

NAME OF UNDERTAKING: Deadwater Brook Agriculture Land Development Project
Parcel "A" & Parcel "B"

PROPONENT:

(i) **Name of Corporate Body:** Department of Fisheries and Land Resources

(ii) **Address:** P.O. Box 2006, Herald Towers, Corner Brook, NL, A2H 6J8

(iii) **Chief Executive Officer:**

Name: Mr. Richard Carey

Official Title: Director of Land Management Division

Address: P.O. Box 2006, Herald Towers, Corner Brook, NL, A2H 6J8

Telephone No: (709) 637-2081

(iv) **Principal Contact Person for purposes of environmental assessment:**

Name: Coolene Brake

Official Title: Land Management Specialist

Address: P.O. Box 2006, Herald Towers, Corner Brook, NL, A2H 6J8

Telephone No.: (709) 637-2896

THE UNDERTAKING:

(i) **Name of the Undertaking:** Deadwater Brook Agriculture Land Development Project

Parcel "A" W-151672 & Parcel "B" W-151673

(ii) **Purpose/Rationale/Need for the Undertaking:**

To complete a pilot project to undertake large-scale land development on priority areas of interest, with the objective of offering agriculture leases that are more advanced in their productive capacity and readiness. Parcel "A" and Parcel "B" of this project entails an application to Crown lands for approximately 154.11 Ha or 380 Acres. The objective will enable new entrants to the farming industry to become profitable earlier.

This land is located within the Department's Agricultural Area of Interest or AOI (Figure 2). These areas are of significant agricultural importance and have been identified based on soil capability, proximity to existing agriculture operations and the need for additional agricultural lands. This land has been previously vetted through the Interdepartmental Land Use Committee as well.

DESCRIPTION OF THE UNDERTAKING:

(i) Geographical Location:

The parcel of land of interest is located near Deadwater Brook approximately 20 kilometers north of Deer Lake, on the west coast of the island portion of Newfoundland and Labrador. The area is located adjacent to existing farms, at the edge of the farming community of Cormack within the Humber Valley Agriculture Development Area. (Figure 1)

Adjacent land use entails agriculture properties to the South and the remaining land is Crown land. There have been ongoing forestry operations in the area as well.

(ii) Physical Features:

The terrain in this area is undulating to gently rolling where drier hummocks are dissected by poorly drained soils in the lower landscape positions. The soils developed on sandy loam till derived from red sandstone conglomerate, sandstone and siltstone. Soils on the drier hummocks are well to imperfectly drained and stones and boulders are variable.

The dominant tree species is Balsam Fir and to a lesser extent, White Birch. The understory consists primarily of dry ground mosses, ferns and bunchberry. There is one very small dome bog in this area. There are several small streams in the area and Deadwater Brook is a Scheduled Salmon River. Portions of the property remain untouched and therefore wildlife normally found in Newfoundland and Labrador forests may be present.

(iii) Construction:

Portions of this undertaking was cutover in 2016 as part of the 5-year Forest Management plan; other portions of Parcel "A" & "B" will be cutover by Fall 2017 as part of the same plan. Commercial harvesters will be on site and petroleum products will be required for the operation of machinery in the area.

Land clearing including but not limited to; removal of trees, rocks, stumps, and roots, will begin by an approved contractor once the approved lease area has been surveyed and title issued.

There are no significant sources of pollution anticipated during construction. All work will be completed according to the "Environmental Farm Practice Guidelines for Livestock Producers" (2001, Department of Natural Resources) and the Environmental Farm Practice Guidelines for Horticulture Producers" (2001, Department of Natural Resources). Deadwater Brook is a Scheduled

Salmon River and as such proper buffers and mitigation measures will be adhered to, to ensure proper care is given to the waterbody and its surroundings. Due to these buffers being implemented the actual area of the undertaking will be reduced to approximately 128.4 Ha or 317 Acres.

(iv) Operation:

Upon completion of trees being harvested by mechanical harvesters/manually and removed using forwarders, the undertaking will require the site to be grubbed off or the excavation and disposal of stumps and roots, boulders and rock fragments. Any depressions made by the grubbing process will be filled in with onsite useable organics where possible.

Other operators to onsite may include transport truck drivers, harvesting equipment operators and will require petroleum products to be onsite for the operation of machinery in the area.

Deadwater Brook is a Scheduled Salmon River and a minimum 90 meter undisturbed buffer is to be maintained between operations and any surrounding this watercourse to protect its integrity and soils. All other small watercourses is to maintain a 30 meter buffer. The Site is to be cleared and ready for cultivation and issuance to new entrant farmer by March 30, 2018.

(v) Occupations:

Development Phase:

- commercial harvesters NOC 8241
- commercial excavating contractors NOC 7302
- wood transportation operators NOC 7511
- NL Land surveyor NOC 2154

Production Phase (Upon Transfer):

- Farm operator and associated staff NOC 8431

(vi) Project Related Documents:

Appendix A: General Location 1:50,000 photo-image (Figure 3)
 Detailed Location 1:15,000 photo-image (Figure 4)

Crown Land Application #151672 & #151673, in progress

APPROVAL OF THE UNDERTAKING:

- Crown Land Lease –Department of Fisheries and Land Resources (Crown Lands Branch)
- Approval of submission to Environmental Assessment – Department of Municipal Affairs and Environment
- Pesticide Applicators License – Department of Municipal Affairs and Environment
- Cutting permit – Department of Fisheries and Land Resources (Forestry and Wildlife Branch)
- Operating Permit (if during Forest Fire Season)

- May require Water Resources Permit(s)
- Development permit from the Town of Cormack
- Online Self Assessment - Department of Fisheries and Oceans

SCHEDULE:

Commercial Harvesting operations started in 2016 in this area and will continue through to Fall of 2017. Site is to be cleared and ready for cultivation and assignment to new entrant farmer by March 30, 2018.

June 22, 2017

Date

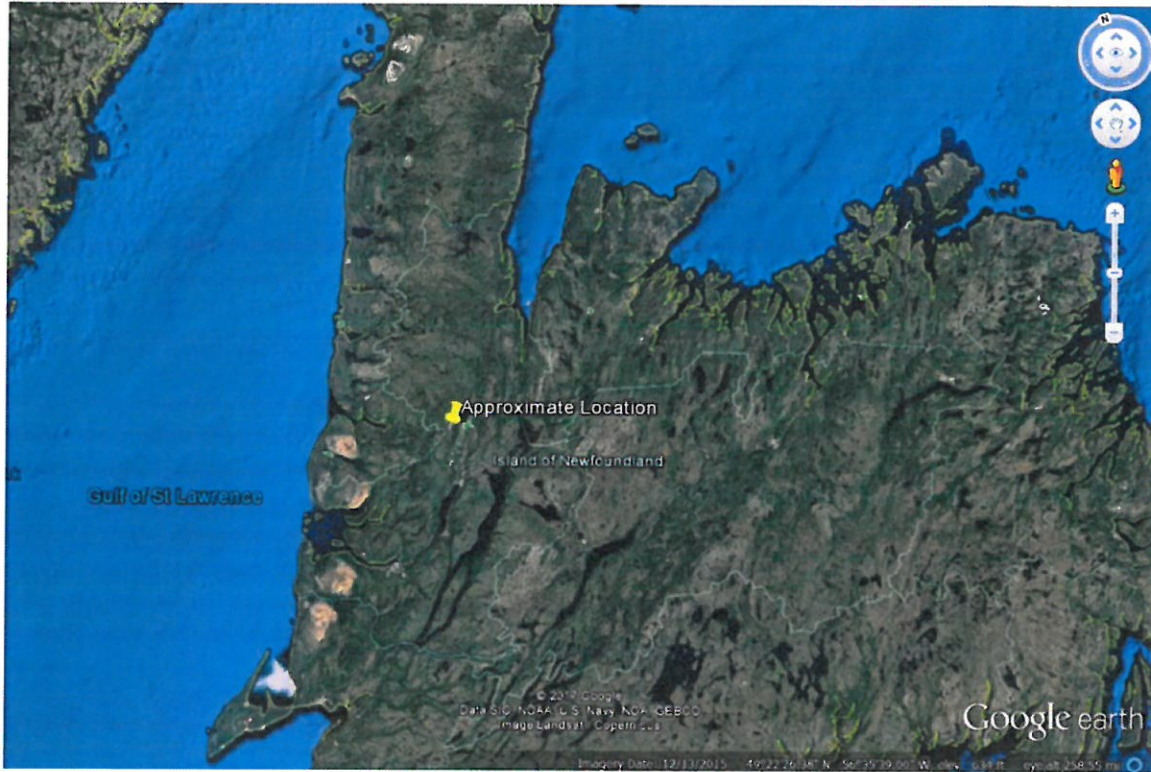
Richard Carey

Signature of Director of Land Management Division

The completed Registration and the digital and paper copies should be sent, together with a covering letter, to:

Minister of Municipal Affairs and Environment
PO Box 8700
St. John's NL A1B 4J6
Attention: Director of Environmental Assessment




Figure 1

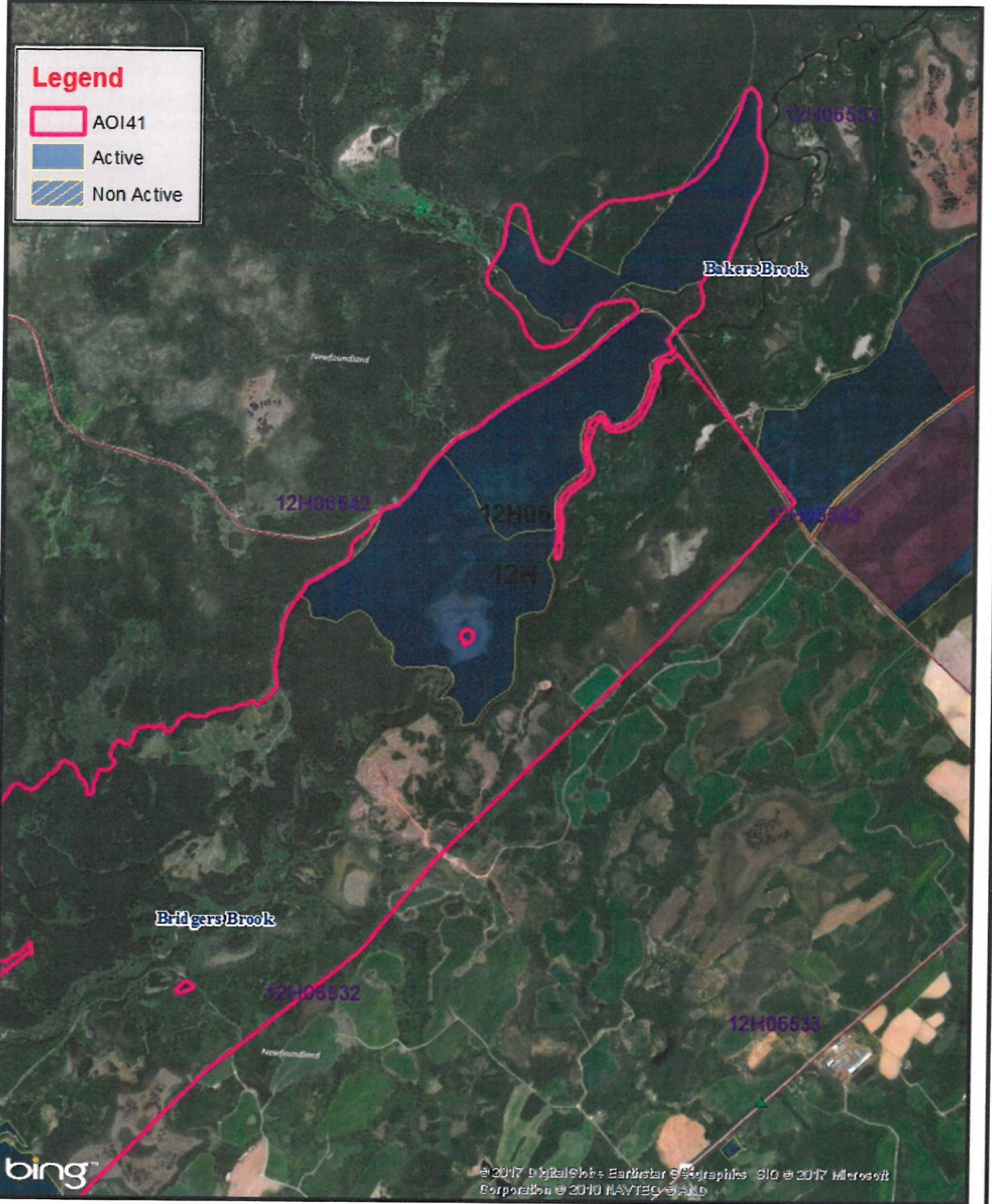


Department of Fisheries & Land Resources
Figure 2



Legend

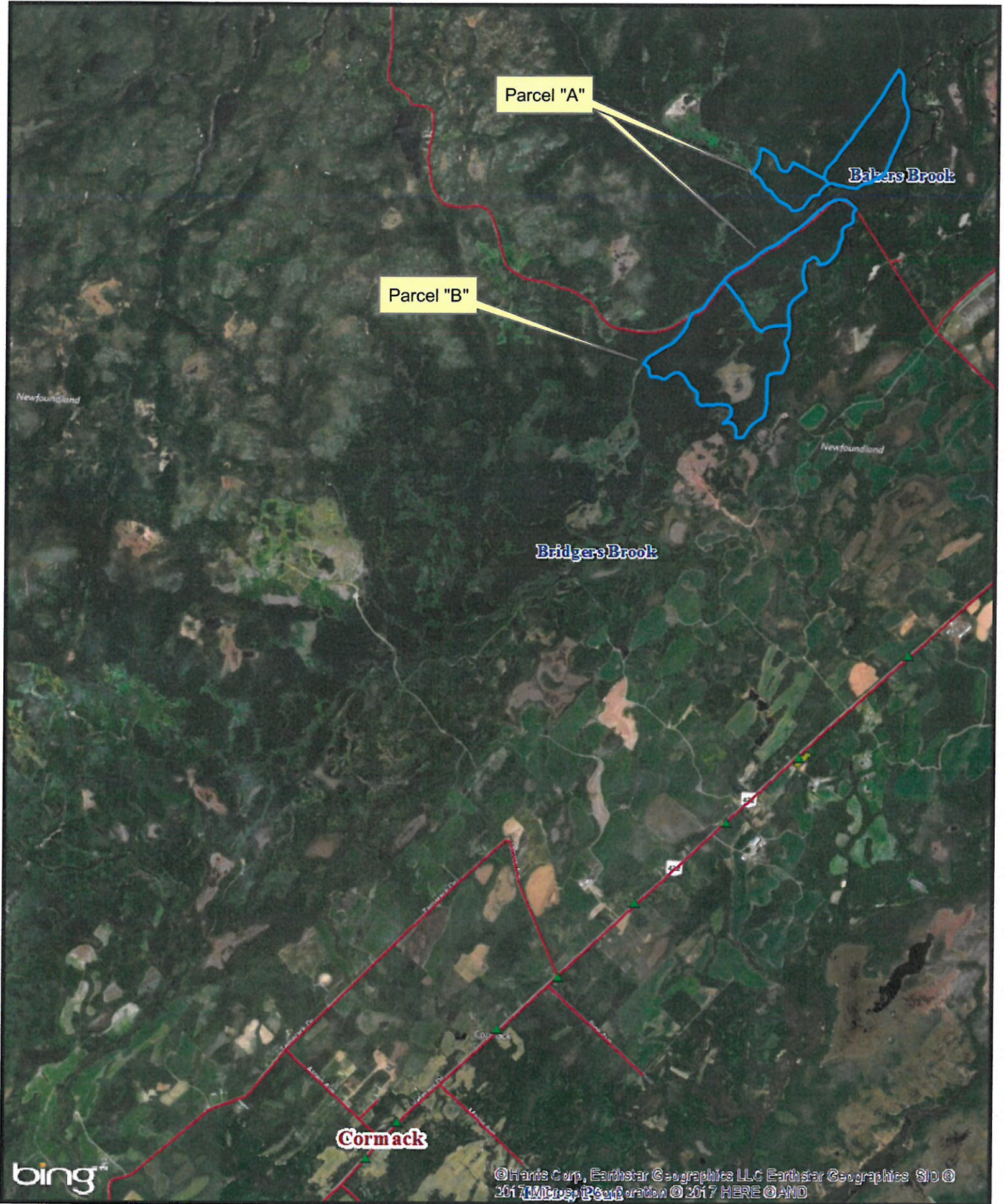
-  AOI41
-  Active
-  Non Active



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Scale 1:22,500

Department of Fisheries & Land Resources
Figure 3



Department of Fisheries & Land Resources
Figure 4

