# AGGREGATE PERMIT APPLICATION FOR A CATEGORY 9 & 11 PERMIT IN TOWNSHIP of ALGONQUIN HIGHLANDS, COUNTY OF HALIBURTON

# **Prepared for**

**John Bacher Construction Limited** 

Prepared by:

**Timbercraft Consultation Inc.** 

And

**Pebble Beach Aggregate** 

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### INTRODUCTION

John Bacher Construction Limited. is making application for a Category 9 & 11 Aggregate Permit under the Aggregate Resources Act. A Category 9 & 11 Permit is restricted to both a pit and a quarry operation, which are allowed to extract aggregate material above the established groundwater table. There is currently a smaller sized Category 9 permit on the site.

### **APPLICATION INFORMATION**

Site Location:

The area subject to this application is located at:

Township of McClintock, County of Haliburton UTM Co-ordinates NAD 83

Easting Northing

668401 5018182

The proposed permit is located in part of Lots 11 and 12, Concession 2 in the Geographic Township of McClintock. The study area is accessed via Municipal roads off of Highway 35.

Type of Operation: Quarry & Pit

Applicant: John Bacher Construction Limited

### SITE LOCATION MAP:

See Page 1 of 4

### APPLICATION PACKAGE

In accordance with the Provincial Standards for a Category 9 &11 Permit, this application package contains the following:

- An overview providing information on the applicant, the site location, a description of the
  proposed operation and your opportunity to provide comments (please take note of the
  deadline by which comments, if any, must be received)
- Application Form
- Technical Reports
- Summary Statement
- Site Plan

These documents provide information as to the groundwater table, archaeological assessment and natural environmental features on and around the site.

The site plan provides an outline of existing features, the proposed operational conditions and the rehabilitation procedures, both progressive and final.

This application is being circulated to you as per the Aggregate Resources Act Provincial Standards. Any comments in respect of this application must be made in writing within 30 calendar days of receipt of this application August 7, 2017 (at the latest). Comments are to be sent to:

David Villard
Pebble Beach Aggregate
76 Pebble Beach Drive
Callander, ON
P0H 1H0

# **Application Form**

### 2.1 SUMMARY STATEMENT

2.1.1 Determine the elevation of the water table within the site or demonstrate that the final depth of extraction is at least 1.5 metres (for the pit) and 2.0 metres (for the quarry) above the water table.

A Groundwater Summary Statement: was prepared by: Waters Environmental Geosciences Ltd.

Analysis of the available information indicates that the water table elevation beneath the proposed Bacher Construction Pit and Quarry area constitutes a gently sloping water table surface. The interpreted water table elevations in the northwestern corner of the study area are approximately 380 m, and fall towards the east to a final elevation of 368 m. Although Figure 4 has used a 10 m contour interval in its construction, intermediate groundwater elevation contours can be obtained by interpolating between the indicated contour lines and using the perimeter groundwater elevation values for guidance.

**2.1.2** If the present land use is agriculture, the agricultural classification of the proposed site, using the Canada Land Inventory classes. For the lands being returned to agriculture, the proposed rehabilitation techniques must be identified.

The soils classification for the site is a Class 7 – the soils in this class have no capacity for arable culture or permanent pasture. The land is mainly forested land. There is no agricultural use presently and the site will not be returned to agricultural land. Rehabilitation is addressed on page 3 of the site plan.

Summary Statement 2.1 has been prepared by :	
David Villard	

### 2.2 Technical Reports

Technical reports accompanying an application for a permit can be prepared by a person with appropriate training and/or experience and must provide information on the following:

2.2.1&2 Natural Environment Level 1 & 2: impact assessment where the Level I analysis identified any features on or within the 120 metres of the site in order to determine whether there will be any negative impacts on the natural features or ecological functions for which the area is identified and any proposed preventative, mitigative or remedial measures.

Fri Ecological Services has prepared a Natural Environment Report, Level 1 & 2 for the application site. The report is attached as Appendix "A"

2.2.3 Cultural Heritage Resources Stage 1: determine if there are any known significant archaeological resources in the immediate vicinity of or on the subject property and the potential of the site to have heritage resources;

A Stage 1 Background Study (Archaeological Assessment) has been prepared by HORIZON ARCHAEOLOGY INC. The report is attached as Appendix "B"

2.2.6 If extraction and/or processing facilities are within 500 metres of a sensitive receptor, a noise assessment is required to determine whether or not provincial guidelines can be satisfied.

A Noise Impact Analysis has been prepared by Valcoustics Canada Ltd. The report is attached as Appendix "C"

2.2.7 A Blast Design Report is required if a sensitive receptor is within 500 metres of the limit(s) of extraction to demonstrate that provincial guidelines can be satisfied.

A Blast Impact Analysis report has been prepared by EXPLOTECH. The report is attached as Appendix "D".

### **AGENCY CIRCULATION CONTACTS**

Ministry of Northern Development and Mines Provincial Recording Office Level B-3 Willet Green Miller Centre 933 Ramsey Lake Road Sudbury, ON P3E 6B5 705-670-5742

Ministry of Natural Resources & Forestry Bracebridge Field Office 1350 High Falls Road Bracebridge ON P1L 1W9

Township of Algonquin Highlands 1123 North Shore Road Algonquin Highlands, ON K0M 1J1

Fisheries and Oceans Canada 867 Lakeshore Rd Burlington ON L7R 4A6

Ministry of Transportation Geotechnical Section 447 McKeown Ave. North Bay ON P1B 9S9

Westwind Forest Stewardship inc. 72 Church Street Parry Sound ON P2A 1Y9

Count of Haliburton P O Box 399 11 Newcastle St. Minden ON KOM 2K0

Hydro One Networks P O Box 4300 Markham ON L3R 5Z5

# **NOTIFICATION CONTACTS:**

8 Williams Treaty Communities

9 Landowners

# APPENDIX A

# APPENDIX B

# APPENDIX C

# APPENDIX D

# APPENDIX E

# APPENDIX F