

November 19, 2018

Ministry of the Environment, Conservation and Parks
77 Wellesley Street West, 11th Floor
Toronto, Ontario
M7A 2T5

To Whom It May Concern,

**Re: Declaration of Emergency Works at 30, 32, & 36 Rose Park Crescent, in the City of Toronto
30, 32, & 36 Rose Park Crescent Slope Stabilization Project**

In accordance with Section 9 of Conservation Ontario's *Class Environmental Assessment for Remedial Flood and Erosion Control Projects* (amended 2013) (Class EA), Toronto and Region Conservation Authority (TRCA) is providing formal notice that emergency remedial measures will be undertaken on the slope behind 30, 32, and 36 Rose Park Crescent where severe erosion and slope instability has resulted in significant risk to three (3) occupied residential properties.

This site was first identified to TRCA following reports of a major slope failure related to the May 2017 severe rainfall event. Considering the extensive damage and proximity of the failure to the homes, TRCA implemented interim protection measures in May 2017 which included the extension of all downspouts to the toe of slope and tarping the entire exposed slope face. TRCA subsequently retained the geotechnical engineering firm Terraprobe Inc. (Terraprobe) in June 2017 to complete an expedited slope stability and erosion risk assessment to confirm the extent of risk to the homes. At the time of the assessment, the slope failure surface was 23 m wide with a near-vertical scarp up to 6 m in height. Upon completion of the assessment, it was determined that there exists long term risk to the dwelling at 30 Rose Park Crescent should no stabilization works be undertaken.

Recent changes in site conditions and observations of accelerated erosion and slumping have prompted the recommendation to expedite the planning and design process in accordance with the Emergency Measures provisions in Section 9 of the Class EA. Terraprobe provided a memo in support of this recommendation which noted that the near vertical face of the failed slope sections are unstable and likely to experience further movement. Terraprobe advised that additional movement could present unsafe conditions for the occupants if not addressed, and it was recommended that expedited actions are required to stabilize the slope based on the site conditions. TRCA has coordinated monthly erosion hazard inspections to monitor site conditions while negotiations with landowners and the development of detailed designs to stabilize the slope are underway.

Managing the risk associated with the natural hazards of flooding and erosion is one of the primary roles of conservation authorities under the Conservation Authorities Act. TRCA fulfills this role through the delivery of multiple natural resource management programs and services, including the longstanding Erosion Risk Management Program. 30, 32, and 36 Rose Park Crescent have been prioritized for assistance through this program and all work will be planned in accordance with TRCA's *Private Landowner Contribution for Erosion Control Works* policy (amended January 27, 2017). For more information on the Erosion Risk Management Program, please refer to the following webpage:
<https://trca.ca/conservation/erosion-risk-management/>

A copy of the site plan, photos, and memorandum from Terraprobe have been enclosed for your reference. Should you have any questions about this Project or the enclosed documents, please do not hesitate to contact the undersigned.

Sincerely,



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cc: Leslie Rich, Conservation Ontario
Mike Layton, Councillor Ward 11
John MacKenzie, Toronto and Region Conservation Authority
Nick Saccone, Toronto and Region Conservation Authority
Moranne McDonnell, Toronto and Region Conservation Authority
Matt Johnston, Toronto and Region Conservation Authority
Daniel Pina, Toronto and Region Conservation Authority
Lee-Ann Hamilton, Toronto and Region Conservation Authority
Brian Moyle, Toronto and Region Conservation Authority

CFN: 58129.02

Encl. (2):

TRCA. (2017). Project Mapping for 30, 32, 36 Rose Park Crescent Erosion Control and Slope Stabilization Project, City of Toronto

Terraprobe Inc. (August 15, 2018). Memorandum for 30 – 36 Rose Park Crescent, Toronto, Ontario