

NAME OF THE UNDERTAKING: H.J. O'CONNELL QUARRY PIT OPERATIONS

PROPONENT:

- (i) Name of Corporate Body: H.J. O'Connell Construction Ltd. (HJOC)
- (ii) Address: 2 Old Airport Road, Wabush, NL, A0R 1B0
- (iii) Chief Executive Officer:
Name: Terry Curran
Official Title: Vice President
Address: 2 Old Airport Road, Wabush, NL, A0R 1B0
Telephone Number: (709) 282-5633
- (iv) Principal Contact Person for Purposes of Environmental Assessment:
Name: Adam Murray
Official Title: Field Engineer
Address: 2 Old Airport Road, Wabush, NL, A0R 1B0
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THE UNDERTAKING:

- (i) Name of the Undertaking: H.J. O'Connell Quarry Pit Operations
- (ii) Purpose/Rationale/Need for the Undertaking: HJOC currently has multiple leases and permits in the area that are fragmented, the purpose is to consolidate and expand the area in order to obtain the aggregates required for future projects in the Labrador West area.

DESCRIPTION OF THE UNDERTAKING:

Under Sections (i), (ii), (iii) and (iv) below, the proponent shall provide complete information concerning the preferred choice of location, design, etc., together with additional information on any alternatives which may have been considered and rejected, but which may still be regarded as viable. Reasons of the rejection of those alternatives should be included.

- (i) Geographical Location:
- West of Huguette Lake, near the Labrador/Quebec border. The site is bound by coordinates
- | | | |
|-------------|-----------|----------|
| NW Corner - | N 5862062 | E 624207 |
| SE Corner - | N 5860837 | E 625040 |
- Located approximately 15m west of Labrador City, bound by Huguette Lake and Bloom Lake Railway, 3km off of the Trans Labrador Highway
 - See attached maps
- (ii) Physical Features:
- The undertaking will be the mining of aggregates for use in civil construction works in the Labrador West area. It will require the use of a temporary mobile crusher, as well as the construction and use of settling ponds for aggregate washing. Roads to the location of the undertaking have previously been established. The area is mostly barren as pit operations have been ongoing here for a number of years. It is adjacent to Huguette Lake as well as the Bloom Lake Railway. The undertaking is approximately 3km off the Trans Labrador Highway between Labrador City and Quebec. Operations will not be visible from the highway.
 - The size of the area is 57.4 hectares.
 - Attached is an aerial photograph of the site from 2013, the undertaking will be visually comparable to this.
 - Physical and biological environments potentially affected by the project: Huguette Lake. It should be noted that this undertaking is an expansion of operations that have been ongoing in the area for over 20 years, there is no impact to the environment expected.
 - A buffer zone of 15m will be used to prevent any sediment to enter the lake.
- (iv) Operation:
- The undertaking will involve the setup of a temporary rock crushing facility with screening and washing capabilities. Runoff from the washing operations will be handled through settling ponds. The crusher will be fed by front end loaders which will be pulling material that has been removed by excavator. The material will be crushed, screened, washed if required and sorted into stockpiles for later use.
 - Period of operation will be from June-October annually.
 - Sources of pollutants are equipment fuel and hydraulic fluid, as well as vehicle exhaust. Equipment will be equipped with spill kits.
 - All equipment has preventative maintenance regularly in order to ensure good working order and to reduce the risk of leaks.

- The operation will not encroach upon Huguette Lake or Bloom Lake Rail land boundaries.
- There is an existing access road to the Trans Labrador Highway, no new access road will be required.
- HJOC does not see any potential for resource conflict.

(v) Occupations:

- The operation will require approximately 12 employee during the operation.
- 1 Supervisor (NOC Code 7302)
- 8 Crushing Personnel (subcontracted) (NOC Code 7302)
- 3 Operating Engineers (NOC Code 7521)
- Direct hiring will be used for the excavation and transportation of materials, subcontractors will operate the mobile crusher.
- Employment equity for the subcontractor will be handled by them. H.J. O'Connell's work force for the operation consists of a currently employed supervisor and 3 returning seasonal operators. In the event of requiring additional workforce, our workforce is unionized and workers will be provided by the local union.

(vi) Project Related Documents:

- N/A
- N/A

APPROVAL OF THE UNDERTAKING:

Permits required: Quarry Permit, Quarry Lease – Department of Natural Resources

File Numbers:

- 71110250 Permit Application West of Huguette Lake 5.0 Hectares
- 71110249 Permit Application West of Huguette Lake 5.0 Hectares
- 71110248 Permit Application West of Huguette Lake 5.0 Hectares
- 71110252 Permit Application West of Huguette Lake 5.0 Hectares
- 71110253 Permit Application West of Huguette Lake 5.0 Hectares
- 71110254 Permit Application West of Huguette Lake 5.0 Hectares
- 71110255 Permit Application West of Huguette Lake 4.8 Hectares
- 7115454 Quarry Lease West of Huguette Lake 4.5 Hectares

7115455 Quarry Lease West of Huguette Lake 4.3 Hectares

7115565 Quarry Permit West of Huguette Lake 2.5 Hectares

7117698 Quarry Permit West of Huguette Lake 4.5 Hectares

7113230 Quarry Permit West of Huguette Lake 3.4 Hectares

SCHEDULE:

May 2014-June 2014 would be the earliest starting dates. This is due to weather, if there is no snow/frost present in May, operations could begin then.

FUNDING:

N/A

February 3, 2014

Date



Signature of Vice President

TERRY CURRAN