

Operating Area Name: Andrew's Pond	Operating Area # CC02059
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located just northwest of Clarenville in Forest Management District 02 (FMD02). All harvesting areas are located in the Northcentral Subregion of the Central Newfoundland Forest Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 31,325 m³

Proposed Softwood Volume: 35,717 m³

Proposed Hardwood Volume: 3,080 m³

Difference from Inventory to Proposed Volume: 14 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 6.3 km of New Construction

Proposed 5 year stream crossings: 1 Bridge

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Goobies	Operating Area # CC02001
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located near Goobies just southeast of Clarendville in Forest Management District 02 (FMD02). This harvesting area is located in the Northeast Barrens Subregion of the Maritime Barrens Ecoregion. The terrain is rugged and access to forest stands is limited, primarily due to coastal slopes.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 3860 m³
Proposed Softwood Volume: 3,860 m³
Proposed Hardwood Volume: 176 m³

Difference from Inventory to Proposed Volume: 0%

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: None

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: This commercial operating area overlaps with an approved agriculture area of interest.

Operating Area Name: Bakeapple Bog	Operating Area # CC02045
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located northwest of Jamestown, Bonavista Bay in Forest Management District 02 (FMD02.) This is located in the North Shore Forest Ecoregion. The terrain is rugged and access to forest stands is limited.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 28,680 m³

Proposed Softwood Volume: 13,158 m³

Proposed Hardwood Volume: 3,277 m³

Difference from Inventory to Proposed Volume: -54%

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 4.8 km of New Construction

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Barton	Operating Area # CC02022
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located north of Smith's Sound, Trinity Bay near Big Pond in Forest Management District 02 (FMD02). It falls within the transition zone of three different ecoregions namely, the Central Newfoundland Forest, the North Shore Forest and the Maritime Barrens. The terrain is relatively flat becoming more rugged in the southeast.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 1,294 m³

Proposed Softwood Volume: 771 m³

Proposed Hardwood Volume: 24 m³

Difference from Inventory to Proposed Volume: -40 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: None

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to

occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Beaver Pond	Operating Area # CC02009
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located near Beaver Pond just southwest of Clarenville in Forest Management Disitric 02 (FMD02). It is located in the Northcentral Subregion of the Central Newfoundland Ecoregion. The terrain is rugged and access to forest stands is limited.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 34,485 m³

Proposed Softwood Volume: 19,343 m³

Proposed Hardwood Volume: 1,179 m³

Difference from Inventory to Proposed Volume: -44 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: None

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: **Protected Road Zone:** Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year; **Viewscope Interest:** Harvesting will be restricted on

slopes highly visible from the T'railway; **Provincial T'Railway:** A portion of the T'railway (7.0 km between Northwest Brook Access Road and Beaver Pond Access Road) will be used for timber extraction from operating area, no extraction will occur during periods when the Newfoundland and Labrador Snowmobile Federation is in operation. Pursuant to *Section 10* of the *Provincial Parks Regulations* the Forestry and Wildlife Branch will request a permit to access the T'Railway prior to any harvesting operations. There will be no cutting within **100 metres** of the Provincial T'Railway; **Outfitters:** In this operating area, the Forestry and Wildlife Branch will work with Outfitters and Harvesters to accommodate hunting/harvesting schedules.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Black Bay	Operating Area # CC02056
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located near the mid point of the Bonavista Peninsula along the road from Hodderville to Amherst Cove, Bonavista Bay in Forest Management District 02 (FMD02). It is located in the Northeastern Barrens Subregion of the Maritime Barrens. The terrain is rugged and access to forest stands is limited.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 20,608 m³
Proposed Softwood Volume: 15,141 m³
Proposed Hardwood Volume: 1,723 m³

Difference from Inventory to Proposed Volume: -27 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 2.6 km of New Construction
Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31)

and **200 metres** during the remainder of the year; **Highway Viewscapes:** The Forestry and Wildlife Branch, where operationally feasible, will implement strategies to provide a balance between forest harvesting and the non-timber values identified by Tourism in the operating area. At a minimum, the Forest Service will maintain a **100 metre** no cut buffer along all highways.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Bloomfield Access Road	Operating Area # CC02031
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located near the community of Lethbridge, Bonavista Bay in Forest Mangement District 02 (FMD02). It is located in the Northcentral Subregion of the Central Newfoundland Ecoregion. The terrain is rugged.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 5,596 m³

Proposed Softwood Volume: 2,167 m³

Proposed Hardwood Volume: 119 m³

Difference from Inventory to Proposed Volume: -61%

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: None

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Blue Gull Pond	Operating Area # CC02042
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located along the Bonavista Highway between Charleston and Trinity in Forest Management District 02 (FMD02). It is located in the North Shore Forest Ecoregion. The terrain is rugged and access to forest stands is limited.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 4,569 m³

Proposed Softwood Volume: 2,808 m³

Proposed Hardwood Volume: 52 m³

Difference from Inventory to Proposed Volume: -39 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: None

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year; **Highway Viewscapes:** The Forestry and Wildlife

Branch, where operationally feasible, will implement strategies to provide a balance between forest harvesting and the non-timber values identified by Tourism. At a minimum, the Forestry and Wildlife Branch will maintain a **100 metre** no cut buffer along all highways.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Branches Pond Access Road	Operating Area # CC02033
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located near the community of Bunyan's Cove in Clode Sound, Bonavista Bay in Forest Mangement District 02 (FMD02). It is located in the Northcentral Subregion of the Central Newfoundland Ecoregion. The terrain is rugged and access to forest stands is limited.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 35,834 m³
Proposed Softwood Volume: 17,997 m³
Proposed Hardwood Volume: 2,974 m³

Difference from Inventory to Proposed Volume: -50 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 3.0 km of New Construction
Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31)

and **200 metres** during the remainder of the year; **Terra Nova National Park:** Viewscape preservation principles will be used when planning harvest in this operating area where harvesting would be visible from particular vantage points of Terra Nova National Park. Harvesting will be restricted on slopes highly visible from Terra Nova National Park.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Burnt Point	Operating Area # CC02003
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located on Random Island in Forest Management District 02 (FMD02). All harvesting areas are located in the Northeastern Barrens Subregion of the Maritime Barrens Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 13,036 m³
Proposed Softwood Volume: 18,930 m³
Proposed Hardwood Volume: 2,078 m³

Difference from Inventory to Proposed Volume: -8%

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: None

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to

occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Camp Pond	Operating Area # CC02060
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located just northwest of Clarenville in Forest Management District 02 (FMD02). All harvesting areas are located in the Northcentral Subregion of the Central Newfoundland Forest Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 3,290 m³

Proposed Softwood Volume: 4,136 m³

Proposed Hardwood Volume: 257 m³

Difference from Inventory to Proposed Volume: 26 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: None

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Chance Harbour	Operating Area # CC02046
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located northwest of Jamestown, Bonavista Bay in Forest Management District 02 (FMD02.) This is located in the North Shore Forest Ecoregion. The terrain is rugged and access to forest stands is limited.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 28,323 m³

Proposed Softwood Volume: 15,216 m³

Proposed Hardwood Volume: 1,907 m³

Difference from Inventory to Proposed Volume: -46 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 2.8 km of New Construction

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Charleston	Operating Area # CC02047
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located north of the Bonavista Highway between Lethbridge and Charleston on the Bonavista Peninsula in Forest Management District 02 (FMD02). It is located in the Northshore Forest Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 61,833 m³

Proposed Softwood Volume: 28,252 m³

Proposed Hardwood Volume: 3,971 m³

Difference from Inventory to Proposed Volume: -54 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 3.9 km of New Construction

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: **Protected Road Zone:** Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year; **Highway Viewscapes:** The Forestry and Wildlife

Branch, where operationally feasible, will implement strategies to provide a balance between forest harvesting and the non-timber values identified by Tourism. At a minimum, the Forestry and Wildlife Branch will maintain a **100 metre** no cut buffer along all highways.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Clarenville	Operating Area # CC02010
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located just northwest of Clarenville in Forest Management District 02 (FMD02). All harvesting areas are located in the Northcentral Subregion of the Central Newfoundland Forest Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 36,002 m³

Proposed Softwood Volume: 37,452 m³

Proposed Hardwood Volume: 4,178 m³

Difference from Inventory to Proposed Volume: 4 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: None

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Dalton's Pond	Operating Area # CC02037
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located west of Lethbridge on the Bonavista Peninsula in Forest Management District 02 (FMD02). It is located in the North Shore Forest Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 22,062 m³

Proposed Softwood Volume: 12,189 m³

Proposed Hardwood Volume: 1,170 m³

Difference from Inventory to Proposed Volume: -45 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 3.6 km of New Construction

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Deep Bight	Operating Area # CC02058
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located just east of the community of Deep Bight in Forest Management District 02 (FMD02). It is located in the Central Newfoundland Forest Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 25,138 m³

Proposed Softwood Volume: 43,996 m³

Proposed Hardwood Volume: 4,885 m³

Difference from Inventory to Proposed Volume: 75 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 1.0 km of New Construction

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Foster's Marsh	Operating Area # CC02005
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located on Random Island in Forest Management District 02 (FMD02). All harvesting areas are located in the Northeastern Barrens Subregion of the Maritime Barrens Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 15,377 m³

Proposed Softwood Volume: 23,810 m³

Proposed Hardwood Volume: 2,375 m³

Difference from Inventory to Proposed Volume: 55%

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 3.0 km of New Construction

Proposed 5 year stream crossings: 1 Bridge

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: George's Brook	Operating Area # C02021
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located just northwest of George's Brook-Milton in Forest Management District 02 (FMD02). All harvesting areas are located in the Northcentral Subregion of the Central Newfoundland Forest Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 4,963 m³

Proposed Softwood Volume: 6,074 m³

Proposed Hardwood Volume: 630 m³

Difference from Inventory to Proposed Volume: 22 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 1.8 km of New Construction

Proposed 5 year stream crossings: 1 Bridge

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: George's Pond	Operating Area # CC02017
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located just northwest of George's Brook-Milton in Forest Management District 02 (FMD02). It is in the Northcentral Subregion of the Central Newfoundland Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 6,083 m³

Proposed Softwood Volume: 4,273 m³

Proposed Hardwood Volume: 211 m³

Difference from Inventory to Proposed Volume: -30 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 1.0 km of New Construction

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: **Protected Road Zone:** Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year; **Protected Public Water Supply Areas:** Road

construction, harvesting and silviculture all constitute development within a PPWSA and will be conducted under permit from the Water Resources Division of the Department of Environment and Climate Change, in consultation with the appropriate Municipal Council or Local Service District. Mitigating measures prescribed within permits will be adhered to.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Harcourt Access Road	Operating Area # CC02023
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located north of Smith's Sound, Trinity Bay near Big Pond in Forest Management District 02 (FMD02). It falls within the transition zone of three different ecoregions namely, the Central Newfoundland Forest, the North Shore Forest and the Maritime Barrens. The terrain is relatively flat becoming more rugged in the southeast.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 18,054 m³
Proposed Softwood Volume: 10,642 m³
Proposed Hardwood Volume: 818 m³

Difference from Inventory to Proposed Volume: -41 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 4.3 km of New Construction
Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin. In addition there will be no cutting within **150 metres** of Long Pond and Oates Pond; **Raptor Nest:** No forestry activity is to occur within **800**

metres of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year;

Agriculture Area of Interest Overlap: This commercial operating area overlaps with an approved agriculture area of interest.

Operating Area Name: Hatchet Cove	Operating Area # CC02002
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located near Hatchet Cove just southeast of Clarenville in Forest Management District 02 (FMD02). This harvesting area is located in the Northeast Barrens Subregion of the Maritime Barrens Ecoregion. The terrain is rugged and access to forest stands is limited, primarily due to coastal slopes.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 1,455 m³
Proposed Softwood Volume: 10,642 m³
Proposed Hardwood Volume: 818 m³

Difference from Inventory to Proposed Volume: 632%

Rationale for Difference: Inventory/blocking adjustment from woods supply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 1.5 km of New Construction
Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown

on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Hickman's Harbour Road	Operating Area # CC02006
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located on Random Island in Forest Management District 02 (FMD02). All harvesting areas are located in the Northeastern Barrens Subregion of the Maritime Barrens Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 1,264 m³
Proposed Softwood Volume: 18,756 m³
Proposed Hardwood Volume: 740 m³

Difference from Inventory to Proposed Volume: 1384%
Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 0.85 km of New Construction
Proposed 5 year stream crossings:

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Island Pond	Operating Area # CC02030
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located north of Smith's Sound, Trinity Bay near Big Pond in Forest Management District 02 (FMD02). It falls within the transition zone of three different ecoregions namely, the Central Newfoundland Forest, the North Shore Forest and the Maritime Barrens. The terrain is relatively flat becoming more rugged in the southeast.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 3,238 m³
Proposed Softwood Volume: 1,322 m³
Proposed Hardwood Volume: 109 m³

Difference from Inventory to Proposed Volume: -59 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: None
Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to

occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Jack's Pond	Operating Area # CC02024
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located near Pope's Harbour Pond on the north side of Smith's Sound, Trinity Bay in Forest Management District 02 (FMD02). The operating area is located on the Northeastern Barrens Subregion of the Maritime Barrens Ecoregion. The terrain is rugged and access to forest stands is limited.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 1,301 m³
Proposed Softwood Volume: 1,237 m³
Proposed Hardwood Volume: 67 m³

Difference from Inventory to Proposed Volume: -5 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: None

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to

occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Muddy Hole Brook	Operating Area # C02020
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located just northwest of Clarenville in Forest Management District 02 (FMD02). All harvesting areas are located in the Northcentral Subregion of the Central Newfoundland Forest Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 21,479 m³

Proposed Softwood Volume: 10,988 m³

Proposed Hardwood Volume: 1461 m³

Difference from Inventory to Proposed Volume: -49 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 2.9 km of New Construction

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: **Protected Road Zone:** Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year; **Protected Public Water Supply Areas:** Road

construction, harvesting and silviculture all constitute development within a PPWSA and will be conducted under permit from the Water Resources Division of the Department of Environment and Climate Change, in consultation with the appropriate Municipal Council or Local Service District. Mitigating measures prescribed within permits will be adhered to.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: New Country	Operating Area # CC02036
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located west of Lethbridge on the Bonavista Peninsula in Forest Management District 02 (FMD02). It is located in the North Shore Forest Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 17,516 m³

Proposed Softwood Volume: 9,923 m³

Proposed Hardwood Volume: 869 m³

Difference from Inventory to Proposed Volume: -43 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: None

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: **Protected Road Zone:** Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year; **Highway Viewscapes:** The Forestry and Wildlife

Branch, where operationally feasible, will implement strategies to provide a balance between forest harvesting and the non-timber values identified by Tourism in this operating area. At a minimum, the Forestry and Wildlife Branch will maintain a **100 metre** no cut buffer along all highways.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: North Brook	Operating Area # CC02032
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located near the community of Bunyan's Cove in Clode Sound, Bonavista Bay in Forest Mangement District 02 (FMD02). It is located in the Northcentral Subregion of the Central Newfoundland Ecoregion. The terrain is rugged and access to forest stands is limited.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 5,166 m³
Proposed Softwood Volume: 2,167 m³
Proposed Hardwood Volume: 119 m³

Difference from Inventory to Proposed Volume: -61 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 2.3 km of New Construction
Proposed 5 year stream crossings: 1 Bridge

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to

occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: This commercial operating area overlaps with an approved agriculture area of interest.

Operating Area Name: Northwest Brook	Operating Area # CC02008
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located near Beaver Pond just southwest of Clarenville in Forest Management Disitric 02 (FMD02). It is located in the Northcentral Subregion of the Central Newfoundland Ecoregion. The terrain is rugged and access to forest stands is limited.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 49 m³
Proposed Softwood Volume: 5,024 m³
Proposed Hardwood Volume: 2,575 m³

Difference from Inventory to Proposed Volume: 10,248%
Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: None
Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Nut Cove	Operating Area # CC02025
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located near Pope's Harbour Pond on the north side of Smith's Sound, Trinity Bay in Forest Management District 02 (FMD02). The operating area is located on the Northeastern Barrens Subregion of the Maritime Barrens Ecoregion. The terrain is rugged and access to forest stands is limited.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 2,081 m³
Proposed Softwood Volume: 3,290 m³
Proposed Hardwood Volume: 373 m³

Difference from Inventory to Proposed Volume: 58 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: None

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: **Protected Road Zone:** Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to

occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Plate Cove Access Road	Operating Area # CC02051
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located near the mid point of the Bonavista Peninsula on the northwest side, between Plate Cove and King's Cove in Forest Management District 02 (FMD02). It is located in the North Shore Forest Ecoregion. The terrain is rugged and access to forest stands is limited.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 226,359 m³

Proposed Softwood Volume: 198,726 m³

Proposed Hardwood Volume: 9,131 m³

Difference from Inventory to Proposed Volume: -12 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 18.4 km of New Construction

Proposed 5 year stream crossings: 1 Bridge

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Port Blandford Access Road	Operating Area # CC02015
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located just northeast of Port Blandford in Forest Management District 02 (FMD02). It is in the Northcentral Subregion of the Central Newfoundland Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 7,476 m³
Proposed Softwood Volume: 11,910 m³
Proposed Hardwood Volume: 978 m³

Difference from Inventory to Proposed Volume: 59 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 1.2 km of New Construction
Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year; **Viewscape Interest:** In this operating area, harvesting

will be restricted on slopes highly visible from the Trans Canada Highway and the Town of Port Blandford; **Terra Nova National Park:** Viewscape preservation principles will be used when planning harvest in this operating area, where harvesting could be visible from particular vantage points in Terra Nova National Park;

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Portland	Operating Area # CC02043
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located north of the Bonavista Highway between Lethbridge and Charleston on the Bonavista Peninsula in Forest Management District 02 (FMD02). It is located in the Northshore Forest Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 51,304 m³

Proposed Softwood Volume: 26,106 m³

Proposed Hardwood Volume: 8,289 m³

Difference from Inventory to Proposed Volume: -49 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 3.4 km of New Construction

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Princeton Pond	Operating Area # CC02041
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located along the Bonavista Highway between Charleston and Trinity in Forest Management District 02 (FMD02). It is located in the North Shore Forest Ecoregion. The terrain is rugged and access to forest stands is limited.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 41,444 m³

Proposed Softwood Volume: 26,472 m³

Proposed Hardwood Volume: 1,637 m³

Difference from Inventory to Proposed Volume: -36 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 2.2 km of New Construction

Proposed 5 year stream crossings: 1 Bridge

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31)

and **200 metres** during the remainder of the year; **Viewscape Interest:** In this operating area, harvesting will be restricted on slopes highly visible from the Princeton Pond Cabin Area.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Rattle Falls	Operating Area # CC02040
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located along the Bonavista Highway between Charleston and Trinity in Forest Management District 02 (FMD02). It is located in the North Shore Forest Ecoregion. The terrain is rugged and access to forest stands is limited.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 20,330 m³

Proposed Softwood Volume: 14,702m³

Proposed Hardwood Volume: 526 m³

Difference from Inventory to Proposed Volume: -28 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 1.0 km of New Construction

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year; **Viewscape Interest:** In this operating area harvesting

will be restricted on slopes highly visible from the Bonavista Peninsula Highway. At a minimum, the Forestry and Wildlife Branch will maintain a **100 metre** no cut buffer along all highways.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Rocky Pond	Operating Area # CC02038
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located west of Lethbridge on the Bonavista Peninsula in Forest Management District 02 (FMD02). It is located in the North Shore Forest Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 14,846 m³

Proposed Softwood Volume: 8,992m³

Proposed Hardwood Volume: 2,149 m³

Difference from Inventory to Proposed Volume: -39 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 4.7 km of Reconstruction of Old Railbed

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Shoal Harbour Pond	Operating Area # CC02012
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located just northwest of Clarenville in Forest Management District 02 (FMD02). All harvesting areas are located in the Northcentral Subregion of the Central Newfoundland Forest Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 94,829 m³

Proposed Softwood Volume: 91,924 m³

Proposed Hardwood Volume: 8,576 m³

Difference from Inventory to Proposed Volume: -3 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 10.5 km of New Construction

Proposed 5 year stream crossings: 2 Bridges

Non timber Considerations and Mitigations: **Protected Road Zone:** Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year; **Provincial T'Railway:** There will be no cutting within

100 metres of the Provincial T'Railway; **Protected Public Water Supply Areas:** Road construction, harvesting and silviculture all constitute development within a PPWSA and will be conducted under permit from the Water Resources Division of the Department of Environment and Climate Change, in consultation with the appropriate Municipal Council or Local Service District. Mitigating measures prescribed within permits will be adhered to.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Shoal Harbour Valley	Operating Area # CC02019
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located just northwest of Clarenville in Forest Management District 02 (FMD02). All harvesting areas are located in the Northcentral Subregion of the Central Newfoundland Forest Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 5,877 m³

Proposed Softwood Volume: 5,326 m³

Proposed Hardwood Volume: 533 m³

Difference from Inventory to Proposed Volume: -9 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 1.2 km of New Construction

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: **Protected Road Zone:** Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year; **Protected Public Water Supply Areas:** Road

construction, harvesting and silviculture all constitute development within a PPWSA and will be conducted under permit from the Water Resources Division of the Department of Environment and Climate Change, in consultation with the appropriate Municipal Council or Local Service District. Mitigating measures prescribed within permits will be adhered to.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Snook's Harbour	Operating Area # CC02004
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located on Random Island in Forest Management District 02 (FMD02). All harvesting areas are located in the Northeastern Barrens Subregion of the Maritime Barrens Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 4,564 m³

Proposed Softwood Volume: 4,219 m³

Proposed Hardwood Volume: 451 m³

Difference from Inventory to Proposed Volume: -8%

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: None

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Southwest River Valley	Operating Area # CC02014
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located just south of Port Blandford in Forest Management District 02 (FMD02). It is in the Northcentral Subregion of the Central Newfoundland Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 120,448 m³

Proposed Softwood Volume: 115,163m³

Proposed Hardwood Volume: 5,450 m³

Difference from Inventory to Proposed Volume: -4 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 4.5 km of New Construction

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year; **Viewscope Interest:** In this operating area, harvesting

will be restricted on slopes highly visible from the Trans Canada Highway and the Town of Port Blandford; **Terra Nova National Park:** Viewscape preservation principles will be used when planning harvest in this operating area, where harvesting would be visible from particular vantage points in Terra Nova National Park; **Highway Viewscapes:** The Forestry and Wildlife Branch, where operationally feasible, will implement strategies to provide a balance between forest harvesting and the non-timber values identified by Tourism. At a minimum, the Forestry and Wildlife Branch will maintain a **100 metre** no cut buffer along all highways.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Stock Cove Access Road	Operating Area # CC02052
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located near the mid point of the Bonavista Peninsula on the northwest side, between Plate Cove and King's Cove in Forest Management District 02 (FMD02). It is located in the North Shore Forest Ecoregion. The terrain is rugged and access to forest stands is limited.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 45,044 m³

Proposed Softwood Volume: 32,480 m³

Proposed Hardwood Volume: 1,836 m³

Difference from Inventory to Proposed Volume: -28 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 5 km of New Construction

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Terra Nova South	Operating Area # CC02057
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located just south of the Town of Terra Nova in Forest Management District 02 (FMD02). It is located in the Northcentral Subregion of the Central Newfoundland Forest Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 21,558 m³

Proposed Softwood Volume: 7,744 m³

Proposed Hardwood Volume: 284 m³

Difference from Inventory to Proposed Volume: -64 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: None

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Thorburn Lake North	Operating Area # CC02016
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located just south of Port Blandford in Forest Management District 02 (FMD02). It is in the Northcentral Subregion of the Central Newfoundland Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 3,114 m³

Proposed Softwood Volume: 5,420 m³

Proposed Hardwood Volume: 476 m³

Difference from Inventory to Proposed Volume: 74 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: None

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year; **Viewscape Interest:** In this operating area, harvesting

will be restricted on slopes highly visible from the Trans Canada Highway and the Town of Port Blandford;

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Thorburn Lake South	Operating Area # CC02013
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located just northwest of Clarenville in Forest Management District 02 (FMD02). All harvesting areas are located in the Northcentral Subregion of the Central Newfoundland Forest Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 10,240 m³

Proposed Softwood Volume: 10,355 m³

Proposed Hardwood Volume: 433 m³

Difference from Inventory to Proposed Volume: 1 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: None

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year; **Provincial T'Railway:** There will be no cutting within

100 metres of the Provincial T'Railway; **Protected Public Water Supply Areas:** Road construction, harvesting and silviculture all constitute development within a PPWSA and will be conducted under permit from the Water Resources Division of the Department of Environment and Climate Change, in consultation with the appropriate Municipal Council or Local Service District. Mitigating measures prescribed within permits will be adhered to; **Viewscape Interest:** In this operating area, harvesting will be restricted on slopes highly visible from the Trans Canada Highway and the Town of Port Blandford; **Terra Nova National Park:** Viewscape preservation principles will be used when planning harvest in this operating area, where harvesting would be visible from particular vantage points in Terra Nova National Park; **Highway Viewscapes:** The Forestry and Wildlife Branch, where operationally feasible, will implement strategies to provide a balance between forest harvesting and the non-timber values identified by Tourism. At a minimum, the Forestry and Wildlife Branch will maintain a **100 metre** no cut buffer along all highways.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Trinity Pond	Operating Area # CC02050
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located along the Bonavista Highway between Charleston and Trinity in Forest Management District 02 (FMD02). It is located in the North Shore Forest Ecoregion. The terrain is rugged and access to forest stands is limited.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 1,274 m³

Proposed Softwood Volume: 3,555 m³

Proposed Hardwood Volume: 822 m³

Difference from Inventory to Proposed Volume: 179 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: None

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year; **Viewscope Interest:** In this operating area harvesting

will be restricted on slopes highly visible from the Bonavista Peninsula Highway. At a minimum, the Forestry and Wildlife Branch will maintain a **100 metre** no cut buffer along all highways.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: White Hills	Operating Area # CC02011
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located just northwest of Clarenville in Forest Management District 02 (FMD02). All harvesting areas are located in the Northcentral Subregion of the Central Newfoundland Forest Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 35,585 m³

Proposed Softwood Volume: 49,824 m³

Proposed Hardwood Volume: 2,283 m³

Difference from Inventory to Proposed Volume: 40 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 2.2 km of New Construction

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: **Protected Road Zone:** Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year; **Provincial T'Railway:** There will be no cutting within

100 metres of the Provincial T'Railway; **Protected Public Water Supply Areas:** Road construction, harvesting and silviculture all constitute development within a PPWSA and will be conducted under permit from the Water Resources Division of the Department of Environment and Climate Change, in consultation with the appropriate Municipal Council or Local Service District. Mitigating measures prescribed within permits will be adhered to.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Winterbrook	Operating Area # CC02044
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located north of the Bonavista Highway between Lethbridge and Charleston on the Bonavista Peninsula in Forest Management District 02 (FMD02). It is located in the Northshore Forest Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 26,848 m³

Proposed Softwood Volume: 13,240 m³

Proposed Hardwood Volume: 3,054 m³

Difference from Inventory to Proposed Volume: -51%

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: None

Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: Protected Road Zone: Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Woodcat Hills	Operating Area # CC02018
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located just north of George's Pond in Forest Management District 02 (FMD02). It is in the Northcentral Subregion of the Central Newfoundland Ecoregion. The terrain is gently rolling.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 569 m³
Proposed Softwood Volume: 6,299 m³
Proposed Hardwood Volume: 903 m³

Difference from Inventory to Proposed Volume: 1007 %
Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 1.2 km of New Construction
Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: **Protected Road Zone:** Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year; **Protected Public Water Supply Areas:** Road

construction, harvesting and silviculture all constitute development within a PPWSA and will be conducted under permit from the Water Resources Division of the Department of Environment and Climate Change, in consultation with the appropriate Municipal Council or Local Service District. Mitigating measures prescribed within permits will be adhered to.

Agriculture Area of Interest Overlap: N/A

Operating Area Name: World Pond	Operating Area # CC02054
NFS Inventory Map #:	NTS Map #:

Description of Area: This operating area is located near the mid point of the Bonavista Peninsula along the road from Lockston, Trinity Bay to Stock Cove, Bonavista Bay in Forest Management District 02 (FMD02). It is located in the Northeastern Barrens Subregion of the Maritime Barrens. The terrain is rugged and access to forest stands is limited.

Harvesting Activities: Proposed commercial activity will include sawlog and fuelwood harvesting using mechanical harvesters or chainsaws with extraction by forwarder, snowmobile or ATV.

Inventory Softwood Volume: 1,865 m³
Proposed Softwood Volume: 35,849 m³
Proposed Hardwood Volume: 1,906 m³

Difference from Inventory to Proposed Volume: 1822 %

Rationale for Difference: Inventory/blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal of 50 m3/ha and greater. Proposed harvest volumes in excess of inventory volumes are explained through scheduling overmature timber.

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, except the areas inside the Agriculture Areas of Interest.

Primary Forest Access Road Construction: Access road construction in this operating area will typically be carried out under government contract primarily utilizing excavators. The majority of the fill requirements will come from the road right of (ROW). In the event that material is required from outside the ROW (i.e. gravel pits), it will be done under permit from the Mines Branch of the Department of Industry, Energy and Technology. Any water crossings will be done under permit as required by the Water Resources Division of the Department of Environment and Climate Change.

Proposed 5 year access road construction: 3.8 km of New Construction
Proposed 5 year stream crossings: None

Non timber Considerations and Mitigations: **Protected Road Zone:** Permits for operating within Protected Road Zones will be obtained for the operating area; **Water Bodies:** A minimum **30 meter** buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on a 1:50,000 Topographic map; **Scheduled Salmon Rivers:** There will be no cutting within **100 metres** of a scheduled Salmon River; **Cottage Areas:** There will be no cutting within **100 metres** of a designated cabin development area and **20 metres** of a registered legal cabin; **Raptor Nest:** No forestry activity is to

occur within **800 metres** of a bald eagle or osprey nest during the nesting season (March 15 to July 31) and **200 metres** during the remainder of the year.

Agriculture Area of Interest Overlap: N/A