

Operating Area Name: Governor's Pond Mackenzies Brook Puzzle Pond South Brook Blue Gulch	Operating Area # CC15005 CC15006 CC15009 CC15026 CC15029
NFS Inventory Map #:	NTS Map #:

Description of Area:

Silviculture Operating Areas are created to focus on regeneration of harvested sites that are not adequately regenerating on their own. The objective is to sustain ecological functions, promote vegetation types characteristic of the Boreal Forest and to create a sustainable balance of healthy forests and viable forest products. These Silviculture Operating Areas encompass a large area of previously harvested and proposed future harvest areas.

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.

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;

Agriculture Area of Interest Overlap: N/A

Operating Area Name: Governors Pond	Operating Area # CC15005
NFS Inventory Map #: 4911, 4912, 4921, 4922, 4931, 4932	NTS Map #: 49

Description of Area:

This area of crown land is located south of the southern boundary of Gros Morne National Park and Mackenzie's Brook operating area. The terrain varies from rolling hills to steep river valleys with large wetlands and barrens. The area is located in the Corner Brook Subregion of the Western Newfoundland Forest Ecoregion.

Harvesting Activities:

The commercial timber is located on very steep terrain and in scattered isolated patches. Commercial activity will range from shortwood harvesting using chainsaws and mechanical harvesters with extraction by snowmobile, forwarder and ATV. Some tree length timber on steep slopes will be extracted using skidders.

Inventory Softwood Volume: 158,629 m³

Inventory Hardwood Volume:

Proposed Softwood Volume: 81,857 m³

Proposed Hardwood Volume: m³

Difference from Inventory to Proposed Volume: 51.6%

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m³/ha and greater

Domestic Activity occurs throughout the block

The block contains 371 ha of PCT

Silviculture Activities: None Proposed

Primary Forest Access Road Construction: 9.3 km new construction

Non timber Considerations and Mitigations:

Wildlife Division & NL Snowmobile Federation (NLSF)

Wildlife Division:

Issue: This block is located within a sensitive caribou area.

Mitigation: The Forest Management Guidelines (EMP's) for woodland caribou for the island of Newfoundland and Labrador will be followed.

NL Snowmobile Federation (NLSF)

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

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

Agriculture Area of Interest Overlap

Operating Area Name: Mackenzies Brook	Operating Area # CC15006
NFS Inventory Map #: 4932, 4933	NTS Map #: 49

Description of Area:

This area of crown land is sandwiched between the southern boundary of Gros Morne National Park and Governors Pond operating area. The terrain varies from rolling hills to steep river valleys with large wetlands and barrens. The area is located in the Corner Brook Subregion of the Western Newfoundland Forest Ecoregion.

Harvesting Activities:

The commercial timber is located on very steep terrain and in scattered isolated patches. Commercial activity will range from shortwood harvesting using chainsaws and mechanical harvesters with extraction by snowmobile, forwarder and ATV. Some tree length timber on steep slopes will be extracted using skidders.

Inventory Softwood Volume: 47,454 m³

Inventory Hardwood Volume:

Proposed Softwood Volume: 28,285 m³

Proposed Hardwood Volume: 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 60 m³/ha and greater

Silviculture Activities:

None Proposed

Primary Forest Access Road Construction:

None Proposed

Non timber Considerations and Mitigations:

Gros Morne National Park

Issue: Viewshed

Mitigation: Any viewshed issues associated with harvesting will be mitigated with the park and the tourism branch.

Agriculture Area of Interest Overlap

Operating Area Name: Puzzle Pond	Operating Area # CC15009
NFS Inventory Map #: 4923, 4924, 4933, 4934	NTS Map #: 49

Description of Area:

The area is located east of Little Bonne Bay Pond. The forest stands are mostly regenerating softwoods in the intermediate age class and terrain in this area is very steep. The area is located in the Corner Brook Subregion of the Western Newfoundland Forest Ecoregion.

Harvesting Activities:

Commercial timber opportunities are limited because the most accessible commercial timber was removed in the 70's and 80's. The remaining timber is on very steep terrain and in scattered isolated patches. Commercial activity ranges from shortwood harvesting using chainsaws with extraction by snowmobile, J5, forwarder and ATV. Some tree length timber on steep slopes may be harvested using skidders.

Inventory Softwood Volume: 63,832 m³

Inventory Hardwood Volume:

Proposed Softwood Volume: 24,349 m³

Proposed Hardwood Volume: 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 60 m³/ha and greater

The block contains 165 ha of PCT

Silviculture Activities: None Proposed

Primary Forest Access Road Construction: 2.6 km new construction

Non timber Considerations and Mitigations: Gros Morne National Park, Wildlife Division & NL Snowmobile Federation (NLSF)

Gros Morne National Park

Issue: Viewshed

Mitigation: Any viewshed issues associated with harvesting will be mitigated with the park and the tourism branch.

NL Snowmobile Federation:

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

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

A 100 metre buffer is established along the Lomond River and 50 metres along Line Brook to protect salmon habitat.

Agriculture Area of Interest Overlap

Operating Area Name: South Brook	Operating Area # CC15026
NFS Inventory Map #: 4911, 4912, 4921, 4922, 4931, 4932	NTS Map #: 49

Description of Area:

This area is located in the Humber Valley near the community of Pasadena. The landscape consists of predominately productive forest lands and the terrain ranges from flat to steep slopes. The area is located in the Corner Brook Subregion of the Western NL forest ecoregion.

Harvesting Activities:

The commercial timber is located in the southern central portion of the Pasadena domestic cutting block, and was reserved for commercial allocations. This timber was PCT treated and has reached merchantable size and age. Commercial activity will range from shortwood harvesting using chainsaws and mechanical harvesters.

Inventory Softwood Volume: 97,930 m³

Inventory Hardwood Volume:

Proposed Softwood Volume: 47,982 m³

Proposed Hardwood Volume: 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 60 m³/ha and greater

Most of the proposed harvest is within Operational Landbase.

The block contains 463 hectares of PCT

Silviculture Activities: None Proposed

Primary Forest Access Road Construction: 2.5 new construction

Non timber Considerations and Mitigations:

NL Snowmobile Federation (NLSF)

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

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

Agriculture Area of Interest Overlap

Operating Area Name: Blue Gulch	Operating Area # CC15029
NFS Inventory Map #: 5914	NTS Map #: 59

Description of Area:

This area is located in the Humber Valley near the community of Pasadena. The landscape consists of predominately productive forest lands and the terrain ranges from flat to steep slopes. The area is located in the Corner Brook Subregion of the Western NL forest ecoregion.

Harvesting Activities:

Commercial activity will range from shortwood harvesting using chainsaws and mechanical harvesters with extraction by snowmobile, forwarder and ATV

Inventory Softwood Volume: 3,765 m³

Inventory Hardwood Volume:

Proposed Softwood Volume: 291m³

Proposed Hardwood Volume: m³

Difference from Inventory to Proposed Volume: 92%

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m³/ha and greater

Number is derived from Operational Landbase only.

The block contains 13 hectares of PCT

Silviculture Activities: None Proposed

Primary Forest Access Road Construction: None Proposed

Non timber Considerations and Mitigations:

NL Snowmobile Trail

NL Snowmobile Federation:

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

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

Agriculture Area of Interest Overlap

Operating Area Name: Governors Pond	Operating Area # CC15005
NFS Inventory Map #: 4911, 4912, 4921, 4922, 4931, 4932	NTS Map #: 49

Description of Area:

This area of crown land is located south of the southern boundary of Gros Morne National Park and Mackenzie's Brook operating area. The terrain varies from rolling hills to steep river valleys with large wetlands and barrens. The area is located in the Corner Brook Subregion of the Western Newfoundland Forest Ecoregion.

Harvesting Activities:

The commercial timber is located on very steep terrain and in scattered isolated patches. Commercial activity will range from shortwood harvesting using chainsaws and mechanical harvesters with extraction by snowmobile, forwarder and ATV. Some tree length timber on steep slopes will be extracted using skidders.

Inventory Softwood Volume: 261,079 m³

Inventory Hardwood Volume:

Proposed Softwood Volume: 137,661 m³

Proposed Hardwood Volume: m³

Difference from Inventory to Proposed Volume: 52.7%

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m³/ha and greater

Domestic Activity occurs throughout the block

The block contains 371 ha of PCT

Silviculture Activities: None Proposed

Primary Forest Access Road Construction: 9.3 km new construction

Non timber Considerations and Mitigations:

Wildlife Division & NL Snowmobile Federation (NLSF)

Wildlife Division:

Issue: This block is located within a sensitive caribou area.

Mitigation: The Forest Management Guidelines (EMP's) for woodland caribou for the island of Newfoundland and Labrador will be followed.

NL Snowmobile Federation (NLSF)

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

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

Agriculture Area of Interest Overlap

Operating Area Name:

FMD 15 – Domestic Cutting Areas

Operating Area Numbers:

CC15501	CC15502	CC15503
CC15504	CC15509	CC15512
CC15513	CC15514	CC15515
CC15516	CC15517	CC15518
CC15520	CC15521	CC15522
CC15523	CC15524	CC15525
CC15519	CC15527	CC15528
		CC 15505

Description of Area:

Domestic area CC15501 is behind the community of Sally’s Cove on the Northern Peninsula.
 Domestic area CC15502 is east of the community of Rocky Harbour in Bonne Bay.
 Domestic area CC15503 is on the south side of Southern Arm in Bonne Bay from Glenburnie to Much’s Point.
 Domestic area CC15504 is located south of the community of Trout River
 Domestic area CC15505 is located in the Governors Pond area
 Domestic area CC15006 is located in the northern most portion of District 15. This is a commercial block in which we allow domestic cutting. The commercial area in this block is signed on the ground to advise public of commercial designation.
 Domestic area CC15509 is located east of Little Bonne Bay Pond
 Domestic area CC15512 is located near the narrows of Goose Arm in the Bay of Islands.
 Domestic area CC15513 is Northside of the Humber Arm in the Bay of Islands (Gillams and Meadows)
 Domestic area CC15514 is at the Head of Humber Arm in the Bay of Islands (Hugh’s Brook and Wild Cove)
 Domestic area CC15515 is on the south side of the Bay of Islands, south of the Ring Road near Corner Brook.
 Domestic area CC15516 is located on the south side of the Bay of Islands, near Mount Moriah.
 Domestic area CC15517 is on the south side of the Bay of Islands from Cook’s brook to Frenchman’s Cove
 Domestic area CC15518 is on the south side of the Bay of Islands, near Lark Harbour and Your Harbour.
 Domestic area CC15519 is Northside of the Humber Arm in the Bay of Islands, near McIvers and Cox’s Cove
 Domestic area CC15520 is in the Humber Valley near Little Rapids.
 Domestic area CC15521 is in the Humber Valley near Pasadena.
 Domestic area CC15522 is in the Humber Valley near St. Jude’s
 Domestic area CC15523 is in the Humber Valley on the north side of Deer Lake
 Domestic area CC15524 is in the Humber Valley near Goose Arm Road
 Domestic area CC15525 is located near Bonne Bay Big Pond to the west of the Viking Trail.
 Domestic area CC15527 is an island located off the coast of Cox’s Cove.
 Domestic area CC15528 is an island located off the coast of Lark Harbour.

Harvesting Activities:

Timber in domestic cutting areas is for the most part not considered economically viable and is not considered for large scale commercial operations. District 15 does however have smaller scale commercial harvesting that occurs in domestic area CC15513 Gillams. Commercial harvesting for this areas ranges from 72 m³/year to 125 m³/year. Domestic harvesting is permitted during the summer months, however, would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Cutting Conditions Applied to Permits:

- Crown domestic permits are issued for 23 m³/permit/year in FMD 15 for the following areas CC15501, CC15502, CC15503 CC15504, CC 15505, CC15509, CC15521 all other areas receive 15 m³/permit/year.

- ALL Crown domestic permits in District 15 are issued for the harvesting of mature timber comprised of softwood and hardwood.
- Permittee permitted to choose two areas per permit.
- Permittee not permitted to cut or damage immature timber.
- Permittee MUST HAVE cutting permit in their possession when cutting/transporting wood
- All garbage must be removed from the cutting area to an approved waste disposal site
- Logging debris is not to be disposed in or on any pond, brook, roadside or ditch.
- All logs must be piled in such a manner that the pile can be scaled.
- Permittee not permitted to cut or damage silviculturally treated timber.
- Permittee shall utilize all portions of trees harvested to a top diameter of 8 cm and stump heights are not to exceed 15 cm.
- Sawlog sized timber harvested which is suitable for sawlogs must be utilized as sawlogs.
- Permittee must comply with Forest Fire Regulations during the forest fire season.
- No harvesting within 20 meters of all waterbodies unless otherwise advised through individual cutting permit conditions.
- No harvesting of white pine or red pine (dead or alive)
- ALL RED STAIN WOOD is to be utilized.
- Cutting of deadwood and blowdown is permitted within 100 meters of the centre line of any highway maintained by the Department of Transportation and Works, excluding private property and Municipal Land.

Silviculture Activities:

- Not Applicable

Primary Forest Access Road Construction:

- Not Applicable

Non Timber Considerations and Mitigations:

On water bodies where an approved cabin development area exists a 105 meter buffer must be maintained along the shoreline.

Where an approved license to occupy for a cabin exists, a 20 metre buffer is to be maintained.

Each domestic cutting area has its own restricted areas where no harvesting can occur for a variety of reasons including but not limited to: silviculture exclusions, private ownership, municipal parks, RV parks, walking trails, snowmobile trails, ATV trails, Newfoundland T'Railway, viewscape buffers, and Protected Public Water Supply Areas. Refer to domestic cutting maps and their conditions for the specific considerations.

The following domestic cutting areas contain Protected Public Water Supply Areas (PPWSA) within their boundaries in which domestic cutting is permitted under specific environmental conditions within the associated protected watershed. The terms and conditions for harvesting are issued under a Permit for Development from the Water Resources Management Division. These conditions are issued with each domestic permit. Refer to domestic cutting map condition for the specific conditions.

Domestic Area Number	Water Supply Area	Community
Rocky Harbour CC15502	Gull Pond WS-S-0624 Norris Point WS-S-0502	Rocky Harbour Norris Point
Woody Point CC15503	Groucher's Brook WS-S 0281	Glenburnie - Birchy Head - Shoal Brook
Old Man's Pond CC15512	Cox's Brook WS-S0201	Cox's Cove
Gillams CC15513	Meater's Pond WS-S0454 Cox's Brook WS-S0201	Meadows, Summerside West Cox's Cove
Wild Cove CC15514	Reservior WS-S-0366	Hughes Brook
Benoits Cove CC15517	Dormody's Brook WS-S0367 Gurges Pond WS-S-0881	Halfway Pond, Benoit's Cove, John's Beach Frenchman's Cove
Lark/York Harbour C15518	Fair Fax Brook – Lark Harbour	Lark Harbour
McIvers/Coxs Cove CC15519c	Cox's Brook WS-S-0201	Cox's Cove
McIvers/Coxs Cove CC15519d	Cox's Brook WS-S-0201	Cox's Cove
Pasadena CC15521	Steady Brook WS-S0712 Transmission Pond WS-S-0530 Blue Gulch Pond WS-S-0882	Steady Brook Pasadena Pasadena
Deer Lake North CC15523	Chute Brook WS-S-0817 Humber Canal WS-S-0214	St. Jude's Reidville