating Practices in Water AOCs’ (see Section 4.2.2.2.1).  <b>Conditions on Harvest, Renewal and Tending</b>  <u>MMZ (0-15m):</u> <ul style="list-style-type: none"> <li>• Conditions on regular operations in water AOCs to be applied (see Section 4.2.2.2.1)</li> <li>• Extraction trails are permitted, however water crossings will be minimized and will follow the operating practices in the Conditions for Important Ecological Features (Section 4.2.2.2.1.4). Temporary crossing structures will be used when appropriate and construction will follow the principles for roads and water crossings described in Section 4.5.5.</li> </ul>			Forest Management Guide for Conserving Biodiversity at the Stand & Site Scales, 2010, pages 37 - 54.	No
	<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Public Comment</b>	<b>Exception</b>
	See part C below.			No	No
	<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Public Comment</b>	<b>Exception</b>
	<ul style="list-style-type: none"> <li>• New roads not associated with an approved crossing or widening of existing roads are not permitted unless there is no feasible alternative, appropriate mitigative measures are taken to minimize risk of sediment entering streams and disruption of hydrological function, and the road, including specific location, is identified and justified through the AOC approval process.</li> <li>• Appropriate mitigative measures (see Sections 4.2.2.2.1, 4.2.2.2.20 and 4.5.5) will be taken to minimize risk of sediment entering streams and disruption of hydrological function (e.g. existing road will be widened away from value; forest will be retained between road and water value).</li> <li>• When 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 10 m (as per Section 4.5.5.1.2) unless approved by MNRF.</li> <li>• No landings are permitted in the AOC.</li> </ul>			No	No
	<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>			<b>Exception</b>	
<ul style="list-style-type: none"> <li>• No aggregate pits are permitted.</li> </ul>			No		

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

BTSP, BTNU: Brook Trout Spawning and Nursery Habitats

BTSP BTNU	Group AOC	Description of Value		
	Yes	<p><b>Brook Trout spawning and nursery sites</b> associated with groundwater upwellings identified prior to or during operations.</p> <ul style="list-style-type: none"> <li>Confirmed spawning and nursery sites supported by observations of spawning adults, redds or young of year brook trout; and/or</li> <li>Any watercourses or tributaries that flow into and are within 500 m of known naturally reproducing brook trout lakes.</li> </ul>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		<p>AOC consists of a Reserve. The extent of the AOC is delineated by the MNRF.</p> <p><b>Conditions on Harvest, Renewal and Tending</b></p> <ul style="list-style-type: none"> <li>See HPW water AOC for high potential sensitivity water values – retention of mature forest is required within 15 m on both sides of streams containing brook trout spawning and/or nursery habitats, to provide shade.</li> <li>Direction in 'Standard Operating Practices in Water AOCs' (Section 4.2.2.2.1) also apply.</li> <li>Extraction trails must use temporary clear-span structures (Section 4.2.2.2.1.4) and use mitigation measures for Non-road Water Crossings in Section 8, Part 3.1.4 (p 43) of MNRF/DFO Water Crossing Protocol.</li> </ul> <p>Additional Information -- Applicable Standards and Guidelines for Water Crossings in Fish Habitat:</p> <ol style="list-style-type: none"> <li>Water crossing proposals will be reviewed and approved following the MNRF/DFO Protocol for the Review and Approval of Forestry Water Crossings (2020). Water crossings in known brook trout spawning and/or nursery habitats are high risk.</li> <li>Harmful alteration, disruption, or destruction of fish habitat is not permitted without DFO approval. (Standard SSG p 137)</li> <li>Avoid crossing in areas which affect known critical fish habitat, such as fish spawning, feeding, over-wintering, or nursery areas. (Guideline from SSG p 136)</li> <li>Construction operations that may enter a water feature (i.e., in-water work) or that may potentially cause sediment to enter a water feature, are not to occur during periods of fish spawning, incubation, or fry emergence, unless approved by MNRF. (Standard from SSG p 137)</li> <li>The project [closed-bottomed culvert] must not be located within 100 m of fish spawning or sensitive habitat including brook trout spawning or upwelling areas; or on any watercourses or tributaries that flow into, and are within 500 m of naturally reproducing brook trout lakes (MNRF/DFO Water Crossing Protocol p 35)</li> </ol>	<p>New AOC prepared by Planning Team for 2021-2031 Forest Management Plan for the Bancroft Minden Forest, based on the following Guides and Protocols:</p> <p>Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (SSG), 2010, pp 36-58 (water AOCs), 61-62 (GWR/BT habitat), and 136-145 (water crossing direction)</p> <p>MNRF/DFO Protocol for the Review and Approval of Forestry Water Crossings, 2020 (aka MNRF/DFO Water Crossing Protocol)</p> <p>Practitioner's Guide to the Risk Management Framework for DFO Habitat Management Staff (2007)</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"> <li>Use of clear-span bridges or other open-bottomed water crossing structures are permitted and strongly encouraged.</li> <li>Closed-bottom water crossing structures are not permitted unless approved by MNRF or DFO.</li> <li>Replacements of existing closed-bottom structures are permitted as per Section 8, Part 2.5 of MNRF/DFO Water Crossing Protocol.</li> </ul>		No
		C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use	Public Comment	Exception
		<ul style="list-style-type: none"> <li>Closed-bottom water crossing structures are not permitted unless approved by MNRF or DFO.</li> </ul>		No
		D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use		Exception
		<ul style="list-style-type: none"> <li>Not applicable, as fish habitats are aquatic and located in streams, rivers or lakes.</li> </ul>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

GWR: Groundwater recharge areas associated with brook trout spawning sites

GWR	Group AOC	Description of Value			
	Yes	Groundwater recharge areas associated with known brook trout spawning sites identified by MNRF prior to or during operations.			
<b>A. Operational Prescriptions for Areas of Concern</b>					
<b>Operational Prescription</b>				<b>Source</b>	<b>Exception</b>
AOC consists of a Modified Management Zone (MMZ). The extent of the AOC is delineated by the MNRF mapped recharge area.  <b>Conditions on Harvest, Renewal and Tending</b>  <u>MMZ (mapped recharge area):</u> <ul style="list-style-type: none"> <li>Regular harvest, renewal, and tending operations are permitted.</li> <li>Extraction trail location and design will follow the operating practices (Sections 4.2.2.2 and 4.5.5) to minimize rutting that could disrupt shallow groundwater flow.</li> </ul>				Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 61-62.	No
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				<b>Public Comment</b>	<b>Exception</b>
See part C below.				No	No
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				<b>Public Comment</b>	<b>Exception</b>
<u>MMZ (mapped recharge area):</u> <ul style="list-style-type: none"> <li>New landings or use of existing landings are not permitted.</li> <li>New all-weather roads are not permitted unless no practical or feasible alternative exists, appropriate mitigative measures are taken to minimize the risk of interrupting or redirecting shallow groundwater flow (e.g. No ditching or grubbing, appropriate cross drainage is provided), and the road, including specific location is identified and justified through the FMP AOC approval process.</li> </ul>				No	No
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>					
<u>MMZ (mapped recharge area):</u> <ul style="list-style-type: none"> <li>New aggregate pits and use of existing aggregate pits are not permitted.</li> </ul>					No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

PSW: Provincially significant wetlands

PSW	Group AOC	Description of Value		
	Yes	Provincially Significant Wetlands (PSW): <ul style="list-style-type: none"> <li>Wetlands or wetland complexes identified as provincially significant based on the Ontario Wetland Evaluation System</li> <li>Direction applies to sites identified by MNRF prior to or during operations</li> </ul>		
<b>A. Operational Prescriptions for Areas of Concern</b>				
		Operational Prescription	Source	Exception
		The AOC consists of a 120 m Modified Management Zone (MMZ) applied to the delineated boundary of each provincially significant wetland (PSW). No operations are permitted within the boundaries of the PSW itself. Additional specific direction is found in 'Standard Operating Practices in Water AOCs' (see Section 4.2.2.2.1).	Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales, 2010, pages 55-58	No
		<p><b>Conditions on Harvest, Renewal and Tending</b></p> <p><b>Modified Management Zone (MMZ):</b> 120 m from PSW boundary</p> <ul style="list-style-type: none"> <li>Harvest renewal and tending operations are not permitted within the PSW unless an Environmental Impact Study (EIS) has been reviewed and approved by MNRF<sup>1</sup>.</li> <li>Harvest, renewal, and tending operations are permitted (outside the PSW) if they retain residual forest and will not result in direct damage to vegetation or deposition of sediment within the PSW.</li> <li>Operations specifically prohibited within MMZ include:                             <ul style="list-style-type: none"> <li>Machine travel and excessive removal or damage of sapling-sized trees (&lt;10 cm dbh) and shrubs within 3 m of PSW boundary.</li> <li>Felling of trees into the PSW or within 3 m of PSW boundary. Trees accidentally felled into the PSW will be left where they fall.</li> <li>Disturbance of the forest floor which leaves ruts or a significant area of exposed mineral soil within 15 m of PSW boundary. Ruts or significant patches of exposed mineral soil will be promptly rehabilitated to prevent sediment from entering the PSW.</li> <li>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 that are connected to the PSW.</li> </ul> </li> <li>No contamination of PSWs by foreign materials is permitted. Specifically,                             <ul style="list-style-type: none"> <li>The use and storage of fuels will be carried out in accordance with the Liquid Fuels Handling Code.</li> <li>No equipment maintenance (e.g., washing or changing oil) is permitted within 30 m of PSWs.</li> <li>Aerial application of pesticides for renewal, tending, or protection is permitted within the AOC but will follow spray buffer zones for significant areas or sensitive areas (as appropriate) as prescribed in the Ontario Ministry of Environment/Ontario Ministry of Natural Resources Buffer Zone Guidelines for Aerial Application of Pesticides in Crown Forests of Ontario (1992). Machine-based ground application of herbicides (e.g., air-blast sprayers mounted on skidders) is permitted within the AOC; spray buffer zones will be 30 m for significant areas and 60 m for sensitive areas. Hand-based ground application of herbicides (e.g., back-pack sprayers) is permitted within the AOC; spray buffer zones will be 3 m. All spray buffer zones will be measured from the inner boundary of the AOC.</li> </ul> </li> <li>Harvest, renewal, and tending operations within the PSW and AOC will follow the appropriate operating practices 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.</li> </ul>		



MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

PSW	A. Operational Prescriptions for Areas of Concern	Public Comment	Exception
	<p><u>Additional Information:</u></p> <ol style="list-style-type: none"> <li>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 or amended versions of these documents). To receive approval, the EIS must demonstrate the proposed operations will 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 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<sup>2</sup>. The EIS will be reviewed and approved by MNRF as per AOC approval process.</li> <li>In some PSWs, some thoughtfully planned and carefully implemented harvest, renewal, and tending operations may be used to emulate the natural disturbance dynamics of the PSW to sustain important natural features or ecological functions (e.g., maintain habitat for species requiring early successional forested wetlands, rehabilitation of beaver controlled wetlands). However, the appropriate scale of operations must be considered. For example, where mature and older forest is the natural feature, or contributes to the ecological functions, that make the wetland provincially significant, operations should occur at a small scale; small forested PSWs might best be avoided altogether.</li> <li>In some cases, it may be acceptable to permit a road to cross a PSW if the impact is deemed to be minimal and necessary to avoid undesirable ecological or socio-economic impacts of other feasible alternatives. For example, a crossing at the narrow point of a large PSW might avoid construction of many additional kilometers of road that might result in the construction of numerous new stream crossings, the crossing of other AOCs, or would be contrary to other objectives to minimize access (e.g. land-use direction or other road-sensitive values). In all cases, locations will be selected, and mitigation techniques will be employed, to minimize adverse effects. Any new roads will be identified and justified in an Access and Abandonment Plan approved by MNRF as per the FMP AOC approval process.</li> </ol>		No
	<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
	See part C below.	No	No
	<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>	<b>Public Comment</b>	<b>Exception</b>
	<p><u>MMZ (0-120 m):</u></p> <ul style="list-style-type: none"> <li>New roads or landings are not permitted within the PSW or AOC unless an EIS has been reviewed and approved by MNRF<sup>3</sup>.</li> </ul>	No	No
	<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>		<b>Exception</b>
	<p><u>MMZ (0-120 m):</u></p> <ul style="list-style-type: none"> <li>New aggregate pits are not permitted within the PSW or AOC unless an EIS has been reviewed and approved by MNRF.</li> </ul>		No

MANAGEMENT UNIT NAME: Bancroft Minden Forest

PLAN PERIOD: 2021 to 2031

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

RTL: Remote trout lakes

RTL	Group AOC	Description of Value			
	Yes	Access Restrictions on Remote lakes and ponds with Self-Sustaining Lake Trout (LT) and/or Brook Trout (BT) populations (Baldcoot Lake (BT), Blairs Lake (BT), Buck Lake (LT), Evans Lake (BT), Hawk Lake (BT), Rocky Lake (BT), Sud Lake (BT))			
<b>A. Operational Prescriptions for Areas of Concern</b>					
<b>Operational Prescription</b>				<b>Source</b>	<b>Exception</b>
The AOC consists of two Modified Management Zones (MMZs). AOC is measured from the edge of the water feature. Total AOC radius is 1000 m. <b>Conditions on Harvest, Renewal and Tending</b> <ul style="list-style-type: none"> <li>Harvest, renewal, and tending are permitted within the AOC subject to direction for lakes and ponds (HPW Water AOC and Section 4.2.2.2.1).</li> </ul>				2021 Planning Team See AOC Supp Doc I, Section 4	No
<b>B. Primary Roads, Branch Roads, and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				<b>Public Comment</b>	<b>Exception</b>
<u>MMZ1 (0 – 400 m):</u> <ul style="list-style-type: none"> <li>New primary and branch roads are not permitted except in extraordinary circumstances as specifically identified and justified through the FMP AOC approval process. All new primary/branch roads will be subject to locally appropriate access control measures to limit the increase in angling pressure.</li> </ul> <u>MMZ2 (400-1000 m):</u> <ul style="list-style-type: none"> <li>New primary and branch roads are not permitted unless approved by MNRF.</li> <li>All new primary/branch roads will be subject to locally appropriate access control measures to limit the increase in angling pressure.</li> </ul>				No	No
<b>C. Operational Roads and Landings: Planned or Existing – Conditions on Location, Construction or Use</b>				<b>Public Comment</b>	<b>Exception</b>
<u>MMZ1 (0 – 400 m):</u> <ul style="list-style-type: none"> <li>New operational roads are not permitted within 400 m of the lake or pond unless approved by the MNRF.</li> </ul> <u>MMZ1 (0 – 400 m) &amp; MMZ2 (400-1000 m):</u> <ul style="list-style-type: none"> <li>New operational roads will be to subject to locally appropriate access control measures during operations.</li> <li>Where a new operational road is the closest public access to the fishery, or otherwise increases access, the road must be decommissioned following completion of operations.</li> <li>Decommissioning activities should include removal of all water crossing structures and may also include measures to minimize access such as ditching, grubbing, and placing physical barriers such as slash and rock on the roadbed.</li> <li>Use and maintenance of existing roads and landings is permitted if the footprint of the road or landing remains unchanged.</li> </ul>				No	No
<b>D. Forestry Aggregate Pits: Planned or Existing – Conditions on Location, Construction or Use</b>					
None.					No