

Registration Pursuant to Section 49 of
the Environmental Protection Act

1.

NAME OF UNDERTAKING :

GLENFAIR FARMS CRANBERRY
& FORAGE FARM DEVELOPMENT

PROPOSER:

- | | |
|-------------------------------|---|
| I. Name of Corporate Body: | Glenfair Farms Ltd. |
| II. Address: | P.O. Box 759
Bishop's Falls, NL
A0H 1C0 |
| III. Chief Executive Officer: | Mr. Art Gill
P.O. Box 759
Bishop's Falls, NL
A0H 1C0
709-489-6414 (phone)
709-489-0348 (fax) |
| IV. Principal Contact: | Mr. Art Gill
P.O. Box 759
Bishop's Falls, NL
A0H 1C0
709-489-6414 (phone)
709-489-0348 (fax) |

The Undertaking:

Art Gill of Wooddale, Newfoundland and Labrador is planning to develop and operate a Cranberry and Forage operation on 150 acres of peat land now under application from Crown Lands Division of Department of Natural Resources.

Description of the Undertaking:

(1) Geographical Location:

The peat bog under application is located in the Wooddale North area approximately 5 km North or Northeast of Jewer's Brook that drains into Peter's Arm River in the East end of Wooddale. The site is located about 11 km from the New Bay Road. This peat bog is under Application # 133798 dated May 4, 2009. Total bog area is approximately 150 acres - map is attached.

(2) Physical Features:

The site is totally peat bog. No draining or ditching has *been* done. It is completely surrounded by Crown Land on the North, South, East and West. A recently installed water line servicing the towns of Botwood and Peterview from the Northern Arm Lake water supply runs by the South side of this bog. The development of this bog is for Cranberry and Forage production and will not have any consequences on the water line. The area is considered to be a dome bog sloping North on one side toward Northern Arm River for about 4175 feet distance and sloping South on the opposite side toward Peter's arm River for a distance of 2500 feet. The bog is situated in a general North East / South West direction - map is attached.

(3) Construction:

The site will be designed by an appropriate engineering consultant and in consultation with agricultural staff. Work will be carried out over a period of 2 to 5 years with approximately a 10 acre Cranberry field and 10 acre Forage field developed by 2010 and additional amounts each year thereafter. The actual size of the fields will be determined by engineering advice.

- Cranberry fields will be developed by removing top layer of vegetation and peat to be used to form berms around the field.
 - Irrigation pond for water storage.
 - Sediment pond for holding discharge water.
 - Installation of water control structures.
 - Installation of drainage tile in Cranberry bed.
 - Berms around fields will be developed into roads approximately 6 to 8 ft wide to service area.
 - Approximately 20 cm (6" to 8 ") of sand to be laid over Cranberry bed
- I. Forage fields to be ditched by Dondi Ditcher and the water drained into irrigation ponds for Cranberry production and / or irrigating Forage fields.
 - II. Rotovator Shredder to be used to shred vegetation on peat bog.
 - III. Leveling bog to prepare for forage production; limestone to be applied to neutralize acidity to improve Forage production.

Possible sources of pollution would come from machinery working with both Cranberry and Forage development. Diesel fuel and lubricants used in the operation of excavators, farm tractors, dump trucks, etc.. Fueling and servicing will not be done on the actual job site but at a specified site off the bog where conditions can be strictly controlled. No fuels or lubricants will be stored on site. These products will be transported to the site from our home base at Wooddale, approximately 10 km away. There would appear to be no cause for resource conflicts.

(4) Operations:

Management and production of Cranberry will be ongoing yearly. After preparation of the beds, seedlings will be transplanted and allowed to produce. To harvest, the bed is flooded with about 40 - 45 cm of water, berries are dislodged from the plant by a "Cranberry Beater", gathered by a boom and loaded in containers by a conveyor system for shipment.

The flood water is then drained to the next field through a controlled drainage system for similar harvesting or drained into a sediment pond to be used later as required.

Agriculture operational procedures will meet appropriate environmental standards for sustainable agriculture.

During the operational period potential contaminants will include chemicals used in the Cranberry operation within Newfoundland and Labrador and could include registered products for:

- Herbicides; Devrinol Callisto, Roundup
- Insecticides; Sevin, Diazinon
- Fungicides; Bravo, Furban
- Fertilizer; 17-17-17 / 50lbs/acre, 46-0-0 / 10 lbs/acre

Operational sources of pollution would be pretty much the same as for construction, no fuels or lubricants will be stored on site. Refueling and servicing will be done at a controlled site off bog with supplies transported from home base on a daily basis or on an "as needed" basis.

No buildings will be constructed in the area. Refuse and human waste will be disposed of as per regulations of the Department of Environment and Conservation.

For Forage Production: Upon completion of construction of fields for Forage production, quantities of fertilizer and limestone will be applied and cultivated in the soil and seeded. Fertilizer and lime applications will be determined by soil samples and recommendations from the Soils and Plants Lab at St. John's. Harvesting is done by farm tractors and mowers equipped with 4 wheel drive and extra flotation tires for bog operations. Forage is then baled and wrapped with plastic for preservation by similar type equipment and transported to home base to be used as livestock feed. Few, if any, pesticides will be used in the production of Forage, reducing the risk of pollution. Fuel and lubricants for machinery operation will not be stored on site but will be transported daily or on an " as needed basis" from home base.

(5) Occupations:

1. General Manager
2. Design Engineer (Contractor)
3. Grower
4. Pesticide Applicator
5. Labourers (3) (Part time)
6. Excavator Operator
7. Electrician (Contractor)
8. Mechanic

(6) Project Related Documents

4.:

Crown Land Application # 133798 May 4, 2009

Approval of Undertaking:

Following is a list of main permits, licenses and approvals required for this project.

<u>Approval / Certification / License / Permit</u>	<u>Authority</u>
Environmental Registration	Dept. Of Environment & Conservation
Environmental Assessment Approval	Dept. Of Environment & Conservation
Crown Land	Dept. Of Environment & Conservation (received)
Fuel Storage & Handling	Dept. Of Government Services (received)
Pesticides (applicator/operator)	Dept. Of Environment & Conservation (received)
Water Use License	Dept. Of Environment & Conservation
Permit to Alter a Body of Water	Dept. Of Environment & Conservation
Workers Health & Safety Compensation	Workplace Health Safety & Compensation Commission

Schedule:

The earliest construction start date is July 2010, the latest being September 2010. Construction will then be conducted over two years.

Funding:

No application for funding at this time. Typical cost of Cranberry bed development is approximately \$30,000 - \$35,000 / acre. Cost of Forage development is approximately \$5,000 / acre

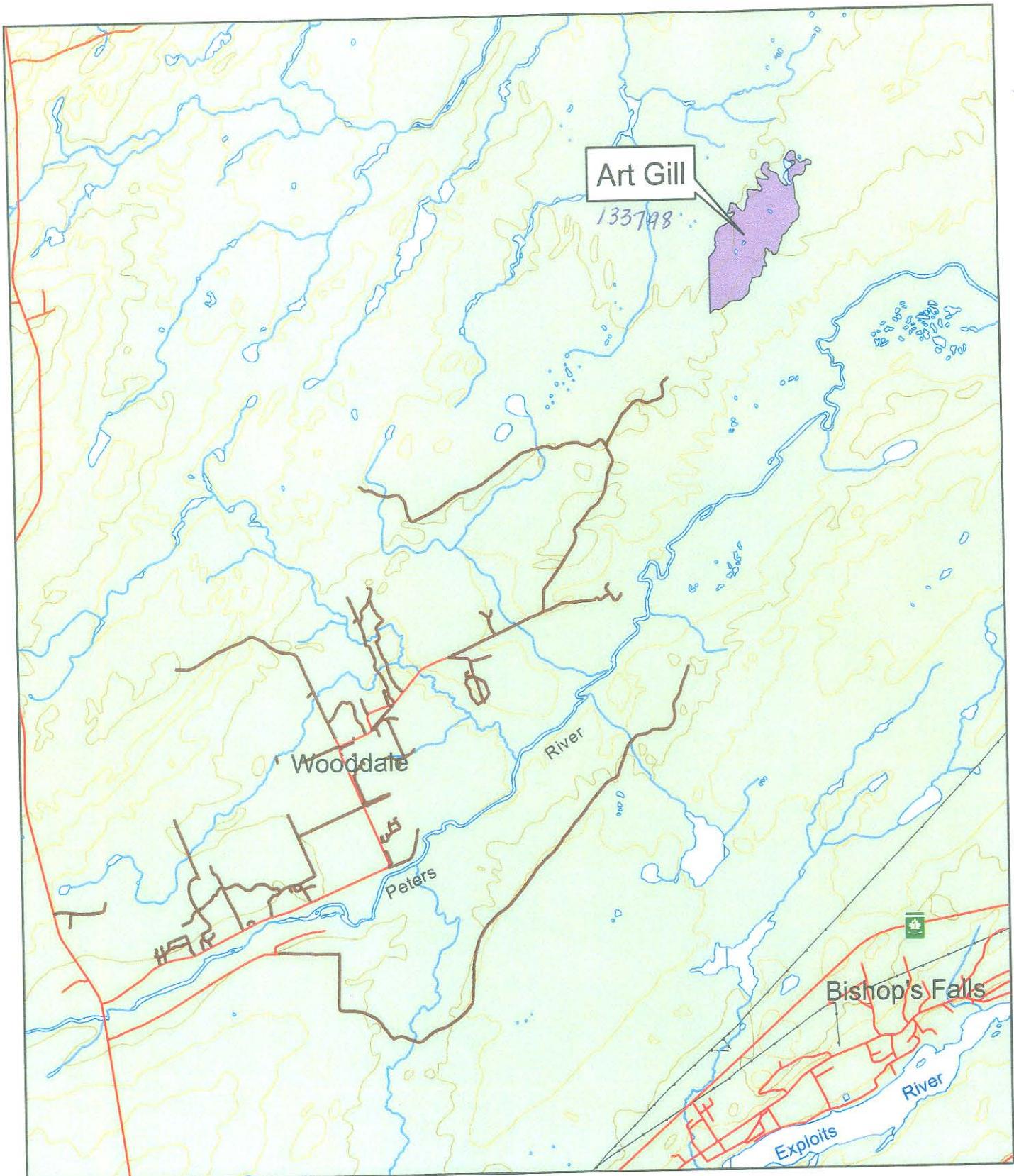
Date

July 6-09

Sept 22-09

Art Gill (Owner / Operator)

Notice



NTS Mapsheet 2E3 / 2E4

1:50,000

Meters

0 500 1,000 2,000 3,000 4,000 5,000

Location Map

Site Location

Art Gill

