

COMMITTEE OF THE WHOLE - FEBRUARY 4, 2008

REQUEST FOR NOISE EXEMPTION - NORTH MAPLE RESERVOIR UPGRADE PROJECT

Recommendation

The Director of Enforcement Services recommends that Drainstar be granted an exemption to the Noise By-law 96-2006.

Economic Impact

N/A

Communications Plan

Drainstar has been advised to notify the area residents and businesses of the work schedule.

Purpose

This report is to provide information related to a request for a long term noise exemption to By-law 96-2006.

Background - Analysis and Options

The City of Vaughan Noise By-law 96-2006 delegates authority to grant noise exemptions for construction purposes up to eleven days, to the Department Head of Enforcement Services.

On January 16, 2008, Drainstar Contracting Ltd. Wrote to the City of Vaughan Enforcement Services Department requesting an exemption to the Noise By-law for the North Maple Reservoir Upgrade Project located at 11201 Keele Street & the southwest corner of Keele Street and Kirby Road.

The request for exemption has been revised in a letter dated January 21, 2008 in order to allow time for the item to be reviewed by Council. The dates requested for exemption are for a period from January 25 to April 25th every weekend and on weeknights for the weeks of February 11 and March 3, 2008. The exemption is required for the purpose of valving and connection to existing water main and cell re-activation. Evening work is required to reduce the impact to the residents and businesses in the area as the two connections will cause temporary disruption to the water supply.

The Applicant further advised that the North maple Reservoir supplies the Pressure District 9 area within the City of Vaughan and is essential for the domestic and emergency and fire supply to the system. The project requires in-cell work and reduces the capacity of the reservoir for the construction period. The project was scheduled for the winter months to take advantage of the lower water demands on the system.

As the delegated authority under the By-law is only eleven days, the Applicant would require a specific amendment to the By-law.

The Applicant's package has been attached to this report.

Relationship to Vaughan Vision 2007

This report is in keeping with the priorities previously established by Council.

Regional Implications

York Region has retained Drainstar Contracting Ltd. to construct the North Maple Reservoir Upgrade Project.

Conclusion

This request for a Noise Exemption under By-law 96-2006 exceeds the delegated authority. A specific By-law amendment would be required to permit this construction project to proceed as planned.

Attachments

Information package from Drainstar Contracting Ltd.

Report prepared by:

Janice Heron
Administrative Coordinator, Enforcement Services

Respectfully submitted,

Tony Thompson
Director, Enforcement Services



DRAINSTAR CONTRACTING LTD.

January 21, 2008

City of Vaughan
Enforcement Services
2141 Major Mackenzie Drive
Vaughan, Ontario
L6A 1T1

Attention: Ms. Jannice Heron

**Re: North Maple Reservoir Upgrade
11201 Keele Street &
Southwest Corner of Keele & Kerby
Region of York
Contract No. T-06-64**

Dear Madam,

Further to our letter of January 16th 2008 and our subsequent telephone conversation, please find attached herewith a cheque in the amount of \$100.00 payable to City of Vaughan, for the permit for exemption of noise by-law for the above captioned project.

We will be requiring to work on all weekends from February 11th 2008 to May 18th 2008 and on weeknights, the week of February 11th 2008 and the week of March 3rd 2008 for the purpose of valving and connection to existing watermain and cell re-activation.

We thank you for your co-operation and understanding in this matter.

Yours Truly,
DRAINSTAR CONTRACTING LTD

Mike Sriskantha, P.Eng, C.Eng
Project Director



DRAINSTAR CONTRACTING LTD.

LM-1256 Jan 18/08

January 16, 2008

City of Vaughan
Enforcement Services
2141 Major Mackenzie Drive
Vaughan, ON L6A 1T1

416-990-0117

RECEIVED

JAN 18 2008
CITY OF VAUGHAN
ENFORCEMENT
SERVICES

Attention: Tony Thompson
Senior Manager, Enforcement Services

**Re: Request for Exemption from By-law to Control Noise
North Maple Reservoir – 11201 Keele St
Regional Municipality of York**

Dear Sir:

York Region has retained the Drainstar Contracting Ltd. to construct the North Maple Reservoir Upgrade project. Construction has commenced and in order to proceed some additional night and weekend work will be required necessitating an exemption to the City's Noise Control By-Law.

The North Maple Reservoir supplies the Pressure District 9 (PD9) area within the City of Vaughan and is essential for the domestic and, emergency and fire supply to the system. The project requires in-cell work and reduces the capacity of the reservoir for the construction period. For this reason the project was scheduled for the winter months to take advantage of the lower water demands on the system. Drainstar is requesting that an exemption to the City of Vaughan Noise Control By-law be granted to allow for weekend work if required to meet the deadline for recommissioning of both reservoir cells.

There are two connections required under the contract that will cause temporary disruption to the water supply to PD9 and it is therefore requested that an exemption be granted to allow for the work to be completed at night to reduce the impact to the residents/businesses in the area.

We have enclosed an Application for the Exemption for the required noise by-law exemption for the project.

We respectfully request that you review this application and the information submitted with the application.

Yours truly,
Drainstar Contracting Ltd.

Mike Sriskantha, P.Eng, C.Eng
Project Director

- confirm dates
- Jan 26 can't be
approved.

APPLICATION FOR EXEMPTION
BY-LAW NO. 270-81 AND AMMENDMENTS
BY-LAW TO CONTROL NOISE

This application is made in accordance with Clause 9 of By-law No. 270-81.

Applicant

Drainstar Contracting Ltd
989 Creditstone Road
Concord, Ontario L4K 4N7

Mike Sriskantha, P.Eng.
Costruction Project Engineer

Phone: (905) 738-9980
Fax: (905) 660-7351

Noise Source

The noise source will be 2 excavators, front end loader and mobile crane operating at ground surface within the confines of the North Maple Reservoir Site. The work may include the excavation of watermain trench and valve house.

Area of By-Law Exemption

Exemption is sought from Clause 3, Table 3-1, Item 16 to allow the operation of equipment and personnel as follows:

Location

11201 Keele St
Vaughan ON

Duration/Time/Reason

- 2 nights between Feb. 15, and March 15, 2008
- Intermittent weekend work between Jan. 26 and April 20, 2008

Project

North Maple Reservoir Upgrade

Construction of new inlet / outlet watermain and sumps into the reservoir, including a new valve chamber and valve house. Work includes in-cell reservoir construction and excavation and construction activities within the reservoir site. There is also a new valve chamber and cross connection near the intersection of Keele St and Kirby Rd.

Reason for Exemption

The project requires the decommissioning and recommissioning of the reservoir cells, which are essential to the water supply to the PD9 area within the City of Vaughan. Drainstar may be required (based on the schedule) to perform weekend work to meeting the completion deadline of April 15, 2008 to avoid disruption of supply. The overnight work is required to make connections to the existing Vaughan system as it will result in the temporary disruption of service and must be completed at a time when it will cause the least impact

By-law Compliance

Mitigation measures will be made to limit the noise generated and measures will be implemented to mitigate noise. The primary source of noise will be excavators, loaders and crane operating at ground surface. The crane will be fitted with an efficient muffling device to reduce noise to less than 85 dBA in accordance with Publication NPC-115.

Furthermore, lights required inside the working area will be shrouded and directed inward towards the working area.