

## **COMMITTEE OF THE WHOLE - SEPTEMBER 15, 2003**

### **EXEMPTION TO THE NOISE CONTROL BY-LAW CONSTRUCTION ACTIVITY REGIONAL PRESSURE DISTRICT SEVEN INTERCONNECTION TRUNK WATERMAIN**

#### **Recommendation**

The Commissioner of Engineering and Public Works recommends:

That an exemption to the City's Noise Control By-Law 270-81 be granted to permit the operation of construction equipment in connection with the construction of the final portion of the proposed Regional Pressure District Seven Interconnection Trunk Watermain on Keele Steet just south of McNaughton Road between the hours of 7:00 p.m. on Friday, September 26 and 5:00 a.m. on Monday, September 29, 2003.

#### **Purpose**

The purpose of this report is to seek Council's approval of an exemption to the City's Noise Control By-Law 270-81 to facilitate the construction of the final portion of the proposed Regional Pressure District Seven Interconnection Trunk Watermain on Keele Street south of McNaughton Road in Maple.

#### **Background - Analysis and Options**

The proposed Pressure District Seven Interconnecting Watermain is a Regional trunk facility that will link together the Richmond Hill and Vaughan PD#7 water systems. This trunk watermain will serve to supply water between the two systems and increase overall system security.

Construction of the Keele Street Pressure District #7 Watermain has been in progress since late May of this year by Clearway Construction Inc. On August 29, 2003, a request from MacViro on behalf of Clearway Construction Inc. was made to the Engineering Department for an exemption to the noise control by-law to complete certain works associated with the aforementioned watermain. Part of the works includes the connection of the 750mm diameter watermain to the existing 900mm watermain by open-cut crossing Keele Street just south of McNaughton Road. The safest and most feasible method to complete the noted crossing is to utilize a full road closure of Keele Street south of McNaughton Road as shown on Attachment No. 1.

Authorization to temporarily close Keele Street for this crossing was passed by Regional Council on April 17, 2003. Clearway has indicated their preference to complete this work on the weekend of September 26<sup>th</sup> to 29<sup>th</sup>, 2003. Construction would begin at 7:00 p.m. on Friday, September 26<sup>th</sup> and would proceed continuously until no later than 5:00 a.m. Monday, September 29<sup>th</sup>. The temporary road closure and proposed detour plan have no impact on City streets.

Pursuant to Item 16 on Table 3-1 Prohibitions by Time and Place of the City's Noise Control By-law 270-81, the operation of any equipment in connection with construction is prohibited between 7:00 p.m. one day to 7:00 a.m. the next day if clearly audible in a residential area.

The overall noise level emitting from the construction activities is expected to be low and muffled, however, given that residential areas are within proximity of the construction zone, an exemption to the City's Noise Control By-law is required to facilitate the construction of the proposed Trunk Watermain.

## **Conclusion**

The Region is proceeding with the construction of the final portion of the Pressure District Seven Interconnection Trunk Watermain. To facilitate this work plan, it is recommended that an exemption to the City's Noise Control By-Law 270-81 be granted. Should Council concur, the recommended resolution could be passed.

## **Attachments**

1. Location Map

## **Report prepared by:**

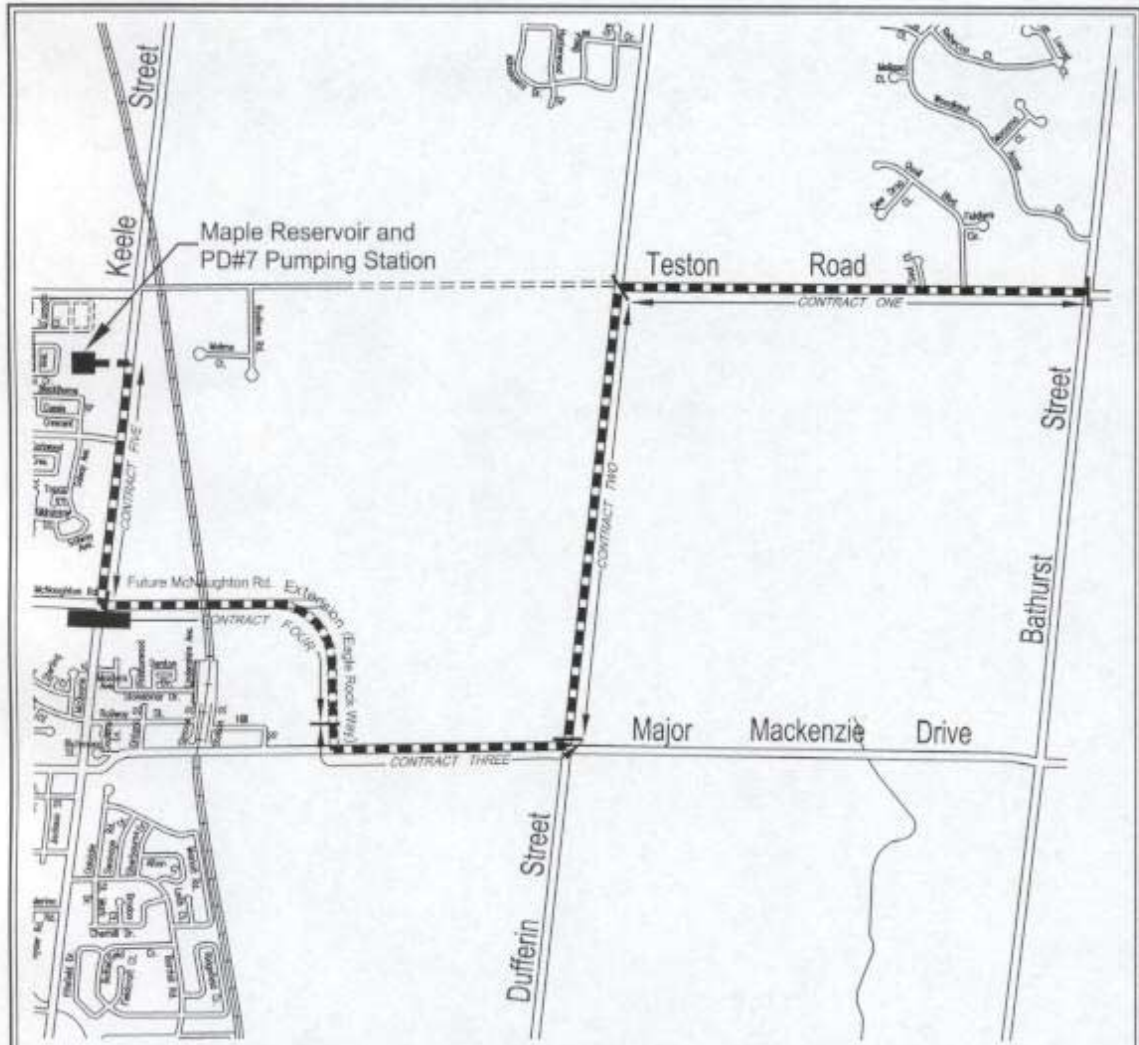
M. Doyle, Senior Engineering Assistant, Planning & Studies, ext 8256  
M. Frieri, Development Supervisor, Engineering Planning & Studies, ext 8729

Respectfully submitted,

Bill Robinson, P. Eng.  
Commissioner of Engineering and Public Works

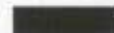

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# ATTACHMENT No. 1



## NOISE CONTROL BY-LAW EXEMPTION REGIONAL PD#7 INTERCONNECTION TRUNK WATERMAIN

### LEGEND

-  CONSTRUCTION ZONE  
subject to noise control by-law exemption
-  REGIONAL PRESSURE DISTRICT SEVEN  
INTERCONNECTION TRUNK WATERMAIN



NOT TO SCALE

CITY OF VAUGHAN - ENGINEERING DEPARTMENT

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