

**ENVIRONMENTAL ASSESSMENT REGISTRATION PURSUANT TO
SECTION 49 OF THE ENVIRONMENTAL PROTECTION ACT**

NAME OF UNDERTAKING:

SHEEP FARM - BARTON, TRINITY BAY

PROPONENT:

(i) *Name of Corporate Body:*

**Reg Gardner
o/a Barton Sheep Farm**

(ii) *Address:*

**Barton, Trinity Bay
c/o Mr. Reg Gardner
593 Pondtail Court
Oshawa, ON
L1K 2C7
Tel: (905) 723-2868
Fax: (905) 723-2868
Email: lgardner@allstream.net**

(iii) *Chief Executive Officer:*

**Mr. Reg Gardner
Sole Proprietor
593 Pondtail Court
Oshawa, ON
L1K 2C7
(905) 723-2868**

(iv) *Principal Contact:*

Same as above

THE UNDERTAKING:

▪ *Nature of the Undertaking:*

Proposed development of a sheep farm at a site in Barton, Trinity Bay. The farm is being established to meet the growing demand for meat and sheep products in the province of Newfoundland and Labrador and the rest of Canada. Farm construction is proposed to begin May of 2005.

The project proponent, Mr. Reg Gardner has been successfully self-employed for the past 12 1/2 years in various businesses such as commercial satellite installation, small engine repair and a handyman service. He also has worked part-time for two years on a sheep farm in Ontario.

▪ *Purpose/Rationale/Need for the Undertaking:*

The proponent, Mr. Reg Gardner, sees the market in Newfoundland and Labrador has a great potential for growth. Newfoundland has many of the attributes for successful sheep farming but approximately only 28% of the current local demand for lamb is being met through local production, which means some 19,000 lambs are imported to Newfoundland from New Zealand annually.

DESCRIPTION OF THE UNDERTAKING:

▪ *Geographical Location:*

The proposed site, of approximately 264 acres, is located near Barton, Smith Sound, Trinity Bay. The farm site is located north west of Smith Sound Provincial Park and approximately midway between Ryders Brook and Snooks Brook. The farm will be situated on Crown Land. The nearest residence is approximately 1/2 kilometer to the southwest. The access road will be on the north side of Route 232. Maps of the proposed site are attached in Appendix A. These maps include an overall site map and site layout plan showing the proposed location for the land clearing and sheep sheds. The main farm area will be situated approximately 1000 feet from Route 232 with a treed buffer maintained to limit exposure. The land base is currently in a wooded state. The site slopes slightly from south to north.

- ***Physical Features:***

Physical requirements for the sheep farm to be added to the site include sheep sheds, access road, hay barn, tool and equipment storage shed, and perimeter fencing. The majority of the land will be cleared over several years to provide rotating foraging pastures for the sheep and for the production of hay.

Road

Access to the site from the north side of Route 232 will be obtained by constructing a road approximately 1000 feet by 20 feet wide situated at the west end of the site approximately 1.6 kilometers from the Ryders Brook bridge. No water bodies are to be crossed in construction of the required access.

Sheep Sheds

Five sheep sheds will be constructed to shelter 100 sheep each, measuring 30 wide feet by 70 feet long. The sheds that are to be constructed using simple post and beam with galvanized sheeting for roofing and walls and with an earth floor. See picture in Appendix B.

Hay Barn

A hay barn will be constructed measuring 20 feet by 60 feet. The sheds that are to be constructed using simple post and beam with galvanized sheeting for roofing and walls and with an earth floor.

Tool and Equipment Storage Shed

One shed approximately 1,000 square feet will be constructed on-site to provide storage for equipment and materials.

Perimeter Fencing

Some of land will be divided into 8.8 acres parcels (approximately 400 feet by 960 feet) which will be used for pastures. These sections will be fenced with 6-strand four-foot high electric fence in order to keep predators out. These electrical fences are not harmful to human handling. See Appendix C for fencing diagram.

Water Supply

The water supply will be taken from an artesian well.

Manure Handling

All sheep sheds will be cleaned in the spring and fall and the manure will be immediately spread on the hay fields as organic fertilizer.

▪ ***Construction:***

Project construction is projected to occur from May 2005 through to 2010. Construction will be undertaken in a staged approach to meet the requirements of the expanding farm and the lease agreement. Following are the projected construction requirements for each phase.

▪ ***2005***

Clear 40 acres of land for pasture
Clear 10 acres for hay production
Construct 2 sheep sheds

▪ ***2006***

Clear 40 acres of land for pasture
Clear 10 acres for hay production
Construct 2 sheep sheds

▪ ***2007***

Clear 30 acres of land for pasture
Clear 10 acres for hay production

▪ ***2008***

Clear 30 acres of land for pasture
Construct 1 sheep shed

▪ ***2009***

Clear 60 acres of land for hay production

▪ ***2010***

Clear balance of the land for hay production

▪ ***Operation:***

In the fall of 2005, Barton Sheep Farm will have approximately 100 breeding ewes and 4 rams. Breeding of the ewes will commence in December with lambs arriving in May. The farm will have approximately 500 sheep in 4 years time with approximately 1,000 lambs been born annually. The lambs will be put out to pasture for the summer and early fall to prepare for shipment to an existing off-site slaughterhouse in October and November.

▪ ***Occupations:***

I do not anticipate hiring any full time staff but may require seasonal help during lambing season. During construction phase I will be hiring a company to remove the trees from the land.

APPROVAL OF THE UNDERTAKING:

Approvals required for the construction and operations phases for Reg Gardner o/a Barton Sheep Farm include the following:

- Crown land approval - Department of Environment and Conservation, Lands Branch - Application submitted, Application # 126974. File # 1030841 - Eastern Office.
- Permit required from the GSC (Government Services Center) for manure handling and storage.
- Permit required from Forestry for timber cutting and burning.
- Permit required from Water Resources Division for ground water will permit.

SCHEDULE:

The initial land development and construction phase for this project must be started by May 01, 2005. Land clearing and leveling and the installation of the perimeter fencing must be completed prior to the arrival of the breeding stock in September 2005.

FUNDING:

Funding for this operation will consist primarily of owner investment. Mr. Gardner plans to apply for assistance through Agricultural Policy Framework (APF) and ACOA. No approvals have been granted to date.

Mr. Reg Gardner
Owner

Date