

Registration

Name of Corporate Body: Northside Landscaping Limited

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Name of the Undertaking: Cape Freels Quarry and Access Road Project

Purpose/Rationale/Need for the undertaking: Northside Landscaping Limited is proposing to construct and operate a quarry off Route 330/28 (as shown on the attached map) leading from Route 330. The existing 4.7km road, (Route 330/28) leads out to the small residential rural town of Cape Freels. The quarry will be approximately two hectares wide and 5 hectares long.

The proposed pit is an important economic component that provides essential raw materials to the construction industry. The pit development and processing operations provide direct employment to Northside Landscaping Limited as well as indirect employment in the transportation and construction industry.

Description of the undertaking: The project boundaries and proposed pit outline are shown in the attached maps. Excavation of aggregates will occur from the surface elevation of the gravel pit to an elevation one meter above the local groundwater table. The proposed gravel pit will adhere to all the requirements of the Environmental Assessment Act. The pit is expected to take place on 9.9 hectares of land with production expected to be 12,000 tonnes of aggregate per year. Approximate two hectares would be open each year. The land based gravel pit operations is expected to be open eight months of the year. Typically operating on 10hrs/day, 6 days of the week. Loading, hauling, screening and stock piling would be done on site. The scope of the proposed pit encompasses the activities associated with construction, operation and decommissioning of the gravel pit as follows:

- Site preparation: During the first year of operation, two hectares of the quarry will be developed. Vegetation will be removed by excavator. This will not be done progressively.
- Resource excavation
- On-site processing: Crushing and/or screening, stockpiling
- Transportation/trucking
- Rehabilitation
- Closure

Environmental management is of great importance to Northside Landscaping Limited. The main goal for this proposed pit is to meet or exceed the standards of the Environmental Assessment Act, to achieve a high level of environmental performance.

Geographical Location: The project site is located 3km on route 330/28. Which is 3.5 Km east of the small, rural residential town of Cape Freels, located 4.7km of Route 330. Please see attached maps. Currently, there are no quarries or developments in this area.

Physical Features: The pit site is surrounded by high lands consisting mainly of bare landscape with little vegetation. During the dry season, there appeared to be no streams visible in this area; however, if a small stream is visible during construction, every precaution will be taken to not disturb the natural waterway. Culverts will be installed where needed. Any known intermittent streams will be indicated on the attached maps.

Construction: It is proposed that 2km of road branch off from the existing 4.7km road leading to the town of Cape Freels. The road will be constructed as the quarry is being developed; in other words, the road will run directly through the quarry. This pit will be developed by an employee of Northside Landscaping Limited. The road will be constructed with the operation of an excavator, loader and a dump truck (commence May 2, 2016, pending approval) . Please review attached maps for potential streams and the actual proposed road construction.

The pit will create loading, screening and hauling noise. Significant project related effects to air quality is not likely to be a factor . The nearest resident to the proposed pit is approximately 3.5 km away.

The following measures will be utilized to reduce project emissions:

- Wet suppression controls;
- Speed reduction to keep dust levels at minimum;
- Hardened surfaces where practical;
- Equipment maintained in good working order;
- Use of properly sized equipment to maximize overall processing efficiency;
- Low sulphur diesel fuel;
- Reduced idling; and
- Incorporating native shrubs in the rehabilitation plan to further reduce carbon dioxide levels and other green house gases.

Spill proof equipment on site/precautions

- Personal protection equipment such as gloves
- Absorbent material for soaking up oils and solvents: Industrial spill clean-up products such as pads, booms and absorbents such as oil dry, absorbent blankets, etc.

- Containers to hold spilled waste: drip-pans, pails and drums. Shovels and scoops to clean-up absorbents for disposal into drums.
- Machinery and equipment servicing will be done off site on level terrain
- Spill response training
- Emergency response spill kits will be onsite at all times to respond to any accidental spills of substances in a quick and effective manner
- No petroleum (or other hazardous) products will be stored on site

Operation: Excavator and dump truck will be used to excavate the material. It will be processed onsite through portable screener. The gravel will be stockpiled in the pit and transported by dump truck. The equipment and accessories used in the operation of the plant will include one excavator, one front end loader and one dump truck. This pit will operate eight months out of the year.

The duration of the project is expected to be 10 years of extraction activity (depending on the demand or depletion of resources).

Occupations: The proposed project will hire one full-time employee. Upon demand, an additional employee will be hired. The creation of employment opportunities will be based on qualified experience. Age and gender is not a factor. This pit will operate eight months out of the year.

Project Related Documents: Attached are the following documents:

- **Crown Lands Application**
- **Map Location**

Approval of the Undertaking

- Environmental Protection Act-Assessment Regulations: Permit to Proceed
- Quarry Materials Act and quarry Minerals Regulations: Quarry Permit/Lease
- Forestry Act: Commercial cutting and operating permit

Schedule

It is hoped that the proposed pit will commence operations on May 2, 2016, pending the approval of the Department of Environment and Conservation.

Funding

Northside Landscaping Limited will not be dependant upon any source for funding from outside agencies. The funding for this project will be solely provided by Northside Landscaping Limited.

Rehabilitation will be oriented into the plan before closure of the pit.

Note to file: The Cape Freels natural heritage and physical landscape is of great importance to Northside Landscaping Limited. The natural beauty and scenic landscape brings back fond memories of family connections to the town. It is in the best interest of the company to rebuild and shape the landscape once the pit is closed.

Submission

Mr. Todd Stokes,
Northside Landscaping Limited

DATE: