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April 2, 2019

LON-00015778-GE

Mr. Stephen Douglas, M. Sc.
Aggregates Inspector
Aylmer District – Ministry of Natural Resources and Forestry
615 John Street North
Aylmer, Ontario N5H 2S8

Re: **Application for License Site Plan Amendments
to Extract below the Water Table
Olalondo Gravel Pit
Middlesex Centre, Ontario**

Dear Mr. Douglas:

The Municipality of Middlesex Centre is making application for License Site Plan Amendments to Extract below the Water Table at the Olalondo Gravel Pit, in the Municipality of Middlesex Centre, Ontario. The following are enclosed with this letter:

- Geotechnical Investigation Report
- Level 2 Hydrogeological Assessment
- Natural Environment Level 1 & 2 Report
- Proposed Extraction Plan

Background and Legal Description of Property

The gravel pit is located at 21515 Olalondo Road in Middlesex Centre (Concession 6 North Part Lot 1 former London Township, Registered Plan 33R392 Parts 1 and 3). The pit is currently operating and extracting materials from above the groundwater table.

This letter is in support of the application for a Category 1 – Class “A” license for a pit operation which intends to extract aggregate material from below the established groundwater level. The Aggregate Resources Act designation for Class “A” is removal of 20,000 tonnes of aggregate annually.

Prior to this letter and application, a Gravel Quantity / Quality Assessment Report was completed by Exp Services Inc. entitled “Olalondo Gravel Pit – Underwater Extraction, London, Ontario”, dated March 8, 2018. Details of the investigation including field methodology, subsurface soil conditions encountered in the test holes and the breakdown of quantity (tonnage of material) and quality (gradation analyses) are summarized in the report.

The investigation was carried out in general accordance with the industry. Authorization to proceed was given by the Municipality of Middlesex Centre.

The site is currently divided into two areas which include:

- 1) The current production area and the farming area to the west; and
- 2) The rehabilitated area in the east half of the site.

The purpose of the investigation was to examine the subsoil and groundwater conditions at the site by advancing nine (9) boreholes and eleven (11) test pits.

The focus will be on the current production area (below the current license limit) and the farmland area for extraction of aggregates. The total amount of potential extractable material at the site is over 500,000 tonnes.

In addition, Exp has recently completed the hydro-geological and natural environment studies for this application. These reports are attached herein.

Requirements

It is understood that the requirements for the site plan amendment should include the following:

- Identify access routes in and out of the site.
- Identify stockpile management and future site rehabilitation.
- Show extraction plan and the plan for stripping topsoil along west portion of the site and stockpiling.
- Provision for a berm to be constructed on the west bank (show volumes placed).

The licence site plan amendment will require the following notifications and consultations:

- Written notice to landowners within 120 metres of the licensed boundary which must include a Form 1 (Notice of Application for a License) and Form 2 (Notice of Information Session).
- A 1 metre by 1 metre sign posted on the boundary of the site providing Notice of Application and the date, time and location of the Public Information Session along with other required information (lot, concession, etc.).
- Publication of Form 1 and Form 2 in the local newspaper.
- Circulation to the appropriate agencies.

We trust this letter meets your current requirements. Should you have any questions or require any clarification, please do not hesitate to contact our office.

Sincerely,
EXP Services Inc.



Brent Gusba, P. Eng., PMP
Senior Project Engineer



Botel M. F. Chiu, M. Eng., P. Eng., QP
Senior Engineer, Earth & Environment
Southwestern Ontario

Distribution: MNR – Mr. Steve Douglas
MMC – Mr. Brian Lima