

**ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 3085-C8T7M3

Issue Date: November 17, 2021

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

**Site Location:** Mobile within Ontario

*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) dual-mode portable ready-mix concrete batching plant, having a maximum production rate of 400 cubic metres per day, consisting of the following equipment and emission sources:

Following Equipment are operating in both Scenario 1 and 2:

- one (1) baghouse dust collector, used to control emissions from storage Silo #1 (plant silo) having a storage capacity of 30 tonnes, complete with polyester filter material having a filtering area of 39 square meters and a pulse-jet type cleaning system, passively discharging to the air at a maximum flow rate of 1.1 cubic metres per second, through a stack having an exit diameter of 1.0 metre, and extending 6.8 metres above grade;
- one (1) baghouse dust collector, used to control emissions from storage Silo #2 (Auxiliary Silo 1) having a storage capacity of 68 tonnes, complete with a polyester filter material having a filtering area of 24.5 square metres and a pulse-jet type cleaning system, passively discharging to the air at a maximum flow rate of 0.33 cubic metres per second, through a stack having an exit diameter of 0.8 metre and extending 15.4 metres above grade;
- one (1) baghouse dust collector, to control emissions from storage Silo #3 (Auxiliary Silo 2) having a storage capacity of 68 tonnes, complete with a polyester filter material having a filtering area of 24.5 square metres and a pulse-jet type cleaning system, passively discharging to the air at a maximum flow rate of 0.33 cubic metres per second through a stack, having an equivalent exit diameter of 0.8 metre and extending 15.4 metres above grade;
- one (1) dust collector, used to control emissions from the cement weigh scale, discharging passively through a vent, having an exit diameter of 0.15 metre, and

extending 4.0 metres above grade;

- one (1) propane fired boiler, having a maximum thermal input rating of 2,493,097 Kilojoules per hour, discharging into the air through a stack, having an exit diameter of 0.35 metre, and extending 5.6 metres above grade;
- one (1) diesel fired generator having a power rate of 285 kW, used to provide power to the ready-mix concrete operations, discharging through a stack having an exit diameter of 0.15 metres, and extending 2.7 metres above the grade; and
- fugitive emissions resulting from the delivery, storage and transfer of raw materials associated with ready mix concrete batching operations.

Following Additional Equipment is only operating in Scenario 2:

- one (1) dust collector, used to control emissions from the central mixer, complete with a polyester filter material having a filtering area of 22 square metres and a pulse-jet type cleaning system, discharging to the air at a maximum volumetric flow rate of 0.39 cubic metre per second, through a stack having an exit diameter of 0.25 metres, and extending 7.0 metres above grade;

all in accordance with the application for an Environmental Compliance Approval (Air and Noise) submitted by The Sarjeant Company Limited, dated December 10, 2020, and signed by Brandon Elliott, President; Emission Summary and Dispersion Modelling Report prepared by BCX Environmental Consulting, dated December, 2020; and all the information associated with the application.

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

1. "Approval" means this Environmental Compliance Approval, including the application and all supporting documentation;
2. "Common Air Contaminants" means the contaminants listed in the Emission Summary Table of the ESDM Report;
3. "Company" means The Sarjeant Company Limited that is responsible for the construction or operation of the Plant and includes any successors and assigns;
4. "Director" means any Ministry employee appointed 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, at the geographic location where the Plant is operated;
6. "EPA" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as

amended;

7. "Equipment" means the equipment described in the Company's application, this Approval and in the supporting documentation referred to herein, to the extent approved by this Approval;
8. "Manual" means a document or a set of documents that provides written instructions to staff of the Company;
9. "Ministry" means the ministry of the government of Ontario responsible for the EPA and includes all officials, employees or other persons acting on its behalf;
10. "Plant" means the entire portable crushing operations, incorporating the Equipment;
11. "Point of Reception" means a Point of Reception as defined in Publication NPC-300;
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;
13. "Sensitive Receptor" means any location where routine or normal activities occurring at reasonably expected times would experience adverse effect(s) from discharges from the Plant to the atmosphere, including one or a combination of:
  - a. private residences or public facilities where people sleep (e.g.: single and multi-unit dwellings, nursing homes, hospitals, trailer parks, camping grounds, etc.),
  - b. institutional facilities (e.g.: schools, churches, community centres, day care centres, recreational centres, etc.),
  - c. outdoor public recreational areas (e.g.: trailer parks, play grounds, picnic areas, etc.), and
  - d. other outdoor public areas where there are continuous human activities (e.g.: commercial plazas and office buildings).

*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. **Noise Emissions**

1. The Company shall, at all times, ensure that the noise emissions from the

Plant comply with the limits set in Ministry Publication NPC-300.

## **2. Site-Specific Operational Limits**

1. The Company shall limit the operation of the Equipment at any one site as follows:
  - a. the Equipment shall be operated for a maximum duration of one (1) calendar year at any one site if there are no other sources of Common Air Contaminants or noise at that site; otherwise the Equipment shall be operated for a maximum of sixty (60) calendar days per year at that site.

## **3. Minimum Separation Distance to the Nearest Sensitive Receptor**

1. The Company shall ensure that a minimum separation distance is maintained between the Plant and the nearest Sensitive Receptor as prescribed in Schedule "B".

## **4. Minimum Separation Distance(s) to the Nearest Point of Reception**

1. The Company shall, at all times, ensure that a minimum separation distance of 500 metres is maintained between the Plant and the nearest Point of Reception.

## **5. Operation and Maintenance Manual**

1. The Company shall ensure that the Plant/Equipment is properly operated and maintained at all times. The Company shall:
  - a. prepare, not later than three (3) months after the date of this Approval, and update, as necessary, a Manual outlining the operating procedures and a maintenance program for the Plant/Equipment, including:
    - i. routine operating and maintenance procedures in accordance with good engineering practices and as recommended by the Equipment suppliers;
    - ii. emergency procedures;
    - iii. procedures for any record keeping activities relating to operation and maintenance of the Plant/Equipment;
    - iv. procedures for recording the daily volume of ready-mix concrete produced;
    - v. procedures for recording the duration of operation of the Equipment at any one operating site;
    - vi. procedures for determining whether there are other sources of Common Air Contaminants or noise at an operating site;
    - vii. procedures for identifying separation distances between the

Equipment and Points of Reception, and between the Equipment and Sensitive Receptors;

- viii. all appropriate measures to minimize noise and fugitive dust emissions from all potential sources; and
- ix. the frequency of inspection and replacement of the filter material in the Equipment;

b. implement the recommendations of the Manual.

## **6. Fugitive Dust Control**

- 1. The Company shall provide effective dust suppression for the Equipment and any other sources of fugitive dust emissions from the Plant.

## **7. Marking of Portable Plant**

- 1. The Company shall post a legible sign in a location which is accessible to the public, clearly identifying:
  - a. the Company name;
  - b. the number of this Approval;
  - c. a brief description of the nature of the operation;
  - d. a Company contact name and telephone number for the public to provide comments;
  - e. hours of operation; and
  - f. length of time the Company intends to operate the Plant at that location.

## **8. Keeping a Valid Approval**

- 1. The Company shall ensure that a copy of this Approval, as well as any subsequent Amended Approvals or Notices that amend this Approval, are available for inspection by a Provincial Officer at each site where the Plant is operated.

## **9. 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;
  - b. all records on the daily volume of ready-mix concrete produced at each operating site;

- c. all records on the duration of operation at each operating site;
- d. all records on the separation distances between the Equipment and Points of Reception, and between the Equipment and Sensitive Receptors at each operating site;
- e. all records on the daily operation of the Plant/Equipment, including:
  - i. daily production rate;
  - ii. daily start-up and shut-down times of the Plant/Equipment;
- f. all records of any upset conditions associated with the operation of the Plant/Equipment;
- g. procedures for recording the daily volume of ready-mix concrete produced;
- h. procedures for recording the duration of operation of the Equipment at any one operating site;
- i. procedures for determining whether there are other sources of Common Air Contaminants or noise at an operating site;
- j. procedures for identifying separation distances between the Equipment and Points of Reception, and between the Equipment and Sensitive Receptors;
- k. all records on the environmental complaints, including:
  - i. a description, time, date and location of each incident;
  - ii. operating conditions (e.g. upset conditions, etc.) at the time of the incident;
  - iii. wind direction and other weather conditions at the time of the incident;
  - iv. the name(s) of Company personnel responsible for handling the incident;
  - v. the cause of the incident;
  - vi. the Company response to the incident; and
  - vii. a description of the measures taken to address the cause of the incident and to prevent a similar occurrence in the future, and the outcome of the measures taken.

## **10. 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;
- b. the time, date and location of the incident;
- c. the wind direction and other weather conditions at the time of the incident; and
- d. the name(s) of Company personnel responsible for handling the incident.

## **11. Change of Owner**

1. The Company shall notify the Director and the District Manager, in writing, of any of the following changes within thirty (30) days of the change occurring:
  - a. change of owner or operating authority, or both;
  - b. change of address of owner or operating authority or address of new owner or operating authority;
  - c. change of partners where the Owner is or at any time becomes a partnership, and a copy of the most recent declaration filed under the Business Names Act, R.S.O. 1990, c. B.17, as amended, shall be included in the notification;
  - d. change of name of the corporation where the Owner is or at any time becomes a corporation, and a copy of the most current information filed under the Corporations Information Act, R.S.O. 1990, c. C.39, as amended, shall be included in the notification.
2. The Company shall notify any succeeding new owner, in writing, of the existence of this Approval, as well as any subsequent Amended Approvals or Notices that amend this Approval and, shall forward a copy of such a notice to the Director and the District Manager together with the notification required under Condition 11.1.

## **12. Relocation**

1. The Company shall notify the District Manager, in writing, at least ten (10) business days in advance of any intended location of the Plant at each operating site, by submitting a completed Form 1, outlined in Schedule A.

# **SCHEDULE A**

## **NOTICE OF RELOCATION FOR PORTABLE EQUIPMENT**

1. Owner and/or Operator

- a. Company name :
- b. Contact person :
- c. Telephone number :

2. Proposed Location

- a. Municipality:
- b. Lot number:
- c. Concession number:

3. Operation

- a. Date of commencement and completion of operation: from                    to
  
- b. Hours of operation: from                    to
- c. Identification of the Plant and the operating scenario as defined in **Schedule "B"** of this Approval
- d. Maximum processing rate (tonnes/hour):
- e. Type of material to be processed:

Please attach the following:

- 1. A copy of the Approval.
- 2. A plot plan or sketch of the proposed location showing the following:
  - a. the entire operating site
  - b. distance between the Equipment and the nearest off-property Point of Reception
  - c. distance between the Equipment and the nearest Sensitive Receptor
  - d. land use within 1500 metres from the Equipment.

## SCHEDULE B

### Minimum Required Separation Distances between the mobile plant and Sensitive Receptors

Scenario	Operation	Loading point dust collector system	Minimum Separation Distance (m)
1	Dry Batch	Uncontrolled Loading	800



	Loading (Truck-mix)	Point: without dust collection system to control the loading point dust emission	
2	Wet mix Loading (Central-mix)	Controlled Loading Point: with one (1) dust collector in operation to control the dust emission from the transfer of raw material to central mixer	220

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

1. Conditions No. 1 to 8, inclusive, are included to provide the minimum performance requirements considered necessary to prevent an adverse effect resulting from the operation of the Plant/Equipment and to emphasize that the Plant/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. 9 is included to require the Company to keep records and to provide information to the Ministry so that compliance with the EPA, the regulations and this Approval can be verified.
3. Conditions No. 10 to 12, inclusive, are included to require the Company to notify/report to the Ministry so that compliance with the EPA, the regulations and this Approval can be verified.

In accordance with Section 139 of the *Environmental Protection Act*, you may by written notice served upon me, the Ontario Land 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 ("the Notice") 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:

Registrar*			The Director appointed for the purposes of Part II.1 of the <i>Environmental Protection Act</i>	
Ontario Land Tribunal		The Minister of the Environment,	Ministry of the Environment, Conservation	
655 Bay Street, Suite 1500		Conservation and Parks	and Parks	
Toronto, Ontario	and	777 Bay Street, 5th Floor	and	135 St. Clair Avenue West, 1st Floor
M5G 1E5		Toronto, Ontario		Toronto, Ontario
OLT.Registrar@ontario.ca		M7A 2J3		M4V 1P5

**\* Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349 or 1 (866) 448-2248, or [www.olt.gov.on.ca](http://www.olt.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 17th day of November,  
2021

Neryed Ragbar, P.Eng.  
Director  
appointed for the purposes of Part  
II.1 of the *Environmental*

*Protection Act*

JL/

c: District Manager, MECP Barrie

Jaime Anderson, BCX Environmental Consulting