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| <b>Operating Area Name:</b> Argentia Agriculture Block | <b>Operating Area #</b> CC01064 |
| <b>NFS Inventory Map #:</b><br>2441, 2442, 2473, 2474  | <b>NTS Map #:</b> 1 N/5         |

**Description of Area:**

This area of crown land is located along the Argentia access road. The area is located in the Maritime Barrens Ecoregion.

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**Harvesting Activities:**

Commercial activity will include manual or mechanical harvesting of sawlogs and fuelwood with extraction by forwarder or ATV.

Inventory Softwood Volume: n/a

Inventory Hardwood Volume:

Proposed Softwood Volume: 32518m<sup>3</sup>

Proposed Hardwood Volume: 1068m<sup>3</sup>

Difference from Inventory to Proposed Volume:

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m<sup>3</sup>/ha and greater

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**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.

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**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: 0

Proposed 5 year stream crossings: 0

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**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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**Agriculture Area of Interest Overlap**

This commercial operating area overlaps with an approved agriculture area of interest.

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|---|---------------------------------|
| <b>Operating Area Name:</b> Avondale Access | <b>Operating Area #</b> CC01063 |
| <b>NFS Inventory Map #:</b> 2470, 2471      | <b>NTS Map #:</b> 1 N/6         |

**Description of Area:**

This area of crown land is located south of the Avondale Access Road off the TCH. The area is located in the Maritime Barrens Ecoregion.

**Harvesting Activities:**

Commercial activity will include manual or mechanical harvesting of sawlogs and fuelwood with extraction by forwarder or ATV.

Inventory Softwood Volume: n/a

Inventory Hardwood Volume:

Proposed Softwood Volume: 3705m<sup>3</sup>

Proposed Hardwood Volume: 88m<sup>3</sup>

Difference from Inventory to Proposed Volume:

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This Commercial Operating area overlaps with an approved Agriculture Area of Interest.

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|---|---------------------------------|
| <b>Operating Area Name:</b> Big Round Pond (I-5C) | <b>Operating Area #</b> CC01040 |
| <b>NFS Inventory Map #:</b> 2192, 2247            | <b>NTS Map #:</b> 1N/ 11        |

**Description of Area:**

This area of crown land is located southeast of the community of Hearts Delight. The area is located in the Maritime Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 13686 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 10771 m<sup>3</sup>

Proposed Hardwood Volume: 195m<sup>3</sup>

Difference from Inventory to Proposed Volume: 20%

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

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|---|---------------------------------|
| <b>Operating Area Name:</b> Black Duck Gully (A-5C) | <b>Operating Area #</b> CC01004 |
| <b>NFS Inventory Map #:</b> 2439                    | <b>NTS Map #:</b> 1N/6          |

**Description of Area:**

This area of crown land is located to north of the TCH and east of Veteran’s Memorial Highway. It is accessed from the TCH. The area is located in the Maritime Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 7194 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 6437 m<sup>3</sup>

Proposed Hardwood Volume: 757m<sup>3</sup>

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 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.



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|--|----------------------------------|
| <b>Operating Area Name:</b> Blaketown (K-5C) | <b>Operating Area #</b> CC01031p |
| <b>NFS Inventory Map #:</b> 2409             | <b>NTS Map #:</b> 1N/5           |

**Description of Area:**

This area of crown land is located west of the community of Blaketown and Whitbourne and Northeast of Peak Pond. It is accessed off the TCH to the North. The area is located in the Maritime Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 3351 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 3216 m<sup>3</sup>

Proposed Hardwood Volume: 135m<sup>3</sup>

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 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

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|--|---------------------------------|
| <b>Operating Area Name:</b> Duff's Straight (F-3C) | <b>Operating Area #</b> CC01024 |
| <b>NFS Inventory Map #:</b> 2437                   | <b>NTS Map #:</b> 1N/ 6         |

**Description of Area:**

This area of crown land is located east of Holyrood Bay and west of Butter Pot Provincial Park. The area is located in the Maritime Barrens Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 4982 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 7334m<sup>3</sup>

Proposed Hardwood Volume: 120m<sup>3</sup>

Difference from Inventory to Proposed Volume:

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

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|--|---------------------------------|
| <b>Operating Area Name:</b> Fadders Pond | <b>Operating Area #</b> CC01060 |
| <b>NFS Inventory Map #:</b> 2078         | <b>NTS Map #:</b> 1 N/14        |

**Description of Area:**

This area of crown land is located on the Hearts Content Barrens. The area is located in the Maritime Barrens Northeastern Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 5850 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 4464m<sup>3</sup>

Proposed Hardwood Volume: 66m<sup>3</sup>

Difference from Inventory to Proposed Volume: 23%

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m<sup>2</sup>/ha and greater

**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.

Construction of the Barrens Resource road (1.68km) is planned.

Proposed 5 year access road construction: 1.68km

Proposed 5 year stream crossings: 3

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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#### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

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|--|---------------------------------|
| <b>Operating Area Name:</b> Fourth Pond (E-1C) | <b>Operating Area #</b> CC01023 |
| <b>NFS Inventory Map #:</b> 2402, 2403         | <b>NTS Map #:</b> 1N/ 7         |

**Description of Area:**

This area of crown land is located East of the community of Goulds. The area is located in the Maritime Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 3970 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 5067m<sup>3</sup>

Proposed Hardwood Volume: 182m<sup>3</sup>

Difference from Inventory to Proposed Volume:

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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#### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.



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|--|---------------------------------|
| <b>Operating Area Name:</b> Foxtrap Pasture (F-2C) | <b>Operating Area #</b> CC01053 |
| <b>NFS Inventory Map #:</b> 2404, 2435, 2436       | <b>NTS Map #:</b> 1N/ 6         |

**Description of Area:**

This area of crown land is located east of the community of Seal cove and east of the TCH. The area is located in the Maritime Forest Eco-region.

**Harvesting Activities:**

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

Inventory Softwood Volume: 6170 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 6170 m<sup>3</sup>

Proposed Hardwood Volume:

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 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

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|---|---------------------------------|
| <b>Operating Area Name:</b> Goulds Brook (J-2C) | <b>Operating Area #</b> CC01005 |
| <b>NFS Inventory Map #:</b> 2407, 2439          | <b>NTS Map #:</b> 1N/6          |

**Description of Area:**

This area of crown land is located to north of the TCH and south of Makinsons. It is accessed off the TCH from the Goulds Brook Quarry road. The area is located in the Maritime Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 3540 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 3456m<sup>3</sup>

Proposed Hardwood Volume: 143m<sup>3</sup>

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 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

|  |                                 |
|--|---------------------------------|
| <b>Operating Area Name: Gull Pond (I-8C)</b> | <b>Operating Area # CC01039</b> |
| <b>NFS Inventory Map #: 2247</b>             | <b>NTS Map #: 1N/ 11</b>        |

**Description of Area:**

This area of crown land is located southeast of the community of Whiteway. The area is located in the Maritime Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 6698 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 4028 m<sup>3</sup>

Proposed Hardwood Volume: 89m<sup>3</sup>

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 60 m<sup>2</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

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|--|---------------------------------|
| <b>Operating Area Name:</b> Gully Pond Road (D-1C) | <b>Operating Area #</b> CC01019 |
| <b>NFS Inventory Map #:</b> 2468, 2499, 2500       | <b>NTS Map #:</b> 1N/7          |

**Description of Area:**

This area of crown land is located west of the communities of Bay bulls and Witless Bay. It is accessed off the Southern Shore highway on the Gully Pond Forest Access Road. The area is located in the Maritime Barrens Forest Ecoregion.

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**Harvesting Activities:**

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

Inventory Softwood Volume: 47233 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 44875 m<sup>3</sup>

Proposed Hardwood Volume: 2358m<sup>3</sup>

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 60 m<sup>3</sup>/ha and greater

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**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.

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**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.

Construction of 3 resource roads are planned for completion during this 5 year planning period; two extensions off of Gull Pond Resource road (1.7 km and 2.07km) as well as construction of a new resource road off Old Witless Bay line to Perrys Brook (2.21km).

Proposed 5 year access road construction: 5.98km

Proposed 5 year stream crossings: 1

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**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.



|   |                                 |
|---|---------------------------------|
| <b>Operating Area Name:</b> Healeys Pond (A-1C) | <b>Operating Area #</b> CC01027 |
| <b>NFS Inventory Map #:</b> 2441                | <b>NTS Map #:</b> 1N/5          |

**Description of Area:**

This area of crown land is located to the west of the community of Whitbourne. Access is from the Placentia Junction road. The area is located in the Maritime Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 1683 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 1103m<sup>3</sup>

Proposed Hardwood Volume: 129m<sup>3</sup>

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 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This Commercial Operating area overlaps with an approved Agriculture Area of Interest.

|   |                                 |
|---|---------------------------------|
| <b>Operating Area Name:</b> Heart's Delight Brook (I-14C) | <b>Operating Area #</b> CC01046 |
| <b>NFS Inventory Map #:</b> 2192                          | <b>NTS Map #:</b> 1N/ 11        |

**Description of Area:**

This area of crown land is located west of the community of Heart's Delight. It is accessed by an old trails from the town. The area is located in the Maritime Forest Ecoregion.

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**Harvesting Activities:**

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

Inventory Softwood Volume: 7970 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 3285 m<sup>3</sup>

Proposed Hardwood Volume: 64 m<sup>3</sup>

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 60 m<sup>3</sup>/ha and greater

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**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.

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**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: 0

Proposed 5 year stream crossings: 0

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**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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#### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

|  |                                 |
|--|---------------------------------|
| <b>Operating Area Name:</b> Henders (B-1C)         | <b>Operating Area #</b> CC01010 |
| <b>NFS Inventory Map #:</b> 2503, 2504, 2535, 2536 | <b>NTS Map #:</b> 1N/3 – 1N/6   |

**Description of Area:**

This area of crown land is located to the west of the Deer Park Vineland Road Local Service District. It is accessed off the Salmonier Line road using the Henders road network. It encompasses a large area of previously managed secondary cycle forests. The area is located in the Avalon Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 47216.04 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 30000m<sup>3</sup>

Proposed Hardwood Volume: 990m<sup>3</sup>

Difference from Inventory to Proposed Volume: 35 %

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m<sup>3</sup>/ha and greater

**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.

Reconstruction of 2.15km existing resource spur road.

Proposed 5 year access road construction: 2.15

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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#### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

|  |                                 |
|--|---------------------------------|
| <b>Operating Area Name:</b> Island Pond Ridge (I-7C) | <b>Operating Area #</b> CC01008 |
| <b>NFS Inventory Map #:</b> 2360, 2362               | <b>NTS Map #:</b> 1N/11         |

**Description of Area:**

This area of crown land is located on the East of the community of Dildo. It is near Island Pond and to the Northwest of Big Gull pond. The area is located in the Maritime Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 4238 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 1701m<sup>3</sup>

Proposed Hardwood Volume: 67m<sup>3</sup>

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 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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#### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.



|  |                                 |
|--|---------------------------------|
| <b>Operating Area Name:</b> Kings Pond (I-10C) | <b>Operating Area #</b> CC01045 |
| <b>NFS Inventory Map #:</b> 2192               | <b>NTS Map #:</b> 1N/ 11        |

**Description of Area:**

This area of crown land is located east of the community of Cavendish. It is accessed off Country Road onto Soper's Forest Access Road. The area is located in the Maritime Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 3878 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 2345 m<sup>3</sup>

Proposed Hardwood Volume: 61m<sup>3</sup>

Difference from Inventory to Proposed Volume: 38 %

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

|   |                                 |
|---|---------------------------------|
| <b>Operating Area Name:</b> Little Ridge (K-2C) | <b>Operating Area #</b> CC01026 |
| <b>NFS Inventory Map #:</b> 2362, 2363          | <b>NTS Map #:</b> 1N/ 5         |

**Description of Area:**

This area of crown land is located west of the community of Old Shop and east of the community of Chapel Arm. The area is located in the Maritime Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 2653 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 1701m<sup>3</sup>

Proposed Hardwood Volume: 164 m<sup>3</sup>

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 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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**Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

|   |                                 |
|---|---------------------------------|
| <b>Operating Area Name:</b> Long Harbour (K-7C) | <b>Operating Area #</b> CC01034 |
| <b>NFS Inventory Map #:</b> 2410, 2411          | <b>NTS Map #:</b> 1N/ 5         |

**Description of Area:**

This area of crown land is located northeast of the community of Community of Long Harbour. It is accessed of the Long Harbour road to the east. The area is located in the Maritime Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 15193 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 13715m<sup>3</sup>

Proposed Hardwood Volume: 323m<sup>3</sup>

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 60 m<sup>2</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

|  |                                 |
|--|---------------------------------|
| <b>Operating Area Name:</b> Mackinsons | <b>Operating Area #</b> CC01062 |
| <b>NFS Inventory Map #:</b> 2439       | <b>NTS Map #:</b> 1 N/6         |

**Description of Area:**

This area of crown land is located east of the community of Whitbourne off the cabin road south of the TCH. The area is located in the Maritime Barrens Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: n/a m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 6372 m<sup>3</sup>

Proposed Hardwood Volume: 58m<sup>3</sup>

Difference from Inventory to Proposed Volume: n/a

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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#### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.



|  |                                 |
|--|---------------------------------|
| <b>Operating Area Name:</b> Markland Road                | <b>Operating Area #</b> CC01065 |
| <b>NFS Inventory Map #:</b> 2440, 2441, 2472, 2473, 2505 | <b>NTS Map #:</b> 1 N/5-1/N6    |

**Description of Area:**

This area of crown land is located along the east side of Markland road, just west of Whitbourne. The area is located in the Maritime Barrens and Avalon Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 15193 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 27214 m<sup>3</sup>

Proposed Hardwood Volume: 1655m<sup>3</sup>

Difference from Inventory to Proposed Volume:

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

|   |                                 |
|---|---------------------------------|
| <b>Operating Area Name:</b> Murphys Pond (E-2C) | <b>Operating Area #</b> CC01052 |
| <b>NFS Inventory Map #:</b> 2403                | <b>NTS Map #:</b> 1N/7          |

**Description of Area:**

This area of crown land is located to the west of the town of the Goulds and South of the City of Mount Pearl and St. John's. It is accessed from powers road/ northern pond road. It is located near Murphys Pond, Big Northern Pond and to the Southeast of Cochrane Pond. The terrain is relatively flat. The area is located in the Maritime Barrens Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: n/a

Inventory Hardwood Volume:

Proposed Softwood Volume: 731m<sup>3</sup>

Proposed Hardwood Volume: 31m<sup>3</sup>

Difference from Inventory to Proposed Volume:

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This Commercial Operating area overlaps with an approved Agriculture Area of Interest.

|   |                                 |
|---|---------------------------------|
| <b>Operating Area Name:</b> Neils Pond (B-2C) | <b>Operating Area #</b> CC01014 |
| <b>NFS Inventory Map #:</b> 2472              | <b>NTS Map #:</b> 1N/6          |

**Description of Area:**

This area of crown land is located to the East of Whitbourne and West of Salmonier line. It is located in the Central Avalon and accessed on the Fox Marsh Forest Access Road to the South of the TCH. The area is located in the Avalon Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 991 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 494m<sup>3</sup>

Proposed Hardwood Volume: 18m<sup>3</sup>

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 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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#### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

|  |                                 |
|--|---------------------------------|
| <b>Operating Area Name:</b> Nord Pond (A-4C) | <b>Operating Area #</b> CC01012 |
| <b>NFS Inventory Map #:</b> 2470             | <b>NTS Map #:</b> 1N/6          |

**Description of Area:**

This area of crown land is located to north of the TCH and west of Salmonier. It is accessed from Avondale Access Road. The area is located in the Maritime Forest Eco-region.

**Harvesting Activities:**

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

Inventory Softwood Volume: 1616 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 5518m<sup>3</sup>

Proposed Hardwood Volume: 79m<sup>3</sup>

Difference from Inventory to Proposed Volume:

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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#### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.



|   |                                 |
|---|---------------------------------|
| <b>Operating Area Name:</b><br>Old Cabot Highway (K-3C) | <b>Operating Area #</b> CC01033 |
| <b>NFS Inventory Map #:</b> 2409, 2410                  | <b>NTS Map #:</b> 1N/ 5         |

**Description of Area:**

This area of crown land is located west of the community of Whitbourne. It is East of Beaver Pond and accessed off the TCH to the North. The area is located in the Maritime Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 17360 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 12098m<sup>3</sup>

Proposed Hardwood Volume: 473m<sup>3</sup>

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 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

|  |                                 |
|--|---------------------------------|
| <b>Operating Area Name:</b><br>Old Witless Bay Line (D-2D) | <b>Operating Area #</b> CC01018 |
| <b>NFS Inventory Map #:</b> 2468, 2500                     | <b>NTS Map #:</b> 1N/7          |

**Description of Area:**

This area of crown land is located off the Witless Bay Line Road. It is between Country Pond to the west and Gull Pond to the East. Access is off the Witless Bay Line to the south. The area is located in the Maritime Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 21654 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 18192m<sup>3</sup>

Proposed Hardwood Volume: 263m<sup>3</sup>

Difference from Inventory to Proposed Volume: 15 %

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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#### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

|  |                                 |
|--|---------------------------------|
| <b>Operating Area Name:</b> Paddys Pond (F-4C) | <b>Operating Area #</b> CC01021 |
| <b>NFS Inventory Map #:</b> 2403, 2404         | <b>NTS Map #:</b> 1N/ 7         |

**Description of Area:**

This area of crown land is located south of the community of Paradise, north of Paddy's Pond and east of the TCH. The area is located in the Maritime Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 9325 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 9018 m<sup>3</sup>

Proposed Hardwood Volume: 307 m<sup>3</sup>

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 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

|  |                                 |
|--|---------------------------------|
| <b>Operating Area Name:</b> Rantem Cove (K-1C) | <b>Operating Area #</b> CC01025 |
| <b>NFS Inventory Map #:</b> 2198, 2200         | <b>NTS Map #:</b> 1N/12         |

**Description of Area:**

This area of crown land is located on the Isthmus of the Avalon near Rantem Cove and Little Southern Harbour. It is accessed to the East of the TCH. The area is located in the Maritime Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 4431 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 4043 m<sup>3</sup>

Proposed Hardwood Volume: 388m<sup>3</sup>

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 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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#### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.



|  |                                 |
|--|---------------------------------|
| <b>Operating Area Name:</b> Snows Ridge (J-3C)     | <b>Operating Area #</b> CC01007 |
| <b>NFS Inventory Map #:</b> 2358, 2360, 2407, 2408 | <b>NTS Map #:</b> 1N/ 6         |

**Description of Area:**

This area of crown land is located off Veterans Memorial Highway just north of the TCH. It is accessed on the Penny's Pit Forest Access Road. The area is located in the Maritime Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 2025 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 4249 m<sup>3</sup>

Proposed Hardwood Volume: 89m<sup>3</sup>

Difference from Inventory to Proposed Volume:

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m<sup>3</sup>/ha and greater

**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.

Construction of two resource roads; Snow's Pond South (1.18km) and Snow's Pond North (1.51km).

Proposed 5 year access road construction: 2.69km

Proposed 5 year stream crossings: 2

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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#### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

|  |                                 |
|--|---------------------------------|
| <b>Operating Area Name:</b> Spread Eagle (K-8C)    | <b>Operating Area #</b> CC01030 |
| <b>NFS Inventory Map #:</b> 2409, 2410, 2441, 2442 | <b>NTS Map #:</b> 1N/ 6         |

**Description of Area:**

This area of crown land is located West of the community of Whitbourne. It is West of Spread Eagle Peak and East of Second Island Pond. It is accessed off the TCH on the Spread Eagle Forest Access Road. The area is located in the Maritime Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 44499 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 25000 m<sup>3</sup>

Proposed Hardwood Volume: 4521m<sup>3</sup>

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 60 m<sup>3</sup>/ha and greater

**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.

Construction of two resource roads; Spread Eagle East (1.04km) and Spread Eagle South (1.69km).

Proposed 5 year access road construction: 2.73

Proposed 5 year stream crossings: 3

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This Commercial Operating area overlaps with an approved Agriculture Area of Interest.

|  |                                 |
|--|---------------------------------|
| <b>Operating Area Name:</b> Suttons Pond (I-11C) | <b>Operating Area #</b> CC01035 |
| <b>NFS Inventory Map #:</b> 2304                 | <b>NTS Map #:</b> 1N/ 11        |

**Description of Area:**

This area of crown land is located east of the community of Dildo and Hopeall. The area is located in the Maritime Forest Ecoregion.

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**Harvesting Activities:**

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

Inventory Softwood Volume: 71605 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 62056 m<sup>3</sup>

Proposed Hardwood Volume: 1252m<sup>3</sup>

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 60 m<sup>2</sup>/ha and greater

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**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.

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**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.

Construction of two spur roads; Suttons Pond spur road (1.03km) and Rocky Pond spur (3.52km).

Proposed 5 year access road construction: 4.55km

Proposed 5 year stream crossings: 6

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**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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#### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

|  |                                 |
|--|---------------------------------|
| <b>Operating Area Name:</b> Tilt Hill Gully (I-4C) | <b>Operating Area #</b> CC01044 |
| <b>NFS Inventory Map #:</b> 2192                   | <b>NTS Map #:</b> 1N/ 11        |

**Description of Area:**

This area of crown land is located east of the community of Cavendish. It is accessed off Country Road from Heart's Delight. The area is located in the Maritime Forest Ecoregion.

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**Harvesting Activities:**

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

Inventory Softwood Volume: 3728 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 3619m<sup>3</sup>

Proposed Hardwood Volume: 109m<sup>3</sup>

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 60 m<sup>2</sup>/ha and greater

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**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.

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**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: 0

Proposed 5 year stream crossings: 0

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**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.



|  |                                 |
|--|---------------------------------|
| <b>Operating Area Name:</b> Tilton Barrens | <b>Operating Area #</b> CC01061 |
| <b>NFS Inventory Map #:</b> 2304           | <b>NTS Map #:</b> 1 N/11        |

**Description of Area:**

This area of crown land is located along the Tilton Barrens. The area is located in the Maritime Barrens Northeastern Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: n/a

Inventory Hardwood Volume:

Proposed Softwood Volume: 2582 m<sup>3</sup>

Proposed Hardwood Volume: 31m<sup>3</sup>

Difference from Inventory to Proposed Volume: n/a

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

|  |                                 |
|--|---------------------------------|
| <b>Operating Area Name:</b> Tors Cove (D-4C) | <b>Operating Area #</b> CC01016 |
| <b>NFS Inventory Map #:</b> 2532             | <b>NTS Map #:</b> 1N/ 7         |

**Description of Area:**

This area of crown land is located west of the community of Tor's Cove. It is accessed off the Southern Shore highway. The area is located in the Maritime Forest Ecoregion.

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**Harvesting Activities:**

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

Inventory Softwood Volume: 5777 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 5652 m<sup>3</sup>

Proposed Hardwood Volume: 125 m<sup>3</sup>

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 60 m<sup>3</sup>/ha and greater

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**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.

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**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: 0

Proposed 5 year stream crossings: 0

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**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

|   |                                 |
|---|---------------------------------|
| <b>Operating Area Name:</b> Tower Road (A-2C) | <b>Operating Area #</b> CC01002 |
| <b>NFS Inventory Map #:</b> 2471, 2503        | <b>NTS Map #:</b> 1N/6          |

**Description of Area:**

This area of crown land is located to the west of the Deer Park Vineland Road Local Service District. It is accessed off the Salmonier Line using the Deer Park/Vineland road and then turning onto Tower Road Resource Road. The area is located in the Maritime Forest Ecoregion.

**Harvesting Activities:**

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

Inventory Softwood Volume: 25628 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 10500m<sup>3</sup>

Proposed Hardwood Volume: 471m<sup>3</sup>

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 60 m<sup>3</sup>/ha and greater

**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: 0

Proposed 5 year stream crossings: 0

**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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#### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.

|  |                                 |
|--|---------------------------------|
| <b>Operating Area Name:</b> White Hill Pond (I-6C) | <b>Operating Area #</b> CC01038 |
| <b>NFS Inventory Map #:</b> 2247, 2304, 2306       | <b>NTS Map #:</b> 1N/ 11        |

**Description of Area:**

This area of crown land is located east of the communities of Dildo, Hopeall and Greens Harbour. The area is located in the Maritime Forest Ecoregion.

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**Harvesting Activities:**

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

Inventory Softwood Volume: 56697 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 49226m<sup>3</sup>

Proposed Hardwood Volume: 1354m<sup>3</sup>

Difference from Inventory to Proposed Volume: 11 %

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m<sup>3</sup>/ha and greater

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**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.

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**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.

Construction of a 1.96km spur road off White Hills Pond resource road is planned.

Proposed 5 year access road construction: 1.96km

Proposed 5 year stream crossings: 0

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**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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#### **Agriculture Area of Interest Overlap**

This commercial area does not overlap with any approved agriculture areas of interest.



|  |                                 |
|--|---------------------------------|
| <b>Operating Area Name:</b> Wych Hazel Pond (F-1C) | <b>Operating Area #</b> CC01020 |
| <b>NFS Inventory Map #:</b> 2352, 2404             | <b>NTS Map #:</b> 1N/ 7         |

**Description of Area:**

This area of crown land is located south of the community of Manuels and Conception Bay and North of Wych Hazel Pond. The area is located in the Maritime Forest Ecoregion.

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**Harvesting Activities:**

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

Inventory Softwood Volume: 8963 m<sup>3</sup>

Inventory Hardwood Volume:

Proposed Softwood Volume: 7282 m<sup>3</sup>

Proposed Hardwood Volume: 282 m<sup>3</sup>

Difference from Inventory to Proposed Volume: 16 %

Rationale for Difference: Inventory / blocking adjustment from woodsupply calculations and operational criteria of age class 4 and greater with minimal 60 m<sup>3</sup>/ha and greater

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**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.

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**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.

An extension of the Wych Hazel Pond resource road is planned for 2.24km.

Proposed 5 year access road construction: 2.24

Proposed 5 year stream crossings: 0

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**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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### **Agriculture Area of Interest Overlap**

This Commercial Operating area overlaps with an approved Agriculture Area of Interest.

|  |   |
|--|---|
| <b>Operating Area Name: Silviculture Management Zones 1-3; Tower Road Forest Management Area, Henders Forest Management Area and Joyce's Trail Forest Management Area.</b> | <b>Operating Area # CC01401,CC01402,CC01403</b> |
| <b>NFS Inventory Map #:</b>  | <b>NTS Map #: 1 N/3-1N/7</b>                    |

**Description of Area:**

Silviculture Management Zones were created to focus on regeneration of both harvested sites; both domestic and commercially harvested, and natural disturbance 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 zones encompass a large area of previously managed secondary cycle forests as well as naturally disturbed sites.

Zone 1 is a large area of crown land located west of the Deer Park Vineland Road Local Service District and continues into the Central Avalon just east of Whitbourne. It can be accessed off the Salmonier Line road using the Henders/ tower road or from the Fox Marsh Forest Access Road south of the TCH. The area is located in both the Avalon Forest Ecoregion and in the Maritime Forest Ecoregion.

Zone 2 is an area of crown land located to the west of the Deer Park Vineland Road Local Service District. It is accessed off the Salmonier Line road using the Henders road network. The area is located in the Avalon Forest Ecoregion.

Zone 3 is an area of crown land located off the Old Witless Bay line Road. Access is off the Witless Bay line to the North on Joyces Trail Resource road. The area is located in the Maritime Forest Ecoregion.

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**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.

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**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: 0

Proposed 5 year stream crossings: 0

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**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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|   |                             |
|---|-----------------------------|
| <b>Operating Area Name: Agriculture Areas of Interest</b> | <b>Operating Area #</b>     |
| <b>NFS Inventory Map #:</b>                               | <b>NTS Map #: 1N/5-1N/7</b> |

**Description of Area:**

A portion of commercial Operating areas within FMD 1 overlap with previously approved Agricultural Areas of Interest (AOI) that have the potential to be turned into agriculture developments within this 5 year planning period.

The commercial areas that overlap AOI's are as follows:

1. Argentia Agriculture Block- This area of crown land is located along the Argentia access road. The area is located in the Maritime Barrens Ecoregion.
  
2. Avondale Access- This area of crown land is located south of the Avondale Access Road off the TCH. The area is located in the Maritime Barrens Ecoregion.
  
3. Healey's Pond- This area of crown land is located to the west of the community of Whitbourne. Access is from the Placentia Junction road. The area is located in the Maritime Forest Ecoregion.
  
4. Murphy's Pond- This area of crown land is located to the west of the town of the Goulds and South of the City of Mount Pearl and St. John's. It is accessed from powers road/ northern pond road. It is located near Murphys Pond, Big Northern Pond and to the Southeast of Cochrane Pond. The terrain is relatively flat. The area is located in the Maritime Barrens Ecoregion.
  
5. Spread Eagle- This area of crown land is located West of the community of Whitbourne. It is West of Spread Eagle Peak and East of Second Island Pond. It is accessed off the TCH on the Spread Eagle Forest Access Road. The area is located in the Maritime Forest Ecoregion.
  
6. Wych Hazel Pond- This area of crown land is located south of the community of Manuels and Conception Bay and North of Wych Hazel Pond. The area is located in the Maritime Forest Ecoregion.

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**Harvesting Activities:**

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

Proposed Softwood Volume: 70339 m<sup>3</sup>

Proposed Hardwood Volume: 6119 m<sup>3</sup>

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**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.

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**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.

Only resource road construction within Commercial Operating Area Spread Eagle (K-8C) is planned. Construction of two resource roads; Spread Eagle East (1.04km) and Spread Eagle South (1.69km).

Proposed 5 year access road construction: 2.73

Proposed 5 year stream crossings: 0

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**Non timber Considerations and Mitigations:**

A 30 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.

All activities will be carried out under strict monitoring ensuring operations are compliant with Environmental Protection Guidelines.

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Pre-harvest plans will be conducted to identify any wildlife / non timber considerations

Rare Lichen surveys will be completed pre-harvest

No harvesting of hardwood

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