

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 4684-BEJJVC

Issue Date: August 28, 2019

The Sarjeant Company Limited
15 Sarjeant Dr
Barrie, Ontario
L4N 4V9

Site Location: 242 Cherry Street
Toronto City
M5A 3L2

You have applied under section 20.2 of Part II.1 of the Environmental Protection Act, R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:

- one (1) ready-mix concrete batching plant, having a maximum concrete production capacity of 600 cubic metres per day, and consisting of the following emission sources:
 - one (1) baghouse dust collector, to control emissions from storage Silo #1, having a storage capacity of 60 tonnes, equipped with polyester filter material having a filtering area of 16 square metres and a pulse-jet type cleaning system, discharging to the air at a maximum volumetric flow rate of 0.33 cubic metre per second, through a stack having an exit diameter of 0.96 metre and extending 8.2 metres above grade;
 - one (1) baghouse dust collector, to control emissions from storage Silo #2, having a storage capacity of 75 tonnes, equipped with polyester filter material having a filtering area of 24.5 square metres and a pulse-jet type cleaning system, discharging to the air at a maximum volumetric flow rate of 0.33 cubic metre per second, through a stack having an exit diameter of 0.13 metre and extending 15.4 metres above grade;
 - one (1) dust collector, to control emissions from the cement weigh scale, passively discharging to the air through a vent having an exit diameter of 0.3 metre and extending 6.5 metres above grade;
 - one (1) loading point dust collection system, to control emissions from the loading point, equipped with polyester filter material having a filtering area of 80 square metres and a pulse-jet type cleaning system, discharging to the air at a maximum volumetric flow rate of 2.36 cubic metres per second, through a stack having an exit diameter of 0.34 metre and extending 5.0 metres above grade;

- one (1) 285 kilowatt diesel fired generator to provide power to the *Equipment*, discharging into the air through a stack with an exit diameter of 0.15 metre, extending 2.2 metres above grade;
- fugitive emissions resulting from the delivery, storage, and transfer of materials associated with ready-mix concrete batching operations;

all in accordance with the Application for Approval (Air & Noise) submitted by The Sarjeant Company Limited, dated June 17, 2019 and signed by Brandon Elliott, President; and the supporting information, including the Emission Summary and Dispersion Modelling Report, submitted by BCX Environmental Consulting, dated June 19, 2019, and signed by Neil Chan, and the additional information submitted by BCX Environmental Consulting, dated August 2, August 9, and August 23, 2019.

For the purpose of this environmental compliance approval, the following definitions apply:

1. "*Approval*" means this Environmental Compliance Approval, including the application and supporting documentation listed above;
2. "*Best Management Practices Plan*" means the document titled "Fugitive Dust Control Program", dated June 2019 and prepared by The Sarjeant Company Limited;
3. "*Company*" means The Sarjeant Company Limited, that is responsible for the construction or operation of the *Facility* and includes any successors and assigns;
4. "*Director*" means a person appointed for the purpose of section 20.3 of the *EPA* by the *Minister* pursuant to section 5 of the *EPA*;
5. "*District Manager*" means the District Manager of the appropriate local district office of the *Ministry*, where the *Facility* is geographically located;
6. "*EPA*" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended;
7. "*Equipment*" means the equipment and processes described in the *Company's* application, this *Approval* and in the supporting documentation submitted with the application, to the extent approved by this *Approval*;
8. "*Facility*" means the entire operation located on the property where the *Equipment* is located;
9. "*Manual*" means a document or a set of documents that provide written instructions to staff of the *Company*;

10. "*Minister*" means the Minister of the Environment, Conservation and Parks or such other member of the Executive Council as may be assigned the administration of the *EPA* under the Executive Council Act;
11. "*Ministry*" means the ministry of the *Minister*;
12. "*Publication NPC-300*" means the *Ministry* Publication NPC-300, " Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning, Publication NPC-300", August, 2013, as amended.

You are hereby notified that this environmental compliance approval is issued to you subject to the terms and conditions outlined below:

TERMS AND CONDITIONS

1. OPERATION AND MAINTENANCE

1. The *Company* shall ensure that the *Equipment* is properly operated and maintained at all times. The *Company* shall:
 - a. prepare, before commencement of operation of the *Equipment*, and update, as necessary, a *Manual* outlining the operating procedures and a maintenance program for the *Equipment*, including:
 - i. routine operating and maintenance procedures in accordance with good engineering practices and as recommended by the *Equipment* suppliers;
 - ii. emergency procedures, including spill clean-up procedures;
 - iii. procedures for any record keeping activities relating to operation and maintenance of the *Equipment*;
 - iv. all appropriate measures to minimize noise emissions from all potential sources; and
 - v. the frequency of inspection and replacement of the filter material in the *Equipment*;
 - b. implement the recommendations of the *Manual*.

2. FUGITIVE DUST CONTROL

1. The *Company* shall implement the *Best Management Practices Plan* for the control of fugitive dust emissions resulting from the operation of the *Facility*. The *Company* shall update the *Best Management Practices Plan*, as necessary or at the direction of the *District Manager*.

3. RECORD RETENTION

1. The *Company* shall retain, for a minimum of two (2) years from the date of their creation, all records and information related to or resulting from the recording activities required by this *Approval*, and make these records available for review by staff of the *Ministry* upon request. The *Company* shall retain:
 - a. all records on the maintenance, repair and inspection of the *Equipment*; and
 - b. all records of any environmental complaints, including:
 - i. a description, time and date of each incident to which the complaint relates;
 - ii. wind direction at the time of the incident to which the complaint relates; and
 - iii. a description of the measures taken to address the cause of the incident to which the complaint relates and to prevent a similar occurrence in the future.

4. NOTIFICATION OF COMPLAINTS

1. The *Company* shall notify the *District Manager*, in writing, of each environmental complaint within two (2) business days of the complaint. The notification shall include:
 - a. a description of the nature of the complaint; and
 - b. the time and date of the incident to which the complaint relates.

5. NOISE

1. The *Company* shall, at all times, ensure that the noise emissions from the *Facility* comply with the limits set out in *Ministry Publication NPC-300*.

The reasons for the imposition of these terms and conditions are as follows:

1. Conditions No. 1 and 2 are included to emphasize that the *Equipment* must be maintained and operated according to a procedure that will result in compliance with the *EPA*, the *Regulations* and this *Approval*.
2. Condition No. 3 is included to require the *Company* to keep records and to provide information to staff of the *Ministry* so that compliance with the *EPA*, the *Regulations* and this *Approval* can be verified.
3. Condition No. 4 is included to require the *Company* to notify staff of the *Ministry* so

as to assist the *Ministry* with the review of the site's compliance.

4. Condition No. 5 is included to provide the minimum performance requirement considered necessary to prevent an adverse effect resulting from operation of the *Facility*.

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me, the Environmental Review Tribunal and in accordance with Section 47 of the Environmental Bill of Rights, 1993, the Minister of the Environment, Conservation and Parks, within 15 days after receipt of this Notice, require a hearing by the Tribunal. The Minister of the Environment, Conservation and Parks will place notice of your appeal on the Environmental Registry. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:

- a. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
- b. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

1. The name of the appellant;
2. The address of the appellant;
3. The environmental compliance approval number;
4. The date of the environmental compliance approval;
5. The name of the Director, and;
6. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

AND

The Minister of the Environment,
Conservation and Parks
777 Bay Street, 5th Floor
Toronto, Ontario
M7A 2J3

AND

The Director appointed for the purposes of
Part II.1 of the Environmental Protection Act
Ministry of the Environment, Conservation
and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or www.ert.gov.on.ca**

This instrument is subject to Section 38 of the Environmental Bill of Rights, 1993, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario

may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at <https://ero.ontario.ca/>, you can determine when the leave to appeal period ends.

The above noted activity is approved under s.20.3 of Part II.1 of the Environmental Protection Act.

DATED AT TORONTO this 28th day of August,
2019

Christina Labarge, P.Eng.
Director
appointed for the purposes of Part
II.1 of the *Environmental
Protection Act*

AB/
c: District Manager, MECP Toronto - District
Neil Chan, BCX Environmental Consulting