

NAME OF UNDERTAKING:

Cabot Ready Mix Limited, Sand and Gravel Quarry, Foxtrap Incinerator Road,
St. John's

PROPONENT:

- (i) Name of Corporate Body: Cabot Ready Mix Limited
- (ii) Address: P.O. Box 14091 Stn. Manuels, C.B.S., NL, A1W 3J1
- (iii) Chief Executive Officer:

Name: Dennis Weir
Official Title: President
Address: 345 Dunns Hill Road
Conception Bay South
P.O. Box 14203 Stn. Manuels, C.B.S., NL.
A1W 3J1
Telephone No. (709) 834 – 8424

- (iv) Principal Contact Person for purposes of environmental assessment:
Name: Darrell Vardy
Official Title: P. Eng.
Address: 7 Harrington Drive
St. John's, NL.
A1E 5V7
Telephone No. (709) 745 – 3895

THE UNDERTAKING:

- (i) Nature of the Undertaking: Sand and Gravel Quarry Development
- (ii) Purpose/ Rationale/ Need for the Undertaking:
To provide a source for concrete sand and aggregates for the continued operation of Cabot Ready Mix Limited's ready mix concrete plant located near the Manuels Bypass Road / Trans Canada Highway intersection, St. John's. Cabot Ready Mix Limited currently operates a sand and gravel quarry adjacent to the proposed quarry at Foxtrap Incinerator Road. The existing sand and gravel reserves in this quarry will soon be depleted, and a new source is critical to the continued operation of the ready mix concrete plant. Cabot Ready Mix Limited supplies ready mix concrete for sale in the St. John's Metropolitan Area.

DESCRIPTION OF THE UNDERTAKING:

(i) Geographical Location:

The proposed quarry is located on Foxtrap Incinerator Road off the Foxtrap Access Road and is within the Municipal Boundaries of the City of St. John's. The location is shown on The attached 1:2500 scale (1N7-350) and 1:12500 (025-7) scale maps, and the Air photo.

The site will be accessed via an access road to be constructed across Nut Brook from the adjacent existing Cabot Ready Mix quarry connecting to the access for the existing quarry from Foxtrap Incinerator Road.

(ii) Physical Features:

The undertaking will consist of a cleared and grubbed quarry area and access road with a total area of approximately 2.3 Hectares. The access road will require the installation of a large culvert to cross Nut Brook, which will be sized to accommodate a 100 year flow in the brook as per the requirements of the City of St. John's Subdivision Design Manual.

The existing terrain in the proposed quarry area consists of lightly forested hills with the typical vegetation for the area, consisting of small trees, (spruce, fir, juniper, birch) with ground cover of moss, ferns, grasses, and shrubs. Wildlife in the general area includes snow shoe hare, moose, mink, and a variety of bird species.

Nut Brook flow between the existing and proposed quarry areas with a 50 meter wide buffer of undisturbed vegetation to be maintained on each side of the brook with the exception of the access road which will be approximately 10 meters wide crossing at a 90 degree angle to the brook. Nut Brook is a very small brook but does contain populations of brook trout and brown trout.

(iii) Construction:

Construction required for this undertaking will be limited to the construction of a gravel access road approximately 100m long including a culvert at the crossing point of Nut Brook. This road will be used to provide access from the quarry to the adjacent Cabot Ready Mix Quarry, and from there to the Foxtrap Incinerator Road.

The quarry area would also be cleared and grubbed in stages to access the underlying sand and gravel. All topsoil from the quarry area will be stockpiled on site for use in restoring the quarry site upon completion of the sand and gravel removal.

The construction phase would have a duration of approximately two weeks, with a proposed start date of May 1, 2006.

Potential sources of pollutants during the construction phase would be limited to exhaust from heavy equipment used to construct the road, (excavator, loader, tandem trucks), as well as minimal risks of fuel spillage during fueling operations. There would also be potential for siltation from water runoff during grubbing and excavation operations. This will be controlled by the use of settling ponds, and or filter fabric, in addition to the vegetation buffer between the quarry and Nut Brook.

(iv) Operation:

The operation of the quarry will consist of excavation and removal of sand and gravel deposits from the quarry area using excavators and loaders, with the excavated material being trucked to Cabot Ready Mix's Concrete Plant at the Trans Canada Highway near the Manuals Bypass Road for Crushing and washing to make concrete aggregates. The estimated period of operation of the quarry would be approximately five years.

Potential sources of pollutants during the operation phase would be limited to exhaust from heavy equipment used to excavate and load the sand and gravel, (excavator, loader, semi dumps), as well as minimal risks of fuel spillage during fueling operations.

There would also be potential for siltation from water runoff during grubbing and excavation operations. This will be controlled by the use of settling ponds, and or filter fabric, in addition to the vegetation buffer between the quarry and Nut Brook.

(v) Occupations:

The occupations anticipated for this undertaking, as per the 2001 National Occupational Classification 2001, are as follows.

7411 – Truck Driver, Maximum of six required.

7421 – Heavy Equipment Operator, 2 required.

7611 - Construction Laborer, 2 required.

(vi) Project- Related Documents:

No other documents generated.

APPROVAL OF THE UNDERTAKING:

The main permit required for this undertaking is a Quarry Permit, to be issued by the Government of Newfoundland and Labrador, Department of Natural Resources, Mineral Lands Division. The Department of Natural Resources has referred the application to various other Departments including, Environment and Conservation, Transportation and Works, Crown Lands, and the City of St. John's, for approval.

SCHEDULE:

The earliest start date for project construction would be April 1st, 2006 due to this being the likely earliest date that winter weather conditions and snow will have dissipated sufficiently for construction. The latest date would be December 1st, 2006, which would be dictated by the onset of winter weather?

FUNDING:

This undertaking does not depend upon any grant or loan of capital funds from any government agency.

Date

Dennis Weir, President

