

## CITY OF VAUGHAN

### EXTRACT FROM COUNCIL MEETING MINUTES OF MARCH 19, 2019

Item 13, Report No. 11, of the Committee of the Whole, which was adopted without amendment by the Council of the City of Vaughan on March 19, 2019.

**13. REQUEST FOR CONSTRUCTION NOISE EXEMPTION – TRANS-CANADA PIPELINES INSTALLATION OF A TURBO-COMPRESSOR AT 11200 WESTON ROAD BETWEEN APRIL 2019 AND SEPTEMBER 2019**

The Committee of the Whole recommends:

- 1) That the recommendation contained in the following report of the Deputy City Manager, Community Services, dated March 5, 2019 be approved, subject to the following amendments in accordance with Communication C4, memorandum from the Deputy City Manager, Community Services and the Director, By-law & Compliance, Licensing & Permit Services, dated March 5, 2019, as follows:

**THAT Recommendation 2(e) of Schedule 1, be deleted and replaced with the following:**

**That no construction take place between 7:00 p.m. Saturdays and 7:00 a.m. Mondays (or 7:00 a.m. Tuesdays, if the preceding Monday is a Statutory Holiday).**

**Recommendations**

1. THAT Council adopt the recommendations as provided in Attachment 1.

Item:



## Committee of the Whole Report

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**DATE:** Tuesday, March 05, 2019

**WARD(S):** 1

**TITLE: REQUEST FOR CONSTRUCTION NOISE EXEMPTION – TRANS-CANADA PIPELINES INSTALLATION OF A TURBO-COMPRESSOR AT 11200 WESTON ROAD BETWEEN APRIL 2019 AND SEPTEMBER 2019**

**FROM:**

Mary Reali, Deputy City Manager, Community Services

**ACTION:** DECISION

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**Purpose**

This report is to seek Council approval of a request for a noise exemption to By-law 062-2018, as amended, for the installation of a turbo-compressor by the Applicant Trans-Canada Pipelines Ltd, at the Maple Station 130 located at 11200 Weston Road, for the period of April 1, 2019 through September 30, 2019.

**Report Highlights**

- A noise exemption from By-law 062-2018, as amended, is being requested for the installation of turbo-compressor at the Trans-Canada Pipeline station
- This project supports the development of the Trans-Canada Pipelines project that support the transportation of crude oil, natural gas and refined products across Canada and North America.

**Recommendations**

1. THAT Council adopt the recommendations as provided in Attachment 1.

## **Background**

### ***Legislation***

The City of Vaughan's Noise Control By-law No. 062-2018, as amended, prohibits noise created from the use of "construction equipment" as defined, between the hours of 7:00 pm of one day to 7:00 am the following day and on Sundays and statutory holidays.

Any noise created by construction activity during these prescribed hours requires an exemption to the provisions of the By-law. Exemption requests for construction noise are governed by the By-law provisions of Section 20, Exemption – Construction Equipment.

### ***Requested work period***

The Applicant, TransCanada Pipelines Limited, is requesting a work period of April 1, 2019 through September 30, 2019, to work between 7:00 pm to 7:00 am, except on Sundays and statutory holidays, at the Maple Station 130 building at 11200 Weston Road, southwest of Kirby Road and Weston Road.

The intent of the work is to continue the expansion of the Trans-Canada Pipelines project, that facilitates the transportation of crude oil, natural gas and refined products across North America. This noise exemption is requested for the installation of a "turbo-compressor", a component of the pipeline required to facilitate the movement of materials. The turbo-compressor will be installed within the station. The Applicant is requesting for the work to be completed overnight, as the installation requires overhead work which requires dayshift workers on the main floors to be absent for safety reasons.

### ***Stakeholder engagement***

The Applicant will distribute communication notices with details of the project to all residents and businesses within 60 metres of the project site at least two weeks prior to the start of the project.

## **Previous Reports/Authority**

Noise Control By-law: [062-2018](#)

## **Analysis and Options**

This project supports the development of the TransCanada Pipeline.

### ***Noise Mitigation***

The City and construction supervisor will comply with standard noise exemption mitigation measures, including that they minimize idling of construction vehicles, avoid unnecessary revving of engines, use of airbrakes, as well as the requirement to maintain equipment in good working order (including the use of muffling devices) to minimize noise impacts.

As detailed in the letter, the majority of the required work will take place in within the sound-attenuated building, which is expected to have minimal sound impact to the surrounding area. The required outside work, such as staging and moving material, will

largely be scheduled as early as possible, to minimize disruption. In addition to City standards, the Applicant will utilize noise avoidance measures outlined in the TransCanada's Environmental Protection Plan.

A summary of noise mitigation measures are as follows:

- moving materials outside the building will be conducted at the beginning of the shift;
- compressors, welding units and/or water pumps will be enclosed if used outside the building;
- any lifting with cranes outside the building will be completed by 9 pm;
- idling of construction vehicles will be minimized;
- use of personnel vehicles will be limited to access to and from site;
- use of vehicles with safety backup alarms will be limited and reversing will be restricted to the extent possible;
- the number of workers on site will be limited;
- unnecessary revving of engines and unnecessary use of airbrakes will be avoided;
- equipment will be maintained in good working order (including muffling devices and noise attenuation where appropriate); and
- lights will be directed away from surrounding residents to the extent possible.

### **Financial Impact**

Adoption of this noise exemption has no economic impact for the City.

### **Broader Regional Impacts/Considerations**

This project supports the development of the Trans-Canada Pipelines project that support the transportation of crude oil, natural gas and refined products across Canada and North America.

### **Conclusion**

Staff believe that the noise exemption for this project should be endorsed by Council pursuant to the recommendations set out in this report.

**For more information**, please contact: Gus Michaels, Director and Chief Licensing Officer, By-law & Compliance, Licensing & Permit Services, ext. 8735.

### **Attachments**

1. Recommendations
2. Project map
3. Letter to residents and businesses

**Prepared by**

Carol Ramchuram, Regulatory Policy Analyst, By-Law & Compliance, Licensing & Permit Services, ext. 8783

## **Recommendations**

1. That the Applicant, TransCanada Pipelines Limited, be granted a noise exemption, in accordance with the City's Noise Control By-law 96-2006, as amended, for the purposes of turbo-compressor installation at 11200 Weston Road, for the period of April 1, 2019 through September 30, 2019, 7:00 pm to 7:00 am.
2. That this request for exemption be granted with the following conditions for the Applicant:
  - a) That construction communication notices be sent to surrounding residents and business owners within a 60-metre radius, in keeping with City standards, advising them of the impending work;
  - b) That the construction communication notices to residents, and businesses include contact information for the Applicant, including the construction supervisor;
  - c) That the Applicant monitor and investigate any complaints regarding construction noise;
  - d) That the Applicant take measures to minimize any unnecessary noise, including but not limited to idling of construction vehicles, unnecessary revving of engines, use of airbrakes, and to maintain equipment in good working order (including muffling devices) to minimize noise impacts; and
  - e) That no construction take place on Sundays and Statutory Holidays.

# Project map

Attachment 2







DRAFT



\_\_\_\_\_, 2019

**Subject: TransCanada's Station 130C Unit Addition  
11200 Weston Road, Maple  
Construction Update**

Dear Neighbour:

Construction activity continues at TransCanada's Station 130 Compressor Station in Maple to add a new unit, known as the Station 130C Unit Addition Project, with an in-service date in November 2019.

This update is to notify residents within 1 kilometre of the project about an upcoming phase of construction to take place **between April 1, 2019 and September 30, 2019**. During this period, in addition to the 7 am to 7 pm construction work, a second shift will occur from 7 pm to 7 am for work primarily inside the new compressor building and auxiliary buildings. This is required so that overhead work can occur safely and separate from work on the main floor below within in the new buildings.

Please note that there will be **no work conducted on any Sundays or Statutory Holidays (April 19<sup>th</sup>, May 20<sup>th</sup>, July 1<sup>st</sup>, August 5<sup>th</sup>, or September 2<sup>nd</sup>) during this period**. TransCanada has been issued a variance from the City of Vaughan for this work during this temporary period.

Primary work planned during this period includes:

- Electrical and piping work inside the newly constructed sound-attenuated buildings, and immediately adjacent to these buildings
- Flushing and cleaning new piping, and safety testing on completed systems

There will be some limited equipment and work required outside and directly adjacent to the buildings. TransCanada is committing to the following to manage impacts to neighbours including:

- moving materials outside the building will be conducted at the beginning of the shift;
- compressors, welding units and/or water pumps will be enclosed if used outside the building;
- any lifting with cranes outside the building will be completed by 9 pm;
- idling of construction vehicles will be minimized;
- use of personnel vehicles will be limited to access to and from site;
- use of vehicles with safety backup alarms will be limited and reversing will be restricted to the extent possible.
- the number of workers on site will be limited;
- unnecessary revving of engines and unnecessary use of airbrakes will be avoided;
- equipment will be maintained in good working order (including muffling devices and noise attenuation where appropriate) and,
- Lights will be directed away from surrounding residents to the extent possible.

TransCanada apologizes for any inconvenience and appreciates your patience while we work diligently to complete the Project. If you have any questions or concerns, please contact:

Brian MacDonnell  
[brian\\_macdonnell@transcanada.com](mailto:brian_macdonnell@transcanada.com)  
705-238-0665

Steve Niddery  
[SteveN@landsolutions.com](mailto:SteveN@landsolutions.com)  
506-640-2377

Yours truly,

A handwritten signature in blue ink, appearing to read 'Darren Hopkins', with a long horizontal stroke extending to the right.

Darren Hopkins, P. Eng.  
Project Manager, TransCanada

Sent on Behalf of the Station 130C Unit Addition Project Team