

April 22, 2021

****Submitted Electronically****
City File: WO9-SO

Ministry of Environment, Conservation and Parks
Client Services and Permissions Branch
135 St. Clair Ave West
1st Floor
Toronto, Ontario
M4V 1P5

Attention: Erinn Lee

Re: Permit to Take Water Application for 37 Johnson Street Barrie Ontario: Ministry Reference Number 7640-BXESN9

Dear: Erinn

On behalf of the City of Barrie, we respectfully submit the following response to the Ministry of Environment Conservation and Parks Environmental Registry Posting Number 019-3112. The notice was posted on March 25, 2021 for a 30-day review period. City staff has undertaken a review of the proposal details and provide the following comments and concerns.

1. **The City of Barrie requests that the application for permanent dewatering be denied**, and that alternate foundation design options be implemented to remove the requirement for permanent dewatering.

Source Water Protection

2. The proposed taking is within Wellhead Protection Area D (25-year time of travel) capture zone for two City production Wells. The applicant has not provided a description of the deep hydrostratigraphy; and assessment of the proposed effect of the surficial aquifer dewatering, on the deep aquifer relied on by the City for groundwater supply.
3. Our records indicate that one water supply well exists within 500 m of the site, and up to 16 additional private wells may also be present. The applicant has not completed an assessment of anticipated impacts to private wells located in the area.

L4M 4T5

Construction Dewatering

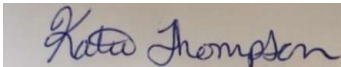
4. **A Discharge Agreement must be obtained from the City prior to any dewatering discharge entering into the Municipal Sewage Works, as per the By-law.**
 - a. A Discharge Agreement Application has been received by the City, but the applicant has not yet provided the required additional information requested in order to complete the application process.
5. All dewatering discharge entering the Municipal Sewage Works must comply with the City's Sewer Use By-law 2020-002 (By-law), as amended.
 - a. The sample analysis provided did not include all required parameters to verify compliance with the Storm Sewer limits.
6. The City's Drinking Water Protection Policy Section 5.2 also states that temporary dewatering required for development is not permitted to be directed into a municipal sewer system unless approved by the City through a Sewer Discharge Agreement under the By-law.

Permanent Dewatering

7. **The City of Barrie Drinking Water Protection Policy Section 5.1 states that permanent dewatering is not permitted.**
8. **The City will not issue a discharge agreement for permanent dewatering** and therefore such discharge cannot be directed to any Municipal Sewer Works
9. The applicant has not provided an assessment of the impact to the municipal system, notably the additive effects to the capacity of the storm sewer.
10. The City of Barrie does not support permanent dewatering being discharged to the natural environment.

Water is our most precious resource, let us ensure the source is available for current and future community members to have access to safe and reliable drinking water.

Best Regards,



Katie Thompson, P. Geo
Risk Management Official
Environmental Risk Management

CC: S. Brunet, Manager of Business Performance and Environmental Sustainability, City of Barrie
S. Zoschke, Supervisor Environmental Compliance (Acting), City of Barrie
L. Roberts, Senior Environmental Officer (Acting), City of Barrie