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August 15, 2016

Government of Newfoundland and Labrador

Minister of Environment and Conservation

P.O. Box 8700

St. John's, NL A1B 4J6

Attention: Director of Environmental Assessment

Dear Sir/Madam:

Re: Registration of an undertaking, On-Grade Construction inc, Sand and Gravel Quarry, Shallop Cove, St. George's. NL

Please accept this letter and the attached registration document as our registration of the above undertaking for examination by the department.

If you have any questions, or require additional information, please contact the undersigned.

Yours truly,

Charles Foote, Owner

On-Grade Construction 2015 Inc.

**NAME OF UNDERTAKING:** On-Grade Construction 2015 Inc, Sand and Gravel Quarry,  
Shallop Cove, St. George's, NL

**PROPONENT:**

- (i) Name of Corporate Body: On-Grade Construction Inc.
- (ii) Address: P.O. Box 389  
St. George's NL  
A0N 1Z0
- (iii) Chief Executive Officer  
Name: Charles Foote  
Official Title: President  
P.O. Box 213  
St. George's NL  
A0N 1Z0  
Telephone: (709) 649-8000
- (iv) Principal Contact Person for Purposes of environmental assessment:  
Name: Charles Foote  
Official title: Owner  
Address: P.O. Box 213  
St. George's NL  
A0N 1Z0  
Telephone: (709) 649-8000

**THE UNDERTAKING:**

- (I) Nature of the undertaking: Sand and Gravel Quarry Development
- (II) Purpose/Rationale/Need for Undertaking:  
  
To provide a source for concrete sand and aggregates for the Construction industry, including Class A/Class B Materials for road construction. The existing Quarry has been used to produce similar products, and it is our intention to continue this operation and providing an economic benefit to the area.

## **DESCRIPTION OF THE UNDERTAKING:**

### **(I) Geographical Location:**

The Proposed Quarry is located on White's Road, off Route 461 in Shallop Cove Within the municipal Boundaries of the town of St. George's. See Attached sketch showing location of proposed new quarry lease. This location falls under the proper zoning as per town development regulations.

The site will be accessed via an existing access road (Whites Road) created for nearby Quarries.

### **(II) Physical Features:**

The undertaking will consist of a cleared and grubbed quarry area, with a total area of approximately 9.6 hectares on the first permit and 18.0 hectares on the second. The existing terrain in the proposed quarry area consists of lightly forested ground with typical vegetation for the area, consisting of small sized trees (spruce, Juniper) with a ground cover of bog, moss, ferns grasses and shrubs.

The Proposed quarry will not be visible from a highway or a secondary road once it's in operation. There are no power lines, ATV or walking trails in or around the proposed quarry location.

### **(III) Construction:**

Construction required for this undertaking will be limited to clearing and grubbing to access the underlying sand and gravel. All overburden from the quarry area will be stock piled onsite for use in restoring the quarry site upon completion of the sand and gravel removal. It is our intention to begin restoration once areas that are exhausted of material, creating a slope of 2:1 on the quarry face.

Potential sources of pollutants during the construction phase would be limited to exhaust from heavy equipment used in the grubbing operations, (excavator, loader, tandem trucks), as well as minimal risk of fuel spillage during fueling operations. To reduce the risk of a spill, on site spill kits as well as Equipment spill kits will be readily available.

**(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. The material will then be processed through a screener/Crusher, which will be onsite, to Produce Class A and Class B Materials. The estimated period of operation would be approximately 10 years. This will be a seasonal operation, which will be operating between the months of May and October.

Potential sources of pollutants during the operation phase would be limited to exhaust from Heavy equipment used to excavate and stockpile materials (excavators, Loaders, Tandem Trucks), as well as minimal risk of fuel spillage during fueling operations.

The nearest water source is a small pond, which is located 100 meters north of the proposed Quarry boundary, with no potential of siltation from water runoff. There is no potential for siltation, due to the fact that there is 100 meters between the quarry boundary and the pond. The land separating the quarry and the pond is naturally vegetated, with small trees, bog, mosses and shrubs.

Also there are no residences within a 1 km radius of the quarry. Therefore there is no potential of pollution for the residences of Shallop cove. Washroom facilities will be onsite for personnel use.

**(v) Occupants:**

This quarry would require 2 Heavy equipment Operators, 6 truck drivers, and 2 labours

The breakdown of occupations anticipated for this undertaking according to the National Occupational Classification 2006 will be:

7521 – Heavy equipment operators (except crane)

7511 – Transport Truck Drivers

7611 – Construction trades helpers and labourers

All work carried out by direct hiring. On-Grade Construction 2015 Inc is an equal opportunity employer and hiring will be based on the most qualified applicants.

**(vi) Project Related documents:**

No other project related documents have been 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 Conservation, Transportation and Works, Crown Lands, Fish and wildlife, tourism, Agriculture and the Town of St. George's for Approval.

**SCHEDULE:**

The earliest start date for this project would be upon approval of the project. The latest date would be December 1<sup>st</sup>, 2016, 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.

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Date

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Charles Foote, Owner

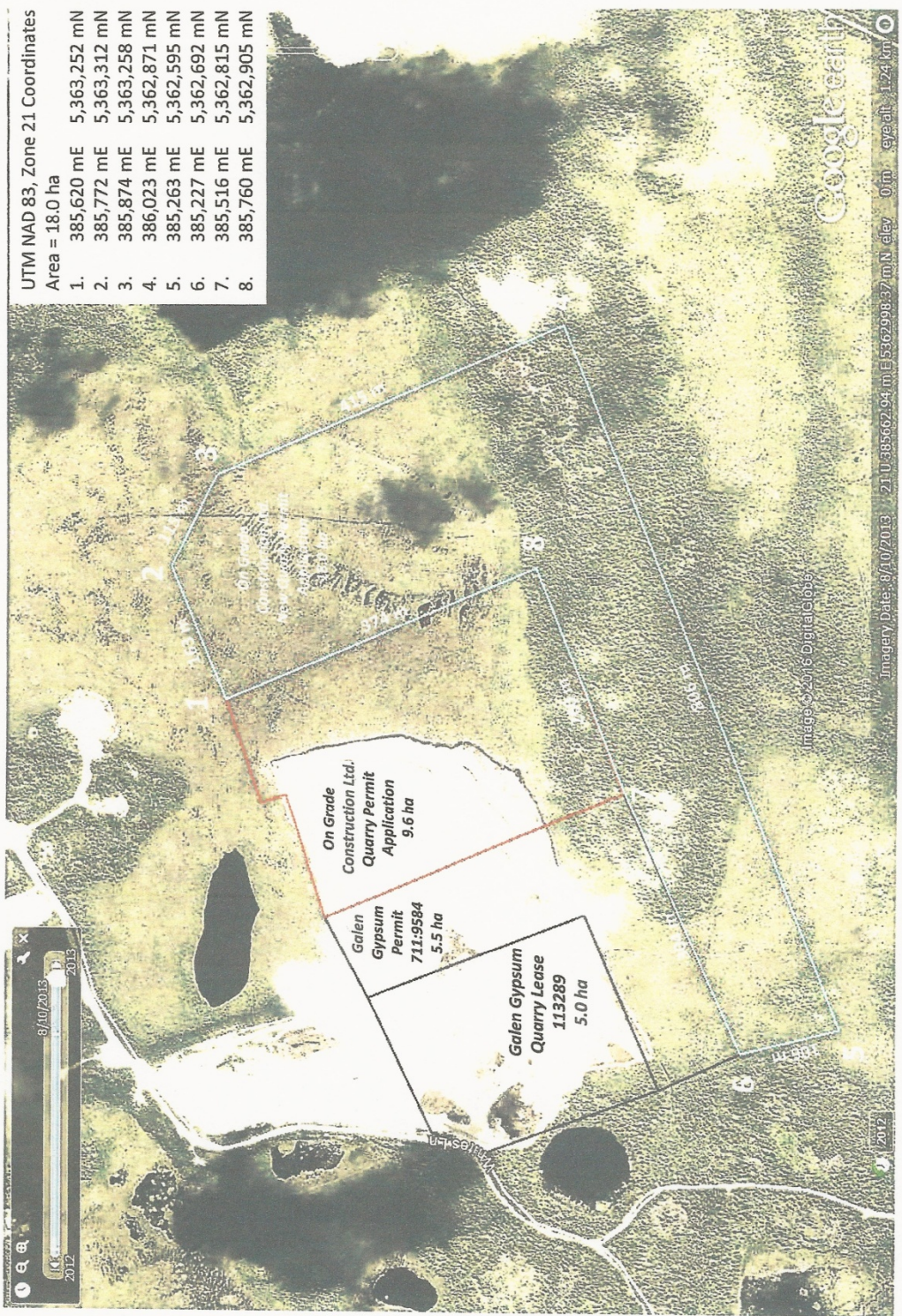
## Appendix A

### Aerial Photographs & Map of proposed Location

UTM NAD 83, Zone 21 Coordinates

Area = 18.0 ha

1.	385,620 mE	5,363,252 mN
2.	385,772 mE	5,363,312 mN
3.	385,874 mE	5,363,258 mN
4.	386,023 mE	5,362,871 mN
5.	385,263 mE	5,362,595 mN
6.	385,227 mE	5,362,692 mN
7.	385,516 mE	5,362,815 mN
8.	385,760 mE	5,362,905 mN



Google Earth

Imagery Date: 8/10/2013 21 U385662 94 m E 5362998 37 m N elev 0 m credit 124 km





Google earth

miles 9  
km 10

