

GUIDELINES

for the

Environmental Preview Report

for the

Foxtrap Pasture Land Road Quarry

Honourable Derek Bennett

Minister

Environment, Climate Change and Municipalities

January 27, 2021

Registration No. 2103

ENVIRONMENTAL PREVIEW REPORT GUIDELINES

The following guidelines are intended to assist C.W. Parsons Ltd. with the preparation of the Environmental Preview Report (EPR) for the proposed undertaking. 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, Climate Change and Municipalities in making a determination as to the potential for significant environmental effects from the proposed undertaking and whether an Environmental Impact Statement (EIS) will be required. 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 document(s) 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, Climate Change and Municipalities 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 “Foxtrap Pasture Land Road Quarry”

2. PROPONENT:

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

Name the chief executive officer if a corporate body, and telephone number, and e-mail address.

Name the principal contact person for purposes of environmental assessment and state the official title, telephone number, and e-mail address.

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. Identify needs that are immediate as well as potential future needs.

4. DESCRIPTION OF THE UNDERTAKING:

Provide an overview of the project in the following subsections, including information about the preferred choice of location, design, construction standards, and operation and maintenance standards.

4.1 Geographical Location/Physical Components/Existing Environment:

Provide an accurate description of the proposed site, access road, facilities and equipment, including GPS location coordinates. Attach an original base map (1:25,000 scale) and/or recent air photos/aerial imagery.

The description shall include, but not be limited to:

- a) Mapping and information on any waterbodies in the vicinity of the proposed site, delineated drainage areas and any discharge points to land or water. The EPR should acknowledge and use the following definitions as defined in the Water Resources Act, 2002, for:
 - o water body - section 2(1) (d) *"body of water" means a surface or subterranean source of fresh or salt water within the jurisdiction of the province, whether that source usually contains liquid or frozen water or not, and includes water above the bed of the sea that is within the jurisdiction of the province, a river, stream, brook, creek, watercourse, lake, pond, spring, lagoon, ravine, gully, canal, wetland and other flowing or standing water and the land occupied by that body of water; and,*
 - o wetland - section 2(1)(cc) *"wetland" means land that has the water table at, near or above the land surface and includes bogs, fens, marshes, swamps and other shallow open water areas.*

- b) Mapping and a detailed description of:
 - i. topography within project footprint;
 - ii. adjacent land use;
 - iii. nearest receptors and proximity to nearest receptors – including residences, camps belonging to scouting groups/Church Lads Brigade, others;
 - iv. adjacent quarries and access roads;
 - v. any recreational trails and known recreational use of adjacent land; and,
 - vi. a site plan indicating proposed area for stock piles, water management features, and project boundaries.
- c) Information regarding ownership and/or zoning of the land upon which the project is to be located and any restrictions imposed by that ownership or zoning, including municipal ownership/zoning, Crown, and private land.

4.2 Construction:

State the time period in which proposed construction will proceed (if staged, list each stage and its approximate duration) and proposed date of first physical construction-related activity.

The details, materials, methods, schedule, and location of all planned construction activities must be presented including:

- a) design and construction of any structural components at the facility;
- b) settling ponds and proposed water management features;
- c) access road;
- d) construction equipment; and,
- e) employment during construction.

4.3 Operation and Maintenance:

All aspects of the operation and maintenance of the proposed development should be presented in detail, including but not limited to the following:

- a) All activities that are planned for the undertaking including:
 - i. drilling, blasting, crushing, washing, etc. at the quarry site;
 - ii. equipment to be used in the operation;
 - iii. estimated volumes at peak production;

- iv. estimated volumes of material to be stored on site annually, including a description of volumes to be trucked from other areas and stored on site;
 - v. maintenance of settling ponds;
 - vi. monitoring of surface runoff and any effluent discharges; and,
 - vii. employment during operations.
- b) Describe a Progressive Development Plan includes details describing the rehabilitation of exhausted areas concurrently with the development of any new area.
- c) Provide a Visibility Management Plan that clearly illustrates the extent to which the operation will be screened from the public. The plan is to include;
- i. topographic profiles with sightlines depicted for representative locations from which the project is potentially visible to the public;
 - ii. how the quarry operations can be planned so that it is least visible from the public on the Trans Canada Highway (TCH), the Foxtrap Access Road and the TCH – Foxtrap interchange;
 - iii. how the topography and tree screen may be used for screening, and if they are inadequate to fully screen, where berms could be constructed to achieve further screening; and,
 - iv. where portions of the operation cannot be screened by the above measures, what considerations to the site plan or footprint could decrease the visibility of the operation.

5. ALTERNATIVES

Alternative means of carrying out the project to meet the stated purpose and rationale must be provided. This section should demonstrate why the specific location and procedural methods were selected above others.

The EPR must identify and describe alternative means and locations of carrying out the project that are technically and economically feasible. The following steps for addressing alternative means and locations are recommended:

- Identify any alternative means and locations to carry out the project;
- Identify the environmental effects of each alternative means and location;
- Identify the **preferred** means and location and provide rationale for selection; and
- Provide reasons for the rejection of alternative sites.

Include information from previous project related studies describing alternate locations that were considered, including the expansion of existing sites, reasons for rejection, and reasons supporting the proposed site as the preferred location, if applicable.

Alternative locations should be clearly outlined on maps of a suitable scale (i.e. 1:50,000, 1:25,000) and aerial imagery.

6. POTENTIAL ENVIRONMENTAL EFFECTS AND MITIGATION:

Provide detailed information regarding the potential effects of the project on the environment and the proposed mitigation to be used to avoid adverse environmental effects. This section must describe, but may not be limited to:

- a) Identification of the potential effects, and a description of the measures that will be undertaken to mitigate the effects of:
 - i. noise;
 - ii. air quality, i.e. dust; and
 - iii. light pollution.
- b) Identify how the project will avoid interference with the rights of other legitimate land owners, and recreational or other users.
- c) A Water Resources Management Plan to meet the requirements of the Water Resources Act, SNL2002 cW-4.01 and its regulations and policies. The Water Resources Management Plan should address/answer the following concerns/questions:
 - i. Identify any brooks, rivers, ponds, streams or wetlands, present in or within 30 metres of the boundaries of the project site, and describe the type of water body and its distance from the site;
 - ii. Describe how any water body may be impacted by project operations. A permit/licence from the Water Resources Management Division, may be required; and
 - iii. Describe the precautionary measures, such as vegetative cover, filter strip, silt curtain, etc., that will be undertaken to mitigate the potential of onsite drainage water or dewatering water to discharge into a natural water body and to ensure the effluent or runoff meets the requirement of the Environmental Control Water and Sewage Regulations, 2003.
- d) A Contingency Plan for a potential spill event specific to this project.

7. DECOMMISSIONING AND REHABILITATION:

Describe all aspects of the decommissioning and rehabilitation plans for the project, assuming the eventual need to eliminate the entire project footprint from the landscape.

8. PROJECT- RELATED DOCUMENTS:

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

9. PUBLIC INFORMATION MEETING:

An Open House Public Information Session shall be held at a place adjacent to or in the geographical area of the undertaking, or as the minister may determine, in order to:

- a) provide information concerning the undertaking to the people whose environment may be affected by the undertaking;
- b) record and respond to the concerns of the local community regarding the environmental effects of the undertaking; and,
- c) present the information gathered to fulfill the requirements of Section 5 of these guidelines.

The Public Information session must adhere to all restrictions to mitigate the impacts of COVID-19 that are in place at the time of the session. Information sessions may be conducted by virtual means through a live streaming, video conferencing or teleconferencing process, such as Facebook Live, Zoom, Microsoft Teams, Skype, Webex, Go to Meeting, and others.

You are required to notify the Minister and the public of the scheduled meeting **not fewer than 7 days** before that meeting. Public concerns shall be addressed in a separate section of the EPR.

Protocol for these public sessions will comply with Section 10 of the Environmental Assessment Regulations, 2003. Public notification specifications are outlined in Appendix A.

10. 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.)

Five paper copies of the EPR and an electronic version for posting to the Environmental Assessment website, should be submitted together with a covering letter to:

Minister
Environment, Climate Change and Municipalities
P.O. Box 8700
St. John's NL A1B 4J6

APPENDIX A

Public Notices

Under the provisions of the Environmental Assessment Regulations 2003, Section 10, and where the approved Guidelines require a public information session(s), the following specified public notification requirements must be met by the proponent prior to each meeting:

PUBLIC NOTICE

Public Information Session on the Proposed

Name of undertaking
Location of undertaking

shall be held at
Date and Time
Location

This session shall be conducted by the Proponent,
Proponent name and contact phone number,
as part of the environmental assessment for this Project.

The purpose of this session is to describe all aspects of the proposed Project, to describe the activities associated with it, and to provide an opportunity for all interested persons to request information or state their concerns.

ALL ARE WELCOME

MINIMUM INFORMATION CONTENT OF PUBLIC ADVERTISEMENT

- Minimum newspaper ad size: 2 column widths. Minimum posted ad size: 7" x 5"
- Minimum newspaper ad coverage: Weekend preceding meeting and 3 consecutive days prior to meeting date; to be run in newspaper locally distributed within meeting area or newspaper with closest local distribution area.
- Minimum posted ad coverage: Local Town or City website (if permitted), proponent's web site (if applicable), and local community channel (if applicable), to be posted continually for 1 full week prior to meeting date.