



March 25, 2019

Ministry of Natural Resources and Forestry, Midhurst District 2284 Nursery Road
Midhurst, ON L9X 1N8
(midhurst.aggregates@ontario.ca)

Cedarhurst Quarries and Crushing Limited (c/o CRH Canada Group Inc.) 2300 Steeles Avenue West, 4th Floor
Concord, ON L4K 5X6
(jessica.ferri@ca.crh.com)

Re: Federation of Tiny Township Shoreline Associations (FoTTSA)* Comments on Proposed Teedon Pit Extension, North Part of Lot 80, Concession 1 O.S. (Roll #1-029-00), Tiny Township

Thank you for the opportunity to provide comments on the proposed Teedon Pit Extension Application under the Aggregate Resources Act.

FoTTSA objects to CRH Canada Group Inc's application for a Teedon Pit Extension for hydrogeological reasons. We are concerned that removal of the overburden above the underlying aquifer threatens the purest groundwater ever identified according to William Shotyk (Professor and Bock Chair for Agriculture and the Environment at the University of Alberta). The purity of that water has been demonstrated in samples taken by Shotyk over the last 30 years. I append a letter Shotyk wrote to the County of Simcoe on December 5th, 2018 outlining the reasons for his concern about the impacts of aggregate extraction on groundwater resources.

Silt has been appearing intermittently in neighbouring wells since 2009, and recently in the artesian water flow in the kiosk on Highway 27 just north of Elmvale. The appended studies prepared by Wilf Ruland (P. Geo.) in 2015 and 2017 should be taken seriously.

According to poster boards presented at CRH's public meeting about its proposed Teedon Pit Extension application (and available on the Dufferin Aggregates website), gas is to be stored on site for refuelling vehicles. Repairs may be carried out as well. An attendee at the public meeting, who has close relatives who drive trucks and operate equipment, commented: "I know enough about construction equipment to say that unless they're using top of the line, brand new machines, there will be all sorts of chemical contaminants on that property."



For the same reason that we are concerned about refuelling and repairs of machinery in the Teedon Pit, we ask that asphalt recycling be removed as a permitted use at the existing licensed Pit. That use has already been removed from the Extension Application.

Much more work must be done into groundwater flows in the area before any more extraction is permitted. Hydrogeologist John A. Cherry (co-author of *Groundwater*, the standard text on groundwater) has assembled a team of experts to undertake this work over the next five years. What's at issue is the world's purest water. We urge that the MNRF ensure that this unique, precious natural resource be protected by denying CRH Canada Group Inc's application for a Teedon Pit Extension and by halting the current aggregate mining.

Also, we request that the MNRF refer this matter to the LPAT under section 11 of the ARA if the proponent cannot satisfactorily address our hydrogeological objections. The LPAT is already seized with the proponent's related appeals under the Planning Act.

Yours truly,

Judith Grant, Director, Federation of Tiny Township Shoreline Associations (FoTTSA)

17 Admiral Road, Toronto, Ontario, M5R 2L4 416-924-7064

*FoTTSA (the Federation of Tiny Township Shoreline Associations is comprised of 20 member associations, who themselves have 1825 member households)