

**NAME OF UNDERTAKING:** Crown Land Application No. 130932 -  
Forage Land

**PROPONENT:** Fraser Greening  
(i) Name of Corporate Body: Triple "G" Farms  
(ii) Address: P. O. Box 21  
Musgravetown, NL  
A0C 1Z0

(iii) Chief Executive Officer:  
Name: Fraser Greening  
Official Title: Owner  
Address: Same as Above  
Telephone No.: (709)467-5476

(iv) Principal Contact Person for purposes of environmental assessment:  
Name: Fraser Greening  
Official Title: Owner  
Address: Same as Above  
Telephone No.: (709)467-5476

**THE UNDERTAKING:**

(i) Nature of the Undertaking: This project involves the development of approximately 224.3 Ha (554.2 ac.) of productive agricultural land within a 437.1 Ha (1080 ac.) Crown land agricultural lease.

(ii) Purpose/Rationale/Need for the Undertaking: To increase the productive land base of Triple "G" Farms in order to become self sufficient in forage production.

**DESCRIPTION OF THE UNDERTAKING:**

(i) Geographical Location: The site is off the Jacks Pond Resource Road, Lethbridge. There is an existing access road to the site. Maps are attached in Appendix "A". The site is situated within the Lethbridge/Musgravetown Agriculture Development area.

(ii) Physical Features: This project will include a Class C-2 gravel access road and the development of forage fields. 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 A1, A2, and A3 will be cleared for forage production.

(iii) Construction (if applicable): The existing access road for the project will be upgraded in the spring/summer of 2008. Land clearing and development will also take place in 2008. 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 will be harvested by individuals designated by the Forestry Branch.

(iv) Operation: Once the access road is completed and 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 defoliant such as *Roundup* and selective defoliant 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 2008. Land clearing will take place over a 10 year period

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SIGNATURE

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DATE