

Operating Area Name: Northern Arm Brook	Operating Area #: CC10047
NFS Inventory Map #: 6421, 6431	NTS Map #: 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. The terrain varies from rugged to rolling. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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: 9,300 m³

Proposed 5 year commercial hardwood harvest: 50 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

There will be no primary roads built but existing roads will be upgraded.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. This area contains a registered snowmobile trail. Consultation with NLSF will occur and if necessary, a 30 m buffer will be maintained. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Long Pond	Operating Area #: CC10048
NFS Inventory Map #: 6244, 6234	NTS Map #: 12H/1

Description of Area:

This area of crown land is located on the Western boundary of forest management district (FMD) 10. It is accessed from the TCH (Route 1) East of Badger through the North Twin resource road. The terrain varies from rugged to rolling and this operating area is comprised mainly of age class 5 forest stands. Long Pond is located in the North Central Sub region of the Central Newfoundland Forest Ecoregion.

Harvesting Activities:

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder. This area was included as a small portion of spring wood that is located close to the North Twin access road.

Proposed 5 year commercial softwood harvest: 2,800 m³

Proposed 5 year commercial hardwood harvest: 50 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

Silviculture Activities:

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for planting. 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.

Primary Forest Access Road Construction:

There will be approximately 1 km of new primary road construction, and 2 km of existing road upgrade to facilitate harvesting in this commercial block.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. In addition, no harvesting will take place during the caribou calving season within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation.

Operating Area Name: Askel Lake West	Operating Area #: CC10050
NFS Inventory Map #: 5411, 5314, 5421, 5324	NTS Map #: 2E5, 2E6

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 Grovers Harbour via Southern Lake Forest Access road. The terrain varies from rugged to rolling hills to steep valleys. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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: 9900 m³

Proposed 5 year commercial hardwood harvest: 200 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

Silviculture Activities:

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for site preparation / 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.

Primary Forest Access Road Construction:

There will be approximately 1.85 km of new primary road will be constructed that will require 1 water course crossing (bridge).

Non Timber Considerations and Mitigations:

A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Trout Lake West	Operating Area #: CC10051
NFS Inventory Map #: 5314,5324	NTS Map #: 2E5

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 Grovers Harbour via Southern Lake Forest Access road. The terrain varies from rugged to rolling hills to steep valleys. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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: 9,400 m³

Proposed 5 year commercial hardwood harvest: 200 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

There will be approximately 3 km of primary access road extended from Spider Pond forest access road that will require 1 proposed stream crossing.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Long Pond West 1	Operating Area #: CC10052
NFS Inventory Map #: 5314, 5324	NTS Map #: 2E5

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. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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. Long Pond West 1 has been actively harvested during the summer months throughout the last 5 year plan. This commercial block includes an exchange area which is managed out of FMD 08.

Proposed 5 year commercial softwood harvest: 17800 m³

Proposed 5 year commercial hardwood harvest: 4000 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

Silviculture Activities:

Reconnaissance surveys will be carried out on existing and new cutovers and regenerating stands to determine the need for reforestation. 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.

Primary Forest Access Road Construction:

There will be no new primary access road constructed; however road upgrade and maintenance will be required as necessary.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Long Pond West	Operating Area #: CC10053
NFS Inventory Map #: 5314, 5324	NTS Map #: 2E5

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. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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. This commercial area also provides access to Seabright Pond cc10067.

Proposed 5 year commercial softwood harvest: 29,300 m³

Proposed 5 year commercial hardwood harvest: 500 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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.

Primary Forest Access Road Construction:

There will be no new primary access road constructed; however road upgrade and maintenance will be required as necessary.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. In addition, 30% of the forest cover will be maintained within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation.

Operating Area Name: Seal Bay River East	Operating Area #: CC10054
NFS Inventory Map #: 5313, 5314, 5323, 5324	NTS Map #: 2E5

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. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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: 17,400 m³

Proposed 5 year commercial hardwood harvest: 500 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

There will be approximately 700 meters of primary road constructed from southern lake access road.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. In addition, 30% of the forest cover will be maintained within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation.

Operating Area Name: Crooked Bog	Operating Area #: CC10055
NFS Inventory Map #: 6234	NTS Map #: 12H/1

Description of Area:

This area of crown land is located on the Western boundary of forest management district (FMD) 10. It is accessible from the west side of TCH (Route 1) North of Badger. The terrain varies from rugged to rolling. Large portions of the operating area consists of old cutovers and silviculturally treated areas. The area is being proposed to salvage timber remaining from prior logging operations. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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: 3,00 m³

Proposed 5 year commercial hardwood harvest: 50 m³

Proposed 5 year domestic softwood harvest: 300 m³

Proposed 5 year domestic hardwood harvest: 50 m³

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:

None

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of TCH.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Permits from Service NL and adherence to the Protected Roads Zoning Regulations – Rural Conservation Zone will be addressed during the creation of AOPs

Operating Area Name: Otter Pond	Operating Area #: CC10056
NFS Inventory Map #: 6214, 6224, 6321	NTS Map #: 12H/1, 2E/14

Description of Area:

This area of crown land is located near the Western boundary of forest management district (FMD) 10. It is accessed from the east side of the TCH (Route 1) North of Badger via the Rocky Brook forest access road. The terrain varies from rugged to rolling terrain. Large portions of the area consist of old cutovers and silviculture treated areas. Large portions of the area consists of old cutovers that have been silviculturally treated. The area is being proposed to salvage timber remaining from prior logging operations. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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: 41,000 m³

Proposed 5 year commercial hardwood harvest: 2,500 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

There will be approximately 11 km of existing road upgraded.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and harvesting will remain on the east side of the cottage access road. There will be a 20 meter buffer put on registered legal cabins.

No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

No harvesting will take place during the caribou calving season within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation. In addition, 30% of the forest cover will be maintained within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation.

Operating Area Name: Moose Pond	Operating Area #: CC10058
NFS Inventory Map #: 6224, 6321	NTS Map #: 12H/1, 2E/4

Description of Area:

This area of crown land is located near the Western boundary of forest management district (FMD) 10. It is accessed from the east side of the TCH (Route 1) North of Badger via the Rocky Brook forest access road. The terrain varies from rugged to rolling terrain. Large portions of the area consist of old cutovers and silviculture treated areas. Large portions of the area consists of old cutovers that have been silviculturally treated. The area is being proposed to salvage timber remaining from prior logging operations. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion

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: 13,600 m³

Proposed 5 year commercial hardwood harvest: 1000 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

Approximately 7 km of forest access road upgrades are required including 4 stream crossing.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur

within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

No harvesting will take place during the caribou calving season within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation. In addition, 30% of the forest cover will be maintained within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation.

Operating Area Name: Rocky Pond North	Operating Area #: CC10059
NFS Inventory Map #: 6244,6234, 6331, 6341	NTS Map #: 12H/1, 2E/4

Description of Area:

This area of crown land is located on the Western boundary of forest management district (FMD) 10. It is accessed from the TCH (Route 1) north of Badger via the Mark's Lake forest Access road (FMD 9). The terrain varies from rugged to rolling. Large portions of the area consist of old cutovers that has been silviculturally treated by PCT. The area is being proposed to salvage timber remaining from prior logging operations. It is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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: 40,700 m³

Proposed 5 year commercial hardwood harvest: 500 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

There will be 1.5 km of primary road construction.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Badger Southeast	Operating Area #: CC10060
NFS Inventory Map #: 7444,7541	NTS Map #: 12A/16, 2D/13

Description of Area:

This area of crown land is located south-east of Badger it is accessed from the TCH (Route 1). It is located on the north side of Exploit's River which forms the boundary between forest management districts (FMD) 10 and 11. The terrain varies from rugged to rolling terrain. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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: 1,500 m³

Proposed 5 year commercial hardwood harvest: 100 m³

Proposed 5 year domestic softwood harvest: 100 m³

Proposed 5 year domestic hardwood harvest: 25m³

Silviculture Activities:

Reconnaissance surveys will be carried out on existing cutovers and regenerating stands to determine the need for site preparation and potential planting. 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.

Primary Forest Access Road Construction:

None.

Non Timber Considerations and Mitigations:

Consultations occurred with a local tourism establishment operating on the Exploit's River. The Forestry Services Branch have agreed to the following mitigations for this operating area:

1. The viewscape (as identified on map) from the Exploit's River, will be managed to protect the integrity of the views.
2. Any new roads will be deactivated following the completion of forest management activities.
3. Harvesting will not occur during the peak tourist season (June 15 – Sept 15).

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway, or the Trans Canada Highway. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Permits from service NL and adherence to the Protected Roads Zoning Regulations – Rural Conservation Zone will be addressed during the creation of AOP's

Operating Area Name: Middleton East	Operating Area #: CC10061
NFS Inventory Map #: 6311,6321	NTS Map #: 2E/4

Description of Area:

This area of crown land is located in forest management district (FMD) 10 West of Grand Fall's Windsor. It is accessed from the TCH (Route 1) via the Aspen Brook forest access road. The terrain varies from rugged to rolling. Large portions of the area consists of old cutovers that have been silviculturally treated. The area is being proposed to salvage timber remaining from prior logging operations. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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: 12,600 m³

Proposed 5 year commercial hardwood harvest: 200 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

Approximately 8.5 km of forest access road upgrading will be required.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Rocky Pond South	Operating Area #: CC10063
NFS Inventory Map #: 6234, 6331	NTS Map #: 12H/1, 2E/4

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 and North Twin forest access roads. The terrain varies from rugged to rolling. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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: 80,400 m³

Proposed 5 year commercial hardwood harvest: 500 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

There will be 9.5 km of new primary road constructed requiring 1 proposed stream crossing.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. Harvesting will only take place on the north side of the cottage access road. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

No harvesting will take place during the caribou calving season within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation. In addition, 30% of the forest cover will be maintained within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation.

Operating Area Name: Aspen Brook West	Operating Area #: CC10066
NFS Inventory Map #: 7541	NTS Map #: 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. The terrain varies from rugged to rolling terrain. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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: 18,900 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

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.

Primary Forest Access Road Construction:

There will be approximately 1.50 kilometers of new road constructions to facilitate commercial harvesting activities in this area, which includes 1 (one) stream crossing (bridge).

Non Timber Considerations and Mitigations:

Consultations occurred with a local tourism establishment operating on the Exploit's River. The Forestry Services Branch has agreed to the following mitigations for this operating area:

1. The viewscape (identified on operational overview map) from the Exploit's River, will be managed to protect the integrity of tourism values.
2. Any new roads will be deactivated following the completion of forest management activities.
3. Harvesting will not occur during the peak tourist season (June 15 – Sept 15).

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway, or the Trans Canada Highway. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Permits from service NL and adherence to the Protected Roads Zoning Regulations – Rural Conservation Zone will be addressed during the creation of AOP's

Operating Area Name: Seabright Pond	Operating Area #: CC10067
NFS Inventory Map #: 5313, 5314	NTS Map #: 2E5

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. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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: 33,400 m³

Proposed 5 year commercial hardwood harvest: 1,000 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

There will be approximately 8 km of primary road constructed that will require 7 proposed stream crossings.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 30 meters of a cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. In addition, 30% of the forest cover will be maintained within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation.

Operating Area Name: Seal Bay River West	Operating Area #: CC10068
NFS Inventory Map #: 5313, 5323, 5324	NTS Map #: 2E5

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 Grovers Harbour via Southern Lake Forest Access road. The terrain varies from rugged to rolling hills to steep valleys. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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: 75,000 m³

Proposed 5 year commercial hardwood harvest: 500 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

There will be approximately 5.2 km of primary access road constructed that will require 2 proposed stream crossings.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: North Twin North	Operating Area #: CC10069
NFS Inventory Map #: 5311, 5312, 5321, 5322	NTS Map #: 2E/5

Description of Area:

This area of crown land is located on the Northern boundary of forest management district (FMD) 10. It is accessed from the south side of Triton highway (Route 380) via the Kippen's Ridge forest Access road (FMD 9). The south side of the proposed cutting area is bounded by North Twin Lake. The terrain varies from rugged to rolling and it consists of mostly age class 5 and 6 forest stands. The area is located in the North Central Sub region of the Central Newfoundland Forest Ecoregion.

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: 146,000 m³

Proposed 5 year commercial hardwood harvest: 500 m³

Proposed 5 year domestic softwood harvest: 00 m³

Proposed 5 year domestic hardwood harvest: 00 m³

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:

There will be 1.5 km of new primary road construction that will require 1 proposed stream crossing (bridge) .

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. This area is being assessed by a Landscape Connectivity Working Group. Final harvesting parameters will be finalized by June 1, 2016 based on these negotiations.

Operating Area Name: North Twin West 1	Operating Area #: CC10070
NFS Inventory Map #: 5311,5321	NTS Map #: 2E/5

Description of Area:

This area of crown land is located on the Western boundary of forest management district (FMD) 10. It is accessed from the east side of the TCH (Route 1) north of Badger on the via the Rocky Pond forest Access road (FMD 9). The east side of the proposed cutting area is bounded by North Twin Lake. The terrain varies from rugged to rolling and the operating area is comprised of age class 4, 5 and 6 forest stands. The area is located in the North Central Sub region of the Central Newfoundland Forest Ecoregion.

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: 52,500 m³

Proposed 5 year commercial hardwood harvest: 200 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

There will be 2.5 km of new forest access road constructed .

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the

nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. . This area is being assessed by a Landscape Connectivity Working Group. Final harvesting parameters will be finalized by June 1, 2016 based on these negotiations.

Operating Area Name: North Twin West 2	Operating Area #: CC10071
NFS Inventory Map #: 6244, 6341,5311,5214	NTS Map #: 12H/1, 12H/8 2E/4, 2E/5

Description of Area:

This area of crown land is located on the Western boundary of forest management district (FMD) 10. It is accessed from the east side of the TCH (Route 1) north of Badger on the via the North Twin forest Access road (FMD 9). The east side of the proposed cutting area is bounded by North Twin Lake. The terrain varies from rugged to rolling and the operating area is comprised mainly of age class 5 forest stands. The area is located in the North Central Sub region of the Central Newfoundland Forest Ecoregion.

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: 50,000 m³

Proposed 5 year commercial hardwood harvest: 200 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

There will be 3.7 km of new primary road construction that will require 1 proposed stream crossings.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Lewis Lake	Operating Area #: CC10072
NFS Inventory Map #: 5314, 6344	NTS Map #: 2E4

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 Grovers Harbour via Southern Lake Forest Access road. . The terrain varies from rugged to rolling hills to steep valleys. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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: 28,000 m³

Proposed 5 year commercial hardwood harvest: 500 m³

Proposed 5 year domestic softwood harvest: 500 m³

Proposed 5 year domestic hardwood harvest: 500 m³

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.

Primary Forest Access Road Construction:

Approximately 7 kilometers of new primary resource road will be constructed, including 9 proposed stream crossings

Non Timber Considerations and Mitigations:

A 20 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 no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Four Mile Lake , Nanny bag	Operating Area #: CC10073, CC10076
NFS Inventory Map #: 5314, 5411, 6441	NTS Map #: 2E/5, 2E/6, 2E/3

Description of Area:

This area of crown land is located along the North-East boundary of forest management district (FMD) 10. It is located within the Point Leamington Protected Watersupply area and is comprised of very rugged and hilly terrain. Most of the commercial timber within the operating area was harvested by commercial contractors in the 1990s. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by the earlier operations. The operating area is located in the North-Central Sub region of the Central Newfoundland Forest Ecoregion.

Harvesting Activities:

Commercial activity in this area will be treated as “salvage non industrial harvest” and will include pulpwood, sawlog and fuelwood harvesting using chainsaws and with extraction by snowmobile or ATV similar to domestic cutting.

CC10073

Proposed 5 year commercial softwood harvest: 16,500 m³
 Proposed 5 year commercial hardwood harvest: 2,500 m³
 Proposed 5 year domestic softwood harvest: 0 m³
 Proposed 5 year domestic hardwood harvest: 0 m³

CC10076

Proposed 5 year commercial softwood harvest: 5,500 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

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:

CC10076

Approximately 5 km of forest access road upgrades and 0.50 km of new construction are required.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

Operating Area Name: North Twin North 2	Operating Area #: CC10074
NFS Inventory Map #: 5313, 5323, 5312,5322	NTS Map #: 2E/5

Description of Area:

This area of crown land is located on the Northern boundary of forest management district (FMD) 10. It is accessed from the south side of Triton highway (Route 380) via the Kippen's Ridge forest Access road (FMD 9) and off route 350 between Point Leamington and Grovers Harbour via Southern Lake Forest Access road. The terrain varies from rugged to rolling and it consists of mostly age class 5 and 6 forest stands. The area is located in the North Central Sub region of the Central Newfoundland Forest Ecoregion.

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: 90,500 m³

Proposed 5 year commercial hardwood harvest: 500 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

Approximately 8 km of forest access road upgrades and 1.50 km of new construction are required including one stream crossing (1Culvert, 2 bridges).

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

No harvesting will take place during the caribou calving season within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation.

Operating Area Name: Lewis Lake West	Operating Area #: CC10075
NFS Inventory Map #: 5313, 6343	NTS Map #: 2E4

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. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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: 48,000 m³

Proposed 5 year commercial hardwood harvest: 300 m³

Proposed 5 year domestic softwood harvest: 500 m³

Proposed 5 year domestic hardwood harvest: 500 m³

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.

Primary Forest Access Road Construction:

Approximately 8 kilometers of new primary resource road will be constructed, including 9 proposed stream crossings

Non Timber Considerations and Mitigations:

A 20 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 no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. This particular commercial block was noted as a high value area by the Hideaway Outfitting Lodge. The Agency agreed to meet with the stakeholder on an annual basis to go over upcoming plans for commercial harvesting and road construction, and work through any concerns. No harvesting will take place during the caribou calving season within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation.

Operating Area Name: Mud Lake	Operating Area #: CC10077
NFS Inventory Map #: 5411, 6441	NTS Map #: 2E/6, 2E/3

Description of Area:

This area of crown land is located along the North-East boundary of forest management district (FMD) 10. A Portion is located within the Point Leamington Protected Watersupply area and is comprised of very rugged and hilly terrain. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by earlier operations. The operating area is located in the North-Central Sub region of the Central Newfoundland Forest Ecoregion.

Harvesting Activities:

Commercial activity in this area will be split between conventional commercial activity that include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder and “salvage non industrial harvest” that consist of harvesting using chainsaws with extraction by snowmobile or ATV similar to domestic cutting.

Proposed 5 year commercial softwood harvest: 11,600 m³

Proposed 5 year commercial hardwood harvest: 2,500 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

Approximately 4.3 km of forest access road upgrades are required.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

Operating Area Name: New Bay River	Operating Area #: CC10078
NFS Inventory Map #: 6441, 6442	NTS Map #: 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. A Portion is located within the Point of Bay Protected Watersupply area and is comprised of rugged and hilly terrain. Within the upcoming five year operating plan, commercial fuelwood operators will salvage timber that was not feasible to harvest by earlier operations. The operating area is located in the North-Central Sub region of the Central Newfoundland Forest Ecoregion.

Harvesting Activities:

Commercial activity in this area will be split between conventional commercial activity that include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvesters with extraction by forwarder and “salvage non industrial harvest” that consist of harvesting using chainsaws with extraction by snowmobile or ATV similar to domestic cutting.

Proposed 5 year commercial softwood harvest: 11,600 m³

Proposed 5 year commercial hardwood harvest: 2,500 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

Approximately 7.3 km of forest access road upgrades are required.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream. Negotiations will continue with the town regarding harvesting in the protected water supply as this area has been highlighted as an optimal fuelwood source for community residents.

Operating Area Name: Pynns Brook	Operating Area #: CC10079
NFS Inventory Map #: 7541	NTS Map #: 2D13

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 small component of Pre Commercial Thinning's in this area, treated in 1977 and 2005. The terrain varies from rugged to rolling. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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: 14,500 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

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.

Primary Forest Access Road Construction:

Approximately 2.0 kilometers of new primary resource road, and approximately 2.5 km of existing road upgrade will be required to harvest this area, including 2 proposed stream crossings.

Non Timber Considerations and Mitigations:

A 20 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 no cutting within 100 meters of a cabin development area, the TCH and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Permits from service NL and adherence to the Protected Roads Zoning Regulations – Rural Conservation Zone will be addressed during the creation of AOP's

Operating Area Name: Cassandra Pond	Operating Area #: CC10081
NFS Inventory Map #: 7541	NTS Map #: 2D13

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 small component of Pre Commercial Thinning's in this area, treated in 1977 and 2005. The terrain varies from rugged to rolling. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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: 70,400 m³

Proposed 5 year commercial hardwood harvest: 2,500 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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.

Primary Forest Access Road Construction:

Approximately 5 kilometers of new primary resource road, and approximately 4.5 km of existing road upgrade will be required to harvest this area, including 4 proposed stream crossings (3 culverts / 1 bridge).

Non Timber Considerations and Mitigations:

A 20 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 no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Permits from service NL and adherence to the Protected Roads Zoning Regulations – Rural Conservation Zone will be addressed during the creation of AOP's. In addition a 1km safety buffer will be maintained around explosives storage site along with consultation with the operator of this site. Finally, there will be no harvesting within the former Aspen Brook Provincial Park.

Operating Area Name: Aspen Brook West 2	Operating Area #: CC10082
NFS Inventory Map #: 7541, 7444	NTS Map #: 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. This area also 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.

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: 13,400m³

Proposed 5 year commercial hardwood harvest: 200 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

There are approximately 0.85 kilometers of new road construction required, including 1 stream crossing.

Non Timber Considerations and Mitigations:

Consultations occurred with a local tourism establishment operating on the Exploit's River. The Forestry Services Branch has agreed to the following mitigations for this operating area:

1. The viewscape (as identified on map) from the Exploit's River, will be managed to protect the areas integrity.
2. Any new roads will be deactivated following the completion of forest management activities.
3. Harvesting will not occur during the peak tourist season (June 15 – Sept 15).

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway, or the Trans-Canada Highway. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Permits from service NL and adherence to the Protected Roads Zoning Regulations – Rural Conservation Zone will be addressed during the creation of AOP's

Operating Area Name: Frozen Ocean North	Operating Area # cc10083
NFS Inventory Map #: 6343	NTS Map #: 2E/4

Description of Area:

This area of crown land is located in the heart of Forest Management District (FMD) 10. It is accessed from the north side of the TCH (Route 1), North of the Provincial Wooddale Tree Nursery via New Bay forest access road. The terrain varies from rugged to rolling. Portions of this area have been burned in previous years, and are also surrounded by Silviculture treatments including Pre Commercial Thinning (1995) and Plantations. The area is being proposed to salvage timber remaining from prior logging operations. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion .

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: 4,000 m³

Proposed 5 year commercial hardwood harvest: 50m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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.

Primary Forest Access Road Construction:

There will be approximately 6.5km of existing road upgraded which will includes 6 stream crossings.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Frozen Ocean South	Operating Area # CC10084
NFS Inventory Map #: 6343, 6333	NTS Map #: 2E/4

Description of Area:

This area of crown land is located in the heart of Forest Management District (FMD) 10. It is accessed from the north side of the TCH (Route 1), North of the Provincial Wooddale Tree Nursery via New Bay forest access road. The terrain varies from rugged to rolling. Portions of this area have been burned in previous years, and are also surrounded by Silviculture treatments including Pre Commercial Thinning (1995) and Plantations. The area is being proposed to salvage timber remaining from prior logging operations. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion .

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: 13,400 m³

Proposed 5 year commercial hardwood harvest: 100m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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.

Primary Forest Access Road Construction:

There will be approximately 11km of existing road upgraded which will includes 4 stream crossings.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Frozen Ocean South2	Operating Area # CC10085
NFS Inventory Map #: 6333	NTS Map #: 2E/4

Description of Area:

This area of crown land is located in the heart of Forest Management District (FMD) 10. It is accessed from the north side of the TCH (Route 1), North of the Provincial Wooddale Tree Nursery via New Bay forest access road. The terrain varies from rugged to rolling. Portions of this area have been burned in previous years, and are also surrounded by Silviculture treatments including Pre Commercial Thinning (1995) and Plantations. The area is being proposed to salvage timber remaining from prior logging operations. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion .

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: 10700 m³

Proposed 5 year commercial hardwood harvest: 100m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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.

Primary Forest Access Road Construction:

There will be approximately 2.5 of new forest resource road constructed with no streams crossings

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Northern Arm Brook2	Operating Area #: CC10086
NFS Inventory Map #: 6421, 6324	NTS Map #: 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. It is accessed from route 350 near Northern Arm on the south side of Northern Arm Brook. The terrain varies from rugged to rolling. The area is located in the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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: 9,300 m³

Proposed 5 year commercial hardwood harvest: 50 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

Approximately 5 km of forest access road will be upgraded and 2.0 km of new construction are required.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Hardwood and Softwood Domestic Cutting Areas District 10	Operating Area #: CC10502, CC10504, CC10507, CC10510
Domestic cutting area & map #: 10-02, 10-04, 10-07, 10-10	NTS Map #: 12A/6, 2E/4 2E/3, 12H/1, 2D/13

Description of Area:

These listed parcels of crown land are located throughout forest management district (FMD) 10. The areas are located in close proximity to the communities throughout the Zone in order to accommodate the fuelwood/sawlog requirements of the general public. The terrain within the areas that still have mature timber are generally rugged and hilly. These areas are located in the North-Central subregion of the Central Newfoundland Forest Ecoregion.

Harvesting Activities:

Commercial harvesting operations have occurred in these areas in recent years and have removed the majority of the commercially viable timber. The remaining timber is primarily located in areas that are difficult to access, the terrain is rugged and/or consist of non-commercial species. Harvesting of hardwoods and softwoods will be permitted in these areas for domestic use. Domestic harvesting will normally utilize chainsaws with extraction by snowmobiles or ATV's.

Proposed 5 year domestic softwood harvest: 16,500 m³

Proposed 5 year domestic hardwood harvest: 16,500 m³

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:

None

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway or any routed highway. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

Operating Area Name: Hardwood Domestic Cutting Areas District 10	Operating Area #: CC10501, CC10503, CC10505, CC10506, CC10509, CC10511, CC10512
Domestic cutting area & map #: 10-01, 10-03, 10-05, 10-06, 10-09 10-11, 10-12	NTS Map #: 2E/3, 2E/4, 2E/5, 2E/6 12A/16, 2D/13,

Description of Area:

These listed parcels of crown land are located throughout forest management district (FMD) 10. The areas are generally isolated and established throughout the Zone in order to accommodate the fuelwood requirements of remote cabin owners and cabins within cottage development areas. The terrain is generally rolling and located within the North-Central subregion of the Central Newfoundland Forest Ecoregion.

Harvesting Activities:

Many of these areas still contain a significant amount of commercially viable timber. Domestic harvesting will only be permitted for hardwoods and non-commercial species including larch and dead/blowdown timber. Domestic harvesting will normally utilize chainsaws with extraction by snowmobiles or ATV's.

Proposed 5 year domestic softwood harvest : 0 m³

Proposed 5 year domestic hardwood harvest: 15,000m³

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:

None

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

Operating Area Name: Diversion Lake	Operating Area #: CC11043
NFS Inventory Map #: 7511, 7512, 7522	NTS Map #: 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 Chipper forest access roads. This operating area is within both the Red Indian and North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling to hilly.

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: 27,900 m³

Proposed 5 year commercial hardwood harvest: 50 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

Approximately 10 km of new construction are required including three stream crossing.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: West Lake Sandy Brook, Lemottes Lake	Operating Area #: CC11044, CC11090
NFS Inventory Map #: 7532	NTS Map #: 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 forest access roads. Areas are split by Sandy access road and bound to the north by Thunder Brook. These operating areas are within the Red Indian and North Central subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling to flat.

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.

Block ID	5yr commercial softwood m3	5yr commercial hard wood m3	5yr domestic softwood m3	5yr domestic hardwood m3
CC11044	4,400	25	0	0
CC11090	12,800	500	0	0

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:

Block ID	Construction km	Reconstruction km
cc11044	0.8	0
cc11090	3.5	0

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. There will be ongoing consultation with the Labrador –Island Limited Partnership as block cc11090 intersects the line easement.

Operating Area Name: Lemottes East	Operating Area #: CC11045
NFS Inventory Map #: 7533	NTS Map #: 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 forest access roads. The area is bound to the north by Sandy road and to the west by Lemottes Lake. Is operating area is within the North Central subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling too flat.

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: 4,600 m³

Proposed 5 year commercial hardwood harvest: 50 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

Approximately 1 km of new construction is required.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Consultation with NL Hydro and Labrador Island Link Limited Partnership will take place before harvesting commences, as this block intersects the line easement for both companies. In addition, permission from the town of Grand Falls Windsor will be pursued for the area that falls inside their rural zone.

Operating Area Name: North Great Rattling Brook, Stoney lake East1, Stoney Lake East2, Stoney Lake South	Operating Area #: CC11046, CC11085, CC11086, CC11087
NFS Inventory Map #: 8722, 8732, 8733, 8743	NTS Map #: 2D/12

Description of Area:

This area of crown land is located near the southern end of forest management district (FMD) 11 and is bounded to the south by Great Rattling Brook. It is accessed from the town of Grand Falls-Windsor via the Chipper and Sepepet forest access roads. These operating areas are within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

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.

Block ID	5yr commercial softwood m3	5yr commercial hard wood m3	5yr domestic softwood m3	5yr domestic hardwood m3
cc11046	11,100	50	0	0
cc11085	40,400	1500	0	0
cc11086	74,600	500	0	0
cc11087	51,200	500	0	0

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:

Approximate values

Block ID	Construction km	Reconstruction km
cc11046	1.3	0
cc11085	4.5	0
cc11086	8.0	0
cc11087	2.8	4.75

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

No harvesting will take place during the caribou calving season within the identified Caribou area (as outlined on blocks CC11046 and CC11087 operating area maps contained within) – and as agreed with the Department of Environment and Conservation.

Operating Area Name: Tom Joe Brook	Operating Area #: CC11047
NFS Inventory Map #: 7423, 7424	NTS Map #: 12A/16

Description of Area:

This area of crown land is located to the North of Cripple Back Lake near the West boundary of forest management district (FMD) 11. It is accessed through the town of Grand Falls Windsor via Sandy forest access road. This operating area is within the Red Indian Subregion of the Central Newfoundland Ecoregion and the terrain is generally hilly.

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: 7,000 m³

Proposed 5 year commercial hardwood harvest: 50 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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.

Primary Forest Access Road Construction:

Approximately 4.3 km of primary access road required with 2 proposed water course crossings.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Sandy Lake North, Caribou Lake, Mill Pond	Operating Area #: CC11048, CC11093, CC11095
NFS Inventory Map #: 7413, 8643,8644	NTS Map #: 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. Caribou Lake and Mill Pond are adjacent commercial areas and were pre commercially thinned from 1983-1987. This operating area is within the Red Indian Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

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.

Block ID	5yr commercial softwood m3	5yr commercial hard wood m3	5yr domestic softwood m3	5yr domestic hardwood m3
cc11048	32,000	50	0	0
cc11093	4,900	50	0	0
cc11095	5,200	1500	0	0

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.

Primary Forest Access Road Construction:

Approximately

Block ID	Construction km	Reconstruction km
cc11048	2.4	0
cc11093	6.4	1.5
cc11095	4.0	7.8

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. Consultation will occur with Land Management Division regarding the Cottage Development Area within operating area CC11095. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

No harvesting will take place during the caribou calving season within the identified Caribou area (as outlined on CC11048 operating area maps contained within) – and as agreed with the Department of Environment and Conservation. In addition, 30% of the forest cover will be maintained within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation.

Operating Area Name: Rocky Pond	Operating Area #: CC11049
NFS Inventory Map #: 7434	NTS Map #: 12A/16

Description of Area:

This area of crown land is located near the North boundary of forest management district (FMD) 11 and consists mainly of age class four black spruce. It is accessed through the town of Grand Falls Windsor via Sandy forest access road and is to the north of Five Mile Lake. This operating area is within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

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: 1,000 m³

Proposed 5 year commercial hardwood harvest: 0 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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.

Primary Forest Access Road Construction:

No primary access road is required

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Consultation with NL Hydro will take place before harvesting commences, as this block intersects the line easement.

Operating Area Name: North Great Rattling	Operating Area #: CC11050
NFS Inventory Map #: 8711,8721, 8722, 8731, 8732	NTS Map #: 2D/12

Description of Area:

This area of crown land is split in two and is located near the southern end of forest management district (FMD) 11 and is bounded to the west by South Great Rattling Brook to the north by North Great Rattling Brook. It is accessed from the town of Grand Falls-Windsor via the Chipper and Sepepet forest access roads. This operating area is within the North Central and Central Barrens Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

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: 43,300 m3

Proposed 5 year commercial hardwood harvest: 1500m3

Proposed 5 year domestic softwood harvest: 0 m3

Proposed 5 year domestic hardwood harvest: 0 m3

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:

No primary forest access road is required

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

No harvesting will take place during the caribou calving season within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation. Continuing consultation will take place with Jim Brown, the owner of Pepper Mountain Lodge during the AOP development process.

Operating Area Name: Beaver Pond	Operating Area #: CC11051
NFS Inventory Map #: 8722,8723,8732, 8733	NTS Map #: 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. This operating area is within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

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: 41,700 m³

Proposed 5 year commercial hardwood harvest: 50 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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.

Primary Forest Access Road Construction:

Approximately 8 Km of primary access road will be constructed that will require 1 proposed water course crossings.

Non Timber Considerations and Mitigations:

An outfitter is established within this operating area. A no harvest buffer will be maintained around the outfitting camp and the Forestry Services Branch will continue to work with the outfitter during AOP development. The NL Hydro Transmission line easement line intersects the operating area.

Consultation with NL Hydro will take place before harvesting commences.

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: South Great Rattling	Operating Area #: CC11052
NFS Inventory Map #: 8712,8722, 8723, 8732	NTS Map #: 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. The operating area is bounded by South Great Rattling Brook to the west and is comprised of rugged, wet and boggy terrain. It is located within the North Central Subregion of the Central Newfoundland Forest Ecoregion.

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: 41,600 m³

Proposed 5 year commercial hardwood harvest: 250 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

Approximately 15.6km of forest access road new construction are required including one stream crossing (Culvert).

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

No harvesting will take place during the caribou calving season within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation.

Operating Area Name: Kennedy's Pond	Operating Area #: CC11053
NFS Inventory Map #: 8744	NTS Map #: 2D/12

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 bounded in the south by Martin Lake and by Great Rattling Brook in the North. This operating area is within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

Harvesting Activities:

The majority of commercial activity is completed in this area. Opportunities for a commercial fuelwood operator and domestic/clean up are possible. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 18,300 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

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.

Primary Forest Access Road Construction:

There will be approximately 1.1 km of new primary road and one stream crossing.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. No harvesting will take place during the caribou calving season within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation.

Operating Area Name: Nugents Pond 1, Budgels Pond, Golden Gullies	Operating Area #: CC11054, CC11058, CC11071
NFS Inventory Map #: 7523, 7524, 7533, 7534	NTS Map #: 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 in the general area of little rattling brook. It is within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

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.

Block ID	5yr commercial softwood m3	5yr commercial hard wood m3	5yr domestic softwood m3	5yr domestic hardwood m3
cc11054	14,100	200	0	0
cc11058	10,800	0	0	0
cc11071	2,700	50	0	0

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:

No road required

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. No harvesting will take place during the caribou calving season within the identified Caribou area (as outlined on CC11071 operating area maps contained within) – and as agreed with the Department of Environment and Conservation.

Operating Area Name: Luffs Pond 1, 2, 3	Operating Area #: CC11055, CC11056, CC11075
NFS Inventory Map #: 7513, 7514, 8743, 8744	NTS Map #: 2D/12, 2D/13

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. These operating areas are dissected by Paradise Lake road and bordered on the east by great rattling brook. It is within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

Harvesting Activities:

Commercial activity will range from pulpwood saw log and fuel wood harvesting using chainsaws and Mechanical harvesters with extraction by forwarder. There could be a small amount of domestic cutting activity which occurs in the winter using chainsaws with extraction by snowmobile or ATV.

Block ID	5yr commercial softwood m3	5yr commercial hard wood m3	5yr domestic softwood m3	5yr domestic hardwood m3
cc11055	29,400	500	0	0
cc11056	61,700	1000	0	0
cc11075	8,400	250	0	0

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.

Primary Forest Access Road Construction:

There will be no primary road constructed

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. Consultation will be on going with the Land Management Division regarding the Cabin Development Areas within CC11056 and CC11075. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Great Rattling West 1, 2	Operating Area #: CC11057, CC11062
NFS Inventory Map #: 7524	NTS Map #: 2D/13

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 located on the East side of Paradise Lake road and is adjacent to Great Rattling Brook. It is within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is rolling.

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.

Block ID	5yr commercial softwood m3	5yr commercial hard wood m3	5yr domestic softwood m3	5yr domestic hardwood m3
cc11057	17,600	250	0	0
cc11062	13,600	250	0	0

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.

Primary Forest Access Road Construction:

There will be no primary road constructed

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. Permits from Service NL and adherence to the Protected Roads Zoning Regulations – Rural Conservation Zone will be addressed during the creation of AOP's. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. No harvesting will take place during the caribou calving season within the identified Caribou area (as outlined on CC11062 operating area maps contained within) – and as agreed with the Department of Environment and Conservation.

Operating Area Name: Haynes Lake	Operating Area #: CC11059
NFS Inventory Map #: 7611, 8841, 8831	NTS Map #: 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' Espoir highway (Route 360). The operating area is bounded by Haynes Lake in the North, and adjacent to Rolling Pond in the south. This operating area is within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

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: 130,000 m³

Proposed 5 year commercial hardwood harvest: 4000 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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.

Primary Forest Access Road Construction:

14.5 Km of new primary road will be constructed that will require 4 proposed stream crossings.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. No harvesting will take place during the caribou calving season within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation. In addition, 30% of the forest cover will be maintained within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation.

Operating Area Name: Canning's Lake, Tote Lake South	Operating Area #: CC1160, CC11084
NFS Inventory Map #: 7514,7524, 7611,7621, 8841	NTS Map #: 2D/13, 2D/11 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 Haynes Lake in the South. It is within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

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.

Block ID	5yr commercial softwood m3	5yr commercial hard wood m3	5yr domestic softwood m3	5yr domestic hardwood m3
cc11060	53,800	2500	0	0
cc11084	36,800	250	0	0

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.

Primary Forest Access Road Construction:

Block ID	Construction km	Reconstruction km
cc11060	9.0	0
cc11084	2.2	0

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. Permits will be obtained from Service NL and adherence to the Protected Road Zoning regulations – Rural Conservation zone. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. In addition there will be ongoing consultation with the Labrador Island Link Limited partnership around harvesting near the Transmission Line easement.

Operating Area Name: Rushy Pond	Operating Area #: CC11061
NFS Inventory Map #: 7514, 8744	NTS Map #: 2D/13, 2D/12

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 southern portion contains silviculture treated area from the mid-1980. The operating area is bounded in the south by Martin Lake and by Great Rattling Brook in the North. This operating area is within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

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: 31,700 m³

Proposed 5 year commercial hardwood harvest: 500 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

Approximately 1.7 km of forest access new construction is

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. Permits from Service NL and adherence to the Protected Roads Zoning Regulations – Rural Conservation Zone will be addressed during the creation of AOP's. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Tote Lake, Arthurs Lake	Operating Area #: CC11063, CC11064
NFS Inventory Map #: 7621	NTS Map #: 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. This operating area is within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

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.

Block ID	5yr commercial softwood m3	5yr commercial hard wood m3	5yr domestic softwood m3	5yr domestic hardwood m3
cc11063	23,300	25	0	0
cc11064	7,600	500	0	0

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:

Block ID	Construction km	Reconstruction km
cc11063	0	7.5
cc11064	1.0	0

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Sunday Pond Road	Operating Area #: CC11065
NFS Inventory Map #: 7524, 7534, 762, 7631, 7641	NTS Map #: 2D/13, 2D/14

Description of Area:

This area of crown land is located south of Grand Fall's-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 Borney Lake access road. The western boundary of the proposed operating area is bounded by the Bay d' Espoir highway. This operating area is within the North Central Subregion of the Central Newfoundland Ecoregion and contains a large portion of overmature timber.

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: 24,900 m³

Proposed 5 year commercial hardwood harvest: 500 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

There will be no new primary road constructed.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. Permits from service NL and adherence to the Protected Roads Zoning Regulations – Rural Conservation Zone will be addressed during the creation of AOP's. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Consultation will also occur with the NLSF regarding the managed snowmobile trails within this operating area.

Operating Area Name: Miguel Lake	Operating Area #: CC11066
NFS Inventory Map #: 8733, 8734, 8744, 8723, 8724	NTS Map #: 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. This operating area is within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

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: 15,500 m³

Proposed 5 year commercial hardwood harvest: 250 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

No Road Construction.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Where road infrastructure currently exists, harvesting in core caribou habitat can occur following seasonal restrictions (calving and post-calving May 15th to July 30th) and guidelines (maintain 30% forest cover). New road construction is not to occur and the cutblock boundary has been amended to exclude core caribou habitat. Harvesting may occur north of the Miguel Lake Brook which acts as a natural boundary between approved vs not approved forest harvest areas and associated infrastructure.

Operating Area Name: Great Rattling	Operating Area #: CC11067
NFS Inventory Map #: 8722, 8723, 8733,8734	NTS Map #: 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. This operating area is within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

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: 63,600 m³

Proposed 5 year commercial hardwood harvest: 1500 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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.

Primary Forest Access Road Construction:

There will be approximately 5 km of primary access road constructed with 2 proposed water course crossing.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Consultation will occur with NL Hydro regarding the TL easement prior to harvesting. No harvesting will take place during the caribou calving season within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation. In addition, 30% of the forest cover will be maintained within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation. Consultations will continue with Paul Toms, Beaver Mountain Camps Outfitter during the creation of the AOP.

Operating Area Name: Sepepet Block 1 , 2	Operating Area #: CC11068, CC11069
NFS Inventory Map #: 8731, 8732, 8741, 8742	NTS Map #: 12D/12

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 and bound in the south by Great Rattling North. These block area comprised mainly of age class 2 and 6 stands. This operating area is within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

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.

Block ID	5yr commercial softwood m3	5yr commercial hard wood m3	5yr domestic softwood m3	5yr domestic hardwood m3
cc11068	19,500	100	0	0
cc11069	21,100	100	0	0

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:

Block ID	Construction km	Reconstruction km
cc11068	7	0
cc11069	6.0	2.3

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Trappers, Shoulder Blade Lake West	Operating Area #: CC11070, CC11096
NFS Inventory Map #: 8632, 8633, 8642, b8643	NTS Map #: 12A/9

Description of Area:

This area of crown land is located on the south western boundary of forest management district (FMD) 11 and bound to the west by Noel Paul River. It is accessed from the town of Grand Falls-Windsor via the Chipper and Caribou Lake forest access roads. These operating areas are within the Red Indian Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

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.

Block ID	5yr commercial softwood m3	5yr commercial hard wood m3	5yr domestic softwood m3	5yr domestic hardwood m3
cc11070	17,800	100	0	0
cc11096	79,300	1500	0	0

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:

Block ID	Construction km	Reconstruction km
cc11070	4.3	0
cc11096	7.0	0

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. There will be on going consultation with the Land Management Division regarding the Cabin Development Area within CC11096. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Pistol Lake 1	Operating Area #: CC11073
NFS Inventory Map #: 8634	NTS Map #: 12A/9

Description of Area:

This area of crown land is located on the south western boundary of forest management district (FMD) 11. It is accessed from the town of Grand Falls-Windsor via the Chipper forest access road. It can be found on the south side of chipper road; its southern boundary is Pistol Lake. This operating area is within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

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: 4,800 m³

Proposed 5 year commercial hardwood harvest: 50 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

There will be approximately 1.2 km of upgrades and 1.8 km of new primary forest access road.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. There will be continuing consultation with Dick Fevens, the owner of Sandy Lake Lodge during the creation of the AOP.

Operating Area Name: Coronation Lake , Coronation Brook	Operating Area #: CC11074, CC11089
NFS Inventory Map #: 7414, 7424, 7511, 7521, 8644, 8741	NTS Map #: 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 Sandy and Lynx's Pond forest access roads. The area is bound to the south by Sandy Brook. This operating area is within the Red Indian subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling too hilly.

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.

Block ID	5yr commercial softwood m3	5yr commercial hard wood m3	5yr domestic softwood m3	5yr domestic hardwood m3
cc11074	208,400	4000	0	0
cc11089	204,800	5000	0	0

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:

Block ID	Construction km	Reconstruction km
cc11074	9.0	0
cc11089	15	0

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Jumpers Brook	Operating Area #: CC11076
NFS Inventory Map #: 641, 7641	NTS Map #: 2E/3, 2D/14

Description of Area:

This area of crown land is located near the north east boundary of forest management district (FMD) 11. The operating area is bound by the TCH to the North and the Bay d'Espoir Highway to the west. It is within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

Harvesting Activities:

The majority of commercial activity will conclude by the end of the 2011- 2015 five year plan, leaving opportunities for a small amount of domestic harvesting/cleanup to occur. This would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 18,200 m³

Proposed 5 year commercial hardwood harvest: 200 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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.

Primary Forest Access Road Construction:

Approximately 1 km of secondary resource road construction will be required to acquire the remaining fiber in this area.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of protected roads / TCH. Permits from Service NL and adherence to the Protected Roads Zoning Regulations – Rural Conservation Zone will be addressed during the creation of AOPs.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Consultation with JPS will take place before any harvesting is done on land that may be owned by Abitibi.

Operating Area Name: Rattling Brook	Operating Area #: CC11077
NFS Inventory Map #: 6412, 6422	NTS Map #: 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 accessed from the north side of the TCH (Route 1) just west of the Sandy Point/Norris Arm turnoff. The operating area is bound by the TCH, the Norris Arm South/Sandy Point highway and the FMD 11 boundary. Commercial harvesting has been ongoing in this area since 2009 with the majority of commercially viable timber already harvested. This operating area is within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

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: 9,200 m³

Proposed 5 year commercial hardwood harvest: 50 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

No primary road required

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway or any routed highways. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Consultation will be ongoing with the Town of Norris Arm for the portion of this block that falls within their rural zone.

Operating Area Name: Diversion Lake North, Stoney Brook South	Operating Area #: CC11078, CC11097
NFS Inventory Map #: 7511, 7512, 7522	NTS Map #: 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 Chipper forest access roads. Areas are found to the north of Chipper road and south of Sandy Brook. These operating areas are within the Red Indian subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling to hilly.

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.

Block ID	5yr commercial softwood m3	5yr commercial hard wood m3	5yr domestic softwood m3	5yr domestic hardwood m3
cc11078	56,100	2500	0	0
cc11097	9,700	100	0	0

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:

Block ID	Construction km	Reconstruction km
cc11078	5	0
cc11097	8.3	0

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Noel Paul, Noel Paul's Brook, Noel Paul 3	Operating Area #: CC11079, CC11083, CC11088
NFS Inventory Map #: 7412, 7413, 8642	NTS Map #: 12A/9, 12A/16

Description of Area:

These areas of crown land are located in the south western boundary of forest management district (FMD) 11. They are bound to the west by Noel Paul River and to the north by the Exploits River. It is accessed from the town of Grand Falls-Windsor via the Sandy Lake forest access road. This operating area is within the Red Indian Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

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.

Block ID	5yr commercial softwood m3	5yr commercial hard wood m3	5yr domestic softwood m3	5yr domestic hardwood m3
cc11079	10,000	500	0	0
cc11083	16,600	250	0	0
cc11088	48,900	500	0	0

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:

Block ID	Construction km	Reconstruction km
cc11079	2	0
cc11083	0	0
cc11088	4.5	0

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: West Lake	Operating Area #: CC11080
NFS Inventory Map #: 7414, 7424, 7521, 7531	NTS Map #: 12A/9, 12A/16, 2D/13, 2D/12

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 east by Tom Joe Brook and to the south east by West Lake. This operating area is within the Red Indian subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling too hilly.

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: 121,000 m³

Proposed 5 year commercial hardwood harvest: 5000 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

Approximately 25 km of new construction is required including 5 stream crossings

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Norris Arm	Operating Area #: CC11082
NFS Inventory Map #: 6412, 6422	NTS Map #: 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 split by the TCH (Route 1) just west of the Sandy Point/Norris Arm turnoff and bound to the west by Rattling Brook. The Sothern portion has a large amount of area that was thinned in the early 2000's. This operating area is within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is hilly with steep slopes.

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: 26,500 m³

Proposed 5 year commercial hardwood harvest: 250 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

Approximately 6 km of forest access road new construction is required including 2 stream crossings.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway or any protected highways. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Consultation will be ongoing with the Town of Norris Arm for the portion of this block that falls within their rural and protected water supply zone. No harvesting will occur inside the town's recreation, commercial or residential zones

Operating Area Name: West Stoney Brook	Operating Area #: CC11091
NFS Inventory Map #: 7522, 7523, 7532, 7533	NTS Map #: 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 Chipper forest access roads. Area is found to the north of Chipper road and bound to the west by Sandy Brook. The operating area is within the Red Indian and North Central subregion of the Central Newfoundland Ecoregion and the terrain is generally hilly with steep slopes.

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: 106,800 m³

Proposed 5 year commercial hardwood harvest: 1000 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

Approximately 9 km of new construction are required including two stream crossings

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Paradise Lake South	Operating Area #: CC11092
NFS Inventory Map #: 8743	NTS Map #: 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 bordered on the south east by great rattling brook and Paradise lake to the north. It is within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

Harvesting Activities:

Commercial activity will range from pulpwood saw log and fuel wood harvesting using chainsaws and Mechanical harvesters with extraction by forwarder. There could be a small amount of domestic cutting activity which occurs in the winter using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year commercial softwood harvest: 11,000 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

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.

Primary Forest Access Road Construction:

There will be no primary road constructed

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps.

There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. Consultations will be on going with Land Management Division regarding the Cabin Development Area. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year.

Operating Area Name: Little Rattling	Operating Area #: CC11094
NFS Inventory Map #: 7512, 7513, 8742, 8743	NTS Map #: 2D/12, 2D/13

Description of Area:

This area of crown land is located near the southern end of forest management district (FMD) 11 and is bounded to the east by Little Rattling Brook. It is accessed from the town of Grand Falls-Windsor via the Paradise Lake forest access road. These operating areas are within the North Central Subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling.

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: 92,700 m³

Proposed 5 year commercial hardwood harvest: 1500 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

There will be approximately 8.1 km of new primary road and 3 stream crossing.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. No harvesting will take place during the caribou calving season within the identified Caribou area (as outlined on operating area maps contained within) – and as agreed with the Department of Environment and Conservation.

Operating Area Name: West Lake South	Operating Area #: CC11098
NFS Inventory Map #: 7521, 7522	NTS Map #: 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. This operating area is within the Red Indian subregion of the Central Newfoundland Ecoregion and the terrain is generally rolling too hilly.

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: 71,500 m³

Proposed 5 year commercial hardwood harvest: 4000 m³

Proposed 5 year domestic softwood harvest: 0 m³

Proposed 5 year domestic hardwood harvest: 0 m³

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:

Approximately 14 km of new construction is required with 3 proposed stream crossing.

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be analyzed on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of a cabin development area and 20 meters of a registered legal cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Consultation will occur with Newfoundland Power regarding a Grant within this operating area.

Operating Area Name: Hardwood Domestic Cutting Areas District 11	Operating Area #: CC11501, CC11503, CC11504, CC11505, CC11507, CC11508, CC11509, CC11510, CC11511, CC11512, CC11513, CC11515, CC11516, CC11517
Domestic cutting area & map #: 11-01, 11-03, 11-04, 11-05, 11-07, 11-08, 11-09, 11-10, 11-11, 11-12, 11-13, 11-15, 11-16, 11-17	NTS Map #: 12A/9, 12A/16, 2D/13, 2D/14, 2D/12, 2D/11, 2E/3

Description of Area:

These listed parcels of crown land are located throughout forest management district (FMD) 11. The areas are generally isolated and established throughout the Zone in order to accommodate the fuelwood requirements of remote cabin owners and cabins within cottage development areas. The terrain is generally rolling and located within the North-Central subregion of the Central Newfoundland Forest Ecoregion.

Harvesting Activities:

Many of these areas still contain a significant amount of commercially viable timber. Domestic harvesting will only be permitted for hardwoods and non-commercial species including larch and dead/blowdown timber. Domestic harvesting will normally utilize chainsaws with extraction by snowmobiles or ATV's.

Proposed 5 year domestic hardwood harvest: 7,500 m³

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:

None

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway or routed highway. There will be no cutting within 100 meters of a cabin development area and 30 meters of a cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

Operating Area Name: Hardwood and Softwood Domestic Cutting Areas District 11	Operating Area #: CC11502, CC11506, CC11514, CC11518
Domestic cutting area & map #: 11-02, 11-06, 11-14, 11-18	NTS Map #: 2D/13, 2D/14, 2E/3

Description of Area:

These listed parcels of crown land are located throughout forest management district (FMD) 11. The areas are located in close proximity to the communities throughout the Zone in order to accommodate the fuelwood/sawlog requirements of the general public. The terrain within the areas that still have mature timber are generally rugged and hilly. These areas are located in the North-Central subregion of the Central Newfoundland Forest Ecoregion.

Harvesting Activities:

Commercial harvesting operations have occurred in these areas in recent years and have removed the majority of the commercially viable timber. The remaining timber is primarily located in areas that are difficult to access, the terrain is rugged and/or consist of non-commercial species. Harvesting of hardwoods and softwoods will be permitted in these areas for domestic use. Domestic harvesting will normally utilize chainsaws with extraction by snowmobiles or ATV's.

Proposed 5 year domestic softwood harvest: 30,000 m³

Proposed 5 year domestic hardwood harvest: 2,500 m³

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:

None

Non Timber Considerations and Mitigations:

Scheduled Salmon Rivers will be evaluated on a site-by-site basis and buffers will vary in width from 30 -100 meters. A 20 m buffer will be maintained on both sides of any other rivers, brook, ponds or other water bodies that are shown on 1:50,000 Topographic maps. There will be no cutting within 100 meters of Newfoundland Trailway or routed highway. There will be no cutting within 100 meters of a cabin development area and 30 meters of a cabin. No forestry activity is to occur within 800 meters of a bald eagle or osprey nest during the nesting season (Mar 15 to July 31) and 200 meters during the remainder of the year. Within protected water supplies, there will be no cutting within 150 meters of the intake pond or stream and no cutting within 75 meters of the main river channel. There will be no cutting within 50 meters of all ponds and streams flowing into the intake pond or stream.

Operating Area Name	Millertown Junction	Operating Area #	C-12001
NFS Inventory Map #:	7432/33/42/43	NTS Map #:	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. Millertown Junction Road operating area is located in the Central Newfoundland Ecoregion.

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:	121,757m³
Proposed 5 year commercial hardwood harvest:	1000m³
Proposed 5 year domestic softwood harvest:	na
Proposed 5 year domestic hardwood harvest:	na

Silviculture Activities: It is anticipated that there may be some natural softwood regeneration failure in this area. Site preparation followed by planting black spruce seedlings is the silviculture prescription for this operating area where necessary.

Primary Forest Access Road Construction:

New Construction: 9.96km

Reconstruction:

Non Timber Considerations and Mitigations: Caribou habitat.

Private land in operating area.

Operating Area Name	Little Red Indian	Operating Area #	C-12002
NFS Inventory Map #:	7433	NTS Map #:	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. Little Red Indian operating area is located in the Central Newfoundland Ecoregion.

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:	21,627m³
Proposed 5 year commercial hardwood harvest:	0m³
Proposed 5 year domestic softwood harvest:	na
Proposed 5 year domestic hardwood harvest:	na

Silviculture Activities: It is anticipated that there may be some natural softwood regeneration failure in this area. Site preparation followed by planting black spruce seedlings is the silviculture prescription for this operating area where necessary.

Primary Forest Access Road Construction:

New Construction: 1.0km

Reconstruction:

Non Timber Considerations and Mitigations: None

Private land and remote cottages.

Operating Area Name	Exploits	Operating Area #	C-12003
NFS Inventory Map #:	7422	NTS Map #:	12A/16

Description of Area: Exploits operating area is located approximately 22 kms southwest of Badger and is adjacent to the Buchans Highway. 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 mostly forested with a small amount of marshland. Exploits is located in the Central Newfoundland Ecoregion.

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:	9569m³
Proposed 5 year commercial hardwood harvest:	200m³
Proposed 5 year domestic softwood harvest:	na
Proposed 5 year domestic hardwood harvest:	na

Silviculture Activities: It is anticipated that there will be successful natural regeneration after harvesting in this area. Harvested sites will be assessed for successful regeneration post harvest. If regeneration is not up to Forest Service standards prescriptions will be applied to ensure regeneration occurs.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations: None

Protected road zone.

Operating Area Name	Moosehead	Operating Area #	C-12004
NFS Inventory Map #:	7421/22	NTS Map #:	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. Moosehead East operating area is located in the Central Newfoundland Ecoregion.

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:	17,758m³
Proposed 5 year commercial hardwood harvest:	2000m³
Proposed 5 year domestic softwood harvest:	Na
Proposed 5 year domestic hardwood harvest:	Na

Silviculture Activities: It is anticipated that there will be successful natural regeneration after harvesting in this area. Harvested sites will be assessed for successful regeneration post harvest. If regeneration is not up to Forest Service standards prescriptions will be applied to ensure regeneration occurs.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations: Outfitting Lodge inside this operating area, owner has been consulted and has no issue with this development.

Protected road zone.

Operating Area Name	Exploits River North	Operating Area #	C-12007
NFS Inventory Map #:	7314/7411	NTS Map #:	12A/15, 12A/16

Description of Area: Exploits River North operating area is located approximately 2 kms southeast of Millertown and is accessed using a forest access road leaving the Town of Millertown. The operating area is predominantly forested with white birch and black spruce with a minor component of trembling aspen and balsam fir. The operating area is entirely forested and adjacent to the Exploits River. Exploits River North is located in the Central Newfoundland Ecoregion.

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:	21,233m³
Proposed 5 year commercial hardwood harvest:	200m³
Proposed 5 year domestic softwood harvest:	na
Proposed 5 year domestic hardwood harvest:	na

Silviculture Activities: It is anticipated that there may be some natural softwood regeneration failure in this area. Site preparation followed by planting black spruce seedlings is the silviculture prescription for this operating area where necessary.

Primary Forest Access Road Construction:

New Construction: 2.0km

Reconstruction:

Non Timber Considerations and Mitigations: Easement to NL Hydro.

Operating Area Name	Valley Brook	Operating Area #	C-12008
NFS Inventory Map #:	7411	NTS Map #:	12A/16

Description of Area: Valley Brook operating area is located approximately 6 kms southeast of Buchan's Junction and is accessed using a forest access road leaving the Buchans Highway. The operating area is predominantly forested with white birch and black spruce with a minor component of trembling aspen and balsam fir. The operating area is entirely forested and adjacent to the Exploits River. Valley Brook is located in the Central Newfoundland Ecoregion.

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:	8179m³
Proposed 5 year commercial hardwood harvest:	200m³
Proposed 5 year domestic softwood harvest:	Na
Proposed 5 year domestic hardwood harvest:	Na

Silviculture Activities: It is anticipated that there may be some natural softwood regeneration failure in this area. Site preparation followed by planting black spruce seedlings is the silviculture prescription for this operating area where necessary.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations: None

Operating Area Name	Harpoon West	Operating Area #	C-12009
NFS Inventory Map #:	8543/44/7313/14	NTS Map #:	12A/10, 12A/15

Description of Area: The Harpoon West operating is approximately 15kms southwest of the community of Millertown and is bounded on the east by Harpoon Brook and Red Indian Lake to the west. The operating area is predominantly forested with white birch and black spruce with a minor component of trembling aspen and balsam fir. The operating area is entirely forested and is divided east-west by the Granite Lake access road. Harpoon West is located in the Central Newfoundland Ecoregion.

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:	66,095m³
Proposed 5 year commercial hardwood harvest:	5000m³
Proposed 5 year domestic softwood harvest:	na
Proposed 5 year domestic hardwood harvest:	na

Silviculture Activities: It is anticipated that there may be some natural softwood regeneration failure in this area. Site preparation followed by planting black spruce seedlings is the silviculture prescription for this operating area where necessary.

Primary Forest Access Road Construction:

New Construction: 5.78km

Reconstruction:

Non Timber Considerations and Mitigations: Sensitive waterfowl area.

Operating Area Name	Harpoon East	Operating Area #	C-12010
NFS Inventory Map #:	8544/8641/7314/7411	NTS Map #:	12A/9/10/15/16

Description of Area: Harpoon East 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 both black spruce stands and near Harpoon Brook there is pure white birch stands. Harpoon East is in the Central Newfoundland Ecoregion.

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:	53,588m³
Proposed 5 year commercial hardwood harvest:	6000m³
Proposed 5 year domestic softwood harvest:	na
Proposed 5 year domestic hardwood harvest:	na

Silviculture Activities: It is anticipated that there may be some natural softwood regeneration failure in this area. Site preparation followed by planting black spruce seedlings is the silviculture prescription for this operating area where necessary.

Primary Forest Access Road Construction:

New Construction: 5.34km

Reconstruction:

Non Timber Considerations and Mitigations: None

Operating Area Name	Bobby's Pond	Operating Area #	C-12011
NFS Inventory Map #:	8531/32	NTS Map #:	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. Bobby's Pond operating area is located in the Central Newfoundland Ecoregion.

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:	95,833m³
Proposed 5 year commercial hardwood harvest:	500m³
Proposed 5 year domestic softwood harvest:	na
Proposed 5 year domestic hardwood harvest:	na

Silviculture Activities: It is anticipated that there may be some natural softwood regeneration failure in this area. Site preparation followed by planting black spruce seedlings is the silviculture prescription for this operating area where necessary.

Primary Forest Access Road Construction:

New Construction: 10.02km

Reconstruction:

Non Timber Considerations and Mitigations: Caribou habitat.

Operating Area Name	Island Pond	Operating Area #	C-12012
NFS Inventory Map #:	8523/32/33/43	NTS Map #:	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 Denny's Pond Access Road to the south. The area is characterized by pure black spruce stands, some mixed wood stands and pure white birch stands. Island Pond operating area is in the Central Newfoundland Ecoregion.

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:	101,907m³
Proposed 5 year commercial hardwood harvest:	7000m³
Proposed 5 year domestic softwood harvest:	Na
Proposed 5 year domestic hardwood harvest:	Na

Silviculture Activities: It is anticipated that there may be some natural softwood regeneration failure in this area. Site preparation (preferably prescribed burning) followed by planting black spruce seedlings is the silviculture prescription for this operating area where necessary.

Primary Forest Access Road Construction:

New Construction: 14.53km

Reconstruction:

Non Timber Considerations and Mitigations: Five hundred meter managed buffer on Victoria River with a 30 meter no cut buffer from the river. Outfitting Lodge to the south of this operating area. Outfitter has been consulted. Sensitive waterfowl area.

Operating Area Name	Denny's Pond	Operating Area #	C-12013
NFS Inventory Map #:	8512/22/23	NTS Map #:	12A/10

Description of Area: Denny's Pond operating area is located approximately 27 kms southwest of Millertown. The area is characterized by pure black spruce stands, mixed wood stands and pure white birch stands in the vicinity of Victoria River. Throughout this operating area are large bogs and the area is bounded by Kelly's Pond to the southeast. The main access is through Denny's Pond access road. Denny's Pond is in the Central Newfoundland Ecoregion.

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:	72,562m³
Proposed 5 year commercial hardwood harvest:	7000m³
Proposed 5 year domestic softwood harvest:	Na
Proposed 5 year domestic hardwood harvest:	Na

Silviculture Activities: It is anticipated that there may be some natural softwood regeneration failure in this area. Site preparation followed by planting black spruce seedlings is the silviculture prescription for this operating area where necessary.

Primary Forest Access Road Construction:

New Construction: 12.9km

Reconstruction:

Non Timber Considerations and Mitigations: Caribou habitat. Five hundred meter managed buffer on Victoria River with a 30 meter no cut buffer from the river. Outfitting Lodge to the west of this operating area. Outfitter has been consulted. Sensitive waterfowl area.

Operating Area Name	Lost Pond	Operating Area #	C-12014
NFS Inventory Map #:	8513/23	NTS Map #:	12A/10

Description of Area: Lost Pond is located approximately 21 kms southwest of Millertown. The operating area is accessed using the Granite Lake Road in the Lake Ambrose area. 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. The area is comprised of a mix of immature and mature forest. Lost Pond is located in the Central Newfoundland Ecoregion.

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:	64,397m³
Proposed 5 year commercial hardwood harvest:	500m³
Proposed 5 year domestic softwood harvest:	na
Proposed 5 year domestic hardwood harvest:	na

Silviculture Activities: It is anticipated that there may be some natural softwood regeneration failure in this area. Site preparation followed by planting black spruce seedlings is the silviculture prescription for this operating area where necessary.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations: None

Operating Area Name	Kelly's Pond	Operating Area #	C-12015
NFS Inventory Map #:	8512/13/23	NTS Map #:	12A/10

Description of Area: Kelly's Pond is located approximately 21 kms southwest of Millertown. The operating area is accessed using the Granite Lake Road in the Lake Ambrose area and as well by the road to Quinn Lake. 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. The area is comprised of a mix of immature and mature forest. Kelly's Pond is located in the Central Newfoundland Ecoregion.

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:	130,801m³
Proposed 5 year commercial hardwood harvest:	500m³
Proposed 5 year domestic softwood harvest:	na
Proposed 5 year domestic hardwood harvest:	na

Silviculture Activities: It is anticipated that there may be some natural softwood regeneration failure in this area. Site preparation followed by planting black spruce seedlings is the silviculture prescription for this operating area where necessary.

Primary Forest Access Road Construction:

New Construction: 5.09km

Reconstruction:

Non Timber Considerations and Mitigations: Outfitting lodge west of this operating area. Owner has been consulted and has no issues. Landscape connectivity considerations.

Operating Area Name	Lake Douglas	Operating Area #	C-12016
NFS Inventory Map #:	9832/42/43/8513/14	NTS Map #:	12A/7,12A/10

Description of Area Lake Douglas is located approximately 36 kilometers southeast of Millertown. The operating area is accessed using the Granite lake Road and is bounded on the west by Rogerson Lake and to the east by Lake Douglas and 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. The area is comprised of a mix of immature and mature forest. Lake Douglas is located in the Central Newfoundland Ecoregion.

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:	341,896m³
Proposed 5 year commercial hardwood harvest:	500m³
Proposed 5 year domestic softwood harvest:	Na
Proposed 5 year domestic hardwood harvest:	Na

Silviculture Activities: It is anticipated that there may be some natural softwood regeneration failure in this area. Site preparation followed by planting black spruce seedlings is the silviculture prescription for this operating area where necessary.

Primary Forest Access Road Construction:

New Construction: 12.23km

Reconstruction:

Non Timber Considerations and Mitigations: Two outfitting lodges in this area.

Operating Area Name	Gill's Valley East	Operating Area #	C-12017
NFS Inventory Map #:	8514/24/34/8621/31	NTS Map #:	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 and west of Noel Paul Brook. Gill's Valley East is located in the Central Newfoundland Ecoregion.

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:	411,683m³
Proposed 5 year commercial hardwood harvest:	500m³
Proposed 5 year domestic softwood harvest:	na
Proposed 5 year domestic hardwood harvest:	na

Silviculture Activities: It is anticipated that there may be some natural softwood regeneration failure in this area. Site preparation followed by planting black spruce seedlings is the silviculture prescription for this operating area where necessary.

Primary Forest Access Road Construction:

New Construction: 33.54km

Reconstruction:

Non Timber Considerations and Mitigations: Duck Pond Mine Site is within this operating area. As well, proposed natural area.

Operating Area Name	Gill's Valley West	Operating Area #	C-12018
NFS Inventory Map #:	8524/34	NTS Map #:	12A/10

Description of Area: Gill's Valley West operating area is located approximately twenty kilometers south east of Millertown. The forest is comprised primarily of black spruce and balsam fir stands. The balsam fir and black spruce stands are generally second growth forest. The operating area contains a significant amount of young second growth forest as a result of the spruce budworm outbreaks in the 1980's. This operating area is south west of the former Duck Pond mine and is bounded on the east by Gill's Valley road and the west by Harpoon Brook. Gill's Valley West is located in the Central Newfoundland Ecoregion.

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:	81,649m³
Proposed 5 year commercial hardwood harvest:	500m³
Proposed 5 year domestic softwood harvest:	na
Proposed 5 year domestic hardwood harvest:	na

Silviculture Activities: It is anticipated that there may be some natural softwood regeneration failure in this area. Site preparation followed by planting black spruce seedlings is the silviculture prescription for this operating area where necessary.

Primary Forest Access Road Construction:

New Construction: 2.80km

Reconstruction:

Non Timber Considerations and Mitigations: None

Operating Area Name	Duck Pond Road West	Operating Area #	C-12019
NFS Inventory Map #:	8534	NTS Map #:	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. The balsam fir and black spruce stands are generally second growth forest. The operating area contains a significant amount of young second growth forest with bogs and some small ponds scattered throughout. 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. Duck Pond Road West is located in the Central Newfoundland Ecoregion.

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:	27,642m³
Proposed 5 year commercial hardwood harvest:	500m³
Proposed 5 year domestic softwood harvest:	Na
Proposed 5 year domestic hardwood harvest:	Na

Silviculture Activities: It is anticipated that there may be some natural softwood regeneration failure in this area. Site preparation followed by planting black spruce seedlings is the silviculture prescription for this operating area where necessary.

Primary Forest Access Road Construction:

New Construction: 4.22km

Reconstruction:

Non Timber Considerations and Mitigations: Duck Pond Mine Site.

Operating Area Name	Duck Pond Road East	Operating Area #	C-12020
NFS Inventory Map #:	8534/44/8631/41	NTS Map #:	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 generally second growth forest. The operating area contains a significant amount of young second growth forest with bogs and some small ponds scattered throughout. This operating area is north of the former Duck Pond mine and is bounded on the west by Gill's Valley road. Duck Pond Road East is located in the Central Newfoundland Ecoregion.

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:	107,093m³
Proposed 5 year commercial hardwood harvest:	500m³
Proposed 5 year domestic softwood harvest:	na
Proposed 5 year domestic hardwood harvest:	na

Silviculture Activities: It is anticipated that there may be some natural softwood regeneration failure in this area. Site preparation followed by planting black spruce seedlings is the silviculture prescription for this operating area where necessary.

Primary Forest Access Road Construction:

New Construction: 4.81km

Reconstruction:

Non Timber Considerations and Mitigations: Duck Pond Mine site. Proposed natural area.

Operating Area Name	Denny's Pond South	Operating Area #	C-12024
NFS Inventory Map #:	8522/23/33/34/43/44	NTS Map #:	12A/10

Description of Area: Denny's Pond South operating area is approximately 25 kms southwest of the community of Millertown and is accessed via the Granite Lake access road. This area was extensively harvested in the previous five year plan and the remaining timber will be harvested over the next five period. The area is dominated by pure black spruce stands with minor components of white birch, balsam fir and eastern larch. Denny's Pond South is in the Central Newfoundland Ecoregion.

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:	69,359m³
Proposed 5 year commercial hardwood harvest:	3000m³
Proposed 5 year domestic softwood harvest:	Na
Proposed 5 year domestic hardwood harvest:	Na

Silviculture Activities: It is anticipated that there may be some natural softwood regeneration failure in this area. Site preparation (preferably prescribed burning) followed by planting black spruce seedlings is the silviculture prescription for this operating area where necessary.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations: Five hundred meter managed buffer on Victoria River with a 30 meter no cut buffer from the river. Outfitting Lodge to the west of this operating area. Outfitter has been consulted. Sensitive waterfowl area.

Operating Area Name	Noel Paul South	Operating Area #	C-12030
NFS Inventory Map #:	8622/32	NTS Map #:	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 Stoney access road leaving from Grand Falls. The operating area is bounded on the west 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. The area is comprised of a mix of immature and mature forest. Noel Paul South is located in the Central Newfoundland Ecoregion however the eastern and southern part of the area begins the transition into the Maritime Barrens Ecoregion.

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:	98,908m³
Proposed 5 year commercial hardwood harvest:	200m³
Proposed 5 year domestic softwood harvest:	na
Proposed 5 year domestic hardwood harvest:	na

Silviculture Activities: It is anticipated that there may be some natural softwood regeneration failure in this area. Site preparation followed by planting black spruce seedlings is the silviculture prescription for this operating area where necessary.

Primary Forest Access Road Construction:

New Construction: 5.85km

Reconstruction:

Non Timber Considerations and Mitigations: Caribou habitat adjacent to this operating area.

Operating Area Name	Carter Lake	Operating Area #	C-12031
NFS Inventory Map #:	8621/22	NTS Map #:	12A/9

Description of Area: Carter Lake is located approximately 65 kms southwest of Grand Falls/Windsor. The operating area is accessed using the Stoney access road leaving from Grand Falls. The operating area is bounded on the west 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. The area is comprised of a mix of immature and mature forest. Carter Lake is located in the Central Newfoundland Ecoregion however the eastern and southern part of the area begins the transition into the Maritime Barrens Ecoregion.

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:	146,397m³
Proposed 5 year commercial hardwood harvest:	200m³
Proposed 5 year domestic softwood harvest:	na
Proposed 5 year domestic hardwood harvest:	na

Silviculture Activities: It is anticipated that there may be some natural softwood regeneration failure in this area. Site preparation followed by planting black spruce seedlings is the silviculture prescription for this operating area where necessary.

Primary Forest Access Road Construction:

New Construction: 10.80km

Reconstruction:

Non Timber Considerations and Mitigations: Sensitive waterfowl area.

Operating Area Name	Badger Track	Operating Area #	CC12501
NFS Inventory Map #:	7443,7444,6213,6214	NTS Map #:	12A/16, 12H/I

Description of Area: Badger Track Operating is located west of the community of Badger. The area bounded on the north by the “Trailway Provincial Park”, to the west by Catamaran Brook, to the east by the Badger Burn and to the south by a large series of bogs that run from the Badger Burn to Catamaran Brook. The area is characterized by commercial cutovers, regenerating harvest areas from previous cuts and mature timber interspersed throughout. The mature forest is comprised mostly of mixed wood stands with some pure stands of black spruce in the marshland areas. Badger Track is in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber.

Proposed 5 year commercial softwood harvest:	m^3
Proposed 5 year commercial hardwood harvest:	m^3
Proposed 5 year domestic softwood harvest:	$55m^3$
Proposed 5 year domestic hardwood harvest:	m^3

Silviculture Activities: Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest. Harvest areas are periodically monitored to ensure regeneration is satisfactory.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations: T'Railway Provincial Park; 100 meter no cut buffer on park.

Operating Area Name	Badger Burn	Operating Area #	CC12502
NFS Inventory Map #:	7433,7434,7443,7444	NTS Map #:	12A/16

Description of Area: The Badger Burn domestic harvest area is located due south of the community of Badger. The area is bounded on the east by the Exploits River and to the south by Millertown Junction road. This area is composed primarily of the area that burned during a forest fire in 1999. A significant amount of this burned area has been silviculturally treated as a vast majority of the area failed to naturally regenerate after the fire. Badger Burn is in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber.

Proposed 5 year commercial softwood harvest:	m³
Proposed 5 year commercial hardwood harvest:	m³
Proposed 5 year domestic softwood harvest:	810m³
Proposed 5 year domestic hardwood harvest:	m³

Silviculture Activities: Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest. Harvest areas are periodically monitored to ensure regeneration is satisfactory.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations: Caribou habitat

Operating Area Name	Little Red Indian	Operating Area #	CC-12503
NFS Inventory Map #:	7421,7422,7423,7431 7432,7433	NTS Map #:	12A/16

Description of Area: Little Red Indian Operating area is located approximately 25 kms south west of the Town of Badger. The area is accessed via Millertown Junction Road and a number of forest access roads that leave from the Buchan's Highway. This area has been heavily harvested and is characterized by mostly immature forest with some mature stands scattered throughout. There has been a significant amount of silviculture carried out in this area. This area will be open for the cutting of hardwoods, deadwood and blowdowns only. Little Red Indian Operating area is in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber.

Proposed 5 year commercial softwood harvest:	m³
Proposed 5 year commercial hardwood harvest:	m³
Proposed 5 year domestic softwood harvest:	m³
Proposed 5 year domestic hardwood harvest:	648m³

Silviculture Activities: Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest. Harvest areas are periodically monitored to ensure regeneration is satisfactory.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations:

Operating Area Name	Joe Glodes	Operating Area #	CC-12504
NFS Inventory Map #:	7441,7442,6211,6212	NTS Map #:	12A/16, 12H/I

Description of Area: Joe Glodes Operating area is located approximately 20 kms south west of the Town of Badger. The area is accessed via Millertown Junction Road. This area has been heavily harvested over the past forty years and is characterized by mostly immature forest with some mature stands scattered throughout. There has been a significant amount of silviculture carried out in this area. A sub section of this operating will be open for the cutting of all species, excluding red and white pine, while the rest of the area will be open for the cutting of hardwoods, deadwood and blowdowns only. Joe Glodes Operating area is in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber.

Proposed 5 year commercial softwood harvest:	m³
Proposed 5 year commercial hardwood harvest:	m³
Proposed 5 year domestic softwood harvest:	500m³
Proposed 5 year domestic hardwood harvest:	1053m³

Silviculture Activities: Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest. Harvest areas are periodically monitored to ensure regeneration is satisfactory.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations:

Operating Area Name	Warford's Ridge	Operating Area #	CC-12505
NFS Inventory Map #:	7312,7313,7314,7322,7323, 7324,7421,7334,7431,7441, 7432,7442	NTS Map #:	12A/15, 12A/16

Description of Area: Warford's Ridge is a large operating area extending from Joe Glodes Pond in the north to the town of Buchans in the south with the south eastern boundary of the area being Red Indian lake. The main point of access is the Buchans Highway and the numerous forest access roads leaving from this highway. This area has been heavily harvested over the recent past and is characterized by immature/mature forest with marshland and numerous ponds scattered throughout. There has been a significant amount of silviculture carried out in this area. The area will be open for the cutting of hardwoods, deadwood and blowdowns only. Warford's Ridge Operating area is in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber.

Proposed 5 year commercial softwood harvest:	m^3
Proposed 5 year commercial hardwood harvest:	m^3
Proposed 5 year domestic softwood harvest:	m^3
Proposed 5 year domestic hardwood harvest:	648m^3

Silviculture Activities: Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest. Harvest areas are periodically monitored to ensure regeneration is satisfactory.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations: Caribou habitat

Operating Area Name	Buchan's Junction	Operating Area #	CC-12506
NFS Inventory Map #:	7421	NTS Map #:	12A/16

Description of Area: Buchan's Junction domestic operating area is located directly adjacent to the community of Buchan's Junction and is bounded on the south by the Buchan's Highway. The area is heavily forested with some large bogs in the northern part of the area. Black spruce, eastern larch and white birch are the dominant tree species in this area. All tree species, excluding red and white pine, may be harvested in this area. Buchan's Junction operating area is located in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber.

Proposed 5 year commercial softwood harvest:	m³
Proposed 5 year commercial hardwood harvest:	m³
Proposed 5 year domestic softwood harvest:	55m³
Proposed 5 year domestic hardwood harvest:	350m³

Silviculture Activities: Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest. Harvest areas are periodically monitored to ensure regeneration is satisfactory.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations:

Operating Area Name	Buchans	Operating Area #	CC-12507
NFS Inventory Map #:	7311,7312,7321,7322	NTS Map #:	12A/15

Description of Area: Buchan's domestic operating area is west of and adjacent to the Town of Buchan's. The area is comprised of black spruce stands with some marshland scattered throughout. The dominant tree species are black spruce, white birch and eastern larch. All tree species, excluding red and white pine, may be harvested in this area. Buchan's operating area is located in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber.

Proposed 5 year commercial softwood harvest:	m³
Proposed 5 year commercial hardwood harvest:	m³
Proposed 5 year domestic softwood harvest:	3990m³
Proposed 5 year domestic hardwood harvest:	627m³

Silviculture Activities: Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest. Harvest areas are periodically monitored to ensure regeneration is satisfactory.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations: Caribou habitat, Public Water Supply Area; development permit will be obtained from Dept. of Environment and Conservation.

Operating Area Name	Skidder Brook	Operating Area #	CC-12508
NFS Inventory Map #:	7214,7311,8444,8541, 8434,8531	NTS Map #:	12A/14,12A/15, 12A/11, 12A/10

Description of Area: Skidder Brook domestic operating area is approximately 17 kms south west of the town of Buchans. The area is comprised of black spruce/balsam fir stands with marshland scattered throughout. The dominant tree species are black spruce, balsam fir, white birch and eastern larch. Harvesting in this area is restricted to residual timber left on cutovers, blowdown timber and deadwood. Skidder Brook operating area is located in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber.

Proposed 5 year commercial softwood harvest:	m³
Proposed 5 year commercial hardwood harvest:	m³
Proposed 5 year domestic softwood harvest:	3990m³
Proposed 5 year domestic hardwood harvest:	627m³

Silviculture Activities: Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest. Harvest areas are periodically monitored to ensure regeneration is satisfactory.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations:

Operating Area Name	Star Lake	Operating Area #	CC-12509
NFS Inventory Map #:	8443,8444,8433,8434, 8531,8422,8423,8423, 8424,8413	NTS Map #:	12A/11, 12A/10

Description of Area: Star Lake domestic operating area is approximately 35 kms south west of the town of Buchans and is accessed from the Star Lake Road which is on the north shore of Red Indian Lake. The area is comprised of black spruce/balsam fir stands with marshland scattered throughout. The dominant tree species are black spruce, balsam fir, white birch and eastern larch. Harvesting in this area is restricted to hardwoods, residual timber left on cutovers, blowdown timber and deadwood. There are a number of cabins in this area. Star Lake operating area is located in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber.

Proposed 5 year commercial softwood harvest:	m³
Proposed 5 year commercial hardwood harvest:	m³
Proposed 5 year domestic softwood harvest:	m³
Proposed 5 year domestic hardwood harvest:	405m³

Silviculture Activities: Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest. Harvest areas are periodically monitored to ensure regeneration is satisfactory.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations: Caribou habitat

Operating Area Name	Millertown	Operating Area #	CC-12510
NFS Inventory Map #:	7314,7411,7324,7421	NTS Map #:	12A/16, 12A/15

Description of Area: Millertown domestic operating area is east of and adjacent to the Community of Millertown. The area is comprised of black spruce, mixed wood and white birch stands with some marshland scattered throughout. The dominant tree species are black spruce, white birch and eastern larch. All tree species, excluding red and white pine, may be harvested in this area. Millertown operating area is located in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber.

Proposed 5 year commercial softwood harvest:	m³
Proposed 5 year commercial hardwood harvest:	m³
Proposed 5 year domestic softwood harvest:	3990m³
Proposed 5 year domestic hardwood harvest:	627m³

Silviculture Activities: Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest. Harvest areas are periodically monitored to ensure regeneration is satisfactory.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations: Public Water Supply Area; PWSA will be excluded from maps provided to cutting permit holders.

Operating Area Name	Sutherlands	Operating Area #	CC-12511
NFS Inventory Map #:	8531,8532,8533,8541, 8542,8543,7312,7313	NTS Map #:	12A/15, 12A/10

Description of Area: Sutherlands Operating area is approximately 20 kms south of the community of Millertown and is accessed by the Red Indian Lake South Side Access Road. The area is bounded on the west by Red Indian Lake and to the east by Victoria River. The forest is comprised primarily of black spruce/balsam fir stands with a lesser component of eastern larch and white birch. This area will be open for the cutting of hardwoods, deadwood and blowdowns only. Sutherlands is located in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber.

Proposed 5 year commercial softwood harvest:	m^3
Proposed 5 year commercial hardwood harvest:	m^3
Proposed 5 year domestic softwood harvest:	m^3
Proposed 5 year domestic hardwood harvest:	$100m^3$

Silviculture Activities: Harvest areas are periodically monitored to ensure regeneration is satisfactory. Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations: None

Operating Area Name	Selby's Pond	Operating Area #	CC-12513
NFS Inventory Map #:	8523,8524,8534,8544	NTS Map #:	12A/10

Description of Area: Selby's Pond Operating area is approximately 17 kms south east of the community of Millertown. The area is bounded on the east by Harpoon Brook, to the west by granite Lake access road and to the north by Duck Pond Mine Road. This area has been heavily harvested and is characterized by mostly immature forest with some mature stands scattered throughout. The forest is comprised primarily of black spruce stands with a lesser component of balsam fir. There is a significant number of cabins in this area. Selby's Pond is located in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber. Harvesting in this area is restricted to residual timber left on cutovers, blowdown timber and deadwood.

Proposed 5 year commercial softwood harvest:	m^3
Proposed 5 year commercial hardwood harvest:	m^3
Proposed 5 year domestic softwood harvest:	m^3
Proposed 5 year domestic hardwood harvest:	405m^3

Silviculture Activities: Harvest areas are periodically monitored to ensure regeneration is satisfactory. Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations: None

Operating Area Name	Harbour Round	Operating Area #	CC-12514
NFS Inventory Map #:	8531,8532,8424,8521, 8522,8414,8511	NTS Map #:	12A/10, 12A/11

Description of Area: Harbour Round Operating area is located east of Red Indian Lake and is bounded on the east by Victoria River. This area has been heavily harvested over the past and is characterized by mostly immature forest with some mature stands scattered throughout. There has been a significant amount of silviculture carried out in this area. The forest is comprised primarily of black spruce stands with some white birch stands throughout. This area will provide local cabin owners an area to obtain fuelwood . Harbour Round is located in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber. Harvesting in this area is restricted to residual timber left on cutovers, blowdown timber and deadwood.

Proposed 5 year commercial softwood harvest:	m^3
Proposed 5 year commercial hardwood harvest:	m^3
Proposed 5 year domestic softwood harvest:	m^3
Proposed 5 year domestic hardwood harvest:	$81m^3$

Silviculture Activities: Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest. Harvest areas are periodically monitored to ensure regeneration is satisfactory.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations: 100 Meter no harvest buffer on Victoria River.

Operating Area Name	Costigan	Operating Area #	CC-12515
NFS Inventory Map #:	8424,8413,8414,8511, 9744,9841,	NTS Map #:	12A/6,12A/7 12A/11,12A/10

Description of Area: Costigan Operating area is located east of the southern end of Red Indian Lake. This area has been heavily harvested over the past and is characterized by mostly immature forest with some mature stands scattered throughout. There has been a significant amount of silviculture carried out in this area. The forest is comprised primarily of black spruce stands with some white birch stands throughout. This area will provide local cabin owners an area to obtain fuelwood. Costigan is located in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber. Harvesting in this area is restricted to residual timber left on cutovers, blowdown timber and deadwood.

Proposed 5 year commercial softwood harvest:	m³
Proposed 5 year commercial hardwood harvest:	m³
Proposed 5 year domestic softwood harvest:	m³
Proposed 5 year domestic hardwood harvest:	81m³

Silviculture Activities: Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest. Harvest areas are periodically monitored to ensure regeneration is satisfactory.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations:

Operating Area Name	Quinn Lake	Operating Area #	CC-12516
NFS Inventory Map #:	8511,8512,9744,9841, 9842,9734,9831	NTS Map #:	12A/6, 12A/7 12A/10

Description of Area: Quinn Lake Operating area is located 42 kms south of Millertown, is bounded on the west by Victoria River and Quinn lake is at the center of the area. This area is characterized by immature forest with some mature stands scattered throughout. The forest is comprised primarily of black spruce stands with some white birch stands throughout. This area will provide local cabin owners an area to obtain fuelwood . Quinn Lake is located in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber. Harvesting in this area is restricted to residual timber left on cutovers, blowdown timber and deadwood.

Proposed 5 year commercial softwood harvest:	m^3
Proposed 5 year commercial hardwood harvest:	m^3
Proposed 5 year domestic softwood harvest:	m^3
Proposed 5 year domestic hardwood harvest:	405m^3

Silviculture Activities: Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest. Harvest areas are periodically monitored to ensure regeneration is satisfactory.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations: 100 Meter no harvest buffer on Victoria River.

Operating Area Name	Snowshoe Lake	Operating Area #	CC-12517
NFS Inventory Map #:	9812,9821,9822,9823, 9832,9833	NTS Map #:	12A/7

Description of Area: Snowshoe Lake Operating area is approximately 50 kms south of the community of Millertown and is accessed by the Granite Lake Access Road. The forest is comprised primarily of black spruce/balsam fir stands with a lesser component of eastern larch and white birch. This area will be open for the cutting of hardwoods, deadwood and blowdowns only. Snowshoe Lake is located in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber.

Proposed 5 year commercial softwood harvest:	m^3
Proposed 5 year commercial hardwood harvest:	m^3
Proposed 5 year domestic softwood harvest:	m^3
Proposed 5 year domestic hardwood harvest:	$81m^3$

Silviculture Activities: Harvest areas are periodically monitored to ensure regeneration is satisfactory. Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations:

Operating Area Name	Rogerson Lake	Operating Area #	CC-12518
NFS Inventory Map #:	8512,8513,9842,9843	NTS Map #:	12A/10, 12A/7

Description of Area: Rogerson Operating area is located east of Rogerson Lake and is accessed by the Quinn Lake access road. This area has been heavily harvested over the past and is characterized by immature and mature forest stands scattered throughout. There has been a significant amount of silviculture carried out in this area. The forest is comprised primarily of black spruce and balsam fir stands with some white birch stands throughout. This area will provide local cabin owners an area to obtain fuelwood . Rogerson operating area is located in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber. Harvesting in this area is restricted to residual timber left on cutovers, blowdown timber and deadwood.

Proposed 5 year commercial softwood harvest:	m³
Proposed 5 year commercial hardwood harvest:	m³
Proposed 5 year domestic softwood harvest:	m³
Proposed 5 year domestic hardwood harvest:	243m³

Silviculture Activities: Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest. Harvest areas are periodically monitored to ensure regeneration is satisfactory.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations:

Operating Area Name	Lake Ambrose	Operating Area #	CC-12519
NFS Inventory Map #:	8523,8524,8513,8514	NTS Map #:	12A/10

Description of Area: Lake Ambrose Operating area is located on the east and west sides of Lake Ambrose and is accessed by the Granite Lake access road. This area has been heavily harvested over the past and is characterized by immature and mature forest stands scattered throughout. There has been a significant amount of silviculture carried out in this area. The forest is comprised primarily of black spruce and balsam fir stands with some white birch stands throughout. This area will provide local cabin owners an area to obtain fuelwood. Lake Ambrose operating area is located in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber. Harvesting in this area is restricted to residual timber left on cutovers, blowdown timber and deadwood.

Proposed 5 year commercial softwood harvest:	m³
Proposed 5 year commercial hardwood harvest:	m³
Proposed 5 year domestic softwood harvest:	m³
Proposed 5 year domestic hardwood harvest:	500 m³

Silviculture Activities: Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest. Harvest areas are periodically monitored to ensure regeneration is satisfactory.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations:

Operating Area Name	303 Pond	Operating Area #	CC-12520
NFS Inventory Map #:	8544,8641,7411	NTS Map #:	12A/16,12A/10,12A/9

Description of Area: 303 Pond Operating area is approximately 17kms south east of the community of Millertown. This area has been heavily harvested over the past forty years and is characterized by mostly immature forest with some mature stands scattered throughout. There has been a significant amount of silviculture carried out in this area. The forest is comprised primarily of black spruce stands with some white birch stands throughout. 303 Pond is located in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber. Harvesting in this area is restricted to residual timber left on cutovers, blowdown timber and deadwood.

Proposed 5 year commercial softwood harvest:	m^3
Proposed 5 year commercial hardwood harvest:	m^3
Proposed 5 year domestic softwood harvest:	m^3
Proposed 5 year domestic hardwood harvest:	810m^3

Silviculture Activities: Harvest areas are periodically monitored to ensure regeneration is satisfactory. Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest. Harvest areas are periodically monitored to ensure regeneration is satisfactory.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations: None

Operating Area Name	Noel Paul	Operating Area #	CC-12521
NFS Inventory Map #:	7411,7412,7422	NTS Map #:	12A/16

Description of Area: Noel Paul Operating area is approximately 18kms north east of the community of Millertown. This area has been heavily harvested and is characterized by mostly immature forest with some mature stands scattered throughout. The forest is comprised primarily of black spruce stands with some significant white birch stands throughout. This area will be open for the cutting of hardwoods, deadwood and blowdowns only. Noel Paul is located in the Central Newfoundland Ecoregion.

Harvesting Activities: Domestic wood harvesting is usually carried out during winter months utilizing chainsaws with the timber being extracted using over snow vehicles. There is some harvesting during non winter months using ATV's to extract the timber. Harvesting in this area is restricted to residual timber left on cutovers, blowdown timber and deadwood.

Proposed 5 year commercial softwood harvest:	m^3
Proposed 5 year commercial hardwood harvest:	m^3
Proposed 5 year domestic softwood harvest:	m^3
Proposed 5 year domestic hardwood harvest:	405m^3

Silviculture Activities: Harvest areas are periodically monitored to ensure regeneration is satisfactory. Generally, natural regeneration, following domestic wood harvesting is successful in producing a viable future forest. Harvest areas are periodically monitored to ensure regeneration is satisfactory.

Primary Forest Access Road Construction:

New Construction: 0.0km

Reconstruction:

Non Timber Considerations and Mitigations: None

Operating Area Name: Peter Strides	Operating Area #: c13501 a, b and c
NFS Inventory Map #:	NTS Map #:

Description of Area:

This area of crown land is located adjacent to Peter Strides Lake and the Burgeo Highway (Route 480). The terrain in this area is generally undulating open scrubland. The forest in this area is transitioning to open, scrub and barrens. The area is located within the Portage Pond Sub-region of the Central NL Forest Eco-region.

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

- (1) The Peter Strides 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.

Harvesting Activities:

This area will be harvested exclusively for domestic purposes. Wood will be harvested using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year domestic softwood harvest: 1,500m³
 Proposed 5 year domestic hardwood harvest: 1,500m³

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:

None

Non Timber Considerations And Mitigations:

A minimum 20 meter buffer will be maintained on streams and water bodies as indicated on the operating map.

A 100 meter no cut buffer will be maintained along Route 480 – Burgeo Highway

A 20 m buffer will be established around remote cabins.

Otherwise no concerns.

Operating Area Name: Portage Lake	Operating Area #: c13502
NFS Inventory Map #:	NTS Map #:

Description of Area:

This area of crown land is located between Portage Lake and Lloyd's Lake and runs to the southwest just south of Sullivans Lake. 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 Portage Pond Sub-region of the Central NL Forest Eco-region.

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

- (1) The Portage Lake 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.

Harvesting Activities:

This area will be harvested exclusively for domestic purposes. Wood will be harvested using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year domestic softwood harvest: 500m³
 Proposed 5 year domestic hardwood harvest: 1,500m³

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:

None

Non Timber Considerations And Mitigations:

A minimum 20 meter buffer will be maintained on streams and water bodies as indicated on the operating map.

A 20 m buffer will be established around remote cabins.

Also, a 20 m buffer is established on NLSF Trails.

Otherwise no concerns.

Operating Area Name: Red Indian	Operating Area #: c13503
NFS Inventory Map #:	NTS Map #:

Description of Area:

This area of crown land is located to the south southwest of Red Indian Lake. 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) The Red Indian 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.

Harvesting Activities:

This area will be harvested exclusively for domestic purposes. Wood will be harvested using chainsaws with extraction by snowmobile or ATV.

Proposed 5 year domestic softwood harvest: 500m³
 Proposed 5 year domestic hardwood harvest: 1,500m³

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:

None

Non Timber Considerations And Mitigations:

A minimum 20 meter buffer will be maintained on streams and water bodies as indicated on the operating map.

A 20 m buffer will be established around remote cabins.

Also, a 20 m buffer is established on NLSF Trails.

Otherwise no concerns.

Operating Area Name: Hospital Pond	Operating Area #: c13001
NFS Inventory Map #: 9821, 9822, 9831, 9832, 9842	NTS Map #: 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.

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** m³

Proposed 5 year commercial hardwood volume: **6545** m³

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:

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

Non Timber Considerations And Mitigations:

A minimum 20 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

Operating Area Name: Red Indian	Operating Area #: c13502
NFS Inventory Map #:	NTS Map #:

Description of Area:

This area of crown land is located to the south southwest of Red Indian Lake. 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) The Red Indian 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.

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: **7074** m³

Proposed 5 year commercial hardwood volume: **3300** m³

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:

None

Non Timber Considerations And Mitigations:

A minimum 20 meter buffer will be maintained on streams and water bodies as indicated on the operating map.

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