

NAME OF UNDERTAKING: Crown Land Application No. 132763
Forage Land

PROPOSER: Clifford Pelley

(i) Name of Corporate Body: N & O Forage Producers Inc.
(ii) Address: P. O. Box 5913
Clarenville, NL
A0C 1Z0

(iii) Chief Executive Officer:

Name: Clifford Pelley
Official Title: Owner
Address: Same as Above
Telephone No.: (709)663-3022

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

Name: Clifford Pelley
Official Title: Owner
Address: Same as Above
Telephone No.: (709)663-3022

THE UNDERTAKING:

(i) Nature of the Undertaking: This project involves the development of approximately 47 Ha (116 ac.) of productive agricultural land within a 50 Ha (123 ac.) Crown land agricultural lease.

(ii) Purpose/Rationale/Need for the Undertaking: To increase the productive land base of N & O Forage Producers Inc. in order to become self sufficient in forage production.

DESCRIPTION OF THE UNDERTAKING:

(i) Geographical Location: The site is off the Harcourt Resource Road, Harcourt. There is an existing access road to the site. Maps are attached in Appendix "A".

(ii) Physical Features: The development of forage fields will require the removal of all vegetation, removal of stumps and stones, leveling, addition of soil amendments and planting of forage seeds. Forage crops will include grasses, legumes and corn. There will be no buildings or other constructed farm infrastructure associated with this project.

Within the agriculture lease all arable soils will be developed for forage production. Areas which cannot be developed due to slope, wetness, bedrock, stoniness, etc. will be maintained in their natural condition and act as natural buffers. Also all riparian zones will not be developed.

The attached soils maps (Appendix "A") outlines the suitable and unsuitable sites for development. Only suitability ratings A2, and A3 will be cleared for forage production.

(iii) Construction (if applicable): Land clearing and development will take place in 2009. It is anticipated that all arable land will be developed over a 10 year period.

There are no significant sources of pollution anticipated during construction. All work will be completed according the Environmental Farm Practice Guidelines for Livestock Producers (2001,Dept.of Natural Resources). There are no potential causes of resource conflicts identified. The area of crown land applied for has been approved through the Crown Land referral process and all relevant government departments have had the opportunity to identify land use conflicts. Merchantable timber will be harvested by individuals designated by the Forestry Branch.

(iv) Operation: Once the fields have been developed all arable land will be put into forage production on an ongoing basis for the life of the farm. Depending on the specific forage crop this will include the regular addition of soil amendments such as, limestone, chemical fertilizers, and dairy manure. Hay crops will be harvested twice per season, with multiple manure applications per season (usually three applications per year). Forage corn is harvested once per season with two applications of manure per year(spring and fall). Normal farm operations include the use of agricultural herbicides including broad spectrum defoliants such as *Roundup* and selective defoliants such *Converge Pro*. All herbicides are approved for agricultural use and are applied by a licensed applicator.

All farm operations in the project area will be carried out according to the Environmental Farm Practice Guidelines for Livestock Producers (2001,Dept.of Natural Resources) to ensure that there are no impacts on the environment and the surrounding area.

(v) Occupations: All work on this project will be carried out by farm employees using equipment owned by the farm. It is anticipated that during the construction phase 2 or 3 new employees will be hired for this project and once the full area is put into production that it will require an additional 3 farm employees to be hired during the growing season.

(vi) Project-Related Documents:

1. Maps
2. EFP Guidelines

APPROVAL OF THE UNDERTAKING:

- 1) Crown Lands Lease - Dept. of Environment and Conservation
- 2) Pesticide Applicators License - Dept. of Environment and Conservation

SCHEDULE:

Land clearing will begin in the spring or fall of 2009. Land clearing will take place over a 10 year period



SIGNATURE



DATE

Map Sheet 02C04





