

**REGISTRATION FORM
PURSUANT TO SECTION 49 OF
THE *ENVIRONMENTAL PROTECTION ACT* (2002)**

NAME OF UNDERTAKING: Forest Management District 19a
Five Year Operating Plan
2003 – 2007 (Silviculture Amendment).

PROPONENT:

- (i) **Name of corporate body:** Department of Natural Resources
- (ii) **Address:** P.O. Box 3014, Stn “B”
Happy Valley – Goose Bay, NL
A0P 1E0
- (iii) **Chief Executive Officer:**
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- (iv) **Principal contact person for purposes of environmental assessment:**
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THE UNDERTAKING:

(i) Nature of the undertaking:

Amendment to proposed silviculture area and road construction as outlined in the Forest Management District 19a Five Year Operating Plan (2003-2007)

(ii) Purpose/Rationale/Need for the undertaking:

The purpose of this amendment is to plant forest land that was burned during a forest fire in 1985. As a result of the fire, the area experienced 100% tree mortality. Subsequent reconnaissance work in the area has indicated that regeneration of forest tree species is below acceptable levels. There is ample opportunity for reforestation work and opportunity for employment and direct and indirect benefits to the District. In addition, an existing access road will have to be extended to access the amended silviculture area.

DESCRIPTION OF THE UNDERTAKING:

(i) Geographic Location

Forest Management District 19a is generally referred to as Central Labrador. The location of the silviculture and road construction amendment is approximately 40 kilometers north of the town of Happy Valley – Goose Bay along the Grand Lake Forest Access Road (NTS map # 13F/10). The area is located south of Cape Caribou River. The attached 1:50,000, 1:45,000 and 1:30,000 maps outline general and exact locations.

(ii) Physical Features

This amendment covers 180 ha of proposed planting area and includes the construction of 5.0 kilometers of forest access road. Site descriptive characteristics include sandy loam soil type with few stones/boulders and good drainage. Duff thickness is in the range of 8 to 20 cm, with rooting depth ranging from 30 to 50 cm. The topography of the area is classified as rolling (10 – 30 % slope) and vegetative competition is ranked at < 25% of stocking. Ground vegetation types include blueberry, partridge berry, lichens, sedges, and Labrador tea.

(iii) Construction

Not applicable.

(iv) Operations

The proposed access road activity will consist of the construction of 5.0 km of secondary road to be built to a Newfoundland Forest Service “D” class standard. Road construction is estimated to take approximately two months to complete the job.

The proposed silviculture activity will consist of the manual planting of greenhouse-reared, containerized black and white spruce tree seedlings. The seedlings were grown at DNR’s Happy Valley-Goose Bay Tree Nursery from a local seed source. The planting operation is expected to take approximately three weeks to complete.

Potential sources of pollution could be garbage from operators and possible fuel and/or lubricant spills from road construction equipment. Silviculture activities and access road construction activities are subject to the *Forestry Act* and its regulations, and other related legislation. As well, all forest activities are subject to the Environmental Protection Guidelines.

(v) Occupations

Occupations associated with the road construction will consist of: heavy equipment operators (7421); truck drivers (7411); and foremen/women (7217) associated with road construction. Occupations associated with the tree planting activity will consist of: forest technicians (2223), and logging and forestry laborers (tree planters)(8616)..

(vi) Project Related Documents:

Forest Management District 19a, Five Year Operating Plan, 2003-2007, Forest Management District 19a Forest Ecosystem Strategy Plan 2003-2023, Crown contract documents.

APPROVAL OF THE UNDERTAKING:

Silviculture Amendment:

- ILUC review
- Operating permit available from District 19 Forest Management office
- Stream crossing permits (as required) from DFO

Road Construction Amendment:

- ILUC review
- Operating permit available from District 19 Forest Management office
- Stream crossing permits (as required) from DFO

- Commercial cutting permit available from District 19 forest management office

SCHEDULE:

All activities within this amendment are scheduled to take place between July 01, 2007 and December 31, 2007. The Newfoundland Forest Service requests a decision within 45 days after the Minister of Environment and Conservation receives the completed registration form.

FUNDING:

These projects will be carried out subject to annual Departmental funding.

Date

Chief Executive Officer