



January 11, 2016
Our File: 114006-2

Township of Puslinch
RR 3, 7404 Wellington Road 34
Guelph, ON N1H 6H9

Attention: Ms. Kelly Patzer
Development Coordinator

Re: Hydrogeologic Assessment
Continued Peer Review Comments
Proposed Spencer Pit
Township of Guelph/ Eramosa

Dear Ms. Patzer,

As per your request, we have reviewed the supplemental information provided by Groundwater Science Corp. dated December 14, 2015 and accompanied with revised Site Plan Drawings completed by Tri City Lands Ltd. This review is being completed further to our comments provided in correspondence dated June 20, 2014.

A summary of the recommendations made in our June 20, 2014 are as follows:

- *To complete a door-to-door survey at properties to the north and west of the site that have frontage along Hespeler Road/Hwy 124 and any dwellings identified within 120 m of the Site. This information should be used to update the area well search and identify the potential for unregistered shallow/dug wells in the area.*
- *To update the groundwater elevation and supporting mapping by:*
 - *Confirming geodetic elevation (as opposed to an assumed elevation at ground surface),*
 - *Updated contours based on elevations presented for BH3,*
 - *Inclusion of known surface water level elevations and surface water features,*
 - *Presentation of high groundwater elevation data and bedrock surface elevation at each borehole (data point).*
- *To update mitigative measures to include consideration of operations in areas where bedrock exposed through extraction processes.*
- *To update the water level monitoring program to include data collection over the operational period of the pit.*

It is our opinion that the supplemental information provided and updates to the Site Plans adequately address our comments.

A door-to-door survey was recommended since it is typically in the best interest of all parties to document the condition of nearby wells and any potential water quality/quality issues prior to the development of a site so that, should problems arise, the status of a private water supply prior to site development can be referenced. While a door-to-door survey was not completed, a note has been added to the Site Plan to ensure one is completed as part of any Permit-to-Take-Water (PTTW) application, even though this would likely be a requirement of the Ministry of Environment and Climate Change (MOECC). Further, based on the revised groundwater monitoring program, information regarding the water levels at the site will be available in the event of a complaint.



Yours truly,

GM BLUEPLAN ENGINEERING LIMITED

Per:

A handwritten signature in blue ink, appearing to read 'Matthew Nelson', with a long horizontal flourish extending to the right.

Matthew Nelson, M.Sc. P. Eng. P. Geo.

MN/