

CITY OF HAMILTON

NOTICE OF M O T I O N

Public Works Committee: July 6, 2022

MOVED BY COUNCILLOR S. MERULLA.....

Dewatering of Groundwater from the Roxborough Mixed Income/Tenure Demonstration Project to the City's Wastewater Collection System

WHEREAS, the Roxborough Development Group has secured participation in the Canada Mortgage and Housing Corporation (CMHC) Rental Construction Financing Initiative (RCFI) program designed to facilitate the construction of new rental housing that is attainable and affordable, which is supporting the Roxborough Demonstration Project to construct 352 affordable rental units;

WHEREAS, there is a significant time sensitivity to beginning the construction of the apartment towers that incorporate these affordable rental units;

WHEREAS, the Roxborough Demonstration Project has approval from the Ministry of the Environment, Conservation and Parks to construct an underground stormwater detention tank with a maximum storage volume of 2,000 cubic metres;

WHEREAS, the groundwater levels in the area will impact the future operation of the underground stormwater detention tank;

WHEREAS, the Roxborough Development Group plans to remove groundwater from the property in order to sustain the future operation of the stormwater detention tank;

WHEREAS, the City's Sewer Use Bylaw 14-090 permits the discharge of groundwater to the City's sewer works, provided that the discharge complies with a valid Sewer Discharge Permit;

WHEREAS, the Roxborough Demonstration Project will result in a net benefit to wet weather flow discharged to the City's combined sewer system;

THEREFORE, BE IT RESOLVED

- (a) That the General Manager, Public Works or designate, be directed to approve a Sewer Discharge Permit for the discharge of groundwater from the Roxborough Demonstration Project to the City sewer works on Queenston Road, subject to the following conditions:

- (i) The Roxborough Development Group will procure, construct, install, and always operate a treatment system for the groundwater that will reduce the concentrations of any contaminants in the groundwater below the parameter limits listed in Schedule B to City Bylaw 14-090;
 - (ii) The Roxborough Development Group will install and maintain measurement and monitoring devices as required by the City for the ongoing measurement of the groundwater quantities that are discharged to the City sewer works;
 - (iii) The Roxborough Development Group will collect treated groundwater samples at a frequency specified by the City, to be analysed by an accredited laboratory, for the chemical constituents required by the City, in order to demonstrate compliance with Schedule B to City Bylaw 14-090;
 - (iv) The Roxborough Development Group will provide records of groundwater volumes discharged to the City sewer works, at a frequency stipulated by the City;
 - (v) The Roxborough Development Group will provide records of analysis of the treated groundwater to the City, at a frequency stipulated by the City;
 - (vi) The Roxborough Development group will pay all permit and treatment costs to the City, related to the groundwater discharge, at the frequency specified by the City;
 - (vii) The Roxborough Development Group will implement measures to reduce and/or eliminate the quantity of groundwater that is discharged to the City's sewer works during periods where there is snow melt, or when a wet weather is expected with anticipated rainfall accumulation of 10mm or greater;
 - (viii) The Roxborough Development Group will establish a Surcharge Contingency Plan should the discharge of groundwater volumes exceeding 0.4 liters per second be required, or should the City advise that the discharge of groundwater must cease;
 - (ix) At any point should the volume of groundwater to be discharged meet or exceed a threshold of 50,000 litres per day, the Roxborough Development Group will apply to the Ministry of the Environment, Conservation and Parks for a Permit to Take Water in accordance with the requirements of the Ontario Water Resources Act;
- (b) That the Roxborough Development Group prepare and implement the recommendation of slope stability analysis, settlement analysis, monitoring plan contingency plans and remedial action plans due to permanent dewatering, to

the satisfaction of the Director of Growth Management, and reimburse the City for any costs associated with undertaking a peer review of the study.

- (c) That the Roxborough Development Group enter into and register a site plan agreement with the City to address all related issues to the satisfaction of the Manager of Development Approvals.