

Operating Area Name: Robinsons Pond Commercial	Operating Area #: CC14001
NFS Inventory Map #: M07012	NTS Map #: 12B/16

Description of Area:

Terrain conditions in this area can be described as good to moderate with its relatively even ground and moderate slope class. The forest in this area is Balsom Fir of age class 4 and 5. This area can be found east of the community of Cold Brook and nestled between the end of the Cold Brook and Logger School road systems.

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

- (1) Robinsons Pond Operating Map for details regarding geographic location, access road, water system, buffers, reserves and other physical features.
- (2) Forest Site Classification Manual Pg 6-4, 1A, Corner Brook sub region for details regarding soils, forest type and site productivity.
- (3) The above indicated maps: NFS Inventory Map & NTS Map.

Harvesting Activities:

Harvesting in this area will be conducted using conventional harvesting equipment. A mechanical harvesting system will be employed. Timber will be forwarded to roadside using a rubber-tired or tracked forwarder/porter.

Proposed Harvest during this plan: 27550m³ (Softwood)
 1300 m³ (Hardwood)

Silviculture Activities:

Reconnaissance surveys will be carried out on all cutovers and regenerating stands to determine adelgid presence and the need for planting and thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for planting and/or gap planting. Suitable regenerating stands will be candidates for thinning.

Primary Forest Access

Road Construction:

1.0 kilometers of new forest access road is proposed for construction during this plan

Non Timber Considerations And Mitigations;

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

A 20 meter buffer will be maintained on the streams as indicated on the operating area map.

There are no additional resource issues identified.

Operating Area Name: Woody Hill Commercial	Operating Area #: CC14003 (a,b,c)
NFS Inventory Map #: M08241	NTS Map #: 12B/9

Description of Area:

Terrain conditions in this area can be described as good to moderate with its relatively even ground and moderate slope class. The forest in this area is Balsom Fir of age class 4 and 5. This area can be found 23 km from Cold Brook on the Cold Brook forest access road.

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

- (1) Woody Hill Operating Map for details regarding geographic location, access Road, water system, buffers, reserves and other physical features.
- (2) Forest Site Classification Manual Pg 6-4, 1A, Corner Brook sub region for Details regarding soils, forest type and site productivity.
- (3) The above indicated maps: NFS Inventory Map & NTS Map.

Harvesting Activities:

Harvesting in this area will be conducted using conventional harvesting equipment. A combination of men with chainsaws and mechanical harvesting will be employed. Timber will be forwarded to roadside using a rubber-tired forwarder/porter.

Proposed Harvest during this plan: 13,650m³ (Softwood)
 1,510 m³ (Hardwood)

Silviculture Activities:

Reconnaissance surveys will be carried out on all cutovers and regenerating stands to determine adelgid presence and the need for planting and thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for planting and/or gap planting. Suitable regenerating stands will be candidates for thinning.

**Primary Forest Access
Road Construction:**

2.5 kilometers of new forest access road is proposed for construction during this plan

**Non Timber Considerations
And Mitigations;**

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

A 20 meter buffer will be maintained on the streams as indicated on the operating area map.

There are no additional resource issues identified.

Operating Area Name: Black Duck Commercial	Operating Area #: CK14006
NFS Inventory Map #: M08232, M08231	NTS Map #: 12B/9

Description of Area:

Terrain conditions in this area can be described as good to moderate with its relatively even ground and moderate slope class. The forest in this area is mainly bFwb and wBbF age class 3 and 4. This area can be found 5 kilometers on the forest access road behind the community of Black Duck.

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

- (1) Black Duck Operating Map for details regarding geographic location, access road, water system, buffers, reserves and other physical features.
- (2) Forest Site Classification Manual Pg. 6-4, 1B, St. George's Bay sub region for details regarding soils, forest type and site productivity.
- (3) The above indicated maps: NFS Inventory Map & NTS Map.

Harvesting Activities:

Harvesting in this area will be conducted using conventional harvesting equipment. A combination of men with chainsaws and mechanical harvesting will be employed. Timber will be forwarded to roadside using a rubber-tired forwarder/porter.

Proposed Harvest during this plan: 14,000 (Softwood)
 2,500 m³ (hardwood)

Silviculture Activities:

Reconnaissance surveys will be carried out on all cutovers and regenerating stands to determine adelgid presence and the need for planting and thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for planting and/or gap planting. Suitable regenerating stands will be candidates for thinning.

Primary Forest Access**Road Construction:**

1.2 kilometers of forest access road is proposed for construction during this plan.

**Non Timber Considerations
And Mitigations;**

A 20 meter buffer will be maintained on the streams as indicated on the operating area map.

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

This block is on CBPP Limits and Dept. of Fisheries and Land Resources will work with CBPP to coordinate activity in this area.

Operating Area Name: Southwest Brook Commercial	Operating Area #: CK14013
NFS Inventory Map #: M09544	NTS Map #: 12 B/8

Description of Area:

Terrain conditions in this area are considered moderate with relatively even ground and its steep to moderate slopes. The forest in this area is wBbF of age class 6 and bFwB age class 3. This block is located on the Burgeo Highway 20 Kilometers from the TCH. This block is on CBPP license under a Harwood agreement.

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

- (1) Southwest Brook Operating Map for details regarding geographic location, access road, water system, buffers, reserves and other physical features.
- (2) Forest Site Classification Manual Pg. 6-4, 1B, St. George's Bay sub region for details regarding soils, forest type and site productivity.
- (3) The above indicated maps: NFS Inventory Map & NTS Map.

Harvesting Activities:

Timber harvesting in this area will be done manually with chainsaw or mechanically and forwarded to roadside using a rubber tired forwarder/porter.

Proposed Harvest during this plan: 2406 m³ (Softwood)
 3359m³ (Hardwood)

Silviculture Activities:

Reconnaissance surveys will be carried out on all cutovers and regenerating stands to determine adelgid presence and the need for planting and thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for planting and/or gap planting. Suitable regenerating stands will be candidates for thinning.

**Primary Forest Access
Road Construction:**

None

**Non Timber Considerations
And Mitigations;**

A 20 meter riparian buffer will be maintained on streams as indicated on the operating area map.

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

This block is within a Pine Martin critical habitat area. DFNR will engage Wildlife Division and develop a management strategy that is consistent with pine marten habitat requirements.

Operating Area Name: Little Barachois Commercial	Operating Area #: CC14007
NFS Inventory Map #: M09542	NTS Map #: 12B/8

Description of Area:

Terrain conditions are described as poor to moderate as a result of the slightly uneven ground and moderate slopes. The forest within this operating area is comprised predominantly of Balsam Fir and White Birch; there is also a component of White Pine throughout the block. Age class 3, 4 and 5 accurately depicts age of the forest. This block is located 2 kilometers of Barachois Park.

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

- (1) Little Barachois Operating Map for details regarding geographic location, access road, water system, buffers, reserves and other physical features.
- (2) Forest Site Classification Manual Pg. 6-4, 1B, St. George's Bay sub region for details regarding soils, forest type and site productivity.
- (3) The above indicated maps: NFS Inventory Map & NTS Map.

Harvesting Activities:

Harvesting in this area will be conducted using conventional harvesting equipment. Timber will be felled with men using chainsaws or may also be harvested with a mechanical harvester and forwarded to roadside with a rubber-tired or tracked forwarder/porter.

Proposed Harvest during this plan: 4077m³ (Softwood)
 1779 m³ (Hardwood)

Silviculture Activities:

Reconnaissance surveys will be carried out on all cutovers and regenerating stands to determine adelgid presence and the need for planting and thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for planting and/or gap planting. Suitable regenerating stands will be candidates for thinning.

Primary Forest Access

Road Construction:

0.5 kilometers of forest access road will be constructed during this plan.

Non Timber Considerations

And Mitigations;

A 100 meter buffer will be maintained on Little Barachois River

A 1 kilometer buffer will be maintained on Barachois Park

Streams located within this operating area will have a 20 meter riparian buffer retained during harvest operations as indicated on the operating area map. .

No cutting of white pine will be permitted.

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

Operating Area Name: Magnetite Road Commercial	Operating Area #: CC14008
NFS Inventory Map #: M09531	NTS Map #: 12B/8

Description of Area:

The terrain conditions in this area are moderate to good with gentle to moderate slopes. The forest stand types are mainly Balsam fir with some mix of wB and bS, age class 5 with smaller amounts of 7 and 4. This block is located approximately 5 kilometers from the Town of St. George's.

A description of this area can best be interpreted from:

- (1) Magnetite Operating map for details regarding geographic location, access road, water system, buffers, reserves and other physical features.
- (2) Forest Site Classification Manual Pg. 6-4, 1B St. George's Bay sub region for details regarding soils, forest type and site productivity.
- (3) The above indicated maps: NFS Inventory Map & NTS Map.

Harvesting Activities:

Harvesting in this area will be conducted using conventional harvesting equipment. A combination of men with chainsaws and mechanical harvesting will be employed. Timber will be forwarded to roadside using a rubber-tired or tracked forwarder/porter.

Proposed Harvest during this plan: 20,400 m³ (Softwood)
7,136 m³ (hardwood)

Silviculture Activities:

Reconnaissance surveys will be carried out on all cutovers and regenerating stands to determine adelgid presence and the need for planting and thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for planting and/or gap planting. Suitable regenerating stands will be candidates for thinning.

Primary Forest Access Road Construction:

3.5 kilometers of new forest access road is proposed during this plan.

Non Timber Considerations And Mitigations;

This harvest block is entirely within the PPWSA for the Town of St. George's.

Note : This surface water supply has been replaced with an artesian system and is no longer used.

Environmental protection guidelines as well as regulations governing commercial forest activities inside a PPWSA will be followed.

There are no additional resource issues identified.

Operating Area Name: Flat Bay Hill Commercial	Operating Area #: CC14011
NFS Inventory Map #: M09531, M09521	NTS Map #: 12B/8

Description of Area:

Terrain conditions in this area can be described as good to moderate with its relatively even ground and moderate slope class. The forest in this area is a mix of White Birch and Balsam Fir of age class 4 and 5, 6 and 7. This area can be found 1 km from the TCH on the south side of Flat Bay River.

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

- (1) Flat Bay Hill Operating Map for details regarding geographic location, access Road, water system, buffers, reserves and other physical features.
- (2) Forest Site Classification Manual Pg. 6-4, 1B, St. George's Bay sub region for Details regarding soils, forest type and site productivity.
- (3) The above indicated maps: NFS Inventory Map & NTS Map.

Harvesting Activities:

Harvesting in this area will be conducted using conventional harvesting equipment. A combination of men with chainsaws and mechanical harvesting will be employed. Timber will be forwarded to roadside using a rubber-tired forwarder/porter.

Proposed Harvest during this plan: 1,753m³ (Softwood)
 1,504 m³ (Hardwood)

Silviculture Activities:

Reconnaissance surveys will be carried out on all cutovers and regenerating stands to determine adelgid presence and the need for planting and thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for planting and/or gap planting. Suitable regenerating stands will be candidates for thinning.

Primary Forest Access

Road Construction:

1.2 kilometers of new forest access road is proposed for construction during this plan

Non Timber Considerations And Mitigations;

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

A 20 meter buffer will be maintained on the streams as indicated on the operating area map.

Access through a private quarry road is required.
There are no additional resource issues identified.

Operating Area Name: Harrisons Brook West Commercial	Operating Area #: CC14014
NFS Inventory Map #: M10743	NTS Map #: 12B/2

Description of Area:

Terrain conditions are considered moderate to good with relatively even ground and moderate slopes. The forest in this block is Balsom Fir of age class 4 and 5. This area is nestled between Robinson's River and its tributary Northern Feeder a few kilometers east of where Robinson's River crosses the TCH.

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

- (1) Harrisons Brook West Operating Map for details regarding geographic location, Access road, water system, buffers, reserves and other physical features.
- (2) Forest Site Classification Manual Pg 6-4, 1B, St. George's Bay sub region for details regarding soils, forest type and site productivity.
- (3) The above indicated maps: NFS Inventory Map & NTS Map.

Harvesting Activities:

Harvesting in this area will be conducted using conventional harvesting equipment. A combination of men with chainsaws and mechanical harvesting will be employed. Timber will be forwarded to roadside using a rubber-tired forwarder/porter.

Proposed Harvest during this plan: 9,100m³ (Softwood)
 2,200m³ (Hardwood)

Silviculture Activities:

Reconnaissance surveys will be carried out on all cutovers and regenerating stands to determine adelgid presence and the need for planting and thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for planting and/or gap planting. Suitable regenerating stands will be candidates for thinning.

Primary Forest Access**Road Construction:**

0.5 kilometers of new road is proposed

**Non Timber Considerations
And Mitigations;**

A 100 meter and 50 meter buffer respectively will be maintained around the scheduled salmon waters of Robinson's River and its tributary Northern Feeder.

There is 1 known cabin in the area and a 20 meter buffer will be maintained. Environmental protection guidelines as well as regulations governing commercial forest activities will be followed.

Operating Area Name: Harrisons Brook East Commercial	Operating Area #: CC14015
NFS Inventory Map #: M10743, M10744	NTS Map #: 12B/2

Description of Area:

Terrain conditions are considered moderate to good with relatively even ground and moderate slopes. The forest in this block is Balsam Fir of age class 4 and 5. This area is nestled between Robinson's River and its tributary Northern Feeder a few kilometers east of where Robinson's River crosses the TCH.

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

- (1) Robinsons North Operating Map for details regarding geographic location, access road, water system, buffers, reserves and other physical features.
- (2) Forest Site Classification Manual Pg 6-4, 1B, St. George's Bay sub region for details regarding soils, forest type and site productivity.
- (3) The above indicated maps: NFS Inventory Map & NTS Map.

Harvesting Activities:

Harvesting in this area will be conducted using conventional harvesting equipment. A combination of men with chainsaws and mechanical harvesting will be employed. Timber will be forwarded to roadside using a rubber-tired or tracked forwarder/porter.

Proposed Harvest during this plan: 11,475 m³ (Softwood)
 5,150m³ (Hardwood)

Silviculture Activities:

Reconnaissance surveys will be carried out on all cutovers and regenerating stands to determine adelgid presence and the need for planting and thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for planting and/or gap planting. Suitable regenerating stands will be candidates for thinning.

Primary Forest Access**Road Construction:**

1.5 kilometers of new forest access road will be constructed

**Non Timber Considerations
And Mitigations;**

A 100 meter buffer will be maintained around the scheduled salmon waters of Robinson's River. Environmental protection guidelines as well as regulations governing commercial forest activities will be followed.

A portion of the block (approx. 100 hectares) indicated by red cross-hatching on the Operating Area Map) falls within Pine Marten Critical Habitat. DFLR will engage Wildlife Division and develop a forest management strategy that is consistent with Pine Marten habitat requirements.

Operating Area Name: Middle Barachois Commercial	Operating Area #: CC14018
NFS Inventory Map #: M10743	NTS Map #: 12B/2

Description of Area:

Terrain conditions in this area can be described as good to moderate with its relatively even ground and moderate slope class. The forest in this area is mainly Balsam Fir with some bS and wB of age class 4 and 5. This area can be found just east of Middle Barachois River.

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

- (1) Middle Barachois Operating Map for details regarding geographic location, access road, water system, buffers, reserves and other physical features.
- (2) Forest Site Classification Manual Pg 6-8, 1C, Codroy sub region for details regarding soils, forest type and site productivity.
- (3) The above indicated maps: NFS Inventory Map & NTS Map.

Harvesting Activities:

Harvesting in this area will be conducted using conventional harvesting equipment. A combination of men with chainsaws and mechanical harvesting will be employed. Timber will be forwarded to roadside using a rubber-tired forwarder/porter.

Proposed Harvest during this plan: 12,300m³ (Softwood)
 3,500 m³ (hardwood)

Silviculture Activities:

Reconnaissance surveys will be carried out on all cutovers and regenerating stands to determine adelgid presence and the need for planting and thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for planting and/or gap planting. Suitable regenerating stands will be candidates for thinning.

**Primary Forest Access
Road Construction:**

3.0 kilometers of forest access road is proposed for construction during this plan.

**Non Timber Considerations
And Mitigations;**

A 100 meter buffer will be maintained on Middle Barachois River.

A 20 meter buffer will be maintained on the streams as indicated on the operating area map.

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

There are no additional resource issues identified.

Operating Area Name: Mitchell's Pond Commercial	Operating Area #: CC14019
NFS Inventory Map #: M10742, M10743	NTS Map #: 12B/2

Description of Area:

Terrain conditions in this area can be described as good to moderate with its relatively even ground and moderate slope class. The forest in this area is Balsom Fir of age class 3. This area can be found just west of Crabbe's River Park.

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

- (1) Mitchell's Pond Operating Map for details regarding geographic location, access road, water system, buffers, reserves and other physical features.
- (2) Forest Site Classification Manual Pg 6-8, 1C, Codroy sub region for details regarding soils, forest type and site productivity.
- (3) The above indicated maps: NFS Inventory Map & NTS Map.

Harvesting Activities:

Harvesting in this area will be conducted using conventional harvesting equipment. A combination of men with chainsaws and mechanical harvesting will be employed. Timber will be forwarded to roadside using a rubber-tired forwarder/porter.

Proposed Harvest during this plan: 17,530 m³ (Softwood)
 4255 m³ (hardwood)

Silviculture Activities:

Reconnaissance surveys will be carried out on all cutovers and regenerating stands to determine adelgid presence and the need for planting and thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for planting and/or gap planting. Suitable regenerating stands will be candidates for thinning.

Primary Forest Access

Road Construction:

None

**Non Timber Considerations
And Mitigations;**

A 100 meter buffer will be maintained on Middle Barachois River

A 20 meter buffer will be maintained on the streams as indicated on the operating area map.

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

There are no additional resource issues identified.

Operating Area Name: O'Regans Commercial	Operating Area #: CC14021
NFS Inventory Map #: M12033, M12034	NTS Map #: 110/14

Description of Area:

Terrain conditions are described as moderate to good as a result of the slightly uneven ground and moderate slopes. The forest within this operating area is comprised predominantly of pure White and Yellow Birch with stands of Balsom Fir found in the western portion of the block. Age class 5 and 6 accurately depicts age of the forest. This block is located just north of the community of O'Regans.

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

- (1) O'Regans Operating Map for details regarding geographic location, access Road , water system, buffers, reserves and other physical features.
- (2) Forest Site Classification Manual Pg 6-8, 1C, Codroy sub region for details regarding soils, forest type and site productivity.
- (3) The above indicated maps: NFS Inventory Map & NTS Map.

Harvesting Activities:

Harvesting in this area will be conducted using conventional harvesting equipment. Timber will be felled with men using chainsaws and forwarded to roadside using a skidder. A portion of the area may also be harvested with a mechanical harvester and forwarded to roadside with a rubber-tired forwarder/porter/skidder.

Proposed Harvest during this plan: 10,856 m³ (Softwood)
 22,911 m³ (Hardwood)

Silviculture Activities:

Reconnaissance surveys will be carried out on all cutovers and regenerating stands to determine adelgid presence and the need for planting and thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for planting and/or gap planting. Suitable regenerating stands will be candidates for thinning.

Primary Forest Access

Road Construction:

1.3 kilometers of forest access road will be constructed during this plan.

Non Timber Considerations And Mitigations;

Streams located within this operating area will have a 20 meter riparian buffer retained during harvest operations as indicated on the operating area map.

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

Operating Area Name: Brooms Brook west Commercial	Operating Area #: CC14024
NFS Inventory Map #: M12022, M12032	NTS Map #: 11O/14

Description of Area:

Terrain conditions in this area are described as moderate due to the uneven ground and moderate to steep slopes. The forest in this operating area is predominantly Balsom Fir of age class 6 and 5. This block is nestled in and adjacent to private land in the Codroy Valley west of the community of Millville.

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

- (1) Brooms Brook Operating Map for details regarding geographic location, access road, water system, buffers, reserves and other physical features.
- (2) Forest Site Classification Manual Pg 6-8, 1C, Codroy sub region for details regarding soils, forest type and site productivity.
- (3) The above indicated maps: NFS Inventory Map & NTS Map.

Harvesting Activities:

This area is proposed as an alternate area in the unlikely event that another operating area becomes unavailable for harvest.

Timber will be harvested using a mechanical harvester or manually with chainsaws and forwarded to roadside using a rubber-tired forwarder/porter.

Proposed Harvest during this plan: 2,870 m³ (Softwood)
 530 m³ (Hardwood)

Silviculture Activities:

Reconnaissance surveys will be carried out on all cutovers and regenerating stands to determine adelgid presence and the need for planting and thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for planting and/or gap planting. Suitable regenerating stands will be candidates for thinning.

Primary Forest Access**Road Construction:**

None. This block requires access through a private woodlot road.

**Non Timber Considerations
And Mitigations;**

Small streams are located along the western boundary and in the northeast portion of the block. 20 meter riparian buffers will be maintained on these streams as indicated on the operating area map. Environmental protection guidelines as well as regulations governing commercial forest activities will be followed. This block requires access through Private Land. Additional resource concerns are not present.

Operating Area Name: Grand Daddys Commercial	Operating Area #: CC14025
NFS Inventory Map #: M12032	NTS Map #: 110/14

Description of Area:

Terrain conditions in this area are considered moderate to good with relatively even ground and its gentle to moderate slopes. The forest in this area is Balsom Fir of age class 4 and 6. This block is located directly north of the mouth of the Grand Codroy River and the community of Millville.

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

- (1) Grand Daddys Operating Map for details regarding geographic location, access road, water system, buffers, reserves and other physical features.
- (2) Forest Site Classification Manual Pg 6-8, 1C, Codroy sub region for details regarding soils, forest type and site productivity.
- (3) The above indicated maps: NFS Inventory Map & NTS Map.

Harvesting Activities:

This area has been active since the year 2000. Timber harvested in this area will be manually felled (chainsaw) and piled and forwarded to roadside using a rubber tired forwarder/porter.

Proposed Harvest during this plan: 7900 m³ (Softwood)
 630m³ (Hardwood)

Silviculture Activities:

Reconnaissance surveys will be carried out on all cutovers and regenerating stands to determine adelgid presence and the need for planting and thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for planting and/or gap planting. Suitable regenerating stands will be candidates for thinning.

Primary Forest Access Road Construction:

None

Non Timber Considerations And Mitigations;

A 20 meter riparian buffer will be maintained on Grand Daddy's Brook as well as tributaries located within this operating area as indicated on the operating area map.

There is one known cabin in the area and a minimum 20 meter buffer will be maintained. Environmental protection guidelines as well as regulations governing commercial forest activities will be followed. The Cape St. John proposed protected area (NASP) is adjacent to this operating boundary. There are no roads proposed within 500 meters of the Cape St. John NASP area.

Operating Area Name: Low Brook Commercial	Operating Area #: CC14026
NFS Inventory Map #: M12031, M12032	NTS Map #: 110/14

Description of Area:

Terrain conditions are considered moderate with its somewhat uneven ground and moderate slopes. The forest in this area is mainly Balsom Fir of age class 3. This operating area can be found along the coast at Cape Anguille, near the community of Codroy.

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

- (1) Low Brook Operating Map for details regarding geographic location, access road, water system, buffers, reserves and other physical features.
- (2) Forest Site Classification Manual Pg 6-8, 1C, Codroy sub region for details regarding soils, forest type and site productivity.
- (3) The above indicated maps: NFS Inventory Map & NTS Map.

Harvesting Activities:

The operating area has a large hardwood component mixed in over mature balsam fir stands. The operator in the area has a small allocation of 350 m³ that will be harvested with a mechanical harvester and forwarded to roadside with a rubber-tired forwarder/porter.

Proposed Harvest during this plan: 23,959 m³ (Softwood)
 2,280 m³ (Hardwood)

Silviculture Activities:

Reconnaissance surveys will be carried out on all cutovers and regenerating stands to determine adelgid presence and the need for planting and thinning. Suitable cutovers that are not satisfactorily regenerated will be candidates for planting and/or gap planting. Suitable regenerating stands will be candidates for thinning.

Primary Forest Access**Road Construction:**

16 kilometers of new forest access road are proposed for harvest during this five year plan.

**Non Timber Considerations
And Mitigations;**

A 20 meter buffer will be maintained on streams as indicated on the operating area map.

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

No other resource concerns have been noted.

Operating Area Name: Crabbes River Hardwood Commercial	Operating Area #: CK14027
NFS Inventory Map #: M10723, M10733,	NTS Map #12B/2

Description of Area:

Terrain conditions in this area can be described as moderate to good with its relatively even ground and moderate slope class. The forest in this area is mostly wBbF of age class 3 to 5. This area can be found 6 kilometers from the TCH on the eastside of Crabbes River. This area is on CBPP license and the softwoods were harvested in 2017.

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

- (1) Crabbes River Operating Map for details regarding geographic location, access road, water system, buffers, reserves and other physical features.
- (2) Forest Site Classification Manual Pg. 6-8, 1C, Codroy sub region for details regarding soils, forest type and site productivity.
- (3) The above indicated maps: NFS Inventory Map & NTS Map.

Harvesting Activities:

Harvesting in this area will be conducted using conventional harvesting equipment. A combination of men with chainsaws and mechanical harvesting will be employed. Timber will be forwarded to roadside using a rubber-tired forwarder/porter.

Proposed Harvest during this plan: 427m³ (Softwood) 10 % by catch
 4278m³ (hardwood)

Silviculture Activities:

This area is in the Agriculture area of Interest and no silviculture is proposed

Primary Forest Access Road Construction:

No new road construction is proposed

Non Timber Considerations And Mitigations;

A 100 meter buffer will be maintained on Crabbes River

A 20 meter buffer will be maintained on the streams as indicated on the operating area map.

A 20 meter buffer will be maintained on remote cabins

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

There are no additional resource issues identified.

Operating Area Name:

FMD 14 – Domestic Cutting Areas

Operating Area Numbers:

CC14501	CC14502	CC14503
CC14504	CC14506	CC14509
CC14510	CC14515	CC14516
CC14518	CC14519	CC14522
CC14526	CC14527	CC14528
CC14529	CC14530	CC14531
CC14532	CC14534	CC14541
CC14542	CC14543	CC14545
CC14546	CK14549	CK14550
CK14551	CK14552	CK14554
CK14555	CK14556	CK14557
CK14558	CK14559	

Description of Area:

Domestic area CC14501 is located at the Port au Port peninsula.

Domestic area CC14502 is in the Point au Mal area.

Domestic area CC14503 is in the Stephenville area.

Domestic area CC14504 is in the Stephenville Crossing area.

Domestic area CC14506 is in the Main Gut area

Domestic area CC14509 is in the Little Barachois area.

Domestic area CC14510 is in the St. Georges area

Domestic area CC14515 is in the Flat Bay area

Domestic area CC14516 is in the Heatherton area

Domestic area CC14518 is in the Mine Road area

Domestic area CC14519 is in the Jeffreys area

Domestic area CC14522 is in the St. Fintans area

Domestic area CC14526 is in the Highlands area

Domestic area CC14527 is in the South Branch area

Domestic area CC14528 is in the Overfalls Brook area

Domestic area CC14529 is in the Limestone Brook area

Domestic area CC14530 is in the Oregans area

Domestic area CC14531 is in the Codroy area

Domestic area CC14532 is in the St. Andrews area.

Domestic area CC14534 is in the Port au Basques area

Domestic area CC14541 is in the South Coast area

Domestic area CC14542 is in the Burgeo area

Domestic area CC14543 is in the Cold Brook area

Domestic area CC14545 is in the Journois Brook area

Domestic area CC14546 is in the Lake layden area

Domestic area CK14549 is in the Round Valley area

Domestic area CK14550 is in the Morris Brook area

Domestic area CK14551 is in the Bauld Mountain area

Domestic area CK14552 is in the Camp 180 Road area

Domestic area CK14554 is in the Camp 185 Road area
Domestic area CK14555 is in the Southwest Brook area
Domestic area CK14556 is in the Robinsons River area
Domestic area CK14557 is in the Black Duck area
Domestic area CK14558 is in the Camp 38 Road area
Domestic area CK14559 is in the Whites Road area

Harvesting Activities:

Timber in domestic cutting areas is for the most part not considered economically viable and is not considered for large scale commercial operations. Domestic harvesting is permitted during the summer months, however, would likely occur in the winter using chainsaws with extraction by snowmobile or ATV.

Cutting Conditions Applied to Permits:

- Crown domestic permits are issued for 22 m³/permit/year in FMD 14 with the exception of Port au Port which permit are issued for 14 m³/permit/year.
- All Crown domestic permits in District 14 are issued for the harvesting of mature timber comprised of softwood and hardwood.
- All domestic permits on Kruger Tenure are issued for 22 m³/permit/year for HARDWOODS only. Hardwoods are white birch, yellow birch under 50 cm dbh, cherry, poplar, larch
- Permittee permitted to choose two areas per permit.
- Permittee not permitted to cut or damage immature timber.
- Permittee MUST HAVE cutting permit in their possession when cutting/transporting wood
- All garbage must be removed from the cutting area to an approved waste disposal site
- Logging debris is not to be disposed in or on any pond, brook, roadside or ditch.
- All logs must be piled in such a manner that the pile can be scaled.
- Permittee not permitted to cut or damage silviculturally treated timber.
- Permittee shall utilize all portions of trees harvested to a top diameter of 8 cm and stump heights are not to exceed 15 cm.
- Sawlog sized timber harvested which is suitable for sawlogs must be utilized as sawlogs.
- Permittee must comply with Forest Fire Regulations during the forest fire season.
- No harvesting within 20 meters of all waterbodies unless otherwise advised through individual cutting permit conditions.
- No harvesting of white pine or red pine (dead or alive)
- ALL RED STAIN WOOD is to be utilized.
- Cutting of deadwood and blowdown is permitted within 100 meters of the center line of any highway maintained by the Department of Transportation and Works, excluding private property and Municipal Land.

Silviculture Activities:

- Not Applicable

Primary Forest Access Road Construction:

- Not Applicable

Non Timber Considerations and Mitigations:

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

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

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

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

Domestic Area Number	Water Supply Area	Community
Port au Port CC14501	Rouzes Brook WS-S-0121	Cape St. George, Red Brook, Degrau, Marches Point
	Victor’s Brook WS-S-0430	Lourdes + West Bay
	Piccadilly Head WS-S-0539	Piccadilly Head + West Bay
Stephenville CC14503	Stephenville Wellheads WS-G-0716	Stephenville
St. George’s CC14510	St. George’s WS-S-0689	St. George’s

Commercial Operating Area Sheet

Operating Area Name: Governors Pond	Operating Area No.: CK15005
NFS Inventory Map No.: 04931, 04932, 04933,04921, 04922, 04911, 04912	NTS Map No.: 12H/05

Description of Area

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

Harvesting Activities

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

Proposed commercial softwood harvest:	20,000 m ³
Proposed commercial hardwood harvest:	100 m ³
Proposed domestic softwood harvest:	5,700 m ³ (42 domestic permits issued in 2017)

Silviculture Activities

The only issue to be addressed in this area is softwood regeneration failures since balsam fir (bF) is accepted as the most desirable species for the site and past history indicate sufficient stocking to bF after harvesting. However, any cutovers with insufficient stocking will be planted. Also, if areas of past operations where over stocked is a problem and aphid is not a limiting factor to yield, PCT will be prescribed to concentrate growth on crop trees.

Primary Forest Access and Road Construction

Proposed access road construction: 0 km
 Proposed stream crossings: 0

Non-timber Considerations and Mitigations

None

Commercial Operating Area Sheet

Operating Area Name: Mackenzies Brook	Operating Area No.: CC15006
NFS Inventory Map No.: 4932, 4933	NTS Map No.: 12H/05

Description of Area

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

Harvesting Activities

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

Proposed commercial softwood harvest: 19,000 m³
 Proposed commercial hardwood harvest: 300 m³

Silviculture Activities

The only issue to be addressed in this area is softwood regeneration failures since balsam fir (bF) is accepted as the most desirable species for the site and past history indicate sufficient stocking to bF after harvesting. However, any cutovers with insufficient stocking will be planted. Also, if areas of past operations where over stocked is a problem and aphid is not a limiting factor to yield, PCT will be prescribed to concentrate growth on crop trees.

Primary Forest Access and 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), the contractor is required to make application to obtain gravel pit site approval from Crown Lands.

Proposed access road construction: 3.75 km
 Proposed stream crossings: 1

Non-timber Considerations and Mitigations

Gros Morne National Park

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

Commercial Operating Area Sheet

Operating Area Name: Bonne Bay Big Pond	Operating Area No.: CC15009
NFS Inventory Map No.: 4923, 4924, 4933, 4934	NTS Map No.: 12H/05

Description of Area

The area is located east of Little Bonne Bay Pond. The timber rights for this area are exchanged from CBPPL to Crown until 2019, and are currently being re-negotiated. The forest stands are mostly regenerating softwoods in the intermediate age class and terrain in this area is very steep. The area is located in the Corner Brook Subregion of the Western Newfoundland Forest Ecoregion.

Harvesting Activities

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

Proposed commercial softwood harvest: 3,125 m³
 Proposed commercial hardwood harvest: 300 m³
 Proposed domestic softwood harvest: 665 m³ (31 domestic permits issued in 2017)

Silviculture Activities

The only issue to be addressed in this area is softwood regeneration failures since balsam fir (bF) is accepted as the most desirable species for the site and past history indicate sufficient stocking to bF after harvesting. However, any cutovers with insufficient stocking will be planted. Also, if areas of past operations where over stocked is a problem and aphid is not a limiting factor to yield, PCT will be prescribed to concentrate growth on crop trees.

Primary Forest Access and 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), the contractor is required to make application to obtain gravel pit site approval from Crown Lands. No stream crossings will be required.

Proposed access road construction: 3.0 km
 Proposed stream crossings: none

Non-timber Considerations and Mitigations

Gros Morne National Park

Issue: Viewshed

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

Wildlife Division

Issue: This cut block intersects with Newfoundland Marten critical habitat and core area.

Mitigation: An adaptive management plan will be developed and managed cooperatively by the Department of Natural Resources - Center for Forest Science and Innovation, and the Department of Environment and Conservation - Wildlife Division.

NL Snowmobile Federation (NLSF)

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

Mitigation: A 20 meter no cut buffer on either side of NLSF licensed trail.
A 100 metre buffer is established along the Lomond River and 50 metres along Line Brook to protect salmon habitat. This block is on CBPPL Limits and Fisheries and Land Resources will work with CBPPL to coordinate activity in this area.

Commercial Operating Area Sheet

Operating Area Name: South Brook	Operating Area No.: CC15014
NFS Inventory Map No.: 7144	NTS Map No.: 12A/13

Description of Area

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

Harvesting Activities

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

Proposed commercial softwood harvest: 20,000 m³
 Proposed commercial hardwood harvest: 300 m³

Silviculture Activities

The only issue to be addressed in this area is softwood regeneration failures since balsam fir (bF) is accepted as the most desirable species for the site and past history indicate sufficient stocking to bF after harvesting. However, any cutovers with insufficient stocking will be planted. Also, if areas of past operations where over stocked is a problem and aphid is not a limiting factor to yield, PCT will be prescribed to concentrate growth on crop trees.

Primary Forest Access and 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), the contractor is required to make application to obtain gravel pit site approval from Crown Lands.

Proposed access road construction: 1.75 km
 Proposed stream crossings: 1

Non-timber Considerations and Mitigations

None

Operating Area Name:

FMD 15 – Domestic Cutting Areas

Operating Area Numbers:

CC15501	CC15502	CC15503
CC15504	CC15509	CC15512
CC15513	CC15514	CC15515
CC15516	CC15517	CC15518
CC15520	CC15521	CC15522
CC15523	CC15524	CC15525
CK15519		

Description of Area:

Domestic area CC15501 is behind the community of Sally’s Cove on the Northern Peninsula.

Domestic area CC15502 is east of the community of Rocky Harbour in Bonne Bay.

Domestic area CC15503 is on the south side of Southern Arm in Bonne Bay from Glenburnie to Much’s Point.

Domestic area CC15504 is located south of the community of Trout River

Domestic area CK15006 is located in the northern most portion of District 15. This is a commercial block in which we allow domestic cutting. The commercial area in this block is signed on the ground to advise public of commercial designation.

Domestic area CC15509 is located east of Little Bonne Bay Pond

Domestic area CC15512 is located near the narrows of Goose Arm in the Bay of Islands.

Domestic area CC15513 is Northside of the Humber Arm in the Bay of Islands (Gillams and Meadows)

Domestic area CC15514 is at the Head of Humber Arm in the Bay of Islands (Hugh’s Brook and Wild Cove)

Domestic area CC15515 is on the south side of the Bay of Islands, south of the Ring Road near Corner Brook.

Domestic area CC15516 is located on the south side of the Bay of Islands, near Mount Moriah.

Domestic area CC15517 is on the south side of the Bay of Islands from Cook’s brook to Frenchman’s Cove

Domestic area CC15518 is on the south side of the Bay of Islands, near Lark Harbour and Your Harbour.

Domestic area CK15519 is Northside of the Humber Arm in the Bay of Islands, near McIvers and Cox’s Cove

Domestic area CC15520 is in the Humber Valley near Little Rapids.

Domestic area CC15521 is in the Humber Valley near Pasadena.

Domestic area CC15522 is in the Humber Valley near St. Jude’s

Domestic area CC15523 is in the Humber Valley on the north side of Deer Lake

Domestic area CC15524 is in the Humber Valley near Goose Arm Road

Domestic area CC15525 is located near Bonne Bay Big Pond to the west of the Viking Trail.

Harvesting Activities:

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

Cutting Conditions Applied to Permits:

- Crown domestic permits are issued for 23 m³/permit/year in FMD 15 for the following areas CC15501, CC15502, CC15503 CC15504, CK15509, CC15521 all other areas receive 15 m³/permit/year.

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

Silviculture Activities:

- Not Applicable

Primary Forest Access Road Construction:

- Not Applicable

Non Timber Considerations and Mitigations:

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

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

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

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

Domestic Area Number	Water Supply Area	Community
Rocky Harbour CC15502	Gull Pond WS-S-0624 Norris Point WS-S-0502	Rocky Harbour Norris Point
Woody Point CC15503	Groucher's Brook WS-S 0281	Glenburnie - Birchy Head - Shoal Brook
Old Man's Pond CC15512	Cox's Brook WS-S0201	Cox's Cove
Gillams CC15513	Meater's Pond WS-S0454 Cox's Brook WS-S0201	Meadows, Summerside West Cox's Cove
Wild Cove CC15514	Reservior WS-S-0366	Hughes Brook
Benoits Cove CC15517	Dormody's Brook WS-S0367 Gurges Pond WS-S-0881	Halfway Pond, Benoit's Cove, John's Beach Frenchman's Cove
Lark/York Harbour C15518	Fair Fax Brook – Lark Harbour	Lark Harbour
Mclvers/Coxs Cove CK15519c	Cox's Brook WS-S-0201	Cox's Cove
Mclvers/Coxs Cove CK15519d	Cox's Brook WS-S-0201	Cox's Cove
Pasadena CC15521	Steady Brook WS-S0712 Transmission Pond WS-S-0530 Blue Gulch Pond WS-S-0882	Steady Brook Pasadena Pasadena
Deer Lake North CC15523	Chute Brook WS-S-0817 Humber Canal WS-S-0214	St. Jude's Reidville