

## **Appendix 5**

### **Operating Area Maps and Descriptions for District 16**

Operating Area Name: WHITE RIVER (Cr)  
NTS Map #: 40/50

Operating Area Number: C1601  
NFS Inventory Map #: 4011,5041

**Description of Area:** This area is located to the East of Gros Morne National Park (GMNP). The terrain is rough and steep and consists of shallow soils covered with surface boulders. The forest consists mainly of over mature balsam fir with a spruce and white birch component and is fragmented with barren soils, bogs and scrub.

**Harvesting Activities:** This area will be harvested commercially for sawlogs and pulpwood using both mechanical and conventional means with the wood hauled to road side by forwarders and occasionally skidders. The operations will occur mainly during the summer and fall with little chance for winter operations due to the long trucking distance and heavy snowfalls in the area. Proposed cut for this area is approximately 16,000 during the life of this plan.

**Silviculture Activities:** The only issue to be addressed in this area is softwood regeneration failures since balsam fir (bF) is accepted as the most desired species for the site and past history indicate sufficient stocking to bF after harvesting. However, any cutovers with insufficient stocking will be planted. Also, if areas of past operations where over stocked is a problem and aphid is not a limiting factor to yield, PCT will be prescribed to concentrate growth on crop trees.

**Primary Access Road Construction:** None proposed.

**Non – Timber Considerations:** Outfitters Camp & Wildlife Division

Outfitters Camp:

Issue: Dept of Tourism suspects harvesting may be too close to Robert's Outfitting Camp.  
Mitigation: To refrain cutting to within 3 km of outfitters camp.  
Following harvesting access will be restricted by removing bridge across White River flowing out of Angus Lake

Wildlife Division

Issue: This cut block intersects with Newfoundland Marten core area.  
Mitigation: An adaptive management program will be developed for the White River area of forest management district 16.

Issue: Proposed cut block intersects with secondary core caribou area.  
Mitigation: In secondary core caribou habitat there will be restricted harvesting during sensitive periods for caribou

Operating Area Name: WHITE RIVER (Kr)

Operating Area Number: C1602

NTS Map #: 40/50

NFS Inventory Map #: 4011,5041,5031,5021

**Description of Area:** This area is located to the East of Gros Morne National Park (GMNP). The White River area, often referred to as Bridger's Pond/White River, is a block of timber northwest of Cormack that was transferred from CBPPL to Crown in 1991 and due to expire in 2019. The area was obtained to provide timber for commercial operators. The terrain is rough and steep and consists of shallow soils covered with surface boulders. The forest consists mainly of over mature balsam fir with a spruce and white birch component and is fragmented with barren soils, bogs and scrub.

**Harvesting Activities:** This area will be harvested commercially for sawlogs and pulpwood using both mechanical and conventional means with the wood hauled to road side by forwarders and occasionally skidders. The operations will occur mainly during the summer and fall with little chance for winter operations due to the long trucking distance and heavy snowfalls in the area. Trucking will be, done primarily by tractor trailer. Proposed cut for this area is approximately 68,000 m<sup>3</sup> during the life of this plan.

**Silviculture Activities:** The only issue to be addressed in this area is softwood regeneration failures since balsam fir (bF) is accepted as the most desired species for the site and past history indicate sufficient stocking to bF after harvesting. However, any cutovers with insufficient stocking will be planted. Also, if areas of past operations where over stocked is a problem and aphid is not a limiting factor to yield, PCT will be prescribed to concentrate growth on crop trees.

**Primary Access Road Construction:** None proposed.

**Non – Timber Considerations:** Private Recreational Camp, Wildlife Division, NL Snowmobile Federation (NLSF) & Crown Lands

#### Private Recreational Camp

Issue: Intrusion of viewscape and tranquility of surrounding area where camp is located.

Mitigation: To refrain from cutting below the access road towards the steady on White's River where camp is located thus increasing the buffer between operations and steady from 100 m to a minimum of 200 m.

#### NL Snowmobile Federation (NLSF)

Issue: No cutting of timber on either side of NLSF licensed trail.

Mitigation: A 20 meter no cut buffer on either side of NLSF licensed trail.

#### Wildlife Division

Issue: Proposed harvest areas within this cut block outline intersects with the primary and secondary core caribou areas.

Mitigation: There will be no harvesting in the north east portion of this operating area that intersects with primary core caribou habitat. In secondary core caribou habitat there will be restricted harvesting during sensitive periods for caribou.

Issue: This cut block intersects with Newfoundland Marten core area.

Mitigation: An adaptive management program will be developed for the White River area of forest management district 16.

#### Crown Lands

Issue: Remote cottages are scattered in the operating area.

Mitigation: a 20 meter no cut buffer around remote cottages will be instated as a condition of the cutting permit.

Operating Area Name: Cormack ADA North  
NTS Map #: 50

Operating Area Number: C1603  
NFS Inventory Map #: 5032,5021,5022,5023,5012

**Description of Area:** This area is located east of the Viking Trail north of the Humber River. The terrain is generally flat to rolling. The forest consists mainly of mature balsam fir with a spruce and white birch component and is fragmented with cultivated farm land, bogs and scrub. All of the lands to the south of Deadwater Brook are alienated for agriculture use which precludes any long term forest management with land being removed from the forest land base on a continuous basis. The harvesting in this area is of a salvage nature with small operators and domestic cutters removing the salvageable timber before the land is put into agriculture production

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**Harvesting Activities:** Selected stands in this area will be harvested commercially for sawlogs and pulpwood using both mechanical and conventional means with the wood hauled to road side by forwarders and occasionally skidders. Proposed cut for this area during the life of this plan is approximately 188,000 m<sup>3</sup> in a commercial operations and 1,400 m<sup>3</sup> of domestic cut. Due to the opportunistic nature of the harvesting precipitated by the clearing of agriculture land, it is not possible to identify the exact stands that will be harvested commercially.

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**Silviculture Activities:** None proposed due to alienation of land base to agriculture

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**Primary Access Road Construction:** None proposed.

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**Non – Timber Considerations:** Wildlife Division, NL Snowmobile Federation (NLSF) & Crown Lands.

Wildlife Division

Issue: Proposed cut block intersects with secondary core caribou area.  
Mitigation: In secondary core caribou habitat there will be restricted harvesting during sensitive periods for caribou.

NL Snowmobile Federation (NLSF)

Issue: No cutting of timber on either side of NLSF licensed trail.  
Mitigation: A 20 meter no cut buffer on either side of NLSF licensed trail.

Crown Lands

Issue: Remote cottages are scattered in the operating area.  
Mitigation: a 20 meter no cut buffer around remote cottages will be instated as a condition of the cutting permit.

Operating Area Name: Cormack ADA South  
NTS Map #: 49/50/60

Operating Area Number: C1604  
NFS Inventory Map #: 5021,4914,5011,5012,6041

**Description of Area:** This area is located east of the Viking Trail north of the Humber River. The terrain is generally flat to rolling. The forest consists mainly of mature balsam fir with a spruce and white birch component and is fragmented with cultivated farm land, bogs and scrub. All of the lands to the south of Deadwater Brook are alienated for agriculture use which precludes any long term forest management with land being removed from the forest land base on a continuous basis. The harvesting in this area is of a salvage nature with small operators and domestic cutters removing the salvageable timber before the land is put into agriculture production

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**Harvesting Activities:** This area will be harvested mainly by domestic cutters for sawlogs and fuelwood using chainsaws with the wood being hauled to their homes by snowmobile. The cutting will mainly occur during the winter. Proposed cut for this area during the life of this plan is approximately 1,200 m<sup>3</sup>. Due to the opportunistic nature of the harvesting precipitated by the clearing of agriculture land, it is not possible to identify the exact stands that will be harvested commercially.

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**Silviculture Activities:** None proposed due to alienation of land base to agriculture

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**Primary Access Road Construction:** None proposed.

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**Non – Timber Considerations** NL Snowmobile Federation (NLSF), Crown Lands & Wildlife Division.

NL Snowmobile Federation (NLSF)

Issue: No cutting of timber on either side of NLSF licensed trail.

Mitigation: A 20 meter no cut buffer on either side of NLSF licensed trail.

Crown Lands

Issue: Remote cottages are scattered in the operating area.

Mitigation: a 20 meter no cut buffer around remote cottages will be instated as a condition of the cutting permit.

Wildlife Division

Issue: Rare plants occur within this operating area

Mitigation: When rare plants are encountered Wildlife Division will be consulted to determine any mitigative requirements.

Operating Area Name: Cormack S  
NTS Map #: 50

Operating Area Number: C1605  
NFS Inventory Map #: 5022,5021

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**Description of Area:** This area is located to the south of Cormack. This is a block of timber that was a part of the Kittys Brook exchange which is due to expire in 2021. The terrain is rolling to flat and consists of soils ranging from shallow to moderately deep. The forest consists mainly of mature to over mature balsam fir with a spruce and white birch component and is fragmented with bogs and scrub.

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**Harvesting Activities:** This area will be harvested commercially for sawlogs and pulpwood using both mechanical and conventional means with the wood hauled to road side by forwarders and occasionally skidders. The operations will occur mainly during the summer and winter. Proposed cut for this area is approximately 14,000 m<sup>3</sup> during the life of this plan.

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**Silviculture Activities:** The only issue to be addressed in this area is softwood regeneration failures since balsam fir (bF) is accepted as the most desired species for the site and past history indicate sufficient stocking to bF after harvesting. However, any cutovers with insufficient stocking will be planted, and if necessary site preparation may be implemented to some sites.

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**Primary Access Road Construction:** None proposed.

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**Non – Timber Considerations:** Wildlife Division

Wildlife Division

**Issue:** Proposed harvest areas within this cut block outline intersects with the primary and secondary core caribou areas.

**Mitigation:** There will be no harvesting in the portion(s) of this operating area that intersects with primary core caribou habitat. In secondary core caribou habitat there will be restricted harvesting during sensitive periods for caribou.

Operating Area Name: White Hills  
NTS Map #: 49/50

Operating Area Number: C1606  
NFS Inventory Map #: 4934,4924,5021,4914,5011

**Description of Area:** This area is located north of the Cormack Junction east of Route 430, extending to the communities of Wiltondale. Terrain is fairly rugged with rolling slopes.

**Harvesting Activities:** This area will be harvested mainly by domestic cutters for sawlogs and fuelwood using chainsaws with the wood being hauled to their homes by snowmobile. The cutting will mainly occur during the winter. This area is a result of agreements between CBPPL and the Crown. Proposed cut for this area during the life of this plan is approximately 3,000 m<sup>3</sup>

**Silviculture Activities:** The only issue to be addressed in this area is softwood regeneration failures since balsam fir (bF) is accepted as the most desired species for the site and past history indicate sufficient stocking to bF after harvesting. However, any cutovers with insufficient stocking will be planted, and if necessary site preparation may be implemented to some sites.

**Primary Access Road Construction:** None proposed.

• **Non – Timber Considerations:** Crown Lands, NL Snowmobile Federation (NLSF), Viewscape & Wildlife Division

Crown Lands

- Issue: Remote cottages are scattered in the operating area.  
Mitigation: a 20 meter no cut buffer around remote cottages will be instated as a condition of the cutting permit
- Issue: Many private land titles along main road.  
Mitigation: Adequately buffer residences.

NL Snowmobile Federation (NLSF)

- Issue: No cutting of timber on either side of NLSF licensed trail.  
Mitigation: A 20 meter no cut buffer on either side of NLSF licensed trail.

Viewscape

- Issue: Possible visual intrusion on viewscape from Route 430.  
Mitigation: A 300 meter no cut buffer will be maintained along route 430 to minimize any potential negative visual impacts on the landscape.

Wildlife Division

- Issue: Rare plants occur within this operating area  
Mitigation: When rare plants are encountered Wildlife Division will be consulted to determine any mitigative requirements.

Operating Area Name: Junction Brook  
NTS Map #: 60

Operating Area Number: C1607  
NFS Inventory Map #: 6042

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**Description of Area:** This area is located to the south of the Humber River. The terrain is flat to rolling and consists of soils ranging from shallow to moderately deep. The forest consists mainly of mature black spruce with eastern larch and white birch component and is fragmented with bogs, and scrub.

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**Harvesting Activities:** This area will be harvested by domestic cutters for sawlogs and fuelwood using chainsaws with the wood hauled to their homes by snowmobile. The cutting will occur mainly during the winter. Proposed cut for this area is approximately 1,200 m<sup>3</sup> during the life of this plan.

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**Silviculture Activities:** The only issue to be addressed in this area is softwood regeneration failures to black spruce as this is primarily a spruce site. However, any cutovers with insufficient stocking will be planted.

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**Primary Access Road Construction:** None proposed.

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**Non – Timber Considerations:**

Issue:

Mitigation:



Operating Area Name: Crooked Feeder

NTS Map #: 50/60

NFS Inventory Map #:

Operating Area Number: C1608

5012,6041,6042,6043,6032,6033

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**Description of Area:** This area is located to the south of the Humber River. This block of timber was a part of the White River transfer which is due to expire in 2019. The terrain is flat to rolling and consists of soils ranging from shallow to moderately deep. The forest consists mainly of mature black spruce and is fragmented with bogs and scrub.

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**Harvesting Activities:** This area will be harvested by domestic cutters for sawlogs and fuelwood using chainsaws with the wood hauled to their homes by snowmobile. The cutting will occur mainly during the winter. Proposed cut for this area is approximately 2,400 m<sup>3</sup> during the life of this plan.

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**Silviculture Activities:** The only issue to be addressed in this area is softwood regeneration failures to black spruce as this is primarily a spruce site. However, any cutovers with insufficient stocking will be planted.

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**Primary Access Road Construction:** None proposed.

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**Non – Timber Considerations:** Viewscape, T'Railway Provincial Park, NL Snowmobile Federation (NLSF) & Wildlife Division

Viewscape

Issue: CBPPL house is locate within the boundary.

Mitigation: A 200 meter no cut buffer is in place around the stream to include the house.

Issue: Southern boundary is the old railbed which is close to the road

Mitigation: Identified on maps and permits that the boundary is the old railbed not the road.

T'Railway Provincial Park

Issue: Lessen the visual impacts of cutting along the T'Railway Provincial Park.

Mitigation: A 100 no cut buffer is in place along the T'Railway Provincial Park.

NL Snowmobile Federation (NLSF)

Issue: No cutting of timber on either side of NLSF licensed trail.

Mitigation: A 20 meter no cut buffer on either side of NLSF licensed trail.

Wildlife Division

Issue: Rare plants occur within this operating area

Mitigation: When rare plants are encountered Wildlife Division will be consulted to determine any mitigative requirements.

Operating Area Name: Howley Block  
NTS Map #: 60

Operating Area Number: C1609  
NFS Inventory Map #: 6044,6034

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**Description of Area:** This area is bordered by the T'railway to the north. The terrain is flat to rolling and consists of soils ranging from shallow to moderately deep. The forest consists mainly of mature black spruce with a balsam fir and hardwood component and is fragmented with bogs and scrub.

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**Harvesting Activities:** This area will be harvested by domestic cutters for sawlogs and fuelwood using chainsaws with the wood hauled to their homes by snowmobile. The cutting will occur mainly during the winter. Proposed cut for this area is approximately 1,250 m<sup>3</sup> during the life of this plan.

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**Silviculture Activities:** The only issue to be addressed in this area is softwood regeneration failures to black spruce as this is primarily a spruce site. However, any cutovers with insufficient stocking will be planted.

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**Primary Access Road Construction:** None proposed.

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**Non – Timber Considerations:** Wildlife Division ,T'railway Provincial Park, Crown Lands

Wildlife Division

Issue: This cut block intersects with Newfoundland Marten critical habitat and core area.  
Mitigation: An adaptive management plan will be developed and managed cooperatively by the Department of Natural Resources - Center for Forest Science and Innovation, and the Department of Environment and Conservation - Wildlife Division.

T'railway Provincial Park

Issue: Possible visual intrusion on the T'railway Provincial Park  
Mitigation: There will be a 100-meter no cut buffer maintained along the T'railway to lessen the visual impacts of cutting.

Crown Lands

Issue: Harvesting is not permitted inside the infilling limits of a community.  
Mitigation: District will work with the community to resolve any issues surrounding harvesting within their infill/municipal boundary.

Issue: No harvesting in the area between NL hydro and the community of Howley.  
Mitigation: This area has been designated as a no cut area.

Operating Area Name: Goose Steadies

NTS Map #: 60/61

NFS Inventory Map #:

Operating Area Number: C1610

6043,6044,6141,6033,6034

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**Description of Area:** This area is located north of Howley and is bordered by the T'railway. The terrain is flat to rolling and consists of soils ranging from shallow to moderately deep.

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**Harvesting Activities:** This area will be harvested by domestic cutters for sawlogs and fuelwood using chainsaws with the wood hauled to their homes by snowmobile. The cutting will occur mainly during the winter. Proposed cut for this area is approximately 1,900 m<sup>3</sup> during the life of this plan.

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**Silviculture Activities:** The only issue to be addressed in this area is softwood regeneration failures to black spruce as this is primarily a spruce site. However, any cutovers with insufficient stocking will be planted.

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**Primary Access Road Construction:** None proposed.

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**Non – Timber Considerations:** Wildlife Division, Crown Lands & T'railway Provincial Park

#### Wildlife Division

Issue: This cut block intersects with Newfoundland Marten critical habitat and core area.

Mitigation: An adaptive management plan will be developed and managed cooperatively by the Department of Natural Resources - Center for Forest Science and Innovation, and the Department of Environment and Conservation - Wildlife Division.

Issue: Rare plants occur within this operating area

Mitigation: When rare plants are encountered Wildlife Division will be consulted to determine any mitigative requirements.

#### Crown Lands

Issue: Harvesting is not permitted inside the infilling limits of a community.

Mitigation: District will work with the community to resolve any issues surrounding harvesting within their infill/municipal boundary.

#### T'railway Provincial Park

Issue: Possible visual intrusion on the T'railway Provincial Park

Mitigation: There will be a 100-meter no cut buffer maintained along the T'railway to lessen the visual impacts of cutting.

Operating Area Name: Faulkner's Pond  
NTS Map #: 41/51

Operating Area Number: C1611  
NFS Inventory Map #: 4111,5141

**Description of Area:** This area is located in White Bay South of Route 420 – Sops Arm Road. The terrain is rolling to flat and consists of soils ranging from shallow to moderately deep. The forest consists mainly of mature to over mature balsam fir with a spruce and white birch component and is fragmented with bogs and scrub.

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**Harvesting Activities:**

None Proposed

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**Silviculture Activities:** The only issue to be addressed in this area is softwood regeneration failures since balsam fir (bF) is accepted as the most desired species for the site and past history indicate sufficient stocking to bF after harvesting. However, any cutovers with insufficient stocking or indications of moderate to severe balsam wooly aphid damage in the area will be site prepared using prescribe burn, then planted to black spruce or white spruce.

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**Primary Access Road Construction:** None proposed.

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**Non – Timber Considerations:** Viewscape from Route 420

Viewscape

Issue: Possible visual intrusion on viewscape from Route 420  
Mitigation: Limit the harvesting along Route 420 to lessen the visual impacts of cutting.

Operating Area Name: Clam Pond

NTS Map #: 41

Operating Area Number: C1612

NFS Inventory Map #:

4111,4121,4122,4131,4132

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**Description of Area:** This area is located in White Bay South of Route 420 – Sops Arm Road. The terrain is rolling to steep and consists of soils ranging from shallow to moderately deep. The forest consists mainly of mature to over mature balsam fir with a spruce and white birch component and is fragmented with bogs and scrub.

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**Harvesting Activities:** This area will be harvested commercially for sawlogs and pulpwood using mostly conventional means with the wood hauled to road side by forwarders and occasionally skidders. The operations will occur mainly during the summer and fall. Trucking will be done primarily by Tractor trailer. Proposed cut for this area is approximately 116,000 m<sup>3</sup> during the life of this plan.

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**Silviculture Activities:** The only issue to be addressed in this area is softwood regeneration failures since balsam fir (bF) is accepted as the most desired species for the site and past history indicate sufficient stocking to bF after harvesting. However, any cutovers with insufficient stocking or indications of moderate to severe balsam wooly aphid damage in the area will be site prepared using prescribe burn, then planted to black spruce or white spruce.

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**Primary Access Road Construction:** none.

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**Non – Timber Considerations:** Crown Lands, unscheduled salmon & trout stream & NL Snowmobile Federation (NLSF).

Crown Lands

Issue: Remote cottages are scattered in the operating area.

Mitigation: a 20 meter no cut buffer around remote cottages will be instated as a condition of the cutting permit

Unscheduled salmon & trout stream

Issue: Possible impacts on fish habitat.

Mitigation: To abide by Environmental Protection Guidelines with regard to fish habitat and water quality.

NL Snowmobile Federation (NLSF)

Issue: No cutting of timber on either side of NLSF licensed trail.

Mitigation: A 20 meter no cut buffer on either side of NLSF licensed trail.

Operating Area Name: Hampden

NTS Map #: 41/51

Operating Area Number: C1613

NFS Inventory Map #: 4111,4112,5142,4122

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**Description of Area:** This area is located in the bottom of White Bay heading north from Hampden. The terrain is rolling to steep and consists of soils ranging from shallow to moderately deep. The forest consists mainly of over mature balsam fir with a spruce and white birch component and is fragmented with bogs and scrub.

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**Harvesting Activities:** This area will be harvested mainly by domestic cutters for sawlogs and fuelwood using chainsaws with the wood hauled to their homes by snowmobile. The cutting will occur mainly during the winter. Proposed cut for this area is approximately 1,850 m<sup>3</sup> during the life of this plan.

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**Silviculture Activities:** None planned.

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**Primary Access Road Construction:** None proposed.

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**Non – Timber Considerations:** Wildlife Division & Crown Lands

Wildlife Division

Issue: Rare plants occur within this operating area

Mitigation: When rare plants are encountered Wildlife Division will be consulted to determine any mitigative requirements.

Crown Lands

Issue: Harvesting is not permitted inside the infilling limits of a community.

Mitigation: District will work with the community to resolve any issues surrounding harvesting within their infill/municipal boundary.

Operating Area Name: Saltwater Pond  
NTS Map #: 41

Operating Area Number: C1614  
NFS Inventory Map #: 4122,4132,4142

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**Description of Area:** This area is accessed in White Bay South by Route 420 – Sops Arm Road and is located to the north of Hampden and is a continuation of operation by a sawmiller who had historical rights before the area was licensed to ACCC. The terrain is rolling to steep and consists of soils ranging from shallow to moderately deep. The forest consists mainly of over mature balsam fir with a spruce and white birch component and is fragmented with bogs and scrub.

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**Harvesting Activities:** This area will be harvested commercially for sawlogs and pulpwood using mostly conventional means with the wood hauled to road side by forwarders and occasionally skidders. The operations will occur mainly during the summer and fall. Trucking will be done primarily by Tractor trailer. Proposed cut for this area is approximately 18,600 m<sup>3</sup> during the life of this plan.

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**Silviculture Activities:** One of the issues to be addressed in this area is softwood regeneration failures. Balsam fir (bF) is accepted as the most desired species for the site and past history indicate sufficient stocking to bF after harvesting. However, any cutovers with insufficient stocking or indications of moderate to severe balsam wooly aphid damage the area will be site prepared using prescribed burn then planted. Also, in areas of past operations where overstocking is a problem and aphid is not a limiting factor to yield, PCT will be prescribed to concentrate growth on crop trees.

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**Primary Access Road Construction:** none

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**Non – Timber Considerations:** Crown Lands & unscheduled salmon & trout stream

Crown Lands

Issue: Remote cottages are scattered in the operating area.  
Mitigation: a 20 meter no cut buffer around remote cottages will be instated as a condition of the cutting permit

Unscheduled salmon & trout stream

Issue: Possible impacts on fish habitat  
Mitigation: To abide by Environmental Protection Guidelines with regard to fish habitat and water quality and maintain a 50 m buffer along Saltwater Brook and adjacent ponds

Operating Area Name: Spear Cove Pond  
NTS Map #: 41

Operating Area Number: C1615  
NFS Inventory Map #: 4142

**Description of Area:** This area is accessed in White Bay South by Route 420 – Sops Arm Road and is located to the north of Hampden and is a continuation of operation by a sawmiller who had historical rights before the area was licensed to ACCC. The terrain is rolling to steep and consists of soils ranging from shallow to moderately deep. The forest consists mainly of over mature balsam fir with a spruce and white birch component and is fragmented with bogs and scrub.

**Harvesting Activities:** This area will be harvested commercially for sawlogs and pulpwood using mostly conventional means with the wood hauled to road side by forwarders and occasionally skidders. The operations will occur mainly during the summer and fall. Trucking will be done primarily by Tractor trailer. Proposed cut for this area is approximately 45,000 m<sup>3</sup> during the life of this plan.

**Silviculture Activities:** Pending intense and/or reconnaissance survey results, pre-commercial thinning will occur on immature timber stands and planting/gap planting will occur on either recent cuts or stands that will be harvested in this period. If aphid is present, a site preparation treatment using prescribed burn may be proposed prior to planting.

**Primary Access Road Construction:** none

**Non – Timber Considerations:** Possible Archeological sites along the coast. NL Snowmobile Federation (NLSF).

Possible Archeological sites along the coast

Issue: Possible impacts on sites by equipment.  
Mitigation: To abide by Environmental Protection Guidelines (EPG's) and maintain a no cut 100-meter buffer along the coast.

NL Snowmobile Federation (NLSF)

Issue: No cutting of timber on either side of NLSF licensed trail.  
Mitigation: A 20 meter no cut buffer on either side of NLSF licensed trail.



Operating Area Name: Pinksen's Road  
NTS Map #: 41/33

Operating Area Number: C1616  
NFS Inventory Map #: 4142,4141,3311,3312

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**Description of Area:** This area is located to the south of Pollard's Point. The terrain is rolling to steep and consists of soils ranging from shallow to moderately deep. The forest consists mainly of over mature balsam fir with a spruce and white birch component and is fragmented with bogs and scrub.

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**Harvesting Activities:** This area will be harvested mainly by domestic cutters for sawlogs and fuelwood using chainsaws with the wood hauled to their homes by snowmobile. The cutting will occur mainly during the winter. Proposed cut for this area is approximately 6,400 m<sup>3</sup> during the life of this plan.

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**Silviculture Activities:** The only issue to be addressed in this area is softwood regeneration failures since balsam fir (bF) is accepted as the most desired species for the site and past history indicate sufficient stocking to bF after harvesting. However, any cutovers with insufficient stocking will be planted, and if necessary site preparation may be implemented to some sites.

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**Primary Access Road Construction:** None proposed.

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**Non – Timber Considerations:** Protected Water Supply Area (PWSA), NL Snowmobile Federation (NLSF), Wildlife Division & Crown Lands

Protected Water Supply Area (PWSA)

Issue: Domestic cutting to occur within the PWSA for Pollard's Point.  
Mitigation: The Community of Pollards Point is to be consulted with regards to this proposal. To abide by Environmental Protection Guidelines (EPG's) as they pertain to PWSA's. To obtain a Certificate of Approval from Water Resources Division prior to any permits are issued inside the PWSA.

NL Snowmobile Federation (NLSF)

Issue: No cutting of timber on either side of NLSF licensed trail.  
Mitigation: A 20 meter no cut buffer on either side of NLSF licensed trail.

Wildlife Division

Issue: Rare plants occur within this operating area  
Mitigation: When rare plants are encountered Wildlife Division will be consulted to determine any mitigative requirements.

Issue: This cut block intersects with Newfoundland Marten critical habitat and core area.  
Mitigation: An adaptive management plan will be developed and managed cooperatively by the Department of Natural Resources - Center for Forest Science and Innovation, and the Department of Environment and Conservation - Wildlife Division.

Crown Lands

Issue: Remote cottages are scattered in the operating area.  
Mitigation: a 20 meter no cut buffer around remote cottages will be instated as a condition of the cutting permit

Operating Area Name: Giles Pond  
NTS Map #: 41/33

Operating Area Number: C1617  
NFS Inventory Map #: 4141,3311

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**Description of Area:** This area is located near Giles Pond west of Pollard's Point. The terrain is rolling to steep and consists of soils ranging from shallow to moderately deep. The forest consists mainly of over mature bF with a bS and wB component and is fragmented with bogs and scrub.

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**Harvesting Activities:** There will be a small commercial winter operation where approximately 3,000 m<sup>3</sup> of timber will be allotted during the life of this plan.

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**Silviculture Activities:** Pending intense and/or reconnaissance survey results, pre-commercial thinning will occur on immature timber stands and planting/gap planting will occur on either recent cuts or stands that will be harvested in this period.

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**Primary Access Road Construction:** None proposed.

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**Non – Timber Considerations:**

Issue:

Mitigation:

Operating Area Name: Sop's Arm / Jackson's Arm

Operating Area Number: C1618

NTS Map #: 33

NFS Inventory Map #:

3312,3311,3321,3322,3323,3332,3333

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**Description of Area:** This area is located from Sop's Arm to Jackson's Arm along the Jackson's Arm Road. The terrain is rough on steep ground and consists mostly of shallow soils. The forest consists mainly of over mature balsam fir with a spruce and white birch component and is fragmented with bogs, barrens and scrub.

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**Harvesting Activities:** This area will be harvested mainly by domestic cutters for sawlogs and fuelwood using chainsaws with the wood hauled to their homes by snowmobile. The cutting will occur mainly during the winter. Proposed cut for this area is approximately 11,000 m<sup>3</sup> during the life of this plan.

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**Silviculture Activities:** The only issue to be addressed in this area is softwood regeneration failures since balsam fir (bF) is accepted as the most desired species for the site and past history indicate sufficient stocking to bF after harvesting. However, any cutovers with insufficient stocking will be planted, and if necessary site preparation may be implemented to some sites.

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**Primary Access Road Construction:** None proposed.

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**Non – Timber Considerations:** Protected Water Supply Area (PWSA). NL Snowmobile Federation (NLSF), Wildlife Division & Crown Lands

Protected Water Supply Area (PWSA)

Issue: Domestic cutting to occur within the PWSA for Sop's Arm and Jackson's Arm.

Mitigation: The Communities are to be consulted with regards to this proposal. To abide by Environmental Protection Guidelines (EPG's) as they pertain to PWSA's. To obtain a Certificate of Approval from Water Resources Division prior to any permits are issued inside the PWSA.

NL Snowmobile Federation (NLSF)

Issue: No cutting of timber on either side of NLSF licensed trail.

Mitigation: A 20 meter no cut buffer on either side of NLSF licensed trail.

Wildlife Division

Issue: This cut block intersects with Newfoundland Marten critical habitat and core area.

Mitigation: An adaptive management plan will be developed and managed cooperatively by the Department of Natural Resources - Center for Forest Science and Innovation, and the Department of Environment and Conservation - Wildlife Division.

Issue: Rare plants occur within this operating area

Mitigation: When rare plants are encountered Wildlife Division will be consulted to determine any mitigative requirements.

Crown Lands

Issue: Remote cottages are scattered in the operating area.

Mitigation: a 20 meter no cut buffer around remote cottages will be instated as a condition of the cutting permit

Issue: Harvesting is not permitted inside the infilling limits of the communities.

Mitigation: District will work with the community to resolve any issues surrounding harvesting within their infill/municipal boundary.

Operating Area Name: Grassy Cove  
NTS Map #: 33

Operating Area Number: C1619  
NFS Inventory Map #: 3312,3322

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**Description of Area:** This area is located north of Sop's Arm in White Bay. The terrain is rough on steep ground and consists mostly of shallow soils. The forest consists mainly of over mature balsam fir with a spruce and white birch component and is fragmented with bogs, barrens and scrub.

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**Harvesting Activities:** This area will be harvested mainly for commercial sawlogs and fuelwood using chainsaws. The cutting will occur mainly during the winter. Proposed cut for this area is approximately 31,000 m<sup>3</sup> during the life of this plan.

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**Silviculture Activities:** Pending intense and/or reconnaissance survey results, pre-commercial thinning will occur on immature timber stands and planting/gap planting will occur on either recent cuts or stands that will be harvested in this period.

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**Primary Access Road Construction:** None proposed.

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**Non – Timber Considerations:** Possible Archeological sites along the coast

Possible Archeological sites along the coast

Issue: Possible impacts on sites by cutting activity

Mitigation: To abide by Environmental Protection Guidelines (EPG's), winter cutting activity only and maintain a no-cut 100-meter buffer along the coast

Operating Area Name: Jackson's Arm Ridge  
NTS Map #: 33

Operating Area Number: C1620  
NFS Inventory Map #: 3332,3333

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**Description of Area:** This area is located to the north of Jackson's Arm and is a continuation of previous operations in the area when it was licensed to ACCC. The terrain is rolling to steep and consists of soils ranging from shallow to moderately deep. The forest consists mainly of over mature balsam fir with a spruce and white birch component and is fragmented with bogs and scrub.

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**Harvesting Activities:** This area will be harvested mainly by domestic cutters for sawlogs and pulpwood using chainsaws with the wood hauled to their homes by snowmobile. The operations will occur mainly during the fall and winter. Proposed cut for this area is approximately 3,500 m<sup>3</sup> during the life of this plan.

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**Silviculture Activities:** One of the issues to be addressed in this area is softwood regeneration failures. Balsam fir (bF) is accepted as the most desired species for the site and past history indicate sufficient stocking to bF after harvesting. However, any cutovers with insufficient stocking or indications of moderate to severe balsam wooly aphid damage the area will be planted. Also, in areas of past operations where overstocking is a problem and aphid is not a limiting factor to yield PCT will be prescribed to concentrate growth on crop trees.

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### **Primary Access Road Construction:**

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**Non – Timber Considerations:** Scheduled salmon & trout stream & Crown Lands

Scheduled salmon & trout stream

Issue: Possible impacts on fish habitat in Big Arm Brook  
Mitigation: To abide by Environmental Protection Guidelines with regard to fish habitat and water quality. Also, a 100-meter no-cut buffer maintained along Big Arm Brook

Crown Lands

Issue: Remote cottages are scattered in the operating area.  
Mitigation: a 20 meter no cut buffer around remote cottages will be instated as a condition of the cutting permit

Operating Area Name: Cat Arm Road  
NTS Map #: 33/28

Operating Area Number: C1621  
NFS Inventory Map #: 3322,3342,2812

**Description of Area:** This area is located along the Cat Arm Hydro Development Road and is a continuation of previous operations. The terrain is rough on steep ground and consists mostly of shallow soils. The forest consists mainly of over mature balsam fir with a spruce and white birch component and is fragmented with, barrens and scrub.

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**Harvesting Activities:** This area will be harvested mainly by domestic cutters for sawlogs and fuelwood using chainsaws with the wood hauled to roadside by snowmobile. The cutting will occur mainly during the winter. Proposed cut for this area is approximately 500 m<sup>3</sup> during the life of this plan.

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**Silviculture Activities:** The only issue to be addressed in this area is softwood regeneration failures since balsam fir (bF) is accepted as the most desired species for the site and past history indicate sufficient stocking to bF after harvesting. However, any cutovers with insufficient stocking will be planted, and if necessary site preparation may be implemented to some sites.

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**Primary Access Road Construction:** None proposed.

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**Non – Timber Considerations:** Possible Archeological sites along the coast, NL Snowmobile Federation (NLSF) & Crown Lands

Possible Archeological sites along the coast

Issue: Possible impacts on sites by cutting activity.

Mitigation: To abide by Environmental Protection Guidelines (EPG's) and maintain a no cut 100-meter buffer along the coast

NL Snowmobile Federation (NLSF)

Issue: No cutting of timber on either side of NLSF licensed trail.

Mitigation: A 20 meter no cut buffer on either side of NLSF licensed trail.

Crown Lands

Issue: Remote cottages are scattered in the operating area.

Mitigation: a 20 meter no cut buffer around remote cottages will be instated as a condition of the cutting permit

Operating Area Name: Hampden Highway

NTS Map #: 51/41

NFS Inventory Map #:

Operating Area Number: C0937

5131,5132,5141,5142,4111,4112

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**Description of Area:** This area is located south of Hampden along route 421 and route 420 far as Rushy Pond. The terrain is rolling to steep and consists of soils ranging from shallow to moderately deep. The forest consists mainly of bF with a wS component and is fragmented with bogs and scrub.

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**Harvesting Activities:** This area will be harvested mainly for commercial operators for sawlogs and fuelwood. The cutting will occur mainly during the fall and winter. Allocated cut for this area is approximately 66,000 m<sup>3</sup> during the life of this plan.

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**Silviculture Activities:** The only issue to be addressed in this area is softwood regeneration failures since balsam fir (bF) is accepted as the most desired species for the site and past history indicate sufficient stocking to bF after harvesting. However, any cutovers with insufficient stocking or indications of moderate to severe balsam woolly aphid damage in the area will be site prepared using prescribe burn, then planted to black spruce or white spruce.

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**Primary Access Road Construction:** None proposed.

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**Non – Timber Considerations:** Wildlife Division, Viewscape & Crown Lands

Wildlife Division

Issue: Proposed harvest areas within this cut block outline intersects with the primary and secondary core caribou areas.

Mitigation: Boundary was modified to eliminate harvesting in primary core caribou habitat. In secondary core caribou habitat there will be restricted harvesting during sensitive periods for caribou

Viewscape

Issue: Town of Hampden raised a concern over the potential impact that harvesting may have on the viewshed south of the community.

Mitigation: DNR is working with the community to develop a harvesting plan designed to minimize any perceived adverse visual impacts.

Crown Lands

Issue: Remote cottages are scattered in the operating area.

Mitigation: a 20 meter no cut buffer around remote cottages will be instated as a condition of the cutting permit

Operating Area Name: Chouse Brook Road

NTS Map #: 41/33

Operating Area Number: C0939

NFS Inventory Map #:

4122,4123,4132,4133,4143,3313

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**Description of Area:** This area is located east of White Bay , south of Purbeck's Cove.

The area consists of over mature balsam fir and black spruce stands which have been prone to incidents of blowdown in exposed areas. The terrain in this area is steep and rough with shallow soils.

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**Harvesting Activities:** This area will be harvested mainly by domestic cutters for sawlogs and fuelwood using chainsaws with the wood hauled to roadside by snowmobile. The cutting will occur mainly during the winter. Proposed cut for this area is approximately 366 m<sup>3</sup> during the life of this plan

Also, in this area on the northern boundary, there will be area for commercial harvest, where approximately 4,300 m<sup>3</sup> of timber will be allotted during the life of this plan.

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**Silviculture Activities:** The only issue to be addressed in this area is softwood regeneration failures since balsam fir (bF) is accepted as the most desired species for the site and past history indicate sufficient stocking to bF after harvesting. However, any cutovers with insufficient stocking or indications of moderate to severe balsam wooly aphid damage in the area will be site prepared using prescribe burn, then planted to black spruce or white spruce.

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**Primary Access Road Construction:** None proposed.

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**Non – Timber Considerations:** Possible Archeological sites along the coast, Wildlife Division & Crown Lands

Possible Archeological sites along the coast

Issue: Possible impacts on sites by cutting activity

Mitigation: To abide by Environmental Protection Guidelines (EPG's) and maintain a no cut 100-meter buffer along the coast

Wildlife Division

Issue: Proposed harvest areas within this cut block outline intersects with the primary and secondary core caribou areas.

Mitigation: There will be no harvesting in the portion(s) of this operating area that intersects with primary core caribou habitat. In secondary core caribou habitat there will be restricted harvesting during sensitive periods for caribou.

Crown Lands

Issue: Remote cottages are scattered in the operating area.

Mitigation: a 20 meter no cut buffer around remote cottages will be instated as a condition of the cutting permit.



Operating Area Name: Beaches  
NTS Map #: 41

Operating Area Number: C0940  
NFS Inventory Map #: 4112,4122

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**Description of Area:** This area is located near the community of Beaches in White Bay. The area consists of over mature bF and bS stands which have been prone to incidents of blowdown in exposed areas. The terrain in this area is steep and rough with shallow soils.

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**Harvesting Activities:** This area will be harvested mainly by domestic cutters for sawlogs and fuelwood using chainsaws with the wood hauled to roadside by snowmobile. The cutting will occur mainly during the winter. Proposed cut for this area is approximately 1,800 m<sup>3</sup> during the life of this plan

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**Silviculture Activities:** The only issue to be addressed in this area is softwood regeneration failures since balsam fir (bF) is accepted as the most desired species for the site and past history indicate sufficient stocking to bF after harvesting. However, any cutovers with insufficient stocking will be planted, and if necessary site preparation may be implemented to some sites.

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**Primary Access Road Construction:** None

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**Non – Timber Considerations:** Possible Archeological sites along the coast & Crown Lands

Possible Archeological sites along the coast

Issue: Possible impacts on sites by cutting activity  
Mitigation: To abide by Environmental Protection Guidelines (EPG's) and maintain a no cut 100-meter buffer along the coast

Crown Lands

Issue: Harvesting is not permitted inside the infilling limits of a community.  
Mitigation: District will work with the community to resolve any issues surrounding harvesting within their infill/municipal boundary.