

AGGREGATE RESOURCES ACT **SUMMARY STATEMENT**

TEEDON PIT EXTENSION

North ½ of Lot 80, Concession 1, W.P.R &
Part of Original Road Allowance between Lots 80 & 81,
Concession 1, W.P.R
Township of Tiny, County of Simcoe

Date:

January, 2019

Prepared for:

Cedarhurst Quarries and Crushing Limited

Prepared by:

**MacNaughton Hermsen Britton Clarkson Planning
Limited (MHBC)**

113 Collier Street

Barrie ON L4M 1H2

T: 705 728 0045 Ext. 226

F: 705 728 2010

Our File 9061CZ

1.1 Aggregate Resources Act Summary Statement Proposed Teedon Pit Extension

CRH Canada Group Inc. (CRH) is the landowner of the subject lands referenced herein and has assumed responsibility for the Aggregate Resources Act application on behalf of Cedarhurst Quarries and Crushing Limited. The application is for a Category 3, Class A licence (above water) under the Aggregate Resources Act ("ARA") for a property located at the North ½ of Lot 80, Concession 1, W.P.R, and Part of the original road allowance between Lots 80 & 81, Concession 1, W.P.R, Township of Tiny, County of Simcoe. The area proposed to be licensed is 15.3 hectares and the proposed extraction area is 13.5 hectares

The Teedon Pit Extension is proposed to be operated in conjunction with the existing Teedon Pit (ARA Licence No. 3670) and utilize the existing entrance/ exit. The proposed maximum combined tonnage for the two pits is 600,000 tonnes per annum which is the current tonnage limit permitted for the existing Teedon Pit.

The complete Licence application consists of the following:

1.1.1 Site Plans

The Site Plans provide details of existing features, the operational plan, progressive rehabilitation, planned final rehabilitation and cross-sections of existing conditions and planned final rehabilitation of the site. The site plans are included in the application package.

1.1.2 Technical Reports

The following sections fulfill the study requirements of the Aggregate Resources Act:

2.2.1 & 2.2.2	Natural Environment Level 1 and 2 Technical Report, Goodban Ecological Consulting;
2.23 & 2.2.4	Archaeological Assessment, The Central Archaeology Group Inc.;
2.2.6	Noise Impact Study, Theakston Environmental;
2.2.7	Each report includes the qualifications and experience of the individual (s) that have prepared the report.

In addition to the required studies GHD completed a Hydrogeological Assessment to determine the location of the water table at the site.

1.1.3 Summary Statement: Required Information

The following sections are structured to provide information required under the Provincial Standards Version 1.0 for a Class A, Category 3 Aggregate Resources Act Summary Statement.

1.1.3.1 Planning and Land Use Considerations – Standard 2.1.1

The proposed Teedon Pit Extension is designated “Greenlands and “Rural” in the County of Simcoe Official Plan. An Official Plan Amendment is not required to permit the proposed pit.

The proposed Teedon Pit Extension is designated “Rural”, “Mineral Aggregate Resources Two” and “Environmental Protection Two” in the Township of Tiny Official Plan and zoned “Rural” in the Township of Tiny Zoning By-law 06-100. Township of Tiny Official Plan Amendment and Zoning By-law Amendment applications have been submitted to the Township to permit the proposed pit.

From a land use perspective the propose pit:

1. Represents the wise use and management of resources;
2. Contains approximately 10 million tonnes of a sand and gravel resource that has been mapped by the Province as a sand and gravel deposit of primary significance;
3. Aggregate extraction is an established use in the area and the application is located directly adjacent to the existing Teedon Pit;
4. The operation is appropriately designed, buffered and/or separated from sensitive land uses to minimize impacts;
5. CRH owns additional lands to the east and west that provide additional buffer to adjacent lands.
6. Water resources will be monitored and protected from potential impacts. The proposed extension will not adversely impact surrounding wells;
7. There will be no negative impact to significant natural features. Avoidance and/ or mitigation measures will be utilized to protect adjacent natural heritage features;
8. The application is located on Class 7 soils, the proposed extension is not considered to be in a prime agricultural area and does not contain prime agricultural land;
9. The proposed extension will utilize the existing entrance/ exit onto an established haul route and there will be no increase to truck traffic as a result of the extension; and
10. There are no significant cultural heritage resources on site.

1.1.3.2 Agricultural Classification of the Proposed Site – Standard 2.1.2

The proposed Teedon Pit Extension is mapped as Class 7 soils. Class 7 soils are not considered prime agricultural soil. The Provincial agricultural mapping does not identify the proposed extension lands as being within a prime agricultural area.

The subject site is not within a Prime Agricultural Area or on Prime Agricultural Land and therefore rehabilitation back to agriculture is not required, however the pit floor will be rehabilitated back to agriculture.

1.1.3.3 Quality and Quantity of Aggregate On-site– Standard 2.1.3

The *Aggregate Resources Inventory Paper* prepared by the Ministry of Natural Resources and Forestry identifies the subject site as a primary sand and gravel deposits. This resource area contains a high-quality aggregate that can be used for most road-building and construction projects. Within the proposed extraction there is approximately 10 million tonnes of aggregate resources.

The proposed Teedon Pit Extension is:

- Identified as a “Sand and Gravel Resource Area” in the County of Simcoe Official Plan (Schedule 5.2.1); and
- Designated as a “Mineral Aggregate Resource II” in the Township of Tiny Official Plan. The “Mineral Aggregate Resource II” designation applies to areas of primary and secondary mineral aggregate resources.

1.1.3.4 Main Haulage Routes – Standard 2.1.4

Material from the Teedon Pit Extension is proposed to be transported to market from the existing Teedon Pit (ARA Licence No. 3670) entrance/ exit located on Darby Road. Truck traffic will use the existing haul route to travel north along Darby Road to Highway 93.

1.1.3.5 Progressive and Final Rehabilitation – Standard 2.1.5

Rehabilitation of the site will be progressive, and the site will be rehabilitated to forested side slopes with the pit floor being rehabilitated to an agricultural field. See Page 3 of 4 of the ARA Site Plans.

1.1.3.6 Surface Water – Standard 2.1.6

Based on-site specific field work there are no drainage channels or other surface water features on-site. Given the hydrogeologic setting and that the proposal will remain above the water table, there is no potential impact to groundwater and surface water features in the area or between watersheds.

1.1.3.7 Ground Water Elevation – Standard 2.1.7

A Hydrogeologic Assessment has been prepared by GHD. The water table on-site is approximately 236.5 to 237.5 masl. Extraction at the proposed Teedon Pit Extension will remain 1.5 metres above the established water table.

Respectfully submitted,

MHBC



Brian Zeman, BES, MCIP, RPP
President