



Honourable Charlene Johnson
Minister

September 18, 2008

GUIDELINES

for

Environmental Preview Report

for the

Old Perlican Chitin Plant

ENVIRONMENTAL PREVIEW REPORT GUIDELINES

The following guidelines are intended to assist the proponent, Quinlan Brothers Limited, with the preparation of the Environmental Preview Report (EPR) for the proposed Old Perlican Chitin 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 “Old Perlican Chitin 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:

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.

Provide complete information concerning the preferred choice of location, design, construction standards, maintenance standards, etc.

4.1 Geographical Location:

Describe the proposed site, planned layout and infrastructure, on site buildings, storage silos etc. A 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.

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.

4.3 Operation:

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

5. ENVIRONMENT:

Provide detailed information regarding the wastewater treatment technology to be used to ensure that effluent discharged to the environment from the proposed chitin 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*. 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), will be met. It should be noted that intentional dilution of effluent for the purposes of meeting discharge limits is not acceptable.

Provide information to and consult with the Town of Old Perlican to confirm that an adequate water supply exists in the proposed location to supply the requirements of the chitin plant without compromising the town’s domestic water supply.

Discuss the potential for nuisance odors from the proposed transport of raw materials through the Town of Old Perlican and from the operation of the chitin plant.

Discuss the potential for attracting nuisance birds and other wildlife to the site from the proposed storage and handling of shellfish waste.

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).

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.).

9. 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