



Government of Newfoundland and Labrador
Department of Environment and Conservation

Honourable Charlene Johnson
Minister

June 10, 2010

GUIDELINES

for

Environmental Preview Report

for the

**Incinerator Road Protein
Conversion Plant**

ENVIRONMENTAL PREVIEW REPORT GUIDELINES

The following guidelines are intended to assist the proponent, Country Ribbon Incorporated, with the preparation of the Environmental Preview Report (EPR) for the proposed Incinerator Road Protein Conversion Plant. The EPR is a report that presents the results of an investigation based on readily available information that supplements the information already provided by the proponent upon registration of the undertaking. The purpose of the information in the EPR is to assist the Minister of Environment and Conservation in making a determination as to whether an Environmental Impact Statement (EIS) will be required for the proposed undertaking. The EPR is expected to be as concise as possible while presenting the comprehensive information necessary to make an informed decision.

The EPR should include and update the information provided in the original registration and focus on the information gaps identified during the government and public review of the registration. The EPR should address the information gaps in sufficient detail to enable the Minister of Environment and Conservation to make an informed decision as to the potential for significant environmental effect from the undertaking.

The contents of the EPR should be organized according to the following format:

1. NAME OF UNDERTAKING:

The undertaking has been assigned the Name "Incinerator Road Protein Conversion Plant."

2. PROPONENT:

Name the proponent and the corporate body, if any, and state the mailing address.

Name the chief executive officer if a corporate body, and telephone number, fax number and E-mail address (if any).

Name the principal contact person for purposes of environmental assessment and state the official title, telephone number, fax number and E-mail address (if any).

3. THE UNDERTAKING:

State the nature of the project.

State the purpose/rationale/need for the project. If the proposal is in response to an established need, this should be clearly stated.

4. DESCRIPTION OF THE UNDERTAKING:

4.1 Geographical Location:

Describe the proposed site, planned layout and infrastructure, on-site buildings, storage silos etc. A detailed site plan showing the layout of the proposed project and infrastructure should be drawn to scale. The appropriate 1:50,000 National Topographic Map should be used as a base map.

Provide information regarding the location of the nearest municipality, dwelling, businesses, well/water supply and water body.

Provide information regarding the current ownership of the land and whether or not the proponent has permission to use the land.

Describe the technically and economically feasible alternative locations that meet the project need and their biophysical and socio-economic selection criteria. State reasons for the rejection of alternative locations.

4.2 Construction:

State the total construction period (if staged, list each stage and its approximate duration) and proposed date of first physical construction-related activity for each viable alternative.

The details, materials, methods, schedule, and location of all planned construction activities must be presented, including plans for the disposal/re-use of land clearing debris and overburden.

4.3 Operation and Maintenance:

All aspects of the operation and maintenance of the proposed development should be presented in detail.

Provide details regarding raw material inputs to the plant, including but not limited to the potential use of material originating from sites other than Country Ribbon's poultry operation in Pleasantville.

Describe all anticipated water needs at the plant, including volumes and required quality and the planned source of water.

5. POTENTIAL ENVIRONMENTAL EFFECTS and MITIGATION:

Provide detailed information regarding the wastewater treatment technology and monitoring to be used to ensure that effluent discharged to the environment from the proposed protein conversion plant meets the discharge limits specified in Schedule "A" of the *Environmental Control Water and Sewer Regulations* and the general provisions of the federal *Fisheries Act*. Also discuss the potential

implications of the Canadian *Meat and Poultry Product Plant Liquid Effluent Regulations*, which would apply to this operation if any effluent will discharge into waters frequented by fish.

All sources of effluent must be identified and characterized, and treatment efficiencies for each component of the treatment plant must be provided, so as to demonstrate that the discharge limits specified in Schedule “A” for B.O.D., dissolved solids, and other relevant parameters, and the requirements of the *Fisheries Act* (non acutely lethal discharge) and the *Meat and Poultry Product Plant Liquid Effluent Regulations* (if applicable), will be met. It should be noted that intentional dilution of effluent for the purposes of meeting discharge limits is not acceptable.

Describe the planned effluent discharge locations and the receiving environment potentially impacted by each discharge.

Describe any planned truck washing operations and how effluent from this source will be handled.

Fully describe air emission control technology(s) that will be used at the plant, including technical details regarding methods to be used to control malodorous emissions. Describe prevailing wind conditions in the area and how these may impact the design of the facility.

Describe methods to be used to prevent the attraction of nuisance birds, vermin and other wildlife to the site.

Describe transportation routes to be used to bring raw materials to the plant and to transport products from the plant, including a discussion of the potential impact from odours or spills in residential areas. Describe the type of transport to be used and the methods that will be employed to prevent spillage.

Describe plans for handling and eventual disposal of solid waste generated at the plant, including the nature and volumes of the waste.

Describe any proposed screening or fencing that will be erected at the site.

Describe contingency plans that will be in place at the plant to address process upsets, including but not limited to fuel spills, spills of raw materials or product, process delays, etc.

6. **PROJECT- RELATED DOCUMENTS:**

Provide a bibliography of all project-related documents already generated by or for the proponent (e.g., business plan, feasibility study, engineering reports, etc).

7. APPROVAL OF THE UNDERTAKING:

List the main permits, licences, approvals, and other forms of authorization required for the undertaking, together with the names of the authorities responsible for issuing them (e.g., federal government department, provincial government department, municipal council, etc.).

8. FUNDING:

If this undertaking depends upon a grant or loan of capital funds from a government agency (federal, provincial or otherwise), state the name and address of the department or agency from which the funds have been requested.

The required 10 copies of the EPR, and an electronic version for posting to the Environmental Assessment website, should be sent together with a covering letter to:

Minister
Environment and Conservation
P.O. Box 8700
St. John's, NF
A1B 4J6