

<b>Operating Area Name:</b> Seal Bay River West	<b>Operating Area #:</b> CC10001
<b>NFS Inventory Map #:</b> 5313, 5323,5324	<b>NTS Map #:</b> 2E/5

**Description of Area:**

This area of crown land is located on the northern boundary of forest management district (FMD) 10 and bounded by FMD 8. It is accessible off route 350 between Point Leamington and Glovers Harbour via Southern Lake Forest Access road. The terrain varies from rugged to rolling hills to steep valleys.

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Block also contains of a large amount of age class 3 timber that has to be assessed for harvesting potential. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest: 24,000 m3

Proposed 5 year commercial hardwood harvest: 100 m3

Proposed 5 year domestic softwood harvest: 0 m3

Proposed 5 year domestic hardwood harvest: 0 m3

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 9.3 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Seal Bay River East	<b>Operating Area #:</b> CC10002
<b>NFS Inventory Map #:</b> 5313, 5314, 5323, 5324	<b>NTS Map #:</b> 2E/5

**Description of Area:**

This area of crown land is located on the northern boundary of forest management district (FMD) 10 and bounded by FMD 8. It is accessible off route 350 between Point Leamington and Glovers Harbour via Southern Lake Forest Access road. The terrain varies from rugged to rolling hills to steep valleys.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. Some tree length timber on steep slopes may be harvested using skidders. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 4,200 m<sup>3</sup>  
Proposed 5 year commercial hardwood harvest: 100 m<sup>3</sup>  
Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>  
Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands. .

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**Primary Forest Access Road Construction:**

New Construction: 1.2 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Long Pond West	<b>Operating Area #:</b> CC10003
<b>NFS Inventory Map #:</b> 5314, 5324	<b>NTS Map #:</b> 2E/5

**Description of Area:**

This area of crown land is located on the northern boundary of forest management district (FMD) 10 and bounded by FMD 8. It is accessible off route 350 between Point Leamington and Glovers Harbour via Southern Lake Forest Access road. The terrain varies from rugged to rolling hills to steep valleys, and this area has extremely steep / rugged portions.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. Some tree length timber on steep slopes may be harvested using skidders. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

- Proposed 5 year commercial softwood harvest: 6,100 m<sup>3</sup>
- Proposed 5 year commercial hardwood harvest: 2,900 m<sup>3</sup>
- Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>
- Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for reforestation efforts. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 2.8 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Trout Lake	<b>Operating Area #:</b> CC10004
<b>NFS Inventory Map #:</b> 5314	<b>NTS Map #:</b> 2E/5

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**Description of Area:**

This area of crown land is located on the northern boundary of forest management district (FMD) 10 and bounded by FMD 8. It is accessible off route 350 between Point Leamington and Glovers Harbour via Southern Lake Forest Access road. The terrain varies from rugged to rolling hills to steep valleys.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. Some tree length timber on steep slopes may be harvested using skidders. Commercial hardwood fuel-wood operations will be a significant portion of this block. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 3,800 m<sup>3</sup>  
Proposed 5 year commercial hardwood harvest: 7,200 m<sup>3</sup>  
Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>  
Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 3.1 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Mud Lake	<b>Operating Area #:</b> CC10005
<b>NFS Inventory Map #:</b> 5411, 6441	<b>NTS Map #:</b> 2E/6, 2E/3

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**Description of Area:**

This area of crown land is located along the North-East boundary of forest management district (FMD) 10. This block is adjacent to the Point Leamington Protected Watersupply area and is comprised of very rugged and hilly terrain.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. Commercial hardwood fuel-wood operations will be a significant portion of this block. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 1,000 m<sup>3</sup>  
Proposed 5 year commercial hardwood harvest: 4,300 m<sup>3</sup>  
Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>  
Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 1.6 km  
Reconstruction: 1.3 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> New Bay River	<b>Operating Area #:</b> CC10006
<b>NFS Inventory Map #:</b> 6441	<b>NTS Map #:</b> 2E/3

**Description of Area:**

This area of crown land is located along the North-East boundary of forest management district (FMD) 10 with access off route 350. The operating area is located in the North-Central Sub region of the Central Newfoundland Forest Ecoregion.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 11,400 m<sup>3</sup>

Proposed 5 year commercial hardwood harvest: 6,100 m<sup>3</sup>

Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>

Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 5.0 km

Reconstruction: 4.2 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Northern Arm Brook	<b>Operating Area #:</b> CC10007
<b>NFS Inventory Map #:</b> 6421, 6431	<b>NTS Map #:</b> 2E/3

**Description of Area:**

This area of crown land is located on the Eastern boundary of forest management district (FMD) 10. The north and east side of the proposed cutting area is bounded by the FMD 8 and 10 boundary. It is accessed from route 350 near Northern Arm on the south side of Northern Arm Brook. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by earlier operations. The terrain varies from rugged to rolling.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 6,500 m<sup>3</sup>

Proposed 5 year commercial hardwood harvest: 50 m<sup>3</sup>

Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>

Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 1.4 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Northern Arm Brook 2	<b>Operating Area #:</b> CC10008
<b>NFS Inventory Map #:</b> 6324, 6421	<b>NTS Map #:</b> 2E/3, 2E/4

**Description of Area:**

This area of crown land is located on the Eastern boundary of forest management district (FMD) 10. The north side of the proposed cutting area is bounded by the FMD 8 and 10 boundary. This block can be accessed from route 350 near Northern Arm on the south side of Northern Arm Brook or from the west via New Bay Access Road. The terrain varies from rugged to rolling.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 6,400 m<sup>3</sup>

Proposed 5 year commercial hardwood harvest: 350 m<sup>3</sup>

Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>

Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 6.3 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Musquash Road	<b>Operating Area #:</b> CC10009
<b>NFS Inventory Map #:</b> 6324, 6334	<b>NTS Map #:</b> 2E/4

**Description of Area:**

This area of crown land is located on the Eastern boundary of forest management district (FMD) 10. The east side of the proposed cutting area is bounded by the FMD 8 and 10 boundary. It is access via the New Bay Lake forest access road and Musquash road network. The area contains 82 ha of PCT from the early 1990's. Commercial hardwood fuel-wood operations will be a significant portion of this block.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 14,200 m<sup>3</sup>

Proposed 5 year commercial hardwood harvest: 1,500 m<sup>3</sup>

Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>

Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 2.8 km

Reconstruction: 5.5 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Cassandra Pond	<b>Operating Area #:</b> CC10010
<b>NFS Inventory Map #:</b> 7541	<b>NTS Map #:</b> 2D/13

**Description of Area:**

This area of crown land is located south-east of Badger and is accessible from the TCH (Route 1). It is located on the north side of the Exploit's River which forms the boundary between forest management districts (FMD) 10 and 11. There is also a 22 ha component of Pre Commercial Thinning's in this area, treated in 1977 and 2005. The terrain varies from flat to rolling.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. Some tree length timber on steep slopes may be harvested using skidders. Commercial hardwood fuel-wood operations will be a significant portion of this block. Block also contains of a large amount of age class 3 timber that has to be assessed for harvesting potential. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 406000 m<sup>3</sup>  
Proposed 5 year commercial hardwood harvest: 5,800 m<sup>3</sup>  
Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>  
Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for site preparation and planting. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation, planting and/or gap planting. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 10.1 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Badger Chute East	<b>Operating Area #:</b> CC10011
<b>NFS Inventory Map #:</b> 7541	<b>NTS Map #:</b> 2D/13

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**Description of Area:**

This area of crown land is located south-east of Badger and is accessible from the TCH (Route 1). It is located on the north side of the Exploit's River which forms the boundary between forest management districts (FMD) 10 and 11.. The terrain varies from flat to rolling terrain.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting may occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 2,800 m<sup>3</sup>

Proposed 5 year commercial hardwood harvest: 50 m<sup>3</sup>

Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>

Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing / new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 0.8 km

Reconstruction: 0.5 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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Block also contains of a large amount of age class 3 timber that has to be assessed for harvesting potential. <b>Operating Area Name:</b> Badger Chute	<b>Operating Area #:</b> CC10012
<b>NFS Inventory Map #:</b> 7444, 7541	<b>NTS Map #:</b> 2D/13, 12A/16

**Description of Area:**

This area of crown land is located south-east of Badger and is accessible from the TCH (Route 1). It is located on the north side of the Exploit's River which forms the boundary between forest management districts (FMD) 10 and 11. Block also contains of a large amount of age class 3 timber that has to be assessed for harvesting potential. This area includes a portion of Pre Commercial Thinning's (PCT) treated in 1977. This commercial block varies from moderate to rolling terrain. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting may occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

- Proposed 5 year commercial softwood harvest: 4,800m<sup>3</sup>
- Proposed 5 year commercial hardwood harvest: 100 m<sup>3</sup>
- Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>
- Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 3.4 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Catamaran Brook	<b>Operating Area #:</b> CC10013
<b>NFS Inventory Map #:</b> 6213, 6214	<b>NTS Map #:</b> 12H/1

**Description of Area:**

This area of crown land is located on the Western boundary of forest management district (FMD) 10. It can be accessed from the TCH (Route 1) North of Badger via Catamaran forest access roads. The terrain varies from rugged to rolling.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. Commercial hardwood fuel-wood operations will be a significant portion of this block. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

- Proposed 5 year commercial softwood harvest: 9,000 m<sup>3</sup>
- Proposed 5 year commercial hardwood harvest: 2,100 m<sup>3</sup>
- Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>
- Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 5.0 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Rocky Brook	<b>Operating Area #:</b> CC10014
<b>NFS Inventory Map #:</b> 6213, 6214, 6223, 6224	<b>NTS Map #:</b> 12H/1

**Description of Area:**

This area of crown land is located on the Western boundary of forest management district (FMD) 10. It can be accessed from the TCH (Route 1) North of Badger via Rocky Brook forest access roads. The terrain varies from rugged to rolling.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. Commercial hardwood fuel-wood operations will be a significant portion of this block. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

- Proposed 5 year commercial softwood harvest: 3,900 m<sup>3</sup>
- Proposed 5 year commercial hardwood harvest: 2,200 m<sup>3</sup>
- Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>
- Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 2.4 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Rocky Pond South	<b>Operating Area #:</b> CC10063
<b>NFS Inventory Map #:</b> 6234	<b>NTS Map #:</b> 12H/1

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**Description of Area:**

This area of crown land is located on the Western boundary of forest management district (FMD) 10. It can be accessed from the TCH (Route 1) North of Badger via the North Twin forest access roads. The terrain varies from rugged to rolling.

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**Harvesting Activities:**

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. A small amount of domestic harvesting could occur once commercial harvesting is completed. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 2,500 m<sup>3</sup>  
Proposed 5 year commercial hardwood harvest: 3,500 m<sup>3</sup>  
Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>  
Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. Commercial hardwood fuel-wood operations will be a significant portion of this block. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 0.6 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be a 100m buffer on the Badger Lake cabin road to the south of this block.

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<b>Operating Area Name:</b> Tote Lake,	<b>Operating Area #:</b> CC11001
<b>NFS Inventory Map #:</b> 7621	<b>NTS Map #:</b> 2D/14

**Description of Area:**

This area of crown land is located south of Grand Falls-Windsor within forest management district (FMD) 11. It is accessed from the Bay d’Espoir highway (Route 360) via the Sunday Pond forest access road and is bounded to the west by Tote Brook.

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

- Proposed 5 year commercial softwood harvest: 16,200 m<sup>3</sup>
- Proposed 5 year commercial hardwood harvest: 150 m<sup>3</sup>
- Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>
- Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 4.7 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Lower Chain Lakes	<b>Operating Area #:</b> CC11004
<b>NFS Inventory Map #:</b> 7611	<b>NTS Map #:</b> 2D/14

**Description of Area:**

This area of crown land is located south of Grand Falls-Windsor near the south east end of forest management district (FMD) 11 and is accessed from the Bay d' Espoir highway (Route 360). The operating area is bounded by new pole line in the north, and adjacent to Crow Lake in the east.

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by earlier operations. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest: 3,400 m<sup>3</sup>  
Proposed 5 year commercial hardwood harvest: 300 m<sup>3</sup>  
Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>  
Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 4.4 km  
Reconstruction: 4.3 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Tote Lake South, Canning's Lake	<b>Operating Area #:</b> CC11002, CC11003
<b>NFS Inventory Map #:</b> 7514,7524, 7611,7621	<b>NTS Map #:</b> 2D/13, 2D/14

**Description of Area:**

This area of crown land is located south of Grand Falls-Windsor near the south east end of forest management district (FMD) 11 and is accessed from the Bay d' Esprit highway (Route 360). The operating area is bounded by Haynes Lake in the South. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by earlier operations. It is within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally flat to rolling.

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Block ID	5yr commercial softwood m3	5yr commercial hard wood m3	5yr domestic softwood m3	5yr domestic hardwood m3
cc11002	22,100	900	0	0
cc11003	2,600	100	0	0

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

Block ID	Construction km	Reconstruction km
cc11002	4.4	4.3
cc11003	0	0

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Haynes Lake 1 and Haynes Lake 2	<b>Operating Area #:</b> CC11005, CC11006
<b>NFS Inventory Map #:</b> 7611, 8841, 8831	<b>NTS Map #:</b> 2D/14, 2D/11

**Description of Area:**

This area of crown land is located south of Grand Falls-Windsor near the south east end of forest management district (FMD) 11 and is accessed from the Bay d' Esprit highway (Route 360). The operating area is bounded by Haynes Lake in the North, and adjacent to Rolling Pond in the south. These areas were part of the last forest management plan and contain large cutovers

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by earlier operations. Additionally, commercial hardwood fuel-wood operations will be a significant portion of this block. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Block ID	5yr commercial softwood m3	5yr commercial hard wood m3	5yr domestic softwood m3	5yr domestic hardwood m3
cc11005	37,800	12,300	0	0
cc11006	16,400	3,900	0	0

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

Block ID	Construction km	Reconstruction km
cc11005	19.9	4.3
cc11006	0.4	0

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Rushy Pond	<b>Operating Area #:</b> CC11007
<b>NFS Inventory Map #:</b> 7514, 8744	<b>NTS Map #:</b> 2D/12, 2D/13

**Description of Area:**

This area of crown land is located south of Grand Falls-Windsor near the south east end of forest management district (FMD 11). It is accessed from the Bay d’Espoir highway (Route 360) via the Martin Lake forest access road. The operating area is adjacent to Martin Lake in the south and Great Rattling Brook in the North West.

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by earlier operations. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

- Proposed 5 year commercial softwood harvest: 10,500 m<sup>3</sup>
- Proposed 5 year commercial hardwood harvest: 100 m<sup>3</sup>
- Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>
- Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

- New Construction: 3.2 km
- Reconstruction: 2.1 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Miguel Lake	<b>Operating Area #:</b> CC11008
<b>NFS Inventory Map #:</b> 8733, 8734, 8744	<b>NTS Map #:</b> 2D/12

**Description of Area:**

This area of crown land is located to the west of Miguel Lake near the Southern boundary of forest management district (FMD) 11. It is accessed from the Bay d'Espoir highway (Route 360) via the Miguel Lake forest access road. Stand makeup is predominantly Black Spruce, Balsam Fir and mixed softwood with very little hardwood.

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest: 20,000 m<sup>3</sup>

Proposed 5 year commercial hardwood harvest: 100 m<sup>3</sup>

Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>

Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 0.5 km

Reconstruction: 4.9 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Miguel Lake South	<b>Operating Area #:</b> CC11009
<b>NFS Inventory Map #:</b> 8733, 8734	<b>NTS Map #:</b> 2D/12

**Description of Area:**

This area of crown land is located to the south of Miguel Lake near the Southern boundary of forest management district (FMD) 11. It is accessed from the Bay d’Espoir highway (Route 360) via the Miguel Lake forest access road. Stand makeup is predominantly Black Spruce, Balsam Fir and mixed softwood with very little hardwood.

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest: 54,300 m<sup>3</sup>

Proposed 5 year commercial hardwood harvest: 200 m<sup>3</sup>

Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>

Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 17.1 km

Reconstruction: 0.6 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Great Rattling	<b>Operating Area #:</b> CC11010
<b>NFS Inventory Map #:</b> 8723, 8733	<b>NTS Map #:</b> 2D/12

**Description of Area:**

This area of crown land is located near the Southern boundary of forest management district (FMD) 11. It is accessed from the Bay d’Espoir highway (Route 360) via the Miguel Lake forest access road and bound to the north east by Great Rattling Brook. The terrain is generally rolling with strings of bog and stands dominated by Black Spruce and Balsam Fir.

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by earlier operations. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

- Proposed 5 year commercial softwood harvest: 19,400 m<sup>3</sup>
- Proposed 5 year commercial hardwood harvest: 100 m<sup>3</sup>
- Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>
- Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 0.9 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Paradise Lake South	<b>Operating Area #:</b> CC11011
<b>NFS Inventory Map #:</b> 8743	<b>NTS Map #:</b> 2D/12

**Description of Area:**

This area of crown land is located south of Grand Falls-Windsor within forest management district (FMD) 11. It is accessed from the town of Grand Falls-Windsor via the Paradise Lake forest access road. The operating area is boarded on the south east by great rattling brook and Paradise lake to the north.

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by earlier operations. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

- Proposed 5 year commercial softwood harvest: 4,000 m<sup>3</sup>
- Proposed 5 year commercial hardwood harvest: 100 m<sup>3</sup>
- Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>
- Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 2.0 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Sepepet	<b>Operating Area #:</b> CC11014
<b>NFS Inventory Map #:</b> 8731, 8732	<b>NTS Map #:</b> 2D/12

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**Description of Area:**

This area of crown land is located near the southern end of forest management district (FMD) 11. It is accessed from the town of Grand Falls-Windsor via the Chipper and Sepepet forest access roads. Block contains of a large amount of age class 3 timber that has to be assessed for harvesting potential.

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use

Proposed 5 year commercial softwood harvest: 34,500 m<sup>3</sup>  
Proposed 5 year commercial hardwood harvest: 50 m<sup>3</sup>  
Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>  
Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 1.3 km  
Reconstruction: 6.2 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Frenchman's Brook	<b>Operating Area #:</b> CC11015
<b>NFS Inventory Map #:</b> 7531, 7532	<b>NTS Map #:</b> 2D/13

**Description of Area:**

This area of crown land is located in the north portion of forest management district (FMD) 11. It is accessed from the town of Grand Falls-Windsor via the Sandy forest access roads. The area is bound to the east by Sandy Brook and to the north by Sandy road. The area contains 32 ha of PCT from the mid 1990's and is split through the middle by an existing pole line.

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Commercial hardwood fuel-wood operations will be a significant portion of this block. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest: 4,500 m<sup>3</sup>  
Proposed 5 year commercial hardwood harvest: 1,700 m<sup>3</sup>  
Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>  
Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 0.5 km  
Reconstruction: 4.8 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Tom Joes Brook	<b>Operating Area #:</b> CC11016
<b>NFS Inventory Map #:</b> 7531, 7532, 7541	<b>NTS Map #:</b> 2D/13

**Description of Area:**

This area of crown land is located in the central portion of forest management district (FMD). It is accessed from the town of Grand Falls-Windsor via the Sandy access roads. The area is adjacent to Tom Joe Brook on the west and bordered by Sandy road to the north. This operating area contains a large amount of PCT from the late 1980's (167 ha)

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Commercial hardwood fuel-wood operations will be a significant portion of this block. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest: 19,800 m<sup>3</sup>  
Proposed 5 year commercial hardwood harvest: 3,500 m<sup>3</sup>  
Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>  
Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 2.9 km  
Reconstruction: 12.6 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> West Lake and Leonard's Lake	<b>Operating Area #:</b> CC11017 , CC11019
<b>NFS Inventory Map #:</b> 7414, 7424, 7521, 7531	<b>NTS Map #:</b> 12A/16, 2D/13

**Description of Area:**

This area of crown land is located in the central portion of forest management district (FMD). It is accessed from the town of Grand Falls-Windsor via the Sandy and Lynx's Pond forest access roads. The area is bound to the southeast by Leonard's Brook and adjacent to West Lake in the east. The terrain is generally rolling with large White Birch and Mixed wood stands with 82 ha of PCT. Block also contains of a large amount of age class 3 timber that has to be assessed for harvesting potential.

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Commercial hardwood fuel-wood operations will be a significant portion of this block. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Block ID	5yr commercial softwood m3	5yr commercial hard wood m3	5yr domestic softwood m3	5yr domestic hardwood m3
cc11017	31,300	12,500	0	0
cc11019	77,200	23,200	0	0

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

Block ID	Construction km	Reconstruction km
cc11017	6.7	10.0
cc11019	6.9	10.1

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> West Lake South	<b>Operating Area #:</b> CC11018
<b>NFS Inventory Map #:</b> 7521, 7522, 7531	<b>NTS Map #:</b> 02D/13

**Description of Area:**

This area of crown land is located in the north central portion of forest management district (FMD) 11. It is accessed from the town of Grand Falls-Windsor via the Sandy and Frenchman’s forest access roads. The area is bound to the south by Sandy Brook and to the West by West Lake.

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Commercial hardwood fuel-wood operations will be a significant portion of this block. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

- Proposed 5 year commercial softwood harvest: 29,800 m<sup>3</sup>
- Proposed 5 year commercial hardwood harvest: 6,200 m<sup>3</sup>
- Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>
- Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

- New Construction: 17.8 km
- Reconstruction: 2.7 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Coronation Lake	<b>Operating Area #:</b> CC11020
<b>NFS Inventory Map #:</b> 7414, 7511	<b>NTS Map #:</b> 12A/16, 2D/13

**Description of Area:**

This area of crown land is located in the North West portion of forest management district (FMD) 11. It is accessed from the town of Grand Falls-Windsor via the Sandy and Lynx's Pond forest access roads. The area is bound to the north by Leonards Lake. This operating area is generally rolling too hilly with strings of bog. Stands are comprised mainly of black spruce and balsam fir with 76 ha of mid 1980's PCT

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest: 48,900 m<sup>3</sup>  
Proposed 5 year commercial hardwood harvest: 300 m<sup>3</sup>  
Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>  
Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 18.7 km  
Reconstruction: 4.6 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Sandy Brook	<b>Operating Area #:</b> CC11021
<b>NFS Inventory Map #:</b> 7414, 7511, 8644, 8741	<b>NTS Map #:</b> 12A/9,12A/16, 2D/13, 2D/12

**Description of Area:**

This area of crown land is located in the Central West portion of forest management district (FMD) 11. It is accessed from the town of Grand Falls-Windsor via the Sandy and Lynx's Pond forest access roads. The area is bound to the south by Sandy Brook. Stands in the area comprise mainly of Black Spruce and Balsam Fir separated by strings of bog.

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest: 57,300 m<sup>3</sup>

Proposed 5 year commercial hardwood harvest: 100 m<sup>3</sup>

Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>

Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 17.8 km

Reconstruction: 9.9 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Patchy Valley	<b>Operating Area #:</b> CC11022
<b>NFS Inventory Map #:</b> 7414, 7511, 8644, 8741	<b>NTS Map #:</b> 12A/9,12A/16, 2D/13, 2D/12

**Description of Area:**

This area of crown land is located in the North West portion of forest management district (FMD) 11. It is accessed from the town of Grand Falls-Windsor via the Chipper forest access roads. The area is bound to the North by Sandy Brook. Stands in the area comprise mainly of Black Spruce and Balsam Fir separated by strings of bog.

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by earlier operations. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest: 34,100 m<sup>3</sup>  
Proposed 5 year commercial hardwood harvest: 100 m<sup>3</sup>  
Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>  
Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 4.8 km  
Reconstruction: 8.8 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Cripple Back, Mill Pond	<b>Operating Area #:</b> CC11023, CC11024
<b>NFS Inventory Map #:</b> 7413, 7414, 8643,8644	<b>NTS Map #:</b> 12A/9, 12A/16

**Description of Area:**

This area of crown land is located adjacent to Noel Paul Brook on the western boundary of forest management district (FMD) 11. It is accessed from the town of Grand Falls-Windsor via the Sandy Lake forest access road. Cripple Back and Mill Pond are adjacent commercial areas with 696 ha of pre commercially thinned from 1983-1987. Block also contains of a large amount of age class 3 timber that has to be assessed for harvesting potential.

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Block ID	5yr commercial softwood m3	5yr commercial hard wood m3	5yr domestic softwood m3	5yr domestic hardwood m3
cc11023	94,600	50	0	0
cc11024	39,600	50	0	0

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

Block ID	Construction km	Reconstruction km
cc11023	8.9	16.8
cc11024	4.4	8.3

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Noel Paul East	<b>Operating Area #:</b> CC11025
<b>NFS Inventory Map #:</b> 7412, 7413	<b>NTS Map #:</b> 12A/16

**Description of Area:**

This area of crown land are located in the western boundary of forest management district (FMD) 11. It is bound to the west by Noel Paul River and accessed from the town of Grand Falls-Windsor via the Sandy Lake forest access road. Block contains a large amount of age class 3 timber that has to be assessed for harvesting potential.

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest: 33,900 m<sup>3</sup>  
Proposed 5 year commercial hardwood harvest: 1,900 m<sup>3</sup>  
Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>  
Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 5.2 km  
Reconstruction: 6.7 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Little Rattling	<b>Operating Area #:</b> CC11026
<b>NFS Inventory Map #:</b> 7523, 7524	<b>NTS Map #:</b> 2D/13

**Description of Area:**

These areas of crown land are located south of Grand Falls-Windsor within forest management district (FMD) 11. It is accessed from the town of Grand Falls-Windsor via the Paradise Lake forest access road and bound to the west by little rattling brook. The area consists primarily of Black spruce stands separated by strings of bog

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by earlier operations. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest: 12,400 m<sup>3</sup>

Proposed 5 year commercial hardwood harvest: 50 m<sup>3</sup>

Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>

Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 5.4 km

Reconstruction: 1.6 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Lemottes East	<b>Operating Area #:</b> CC11027
<b>NFS Inventory Map #:</b> 7533	<b>NTS Map #:</b> 2D/13

**Description of Area:**

This area of crown land is located in the north central portion of forest management district (FMD) 11. It is accessed from the town of Grand Falls-Windsor via the Sandy forest access roads. The area is bound to the north by the new Nalcor pole line and to the west by Lemottes Lake. The terrain is generally rolling too flat. Block contains 16 ha of PCT from late 1980's.

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest: 4,300 m<sup>3</sup>

Proposed 5 year commercial hardwood harvest: 150 m<sup>3</sup>

Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>

Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

New Construction: 0.8 km

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name:</b> Norris Arm	<b>Operating Area #:</b> CC11028
<b>NFS Inventory Map #:</b> 6412, 6422	<b>NTS Map #:</b> 2E/3

**Description of Area:**

This area of crown land is located on the north east boundary of forest management district (FMD) 11. It is adjacent to the town of Norris Arm and bound to the south by the TCH. Stand in this area comprise mainly of mature Black Spruce and Balsam Fir along with pure Hardwood stand. This Area is a carryover from the current five year management plan.

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**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Additionally, commercial hardwood fuel-wood operations will be a significant portion of this block. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest: 11,800 m<sup>3</sup>

Proposed 5 year commercial hardwood harvest: 3,200 m<sup>3</sup>

Proposed 5 year domestic softwood harvest: 0 m<sup>3</sup>

Proposed 5 year domestic hardwood harvest: 0 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

None

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**Non Timber Considerations and Mitigations:**

A 30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

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<b>Operating Area Name</b>	Millertown Junction	<b>Operating Area #</b>	C-12001
<b>NFS Inventory Map #:</b>	7432/33/42/43	<b>NTS Map #:</b>	12A/16

**Description of Area:**

Millertown Junction Road operating area is located approximately 18 kms southwest of Badger and is accessed using Millertown Junction Road. The operating area is predominantly forested with black spruce with a minor component of balsam fir, white birch, eastern larch and white pine. The operating area is characterized by continuous forest with marshland interspersed throughout. Area also includes 70 ha of PCT from 1991

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>34,000</b>
Proposed 5 year commercial hardwood harvest:	<b>1,100m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>na</b>
Proposed 5 year domestic hardwood harvest:	<b>na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 5.8 km*

*Reconstruction: 3.1 km*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

<b>Operating Area Name</b>	Moosehead	<b>Operating Area #</b>	C-12002
<b>NFS Inventory Map #:</b>	7422	<b>NTS Map #:</b>	12A/16

**Description of Area:**

Moosehead operating area is located 8 kms southeast of Buchans Jct. and is bounded to the south by the Buchans Highway. The area is accessed by the Buchans Highway and Purchase forest access road. The operating area is characterized mostly by forest land. Area also includes 190 ha of PCT from the mid 1980's

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters or using chainsaws and removed using forwarders. Subsequent to commercial harvest Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>18,000m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>800m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>Na</b>
Proposed 5 year domestic hardwood harvest:	<b>Na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 4.3 km*

*Reconstruction: 3.4 km*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

<b>Operating Area Name</b>	Red Indian Lake	<b>Operating Area #</b>	C-12003
<b>NFS Inventory Map #:</b>	8543/44/7313/14	<b>NTS Map #:</b>	12A/10, 12A/15

**Description of Area:**

The Red Indian Lake operating is approximately 15kms southwest of the community of Millertown and is bounded on the east by Duck Pond Road and Red Indian Lake to the North. The operating area is predominantly forested with white birch and black spruce with a minor component of trembling aspen and balsam fir.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Additionally, commercial hardwood fuel-wood operations will be a significant portion of this block. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>10,300m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>8,300m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>na</b>
Proposed 5 year domestic hardwood harvest:	<b>na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 5.2 km*

*Reconstruction: 3.1 km*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

<b>Operating Area Name</b>	Victoria River West	<b>Operating Area #</b>	C-12004
<b>NFS Inventory Map #:</b>	7312/13/8542/43	<b>NTS Map #:</b>	12A/10, 12A/15

**Description of Area:**

This operating area is approximately 12 kms southwest of Millertown and is accessed from the road along the eastern side of Red Indian Lake. The operating area is predominantly forested with black spruce with a component of white birch and other hardwoods.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Additionally, commercial hardwood fuel-wood operations will be a significant portion of this block. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>37,500m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>9,000m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>na</b>
Proposed 5 year domestic hardwood harvest:	<b>na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 15.6 km*

*Reconstruction: 6.0 km*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps

<b>Operating Area Name</b>	Sutherland Pond	<b>Operating Area #</b>	C-12005
<b>NFS Inventory Map #:</b>	8531/32/41/42	<b>NTS Map #:</b>	12A/10

**Description of Area:**

This operating area is approximately 18 kms southwest of Millertown and is accessed from the road along the eastern side of Red Indian Lake. The operating area is predominantly forested with black spruce with a small component of white birch and other hardwoods.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by earlier operations. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>72,500m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>3,000m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>na</b>
Proposed 5 year domestic hardwood harvest:	<b>na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 13.5 km*

*Reconstruction: 5.0 km*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps

<b>Operating Area Name</b>	Bobby's Pond	<b>Operating Area #</b>	C-12006
<b>NFS Inventory Map #:</b>	8531/32	<b>NTS Map #:</b>	12A/10

**Description of Area:**

This operating area is approximately 27 kms southwest of Millertown and is accessed from the road along the eastern side of Red Indian Lake. The operating area is predominantly forested with black spruce with a minor component of balsam fir, white birch, eastern larch and white pine. The operating area is characterized by continuous forest.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by earlier operations. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>38,700m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>400m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>na</b>
Proposed 5 year domestic hardwood harvest:	<b>na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 3.30 km*

*Reconstruction:*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

<b>Operating Area Name</b>	Dennys Pond North	<b>Operating Area #</b>	C-12007
<b>NFS Inventory Map #:</b>	8522/23/32/33	<b>NTS Map #:</b>	12A/10

**Description of Area:**

Dennys Pond North operating area is approximately 22 kms southwest of the community of Millertown. It is accessed from the Granite Lake Access road. The area is bounded to the west by Victoria River and Denny’s Pond to the south. The area contains large mixed wood stands and pure white birch stands.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Commercial hardwood fuel-wood operations will be a significant portion of this block. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>29,700m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>25,700m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>Na</b>
Proposed 5 year domestic hardwood harvest:	<b>Na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 4.5 km*

*Reconstruction:*

**Non Timber Considerations and Mitigations:**

Five hundred meter managed buffer on Victoria River with a 30 m buffer maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

<b>Operating Area Name</b>	Denny's Pond	<b>Operating Area #</b>	C-12008
<b>NFS Inventory Map #:</b>	8512/22/23	<b>NTS Map #:</b>	12A/10

**Description of Area:**

Denny's Pond operating area is located approximately 27 kms southwest of Millertown. Throughout this operating area are large bogs and the area is bounded by Burnt Pond to the southeast. The area contains large cutovers from the previous forest management plan with remaining stands of spruce, some mixed wood stands and pure white birch stands.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by earlier operations. Additionally, commercial hardwood fuel-wood operations will be a significant portion of this block. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>16,900m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>10,400m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>Na</b>
Proposed 5 year domestic hardwood harvest:	<b>Na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 2.91 km*

*Reconstruction:*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.



<b>Operating Area Name</b>	Victoria River South	<b>Operating Area #</b>	C-12009
<b>NFS Inventory Map #:</b>	8511/12/22/9842	<b>NTS Map #:</b>	12A/7, 12A/10

**Description of Area:**

Victoria River South operating area is located approximately 27 kms southwest of Millertown. Throughout this operating area are large hardwood and mixed wood stands. The area also contains 569 ha of PCT from the early 1990's. The area is bounded by Victoria River to the east and Kelly's Pond to the east. The area contains large cutovers from the previous forest management plan with remaining stands of spruce, some mixed wood stands and pure white birch stands.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Commercial hardwood fuel-wood operations will be a significant portion of this block. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>190,000m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>31,700m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>Na</b>
Proposed 5 year domestic hardwood harvest:	<b>Na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 25.1 km*

*Reconstruction: 7.3 Km*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

<b>Operating Area Name</b>	Lost Pond	<b>Operating Area #</b>	C-12010
<b>NFS Inventory Map #:</b>	8513/23	<b>NTS Map #:</b>	12A/10

**Description of Area:**

Lost Pond is located approximately 27 kms southwest of Millertown. The operating area is accessed using the Granite Lake Road in the Lake Ambrose area and split by the Quinn Lake access road. The operating area is predominantly forested with black spruce and balsam fir stands in the north with large cutovers through the middle and south section.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by earlier operations. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>111,400m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>1,500m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>na</b>
Proposed 5 year domestic hardwood harvest:	<b>na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 9.3 km*

*Reconstruction: 3.4 km*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

<b>Operating Area Name</b>	Red Cross	<b>Operating Area #</b>	C-12011
<b>NFS Inventory Map #:</b>	9734/44/9831/41	<b>NTS Map #:</b>	12A/6, 12A/7

**Description of Area:**

Red Cross operating area is located approximately 49 kms southwest of Millertown. This operating is comprised of mature black spruce and fir with 870 ha of PCT from the mid to late 1980's. The area is bounded by Victoria River to the west and Quinn Lake to the North.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>149,900m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>500m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>Na</b>
Proposed 5 year domestic hardwood harvest:	<b>Na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 11.5 km*

*Reconstruction: 27.3 km*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

<b>Operating Area Name</b>	Exploits	<b>Operating Area #</b>	C-12012
<b>NFS Inventory Map #:</b>	7411	<b>NTS Map #:</b>	12A/16

**Description of Area:**

Exploits operating area is approximately eight kilometers east of the Community of Millertown. The area is bounded on the north by Exploits River and to the east by an unnamed brook. This area is comprised of both young and mature timber with black spruce, balsam fir as well and mixed stands. Additional there are 50 ha of PCT ranging in treatment year from the early 1980's to mid 1990's

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters/chainsaws and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>36,000m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>1,600m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>na</b>
Proposed 5 year domestic hardwood harvest:	<b>na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 10.0 km*

*Reconstruction: 5.4 km*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

<b>Operating Area Name</b>	Harpoon North	<b>Operating Area #</b>	C-12013
<b>NFS Inventory Map #:</b>	8544/8641/7314/7411	<b>NTS Map #:</b>	12A/9/10/15/16

**Description of Area:**

Harpoon North operating area is approximately six kilometers south of the Community of Millertown. The area is bounded on the west by Harpoon Brook and to the north by the Exploits River. This area has been extensively harvested and is comprised of both young and mature timber. The area contains a large amount of pure white birch stands along with mixed hardwood soft stands.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters/chainsaws and removed using forwarders. Commercial hardwood fuel-wood operations will be a significant portion of this block. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>3,300m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>23,600m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>na</b>
Proposed 5 year domestic hardwood harvest:	<b>na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 3.5 km*

*Reconstruction: 3.0 km*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

<b>Operating Area Name</b>	Harpoon South	<b>Operating Area #</b>	C-12014
<b>NFS Inventory Map #:</b>	8534/44,8631/41	<b>NTS Map #:</b>	12A/9, 12A/10

**Description of Area:**

Harpoon South operating area is approximately twelve kilometers south of the Community of Millertown. The area is bounded on the west by Harpoon Brook and to the north by the Exploits River. This area has been extensively harvested and is comprised of both young and mature timber. The area contains a large amount of pure white birch stands along with mixed hardwood soft stands.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters/chainsaws and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>57,000m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>4,400m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>na</b>
Proposed 5 year domestic hardwood harvest:	<b>na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 7.1 km*

*Reconstruction: 3.4 km*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

<b>Operating Area Name</b>	Selby's Pond	<b>Operating Area #</b>	C-12015
<b>NFS Inventory Map #:</b>	8534/44	<b>NTS Map #:</b>	12A/10

**Description of Area:**

This operating area is approximately thirteen kilometers south of the Community of Millertown. The area is bounded on the East by Granite Lake access road and to the South by Selby's Pond. This area is comprised of both young and mature timber with black spruce, balsam fir as well and mixed stands. Additional there are 230 ha of PCT treatment in the early 1980's

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters/chainsaws and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>48,600m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>4,500m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>na</b>
Proposed 5 year domestic hardwood harvest:	<b>na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 12.5 km*

*Reconstruction: 6.4m*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

<b>Operating Area Name</b>	Duck Pond Road East	<b>Operating Area #</b>	C-12016
<b>NFS Inventory Map #:</b>	8534,8631	<b>NTS Map #:</b>	12A/10,12A/9

**Description of Area:**

Duck Pond Road East operating area is located approximately sixteen kilometers southeast of Millertown. The forest is comprised primarily of black spruce and smaller amounts of balsam fir stands. The balsam fir and black spruce stands are mainly 1985 PCT with some none treated stands. This operating area is north of the former Duck Pond mine and is bounded on the west by Duck Pond road.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>30,500m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>50m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>na</b>
Proposed 5 year domestic hardwood harvest:	<b>na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 0.6 km*

*Reconstruction:*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps



<b>Operating Area Name</b>	Duck Pond Road West	<b>Operating Area #</b>	C-12017
<b>NFS Inventory Map #:</b>	8534	<b>NTS Map #:</b>	12A/10

**Description of Area:**

Duck Pond Road West operating area is located approximately sixteen kilometers south east of Millertown. The forest is comprised primarily of black spruce and smaller amounts of balsam fir stands. This operating area is west of the former Duck Pond mine and is bounded on the west by Harpoon Brook and to the east by Gill's Valley road.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>12,800m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>50m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>Na</b>
Proposed 5 year domestic hardwood harvest:	<b>Na</b>

**Silviculture Activities**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction:*

*Reconstruction:*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps

<b>Operating Area Name</b>	Gill's Valley East	<b>Operating Area #</b>	C-12018
<b>NFS Inventory Map #:</b>	8524,8621/31	<b>NTS Map #:</b>	12A/10, 12A/9

**Description of Area:**

Gill's Valley East operating is located approximately 26 kilometers southeast of Millertown.. The forest is comprised primarily of black spruce and balsam fir stands. The balsam fir stands are generally second growth forest. This operating area is south of the former Duck Pond mine site.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>100,200m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>200m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>na</b>
Proposed 5 year domestic hardwood harvest:	<b>na</b>

**Silviculture Activities**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 19.2 km*

*Reconstruction:*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps

<b>Operating Area Name</b>	Lake Ambrose	<b>Operating Area #</b>	C-12019
<b>NFS Inventory Map #:</b>	8513/14/23/24	<b>NTS Map #:</b>	12A/10

**Description of Area:**

Lake Ambrose operating area is located approximately 27 kilometers south east of Millertown. The forest is comprised primarily of black spruce and balsam fir stands. This operating area is bounded on the east by Granite Lake road and the North by Gill's Valley access road. The area also contains 25 ha of PCT from the late 1990's.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>131,000m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>100m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>na</b>
Proposed 5 year domestic hardwood harvest:	<b>na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 16.5 km*

*Reconstruction: 8.5 km*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps

<b>Operating Area Name</b>	Haven Steady	<b>Operating Area #</b>	C-12020
<b>NFS Inventory Map #:</b>	8514	<b>NTS Map #:</b>	12A/10

**Description of Area:**

Haven Steady operating area is approximately thirty kilometers south of the Community of Millertown. The area is bounded on the north by Noel Paul Brook and to the east by the Meelparg Lake access road. This operating is comprised of mature black spruce and fir stand along with mixed hardwood stands.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters/chainsaws and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>43,700m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>500m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>na</b>
Proposed 5 year domestic hardwood harvest:	<b>na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 5.2 km*

*Reconstruction:*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

<b>Operating Area Name</b>	Noel Paul	<b>Operating Area #</b>	C-12021
<b>NFS Inventory Map #:</b>	8622/32	<b>NTS Map #:</b>	12A/9

**Description of Area:**

Noel Paul South is located approximately 60 kms southwest of Grand Falls-Windsor. The operating area is accessed using the Chipper access road leaving from Grand Falls. The operating is bounded on the north by Noel Paul Brook. The operating area is predominantly forested with black spruce and balsam fir stands and a minor component of white birch, eastern larch and white pine scattered throughout the area.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by earlier operations. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>41,100m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>1,200m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>na</b>
Proposed 5 year domestic hardwood harvest:	<b>na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 4.6 km*

*Reconstruction:*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps

<b>Operating Area Name</b>	Island Pond	<b>Operating Area #</b>	C-12022
<b>NFS Inventory Map #:</b>	8533/43	<b>NTS Map #:</b>	12A/10

**Description of Area:**

Island Pond operating area is approximately 21 kms southwest of the community of Millertown. It is accessed from the Granite Lake Access road. The area is bounded to the west by Victoria River and Granite Lake Access Road to the east. The area contains large clear cuts from the previous forest management plan with remaining stands of spruce, some mixed wood stands and pure white birch stands.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. . Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by earlier operations. Additionally, commercial hardwood fuel-wood operations will be a significant portion of this block. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>9,800m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>3,900m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>Na</b>
Proposed 5 year domestic hardwood harvest:	<b>Na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 2.0 km*

*Reconstruction:*

**Non Timber Considerations and Mitigations:**

Five hundred meter managed buffer on Victoria River with a 30 m buffer maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

<b>Operating Area Name</b>	Little Red Indian	<b>Operating Area #</b>	C-12023
<b>NFS Inventory Map #:</b>	7433	<b>NTS Map #:</b>	12A/16

**Description of Area:**

Little Red Indian operating area is located approximately 15 kms southwest of Badger and is accessed using Millertown Junction Road. The operating area is predominantly forested with black spruce with a minor component of balsam fir, white birch, eastern larch and white pine. The operating area is characterized by mature forest with immature forest adjacent.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>13,400m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>200m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>na</b>
Proposed 5 year domestic hardwood harvest:	<b>na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 3.6 km*

*Reconstruction:*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

<b>Operating Area Name</b>	Carter Lake	<b>Operating Area #</b>	C-12024
<b>NFS Inventory Map #:</b>	8621/22	<b>NTS Map #:</b>	12A/9

**Description of Area:**

**Description of Area:**

Carter Lake is located approximately 65 kms southwest of Grand Falls/Windsor. The operating area is accessed using the Chipper access road leaving from Grand Falls. The operating area is bounded on the North by Noel Paul Brook and Carter Lake to the east. The operating area is predominantly forested with black spruce and balsam fir stands and a minor component of white birch, eastern larch and white pine scattered throughout the area.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by earlier operations. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>42,400m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>2,800m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>na</b>
Proposed 5 year domestic hardwood harvest:	<b>na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: 0km*

*Reconstruction:*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps



<b>Operating Area Name:</b> Hospital Pond	<b>Operating Area #:</b> C13001
<b>NFS Inventory Map #:</b> 9821, 9822, 9831, 9832, 9842	<b>NTS Map #:</b> 12A/7

**Description of Area:**

This area of crown land is located along the eastern boundary of District 13 bordering Wilding Lake to the east and Hospital Pond in the South. The terrain in this area is generally undulating and consistent with terrain south of Red Indian Lake and east of Buchans. The area is located within the Red Indian Sub-region of the Central NL Forest Eco-region.

A description of this operating area can best be interpreted from:

- (1) Hospital Pond Operating Map for details regarding geographic location, access roads, water systems, buffers, reserves and other physical features.
- (2) The above indicated maps: NFS Inventory Map & NTS Map.

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**Harvesting Activities:**

Harvesting in this area will be conducted using conventional harvesting equipment i.e., mechanical harvester and forwarded to roadside with a rubber-tired forwarder/porter. Timber may also be felled with men using chainsaws and forwarded to roadside using a skidder.

Proposed 5 year commercial softwood harvest: 88,805 m<sup>3</sup>

Proposed 5 year commercial hardwood volume: 6,545 m<sup>3</sup>

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**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands.

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**Primary Forest Access Road Construction:**

12.0 kilometers of new forest access road is proposed during this planning period.

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**Non Timber Considerations and Mitigations:**

A minimum 30 meter buffer will be maintained on streams and water bodies as indicated on the operating map.

Proposed harvest activities in this area stimulated discussion and concern around the current decline in caribou population and the loss of caribou habitat. As a result there was intensive collaboration with the Department of Environment and Conservation (the officials responsible for big game management in the Province) and boundaries have been modified to exclude areas considered to be core caribou habitat.

Environmental protection guidelines as well as regulations governing commercial forest activities will be followed.

<b>Operating Area Name</b>	Red Indian Lake	<b>Operating Area #</b>	C-13002
<b>NFS Inventory Map #:</b>	M08413, M08414	<b>NTS Map #:</b>	12A/11

**Description of Area:**

This operating area is approximately 50 kms southwest of Millertown and is accessed from the road along the eastern side of Red Indian Lake. The operating area is predominantly forested with black spruce / balsam fir, white birch. This block contains 438 ha of PCT that will need to be assessed for harvesting potential.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by earlier operations. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>21,100m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>5,500m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>na</b>
Proposed 5 year domestic hardwood harvest:	<b>na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: km*

*Reconstruction:*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

<b>Operating Area Name</b>	Red Cross East	<b>Operating Area #</b>	C-13003
<b>NFS Inventory Map #:</b>	M09832, M09331	<b>NTS Map #:</b>	12A/7

**Description of Area:**

Red Cross operating area is located approximately 49 kms southwest of Millertown. The operating area is predominantly forested with black spruce / balsam fir. This block contains 438 ha of PCT that will need to be assessed for harvesting potential.

**Harvesting Activities:**

Timber will be harvested commercially using mechanical harvesters and removed using forwarders. Subsequent to commercial harvest, Domestic Cutting permit holders will be allowed to remove residual timber from cutovers for personal use.

Proposed 5 year commercial softwood harvest:	<b>58,400m<sup>3</sup></b>
Proposed 5 year commercial hardwood harvest:	<b>100m<sup>3</sup></b>
Proposed 5 year domestic softwood harvest:	<b>Na</b>
Proposed 5 year domestic hardwood harvest:	<b>Na</b>

**Silviculture Activities:**

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting and/or thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for site preparation and planting and/or gap planting and suitable regenerating stands will be candidates for thinning. All potential silviculture areas are identified on the operating area maps as proposed harvest areas, recent cuts and immature stands

**Primary Forest Access Road Construction:**

*New Construction: km*

*Reconstruction: km*

**Non Timber Considerations and Mitigations:**

30 m buffer will be maintained on both sides of any rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.