

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

**NAME OF UNDERTAKING:**

**GLENFAIR FARMS CRANBERRY FARM  
DEVELOPMENT**

**PROPONENT:**

- (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:**

Mr. Art Gill of Wooddale, Newfoundland and Labrador is planning to develop and operate a Cranberry Farm on a plot of land currently owned by the proponent and previously used for forage development.

## **Description of the Undertaking:**

### **(i) Geographical Location:**

Located in the Wooddale agriculture zone, approximately six kilometers in from New Bay Road. The site is defined by agriculture lease number 81992, issued in December 1989. The total size of the site is approximately 50 acres. See attached location maps.

### **(ii) Physical Features:**

The site is comprised primarily of a peat bog. The bog has been ditched and drained and since 1990 has been utilized by the proponent for forage production for livestock. The site is bound by the Wooddale Access Road to the North, Crown Land to the East, Peter's River to the South, and lease number 84029 to the West. The areas high point is located to the North and gently slopes to the South. This slope will be utilized in bed development to enable gravity flow of water. Access to the site is available off the Wooddale Access Road.

### **(iii) Construction:**

Subject to final design engineering and consultation. Work to be carried out over two years with a total of approximately 25 acres (10.1 Ha) of cranberry field beds being developed, at a rate of around 12-13 acres per annum. Fields will be developed at a consistent width of 150 ft (46 m), with a length based on site layout and topography of up to 2,300 ft (700 m).

Construction will consist of:

- Cranberry bed development, consisting of removing a layer of peat to level the bed, with the spoil to be used for the berm construction;
- Construction of Irrigation/Sediment Pond;
- Installation of water control structures;
- Installation of drainage tile in the bed;
- Development of a farm service road on top of the berms which will be approximately 6m wide and considered part of the berm construction;
- Placement and leveling of approximately 20cm of sand on new cranberry beds.

The potential sources of pollutants during the construction period are associated with machinery diesel fuel and lubricants. Machinery such as farm tractors, excavators, and dump trucks will be refueled and lubricated on mineral soil - off the construction site. Refuse and human waste will be disposed and addressed using procedures specified by the Department of Environment and Conservation.

Year 1 – Start as soon as finances are secured, commencing to develop 12-13 acres of cranberry producing fields.

Year 2 – Develop 12-13 acres of cranberry producing fields.

**(iv) Operations:**

Long term management of a producing cranberry farm with a goal of being a model steward to the environment. No resource conflicts are expected throughout the life of this development.

Harvesting normally consists of flooding each field with approximately 45cm of water, independently at different times, to reduce large volumes of discharge. A cranberry beater will dislodge the cranberries from the vines underwater which will in turn float to the surface, then gathered by a boom and loaded into plastic containers via a conveyer system.

Flood water discharge will be diverted into another field for harvesting or through maintained ditches and routed to a sediment pond, which will contain any potential contaminants, and act as a supplementary water source if required.

Agricultural operational procedures will be consistent with appropriate environmental standards for sustainable agriculture.

Potential contaminants during the operational period will include: Common chemicals used during cranberry operations within Newfoundland and Labrador includes the following registered products:

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

Other potential sources of pollutants during operations include the same as the construction period associated with machinery fuel and lubricants. Machinery such as farm tractors and flat bed trucks will be refueled and lubricated on mineral soil - off the construction site. Refuse and human waste will be disposed and addressed using procedures specified by the Department of Environment and Conservation.

**(v) Occupations:**

1. General Manager
2. Design Engineer (Contractor)
3. Grower
4. Pesticide Applicator
5. Laborers (Part time)
6. Equipment operator
7. Electrician (Contractor)
8. Mechanic (Contractor)

**(vi) Project Related Documents:**

Crown Land Lease #81992.

**Approval of the 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 and Conservation
Environmental Assessment Approval	Dept. of Environment and Conservation
Crown Land	Dept. of Environment and Conservation (received)
Fuel Storage & Handling.	Department of Government Services (received)
Pesticides (applicator/operator)	Dept. of Environment and Conservation (received)
Water Use License	Dept. of Environment and Conservation
Permit to Alter a Body of Water	Dept. of Environment and Conservation
Workers Health and Safety Compensation	Workplace Health Safety and Compensation Commission

**Schedule:**

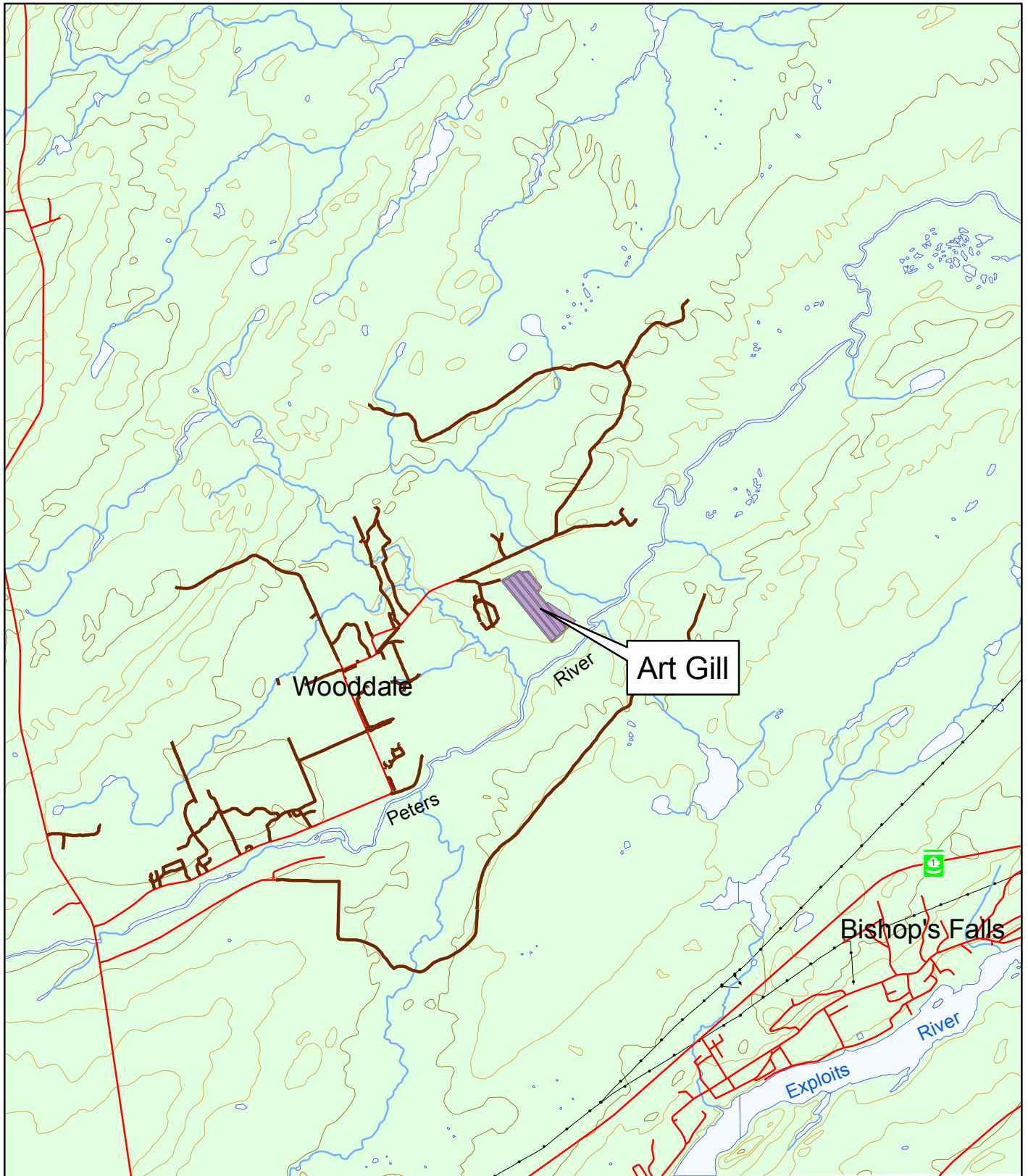
The earliest construction start date is July 2009, latest being September 2009.  
Construction will then be conducted over two years.

**Funding:**

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

\_\_\_\_\_  
Date

\_\_\_\_\_  
Art Gill (Owner/Operator)



NTS Mapsheet 2E3 / 2E4

