

BLACK RIDGE



CONSTRUCTION LTD

Environmental Registration - File 200.20.1810

1. Name of Undertaking: Holyrood sand/gravel quarry

2. Proponent:

- i) Name: Black Ridge Construction Ltd.
- ii) Address: P.O. Box 171, Holyrood,NL.,A0A 2R0
- iii) CEO:
 - a. Name: Robert W. Crowley ,Owner Operator
 - b. Official Title: Director
 - c. Address: P.O.Box 171,Holyrood, NL.,A0A 2R0
- iv) Principal contact person for purposes of environmental assessment:
 - a. Name: Robert W. Crowley
 - b. Address: P.O. Box 171, Holyrood, NL A0A 2R0
 - c. Telephone No.: home: (709) 229-4340 cell phone: (709) 764-4719

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3. Undertaking:

- i) Nature of the Undertaking: Aggregate Quarry (sand and gravel)
- ii) Purpose of Undertaking: To supply sand, gravel and aggregate to surrounding communities in Conception Bay Center.

4. Description of the Undertaking:

- i) Geographical Location:
 - a. Distance from the TCH – 2 km on Holyrood Access Road and 3.3 km from the town of Holyrood on the Holyrood Access Road.
 - b. Coordinates: See attached coordinate sheet showing corners of proposed area.
 - c. Maps Attached: One topographic map showing proposed expansion area of 4 hectares.
- ii) Physical Features:
 - a. The primary physical feature will be the pit itself. Access to the site will be through JAL Packers existing pit and roadway. The pit boundary has a minimum 50 meter buffer zone around all bodies of water and creeks.
 - b. The existing biophysical environment is barren land. The elevation is 250 meters above sea level, with a cool, foggy climate, with prevailing winds southerly.

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- c. Vegetation is sparse, with patches of stunted spruce, alders, and juniper trees. The remainder of overburden is peat, topsoil and shrubs.
 - d. Wildlife consists of moose, rabbits, fox, beaver and ducks.
- iii) Construction Phase:
 - a. The existing road from the Holyrood Access Road to the proposed pit doesn't need any upgrades, it is in good condition.
 - b. Grubbing of overburden.
 - c. Pit development and sediment control.
- iv) Site Access:
 - a. Site access will be through JAL Packers pit and roadway which is partially paved and in good condition.
- v) Clearing:
 - a. All grubbed materials will be stockpiled and used for reclamation.
- vi) Pit Development:
 - a. Proposed site covers 4 Hectares.

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5. Sources Of Pollution During Construction

i) Sources Of Pollution:

a. The potential sources of pollution include noise, potential releasing of hydrocarbons, air emissions, site drainage and litter.

ii) Pollution Control

b. Site run-off will be directed to vegetated areas which will filter solids.

Filter fences will be installed where required to prevent silt contamination in streams and ponds. All run-off will meet environmental control water and sewage regulations.

c. Ditches will be provided for adequate drainage around pit.

d. All equipment will have appropriate emissions control.

e. Roads will be watered to prevent dusty conditions.

f. Petroleum products will not be stored on site during construction, petroleum products will be handled as per storage and handling of gasoline and associated products regulations, under the environmental protections act.

g. Spill kits and absorbents will be stored on site in case of potential hydrocarbon release.

h. All waste will be trucked to Robin Hood Bay Dump.

6. Operations

i) Operations:

a. Removal of sand and gravel through excavation.

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- b. Screening will be done on site.
- c. Sand, gravel and stone will be supplied to the neighbouring communities.
- d. Equipment on site includes tracked excavators, tandem dump trucks, front end loader and screening plant.
- e. Period of operation from April to November.
- f. The grounds will be maintained according to environmental health and safety standards and regulations.
- g. No drilling and blasting will take place.

7. Termination of Operation/Reclamation:

- i) Reclamation:
 - a. Life expectancy of the pit is 5-8 years.
 - b. Pit will be sloped and overburden replaced every fall to reclaim what is disturbed up to pit face.
 - c. At the end of pit life the entire mined area will be seeded to produce a natural landscape.

8. Occupations:

- i) During Construction Phase:
 - 1 Foreman.(7217)
 - 1 Heavy Equipment Operator.(7421)
- ii) Operations Phase:
 - 1 Pit Foreman (8221)
 - 3 Heavy Equipment Operators (7421)

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- 1 Truck Driver (4711)

9. Project Related Documents:

There are no project related documents.

10. Approval of the Undertaking:

- a. Environmental Protection Act – Assessment Regulations: Permit to Proceed
- b. Quarry Materials Act and Quarry Minerals Regulations: Quarry Permit

11. Funding:

- a. Funded entirely by internal resources. No outside funding is applicable.

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CONSTRUCTION LTD

Robert W. Crowley

Robert W Crowley

Director Owner Operator

Black Ridge Construction Ltd.

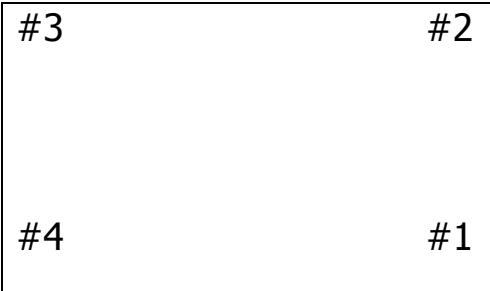
Oct 27, 2010

Date

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UTM Nad 27

#1 - 47 21' 55 00 N
53 06' 08 00 W

#1 - [34 11' 96" E 52 47' 65.6"N]
#2 - [34 17' 31" E 52 47' 74.8"N]

#2 - 47 21' 58 00 N
53 06' 06.5 W

#3 - [34 11' 96" E 52 47' 88.6"N]
#4 - [34 11' 18" E 52 47' 71.6" N]

#3 - 47 22' 01 N
53 06' 10.3 W

#4 - 47 21' 55 00 N
53 06' 14.5 W



Figure 1. Site Location



Figure 2. Site Location