

MANAGEMENT UNIT NAME: Nipissing Forest

AOC Type: **Wildlife - Birds**

PLAN TERM April 1, 2004 to March 31, 2009

**FMP-17 Operational Prescriptions for Areas of Concern**

<b>AOC Identifier</b>	<b>Description of Value(s)</b>
BWH	For nests of Broad-Winged Hawk and Sharp-Shinned Hawk (small nest species)
Map ID: BWH	

Exception  Objection

<b>AOC Description</b>	<b>Harvesting, Renewal and Tending Operations</b>	<b>Tertiary Roads and Landings</b>
<b>150 m AOC</b>	For Occupied Nests: - no harvest, renewal or maintenance operations between March 1 and July 31 (Feb 1 - June 30 for great horned owl) - hauling operations permitted during the timing restriction if > 50 m from active nest	- no new roads or landings to be constructed within the modified portion of the AOC until after the timing restriction unless approved, in writing, by the MNR
<b>Reserve:</b> - 0 m		
<b>Modified:</b> - 150 m		
For all BWH nests: In partial cutting systems (i.e. sel/shel where the basal area is not reduced below 12m <sup>2</sup> /ha): - leave nest tree and trees with touching crowns - 0 m reserve  In clearcut and uniform shelterwood (at the final removal stage): - leave the nest tree as 1 of 25 residual trees retained per hectare as per the NDPE guidelines		

**Additional Information**

Note: Nests known to be used within the last five years are considered "Active"

**Monitoring Program**

**Primary/Secondary Roads**

MANAGEMENT UNIT NAME: Nipissing Forest

AOC Type: **Wildlife - Birds**

PLAN TERM April 1, 2004 to March 31, 2009

**FMP-17 Operational Prescriptions for Areas of Concern**

<b>AOC Identifier</b>	<b>Description of Value(s)</b>
E	Eagle Nest (also considered a Native value)
Map ID: E	

Exception  **Objection**

<u>AOC Description</u>	<u>Harvesting, Renewal and Tending Operations</u>	<u>Tertiary Roads and Landings</u>
<p><b>800 m AOC</b></p> <p><b>Reserve:</b> - 100 m</p> <p><b>Modified:</b> MMA1 - 100 m - 200 m MMA2 - 200 m up to 600 m maximum (based on line of site)</p> <p>Note: Nests known to be used within the last five years are considered "Active"</p>	<p>- when available, leave 3 supercanopy trees within 400 m of nest - protect nests not used in the last 5 years with 100 m reserve and 0 m modified area - within 400 m of lakes associated with eagle nesting sites, retain one supercanopy tree (if existing) for every 650 m of shoreline</p> <p>Within MMA1 - except for hauling operations, no activities between February 15 and June 30 - selection cut only</p> <p>Within MMA2: - except for hauling, no activities between March 15 and May 31 - shelterwood/selection cut only</p> <p>(timing restrictions only apply when the nest is occupied)</p>	<p>- no new roads or landings within the AOC unless the location is approved, in writing, by the MNR - any new roads or landings required in the AOC will be identified in the Annual Work Schedule - any new road corridor within the AOC is not to exceed a width of 10m - no construction of new roads or landings in the AOC between Feb. 15 to June 30 (timing restriction only applies when the nest is occupied) - hauling is allowed through AOC on existing all-weather forest access roads</p> <p>Skid Trails: - no skid trails within the reserve unless approved, in writing, by the MNR</p>

<p><b>Additional Information</b></p> <p>- local First Nation will be invited to participate in the identification of value in the field - leaving additional super canopy trees will not be considered a "wasteful practice"</p>
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<b>Monitoring Program</b>
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<b>Primary/Secondary Roads</b>
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MANAGEMENT UNIT NAME: Nipissing Forest

AOC Type: **Wildlife - Birds**

PLAN TERM April 1, 2004 to March 31, 2009

**FMP-17 Operational Prescriptions for Areas of Concern**

<b>AOC Identifier</b>	<b>Description of Value(s)</b>
<b>G</b>	<b>Goshawk Nests</b>
<b>Map ID: G</b>	

Exception  **Objection**

<b>AOC Description</b>	<b>Harvesting, Renewal and Tending Operations</b>	<b>Tertiary Roads and Landings</b>
<b>150 m AOC</b>		
<b>Reserve:</b> - 50 m from active nests - 30 m from inactive nests	For Occupied Nests: - no harvesting, renewal or maintenance operations between March 1 and July 31	- no new roads or landings within reserve unless approved, in writing, by the MNR - when possible, avoid new roads and landings within the modified area
<b>Modified:</b> - 100 m active nests - 0 m for inactive nests	For Active Nests: - harvest operations should retain a minimum 70% crown closure - protect satellite nests within the modified area with a 20 m reserve	- any new roads or landings required in the AOC will be identified in the Annual Work Schedule - no construction activities between March 1 and July 31 (timing restrictions apply only to occupied nests) - any new road corridor in the modified area is not to exceed 10m in width
Note: Nests known to be used within the last five years are considered "Active"		Skid Trails: - no skid trails within the reserve unless approved, in writing, by the MNR

**Additional Information**

**Monitoring Program**

**Primary/Secondary Roads**

MANAGEMENT UNIT NAME: Nipissing Forest

AOC Type: **Wildlife - Birds**

PLAN TERM April 1, 2004 to March 31, 2009

**FMP-17 Operational Prescriptions for Areas of Concern**

<b>AOC Identifier</b>	<b>Description of Value(s)</b>
H_N	Heron Nest: (defined as 1 to 2 heron nests)
Map ID: H_N	

Exception  Objection

<u>AOC Description</u>	<u>Harvesting, Renewal and Tending Operations</u>	<u>Tertiary Roads and Landings</u>
<b>150 m AOC</b>	For Occupied Nest(s): - except for hauling operations and tree planting, no harvesting or mechanized renewal/maintenance operations in the modified area between April 1 and August 15 unless approved, in writing, by the MNR - spring planting allowed  For Active Nests: - harvest operations not to reduce stocking below 12 m <sup>2</sup> /ha basal area of stems greater than 10cm in diameter (DBH) in sh/sel/c.thin areas - in c.c. areas - strip cutting permitted - not to exceed 50% of modified area and strips not to exceed 30 m and residual strips not to be less than 30 m in width	- no new roads and landings within reserve unless approved, in writing, by the MNR
<b>Reserve:</b> - 30 m		For Occupied Nests: - no new road or landing construction within modified area during timing restriction (April 1 and August 15) unless approved, in writing, by the MNR - hauling operations permitted in modified area at any time
<b>Modified:</b> - 120 m from active nests		Skid Trails: - no skid trails within the reserve unless approved, in writing, by the MNR
Note: Nests known to be used within the last five years are considered "Active"		

**Additional Information**

**Monitoring Program**

**Primary/Secondary Roads**

MANAGEMENT UNIT NAME: Nipissing Forest

AOC Type: **Wildlife - Birds**

PLAN TERM April 1, 2004 to March 31, 2009

**FMP-17 Operational Prescriptions for Areas of Concern**

<b>AOC Identifier</b>	<b>Description of Value(s)</b>
H_R	Heronry: (defined as 3 or more heron nests - each nest within 150 metres of another)
Map ID: H_R	

Exception  Objection

<b>AOC Description</b>	<b>Harvesting, Renewal and Tending Operations</b>	<b>Tertiary Roads and Landings</b>
<b>300 m AOC</b>		
<b>Reserve:</b> - 150 m from outer most nest	For Occupied Colonies: - no harvesting or mechanized renewal/maintenance operations in the modified area between April 1 and August 15 - hauling operations permitted during timing restriction on previously constructed roads	- no new roads and landings within the reserve without written approval from MNR - avoid new roads and landings within the modified area whenever possible - no construction of new roads or landings within the modified area within the timing restriction (April 1 and August 15) (timing restriction only applies to occupied nests) - hauling operations permitted on existing roads in modified area at any time
<b>Modified:</b> - 150 m from active colonies	For Active Colonies: - harvest operations not to reduce stocking below 12 m <sup>2</sup> /ha basal area of stems greater than 10cm in diameter (DBH) in sh/sel/c.thin areas - in c.c. areas** - strip cutting permitted - not to exceed 50% of modified area and strips not to exceed 30 m and residual strips not to be less than 30 m in width - maintain a minimum 30m reserve (no modified) along the allocated treed edge where the colony is >150m and < 300m from the treed edge, respectively	Skid Trails: - no skid trails within the reserve unless approved, in writing, by the MNR
"Inactive Colony: - not occupied for a five year period  For Inactive Colonies: - 150 m reserve - 0 m modified		

**Additional Information**

**Monitoring Program**

**Primary/Secondary Roads**

MANAGEMENT UNIT NAME: Nipissing Forest

AOC Type: **Wildlife - Birds**

PLAN TERM April 1, 2004 to March 31, 2009

**FMP-17 Operational Prescriptions for Areas of Concern**

<b>AOC Identifier</b>	<b>Description of Value(s)</b>
OS	Osprey Nest
Map ID: OS	

Exception  Objection

<u>AOC Description</u>	<u>Harvesting, Renewal and Tending Operations</u>	<u>Tertiary Roads and Landings</u>
<b>300 m AOC</b>		
<b>Reserve:</b> - 150 m for active nests - 50 m for inactive nests	For Occupied Nests: - no harvest operations between April 15 to Sept 1 unless approved, in writing, by the MNR - hauling operations permitted	For Active Nests: - no new roads and landings within the reserve unless approved, in writing, by the MNR - when possible, avoid new roads and landings within the modified area - any new roads or landings required in the AOC will be identified in the Annual Work Schedule - no construction of new roads or landings within the AOC within the timing restriction unless approved, in writing, by the MNR - hauling is allowed through AOC on existing all-weather forest access roads - any new road corridor within the modified area is not to exceed 10m in width
<b>Modified:</b> - 150 m	For Active Nests: - retain a minimum of 70% crown closure - in pine shelterwood areas harvesting in the overstory is permitted if the understory is greater than 6 m in height and the required number of super canopy trees can be retained - retain at least 3 supercanopy trees, if existing - within 400 m of lakes associated with osprey nesting sites, retain at least one supercanopy tree (if existing) for every 650 m of shoreline - no human entry within the reserve during the timing restriction	Skid Trails: - no skid trails within the reserve unless approved, in writing, by the MNR
Note: Nests known to be used within the last five years are considered "Active"		

<b>Additional Information</b> - leaving additional super canopy trees will not be considered a "wasteful practice"
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<b>Monitoring Program</b>
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<b>Primary/Secondary Roads</b>
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MANAGEMENT UNIT NAME: Nipissing Forest

AOC Type: **Wildlife - Birds**

PLAN TERM April 1, 2004 to March 31, 2009

**FMP-17 Operational Prescriptions for Areas of Concern**

<b>AOC Identifier</b>	<b>Description of Value(s)</b>
PF	Peregrine Falcon
Map ID: PF	

Exception  Objection

<b>AOC Description</b>	<b>Harvesting, Renewal and Tending Operations</b>	<b>Tertiary Roads and Landings</b>
<b>3 km AOC</b>	For Occupied Nests: - no harvest operations between March 15 to August 31 - hauling is permitted	- no new roads or landings allowed unless approved by MNR
<b>Reserve:</b> - see below		
<b>Modified:</b>		
3 km AOC for nests active within past 5 years  Prescription:  MNR will prepare a nest site management plan documenting acceptable levels of human disturbance including timing, amounts and proximity of forest management activities (refer to Forest Management Guidelines for the Peregrine Falcon).		

**Additional Information**

**Monitoring Program**

**Primary/Secondary Roads**

MANAGEMENT UNIT NAME: Nipissing Forest

AOC Type: **Wildlife - Birds**

PLAN TERM April 1, 2004 to March 31, 2009

**FMP-17 Operational Prescriptions for Areas of Concern**

<b>AOC Identifier</b>	<b>Description of Value(s)</b>
RSH	Red Shouldered Hawk/Cooper's Hawk
Map ID: RSH	

Exception  Objection

<u>AOC Description</u>	<u>Harvesting, Renewal and Tending Operations</u>	<u>Tertiary Roads and Landings</u>
<b>300 m AOC</b>		
<b>Reserve:</b> - 150 m for active nests - 30 m for inactive and satellite nests	For Occupied Nests: - no harvesting, renewal or maintenance operations between March 1 and July 31	- no new roads or landings within reserve unless the location is approved, in writing, by the MNR - when possible, avoid new roads and landings within the modified area
<b>Modified:</b> - 150 m or 21 ha for active nests - 0 m for inactive nests	For Active Nests: - harvest operations should retain a minimum 70% crown closure - protect satellite nests within the modified area with a 20 m reserve - locate modified area so it encompasses suitable nesting habitat and satellite nests (reference Forest Raptors - a guide to stick nests and users)	- any new roads or landings required in the modified area will be identified in the Annual Work Schedule - construction activities are only to occur outside of the timing restriction - any new road corridor in the modified area is not to exceed 10m in width
Note: Nests known to be used within the last five years are considered "Active"  Note: for clusters of nests, apply AOC to the nest known to have been most recently occupied		Skid Trails: - no skid trails within the reserve unless approved, in writing, by the MNR

**Additional Information**

**Monitoring Program**

**Primary/Secondary Roads**

MANAGEMENT UNIT NAME: Nipissing Forest

AOC Type: **Wildlife - Birds**

PLAN TERM April 1, 2004 to March 31, 2009

**FMP-17 Operational Prescriptions for Areas of Concern**

<b>AOC Identifier</b>	<b>Description of Value(s)</b>
RTH	For nests of Red -Tailed Hawk, Merlin, Common Ravens, Great Horned Owls, Barred Owls and Long Eared Owls, (large nest species)
Map ID: RTH	

Exception  Objection

<b>AOC Description</b>	<b>Harvesting, Renewal and Tending Operations</b>	<b>Tertiary Roads and Landings</b>
<b>150 m AOC</b>	For Occupied nests: - no harvest, renewal or maintenance operations between March 1 and July 31 (Feb 1 - June 30 for great horned owl) - hauling operations permitted during the timing restriction if > 50 m from active nest	- no new roads or landings to be constructed within the modified portion of the AOC until after the timing restriction unless approved, in writing, by the MNR  Skid Trails: - no skid trails within the reserve unless approved, in writing, by the MNR
<b>Reserve:</b> - see below		
<b>Modified:</b> - 150 m minus reserve (see below)		
For all nests:  In partial cutting systems (i.e. sel/shel where the basal area is not reduced below 12m <sup>2</sup> /ha): - leave nest tree and trees with touching crowns - 0 m reserve  In clearcut and uniform shelterwood (final removal stage): - leave 30 m reserve as per the NDPE guidelines		

**Additional Information**

Note: Nests known to be used within the last five years are considered "Active"

**Monitoring Program**

**Primary/Secondary Roads**

MANAGEMENT UNIT NAME: Nipissing Forest

AOC Type: **Wildlife - Birds**

PLAN TERM April 1, 2004 to March 31, 2009

**FMP-17 Operational Prescriptions for Areas of Concern**

<b>AOC Identifier</b>	<b>Description of Value(s)</b>
<b>W</b>	<b>Wetlands (for wetlands with no other identified values such as canoe routes, tourism etc.)</b>
<b>Map ID: W</b>	

Exception  **Objection**

<b>AOC Description</b>	<b>Harvesting, Renewal and Tending Operations</b>	<b>Tertiary Roads and Landings</b>
n/a	Apply best management practices as follows:	- new roads, landings and water crossings within wetlands and wetland AOC subject to MNR approval
<b>Reserve:</b> Reserve/Modified - measured from treed edge	- no storage of fuel	- all water crossings to adhere to the MNR environmental guidelines for access roads and water crossings
<b>Modified:</b>	- no washing equipment in or around wetlands	- water crossings, if required, should be oriented to minimize wetland disturbance (e.g. perpendicular).
For all wetlands - including wetlands not associated with standing or flowing water, mapped or not:	- schedule operations to suit ground conditions	
1) For all wetlands associated with standing or flowing water:	- natural or artificial regeneration	
- apply the appropriate fish habitat prescription for the wetland (or portion thereof) that is within 100m of the standing or flowing water	- normal site prep allowed	
- for the wetland (or portion thereof) connected to but > than 100m from the standing or flowing water - apply a 30m modified AOC (modification as per adjacent text boxes)	- manual tending only	
2) Wetlands containing merchantable tree species:	- minimize impacts to vegetation and unmerchantable timber adjacent to all wetlands	Skid Trails:
- modified operations permitted according to the forest operations prescription for the stand	- adhere to prescriptions outlined in the Guidelines for the Protection of the Physical Environment	- minimize skidding adjacent to all wetlands
3) An approved Environmental Impact Statement is required prior to any operations within 120 metres of Provincially Significant Wetlands		- skid trails within wetlands and wetland AOC subject to MNR approval

**Additional Information**

- prescription refers to wetlands as defined under the Wetlands Policy Statement

**Monitoring Program**

**Primary/Secondary Roads**

MANAGEMENT UNIT NAME: Nipissing Forest

AOC Type: **Wildlife - Fish**

PLAN TERM April 1, 2004 to March 31, 2009

**FMP-17 Operational Prescriptions for Areas of Concern**

<b>AOC Identifier</b>	<b>Description of Value(s)</b>
BTF	Known Brook Trout Fishery- protect brook trout habitat
Map ID: BTF	

Exception  **Objection**

<b>AOC Description</b>	<b>Harvesting, Renewal and Tending Operations</b>	<b>Tertiary Roads and Landings</b>
<b>30 - 90 m AOC from treed edge</b>	<ul style="list-style-type: none"><li>- harvest operations not to reduce stocking below 12 m<sup>2</sup>/ha basal area of stems greater than 10cm in diameter (DBH) (i.e. no clearcutting)</li><li>- hand tending only</li><li>- no site preparation</li><li>- all operations shall apply best management practices described under the MNR Forest Management Guidelines for the Protection of the Physical Environment</li><li>- marking/harvesting in the modified area of clearcut forest units will only be considered when the current forest unit can be maintained or conversion to shelterwood forest units is possible</li><li>- not harvesting in clearcut forest units within the modified areas will not be deemed as "wasteful practice"</li><li>- minimize ground disturbance in modified area</li></ul>	<ul style="list-style-type: none"><li>- no new roads or landings within the AOC except for stream crossing purposes only unless approved, in writing, by the MNR</li><li>- all existing stream crossings and road reconstruction require written approval from the MNR or approval at AWS planning stage</li><li>- all roads and stream crossings are to adhere to MNR access roads and water crossing guidelines</li><li>- no crossing construction during the following critical habitat periods unless approved, in writing, by the MNR:  For CWF - September 15 to May 15</li> <li>- use of existing landings within the AOC requires written approval from the MNR</li> <li>Skid Trails:<ul style="list-style-type: none"><li>- minimize skidding in modified area</li><li>- no skidding across streams without the written approval of the MNR</li></ul></li></ul>
<b>Reserve:</b> 30 - 45 m		
<b>Modified:</b> 20 - 45 m		
<ul style="list-style-type: none"><li>- 0 - 8 degree slope = 30 m reserve</li><li>- 9 - 17 degree slope = 30 m reserve and 20 m modified</li><li>- 18 - 24 degree slope = 35m reserve and 35m modified</li><li>- &gt; 24 degree slope = 45m reserve and 45m modified</li></ul>		

**Additional Information**

- AOC buffers will be estimated on harvest maps and accurately established at the field level
- buffer width changes from map estimates to actual field conditions will not constitute or require an amendment
  
- apply "W AOC for unclassified water systems with no evidence of inlets or outlets

**Monitoring Program**

**Primary/Secondary Roads**

MANAGEMENT UNIT NAME: Nipissing Forest

AOC Type: **Wildlife - Fish**

PLAN TERM April 1, 2004 to March 31, 2009

**FMP-17 Operational Prescriptions for Areas of Concern**

<b>AOC Identifier</b>	<b>Description of Value(s)</b>
CWF	Coldwater Fish Habitat (cold water fisheries and unknown fish habitat)
Map ID: CWF	

Exception  **Objection**

<b>AOC Description</b>	<b>Harvesting, Renewal and Tending Operations</b>	<b>Tertiary Roads and Landings</b>
<b>30 - 90 m AOC</b>	<ul style="list-style-type: none"><li>- harvest operations not to reduce stocking below 12 m<sup>2</sup>/ha basal area of stems greater than 10cm in diameter (DBH) (i.e. no clearcutting)</li><li>- hand tending only</li><li>- no site preparation</li><li>- all operations shall apply best management practices described under the MNR Forest Management Guidelines for the Protection of the Physical Environment</li><li>- marking/harvesting in the modified area of clearcut forest units will only be considered when the current forest unit can be maintained or conversion to shelterwood forest units is possible</li><li>- not harvesting in clearcut forest units within the modified areas will not be deemed as "wasteful practice"</li><li>- minimize ground disturbance in modified area</li></ul>	<ul style="list-style-type: none"><li>- no new roads or landings within the AOC unless approved, in writing, by the MNR</li><li>- all stream crossings and existing road upgrades require written approval from the MNR or approval at AWS planning stage</li><li>- all roads and stream crossings are to adhere to MNR access roads and water crossing guidelines</li><li>- no crossing construction during the following critical habitat periods:  For CWF - September 15 to May 15</li><li>- use of existing landings within the AOC requires written approval from the MNR</li> Skid Trails:<ul style="list-style-type: none"><li>- minimize skidding in modified area</li><li>- no skidding in or across streams without the written approval of the MNR</li></ul></ul>
<b>Reserve:</b> 15 - 45 m		
<b>Modified:</b> 15 - 45 m		
Reserve/Modified: measured from the treed edge: <ul style="list-style-type: none"><li>- 0 - 8 degree slope = 15m reserve and 15m modified</li><li>- 9 - 17 degree slope = 25m reserve and 25m modified</li><li>- 18 - 24 degree slope = 35m reserve and 35m modified</li><li>- &gt; 24 degree slope = 45m reserve and 45m modified</li></ul>		

**Additional Information**

- AOC buffers will be estimated on harvest maps and accurately established at the field level
- buffer width changes from map estimates to actual field conditions will not constitute or require an amendment
  
- apply "W AOC for unclassified water systems with no evidence of inlets or outlets

**Monitoring Program**

**Primary/Secondary Roads** LaSalle Extension, Hardy Road, Pedley Road, Namasang Extension, Gooderham Extension

MANAGEMENT UNIT NAME: Nipissing Forest

AOC Type: **Wildlife - Fish**

PLAN TERM April 1, 2004 to March 31, 2009

**FMP-17 Operational Prescriptions for Areas of Concern**

<b>AOC Identifier</b>	<b>Description of Value(s)</b>
WWF	Warmwater Fish Habitat
Map ID: WWF	

Exception  **Objection**

<u>AOC Description</u>	<u>Harvesting, Renewal and Tending Operations</u>	<u>Tertiary Roads and Landings</u>
<p><b>30 - 90 m AOC</b></p> <p><b>Reserve:</b> 0 - 45 m</p> <p><b>Modified:</b> 30 - 45 m</p> <p>Reserve/ Modified: measured from high water mark:                      - 0 - 8 degree slope = 0m reserve and 30m modified area                      - 9 - 17 degree slope = 25m reserve and 25m modified area                      - 18 -24 degree slope = 35m reserve and 35m modified area                      - &gt; 24 degree slope = 45m reserve and 45m modified area</p>	<p>- low slope conditions (0 - 8 degree slope) harvesting operations permitted to wetland edge</p> <p>- group selection patches not to exceed 50% of the wetland perimeter and should be configured in non-contiguous blocks or strips not exceeding an average width of 30m and residual strips not less than 30 m</p> <p>For Wildlife Biodiversity Management:                      On waterbodies with no other conflicting values:                      - for sh/sel operations - harvest operations not to reduce stocking below 12 m<sup>2</sup>/ha basal area of stems greater than 10cm in diameter (DBH) in the modified zone                      - leave a narrow filter strip of approximately 3m of undisturbed forest floor adjacent to waterbodies                      - no site preparation                      - hand tending only                      - not harvesting in clearcut forest units within modified areas will not be considered as a "wasteful practice"</p>	<p>- no new roads or landings in the AOC unless approved, in writing, by the MNR</p> <p>- re-route roads where possible to avoid the AOC</p> <p>- stream crossings shall adhere to the MNR's environmental guidelines for access roads and water crossings</p> <p>- no crossing construction during critical habitat periods as described in the supplementary documentation's for the specific AOC</p> <p>- April 15 to June 1 for walleye                      - April 1 to May 15 for northern pike                      - May 15 to July 1 for smallmouth and largemouth bass                      - April 15 to June 1 for muskellunge</p>

**Additional Information**

- AOC buffers will be estimated on harvest maps and accurately established at the field level
- buffer width changes from map estimates to actual field conditions will not constitute or require an amendment
- apply "W AOC for unclassified water systems with no evidence of inlets or outlets

**Monitoring Program**

**Primary/Secondary Roads**

MANAGEMENT UNIT NAME: Nipissing Forest

AOC Type: **Wildlife - Mammals**

PLAN TERM April 1, 2004 to March 31, 2009

**FMP-17 Operational Prescriptions for Areas of Concern**

<b>AOC Identifier</b>	<b>Description of Value(s)</b>
DW	Deer Wintering Area
Map ID: DW	

Exception  Objection

<b>AOC Description</b>	<b>Harvesting, Renewal and Tending Operations</b>	<b>Tertiary Roads and Landings</b>
- not applicable		
<b>Reserve:</b> - not applicable	- maintain conifer component - use shelterwood, group selection and small clearcuts to create 0.5 to 2.0 hectare openings within 30m of conifer shelter - larger cuts are acceptable as long as all portions of the cut are within 30m of conifer shelter	- avoid conifer shelter patches
<b>Modified:</b> - not applicable	- harvest operations preferred during winter months - preferably plant red spruce, white spruce, black spruce, red and white pine in appropriate areas or allow natural regeneration of coniferous trees.	Skid Trails: - skid trails should avoid conifer patches whenever possible
Modified - as shown on values maps	- normal maintenance operations - conifer canopy closure must be maintained at 60% where possible unless canopy removal is required to maintain or release conifer understory to assist in the development of future deer wintering area - retain adequate mast producing trees in the deer wintering area (e.g., red oak, beech, ironwood)	

**Additional Information**

- if regeneration is occurring in the fringe areas of a stand, the stand may be a good candidate for harvesting to encourage future deer yard
- when these situations are encountered the SFL will consult with the MNR

**Monitoring Program**

**Primary/Secondary Roads**

MANAGEMENT UNIT NAME: Nipissing Forest

AOC Type: **Wildlife - Mammals**

PLAN TERM April 1, 2004 to March 31, 2009

**FMP-17 Operational Prescriptions for Areas of Concern**

<b>AOC Identifier</b>	<b>Description of Value(s)</b>
MAF	Moose Aquatic Feeding Areas and Mineral Licks
Map ID: MAF	

Exception  Objection

<b>AOC Description</b>	<b>Harvesting, Renewal and Tending Operations</b>	<b>Tertiary Roads and Landings</b>		
<b>120 m AOC</b>	<ul style="list-style-type: none"><li>- modified harvesting in AOC is not to reduce stocking below 12 m<sup>2</sup>/ha of stems 10cm in diameter (DBH) and greater</li><li>- Sb, Sw, Ce, He, Ms, Ab are not to be harvested</li><li>- if the Sb, Sw, Ce, He, Ms, Ab species make up more than 80% of the species inside the AOC, then the entire MAFA is a reserve</li></ul> <p>When the MAF AOC overlaps a WWF AOC and where the slope is 8 degrees or less and is adjacent to a clear cut:</p> <ul style="list-style-type: none"><li>- strips may be clear cut in the modified portion of the AOC</li><li>- strips are not to exceed 50 m in width and residual strips are not to be less than 50 m in width</li><li>- the average basal area within the modified area must be at least 12 m<sup>2</sup>/ha</li><li>- Sb, Sw, Ce, He, Ms, Ab are not to be harvested</li></ul> <p>- normal renewal and maintenance operations</p> <p>If Area is inactive - apply the appropriate AOC (i.e. WWF, CWF, W)</p>	<ul style="list-style-type: none"><li>- no tertiary road construction in the modified area without written approval from the MNR</li></ul> <p>Skid Trails:</p> <ul style="list-style-type: none"><li>- skid perpendicular to the reserve</li></ul>		
<b>Reserve:</b> - minimum 30 meter reserve as measured from treed edge (or greater as per appropriate fisheries AOC)				
<b>Modified:</b> - up to 90 m				

**Additional Information**

Inactive Areas

- due to successional changes some of these areas may no longer support the required aquatic plant life suitable for moose feeding area. Therefore the most appropriate AOC prescription will be applied (e.g. CWF, WWF or Wetland)
- the MNR will be given the opportunity to verify that the original value is no longer present and that the most appropriate prescription has been applied within 5 working days
- the application of the inactive prescription as a result of a value not existing in the field as recorded on the MNR's values map will not require an amendment

**Monitoring Program**

**Primary/Secondary Roads**

MANAGEMENT UNIT NAME: Nipissing Forest

AOC Type: **Wildlife - Mammals**

PLAN TERM April 1, 2004 to March 31, 2009

**FMP-17 Operational Prescriptions for Areas of Concern**

<b>AOC Identifier</b>	<b>Description of Value(s)</b>
<b>MLW</b>	<b>Moose Late Winter Cover Areas</b>
<b>Map ID: MLW</b>	

Exception  **Objection**

<b>AOC Description</b>	<b>Harvesting, Renewal and Tending Operations</b>	<b>Tertiary Roads and Landings</b>
<b>- as described on values maps</b>	<ul style="list-style-type: none"><li>- 3 to 5 hectare minimum shelter patch size recommended to provide cover</li><li>- harvesting in the shelter patches is permitted if the residual conifer crown closure is greater than 60% and greater than 10m in height</li><li>- in pine shelterwood patches harvesting of the overstory is permitted if the understory is greater than 6m in height and will provide adequate lateral cover</li><li>- normal renewal and maintenance operations if browse availability is maintained</li><li>- where available, a minimum of 8% (in areas of "Average and Above Average Moose Carrying Capacity") of a harvested block must be left as MLW (not all MLW shelter patches identified on the values maps need to be protected if there is greater than 8% available MLW habitat present in the block)</li><li>- shelter patches may be harvested once adjacent cut has reached 10m in height and is greater than 60% conifer crown closure</li><li>- in areas of "Below Average Moose Carry Capacity" leave a minimum of 12% of the productive area of the harvested block</li></ul>	<p>- no new roads or landings in shelter patches unless the location is approved, in writing, by the MNR</p> <p>Skid Trails: - skid trails should be orientated perpendicular to shelter patch - skid trails to be well planned and kept to a minimum</p>
<b>Reserve:</b> - 0 m		
<b>Modified:</b> - as described on values maps		
Note: Moose late wintering areas are at least 60% conifer crown closure with residual stems at least 10 m in height or greater.		

**Additional Information**

**Monitoring Program**

**Primary/Secondary Roads**