

Operating Area Name: Labrador City 1	Operating Area #: C22001
NFS Inventory Map #: 323-34	NTS Map #: 23B14

Description of Area:

This area of crown land is located west of Labrador City. It is located within the mid-subarctic forest region. This is a moderately sized (113ha) block with merchantable stands of mixed spruce and balsam fir. It is marginally visible from the TLH, however should have little impact on the aesthetics of this area. The terrain varies from hilly to rough.

Harvesting Activities:

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvester with extraction by forwarder.

Inventory Softwood Volume: 10,622 m³

Inventory Hardwood Volume:

Proposed Softwood Volume: 7,860 m³

Proposed Hardwood Volume:

Difference from Inventory to Proposed Volume: 26%

Rationale for Difference: During calculation of the net AAC the GMV (Gross Merchantable Volume) is further refined to account for retention, waste, cull and natural disturbances. This number, referred to as the Net Commercial Volume, is then used in the AAC calculations. The expected net downs for District 22 were applied to account for the following losses for each calculation: Cull (14%), Residual Stands (6%), Harvesting Losses (5%), and Fire disturbance (1%).

Silviculture Activities:

Reconnaissance surveys will be carried out on existing and new cutovers and regeneration 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 regeneration stands will be candidates for thinning. All potential silviculture areas are identified on the operations area maps.

Primary Forest Access Road Construction:

Access road construction in this 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 Natural Resources. No stream crossings will be required.

Proposed 5 year access road construction: 1.9 kilometers

Proposed 5 year stream crossings: 2 culverts

Non timber Considerations and Mitigations:

A 20 meter buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on 1:50,000 topographic maps.

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 meter buffer is to be maintained.

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

Operating Area Name: Labrador City 2	Operating Area #: C22002
NFS Inventory Map #: 323-34	NTS Map #: 23B14

Description of Area:

This area of crown land is located west of Labrador City. It is located within the mid-subarctic forest region. This is a moderately sized (67ha) block with merchantable stands of mixed spruce and balsam fir. It is marginally visible from the TLH, however should have little impact on the aesthetics of this area. The terrain varies from hilly to rough.

Harvesting Activities:

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvester with extraction by forwarder.

Inventory Softwood Volume: 7,564 m³

Inventory Hardwood Volume:

Proposed Softwood Volume: 5,597 m³

Proposed Hardwood Volume:

Difference from Inventory to Proposed Volume: 26%

Rationale for Difference: During calculation of the net AAC the GMV (Gross Merchantable Volume) is further refined to account for retention, waste, cull and natural disturbances. This number, referred to as the Net Commercial Volume, is then used in the AAC calculations. The expected net downs for District 22 were applied to account for the following losses for each calculation: Cull (14%), Residual Stands (6%), Harvesting Losses (5%), and Fire disturbance (1%).

Silviculture Activities:

Reconnaissance surveys will be carried out on existing and new cutovers and regeneration 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 regeneration stands will be candidates for thinning. All potential silviculture areas are identified on the operations area maps.

Primary Forest Access Road Construction:

Access road construction in this 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 Natural Resources. No stream crossings will be required.

Proposed 5 year access road construction: 1km

Proposed 5 year stream crossings: 0

Non timber Considerations and Mitigations:

A 20 meter buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on 1:50,000 topographic maps.

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 meter buffer is to be maintained.

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

Operating Area Name: Labrador City 3	Operating Area #: C22003
NFS Inventory Map #: 323-34	NTS Map #: 23B14

Description of Area:

This area of crown land is located west of Labrador City. It is located within the mid-subarctic forest region. This is a moderately sized (64ha) block with merchantable stands of mixed spruce and balsam fir. It is not visible from the TLH, therefore should have little impact on the aesthetics of this area. The terrain varies from hilly to rough.

Harvesting Activities:

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvester with extraction by forwarder.

Inventory Softwood Volume: 6,297 m³

Inventory Hardwood Volume:

Proposed Softwood Volume: 4,660 m³

Proposed Hardwood Volume:

Difference from Inventory to Proposed Volume: 26%

Rationale for Difference: During calculation of the net AAC the GMV (Gross Merchantable Volume) is further refined to account for retention, waste, cull and natural disturbances. This number, referred to as the Net Commercial Volume, is then used in the AAC calculations. The expected net downs for District 22 were applied to account for the following losses for each calculation: Cull (14%), Residual Stands (6%), Harvesting Losses (5%), and Fire disturbance (1%).

Silviculture Activities:

Reconnaissance surveys will be carried out on existing and new cutovers and regeneration 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 regeneration stands will be candidates for thinning. All potential silviculture areas are identified on the operations area maps.

Primary Forest Access Road Construction:

Access road construction in this 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 Natural Resources. No stream crossings will be required.

Proposed 5 year access road construction: 2.6 kilometers

Proposed 5 year stream crossings: 0

Non timber Considerations and Mitigations:

A 20 meter buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on 1:50,000 topographic maps.

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 meter buffer is to be maintained.

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

Operating Area Name: Labrador City 4	Operating Area #: C22004
NFS Inventory Map #: 323-34	NTS Map #: 23B14

Description of Area:

This area of crown land is located west of Labrador City. It is located within the mid-subarctic forest region. This is a moderately sized (54ha) block with merchantable stands of mixed spruce and balsam fir. It is not visible from the TLH, therefore should have little impact on the aesthetics of this area. The terrain varies from hilly to rough.

Harvesting Activities:

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvester with extraction by forwarder.

Inventory Softwood Volume: 6,486 m³

Inventory Hardwood Volume:

Proposed Softwood Volume: 4,800 m³

Proposed Hardwood Volume:

Difference from Inventory to Proposed Volume: 26%

Rationale for Difference: During calculation of the net AAC the GMV (Gross Merchantable Volume) is further refined to account for retention, waste, cull and natural disturbances. This number, referred to as the Net Commercial Volume, is then used in the AAC calculations. The expected net downs for District 22 were applied to account for the following losses for each calculation: Cull (14%), Residual Stands (6%), Harvesting Losses (5%), and Fire disturbance (1%).

Silviculture Activities:

Reconnaissance surveys will be carried out on existing and new cutovers and regeneration 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 regeneration stands will be candidates for thinning. All potential silviculture areas are identified on the operations area maps.

Primary Forest Access Road Construction:

Access road construction in this 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 Natural Resources. No stream crossings will be required.

Proposed 5 year access road construction: Access from road network developed for Labrador City 3

Proposed 5 year stream crossings: 0

Non timber Considerations and Mitigations:

A 20 meter buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on 1:50,000 topographic maps.

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 meter buffer is to be maintained.

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

Operating Area Name: Labrador City 5	Operating Area #: C22005
NFS Inventory Map #: 323-34, 323-33	NTS Map #: 23B14

Description of Area:

This area of crown land is located west of Labrador City. It is located within the mid-subarctic forest region. This is a moderately sized (51ha) block with merchantable stands of mixed spruce and balsam fir. It is not visible from the TLH, therefore should have little impact on the aesthetics of this area. The terrain varies from hilly to rough.

Harvesting Activities:

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvester with extraction by forwarder.

Inventory Softwood Volume: 5,747 m³

Inventory Hardwood Volume:

Proposed Softwood Volume: 4,253 m³

Proposed Hardwood Volume:

Difference from Inventory to Proposed Volume: 26%

Rationale for Difference: During calculation of the net AAC the GMV (Gross Merchantable Volume) is further refined to account for retention, waste, cull and natural disturbances. This number, referred to as the Net Commercial Volume, is then used in the AAC calculations. The expected net downs for District 22 were applied to account for the following losses for each calculation: Cull (14%), Residual Stands (6%), Harvesting Losses (5%), and Fire disturbance (1%).

Silviculture Activities:

Reconnaissance surveys will be carried out on existing and new cutovers and regeneration 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 regeneration stands will be candidates for thinning. All potential silviculture areas are identified on the operations area maps.

Primary Forest Access Road Construction:

Access road construction in this 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 Natural Resources. No stream crossings will be required.

Proposed 5 year access road construction: 1.3 kilometers.

Proposed 5 year stream crossings: 0

Non timber Considerations and Mitigations:

A 20 meter buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on 1:50,000 topographic maps.

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 meter buffer is to be maintained.

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

Operating Area Name: Labrador City 6	Operating Area #: C22006
NFS Inventory Map #: 323-34	NTS Map #: 23B14

Description of Area:

This area of crown land is located west of Labrador City. It is located within the mid-subarctic forest region. This is a moderately sized (111ha) block with merchantable stands of mixed spruce and balsam fir. It is not visible from the TLH, therefore should have little impact on the aesthetics of this area. The terrain varies from hilly to rough.

Harvesting Activities:

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvester with extraction by forwarder.

Inventory Softwood Volume: 8,616 m³

Inventory Hardwood Volume:

Proposed Softwood Volume: 6,376 m³

Proposed Hardwood Volume:

Difference from Inventory to Proposed Volume: 26%

Rationale for Difference: During calculation of the net AAC the GMV (Gross Merchantable Volume) is further refined to account for retention, waste, cull and natural disturbances. This number, referred to as the Net Commercial Volume, is then used in the AAC calculations. The expected net downs for District 22 were applied to account for the following losses for each calculation: Cull (14%), Residual Stands (6%), Harvesting Losses (5%), and Fire disturbance (1%).

Silviculture Activities:

Reconnaissance surveys will be carried out on existing and new cutovers and regeneration 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 regeneration stands will be candidates for thinning. All potential silviculture areas are identified on the operations area maps.

Primary Forest Access Road Construction:

Access road construction in this 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 Natural Resources. No stream crossings will be required.

Proposed 5 year access road construction: 2.2 kilometers.

Proposed 5 year stream crossings: 1 culvert

Non timber Considerations and Mitigations:

A 20 meter buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on 1:50,000 topographic maps.

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 meter buffer is to be maintained.

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

Operating Area Name: Ranger Lake	Operating Area #: C22007
NFS Inventory Map #: N/A	NTS Map #: 23H06

Description of Area:

This area of crown land is located East of Labrador City/Wabush. It is located within the mid-subarctic forest region. This is a large sized (466ha) block with merchantable stands of mixed spruce and balsam fir. It is marginally visible from the TLH, however should have little impact on the aesthetics of this area. The terrain varies from hilly to rough.

Harvesting Activities:

Commercial activity will include pulpwood, sawlog and fuelwood harvesting using chainsaws and mechanical harvester with extraction by forwarder.

Inventory Softwood Volume: 37,784 m³

Inventory Hardwood Volume:

Proposed Softwood Volume: 27,960 m³

Proposed Hardwood Volume:

Difference from Inventory to Proposed Volume: 26%

Rationale for Difference: During calculation of the net AAC the GMV (Gross Merchantable Volume) is further refined to account for retention, waste, cull and natural disturbances. This number, referred to as the Net Commercial Volume, is then used in the AAC calculations. The expected net downs for District 22 were applied to account for the following losses for each calculation: Cull (14%), Residual Stands (6%), Harvesting Losses (5%), and Fire disturbance (1%).

Silviculture Activities:

Reconnaissance surveys will be carried out on existing and new cutovers and regeneration 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 regeneration stands will be candidates for thinning. All potential silviculture areas are identified on the operations area maps.

Primary Forest Access Road Construction:

Access road construction in this 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 Natural Resources. No stream crossings will be required.

Proposed 5 year access road construction: Access from TLH.

Proposed 5 year stream crossings: 0

Non timber Considerations and Mitigations:

A 20 meter buffer will be maintained on both sides of all rivers, brooks, ponds or other water bodies that are shown on 1:50,000 topographic maps.

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 meter buffer is to be maintained.

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