

**AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 7536-BTZ6EB

Issue Date: October 13, 2020

Gazzola Paving Limited  
529 Carlingview Drive  
Etobicoke, Ontario  
M9W 5H2

**Site Location:** Gazzola Paving Limited  
345 Attwell Drive  
Toronto City, 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:*

**Hot Mix Asphalt Plant**

one (1) permanent hot-mix asphalt plant, operating in either drum or batch mode, having the following maximum production rates:

1. drum mode: 400 tonnes per hour, 5,000 tonnes per day, and 330,000 tonnes per year;
2. batch mode: 260 tonnes per hour, 800 tonnes per day, and 20,000 tonnes per year;

and consisting of the following equipment and emission sources:

- one (1) dryer/mixer capable of operating in drum mode or batch mode, equipped with mixing tower and a natural gas fired burner, having a maximum heat input of 158.2 million kilojoules per hour, with particulate emissions controlled by one (1) baghouse dust collector system, equipped with filtering bags and pulse jet cleaning mechanism, discharging into the air at a volumetric flow rate of 37.8 actual cubic metres per second at an approximate temperature of 115 degrees Celsius, through a stack, having an exit diameter of 1.0 metre, extending 14.3 metres above grade;
- three (3) liquid asphalt cement storage tanks, each tank having a maximum capacity of 160 tonnes, operating at the maximum temperature of 175 degrees Celsius, equipped with one (1) natural gas fired hot oil heater, having a maximum heat input of 1,055,000 kilojoules per hour, discharging into the air through a stack, having an exit diameter of 0.3 metre, extending 4.0 metres above grade;
- eight (8) hot-mix asphalt storage silos, each having a storage capacity of 180

tonnes;

- one (1) fines dust silo having a storage capacity of 100 tonnes, equipped with a dust collector, discharging into the air passively through a vent, extending 12.0 metres above grade;
- fugitive emissions resulting from the delivery, storage, and transfer of materials associated with hot mix asphalt operations.

### **Screening Plant**

one (1) reclaimed asphalt paving (RAP) screening plant having a maximum processing rate of 500 tonnes per day, consisting of the following equipment and emission sources:

- screening;
- conveying;
- fugitive emissions resulting from the storage, and transfer of materials associated with the screening operations.

### **Aggregate Depot**

- one (1) aggregate depot having a maximum combined delivery/shipping rate of 6,000 tonnes per day of aggregate material, consisting of the following equipment and emission sources;
- fugitive emissions resulting from the delivery, storage and transfer of material associated with aggregate depot operations.

### **Crushing Plant**

one (1) third-party portable crushing plant, brought to the site on as-needed basis, used to crush recycled asphalt pavement (RAP) or recycled concrete (RC), having a maximum processing rate of 5,000 tonnes per day, consisting of the following equipment and emission sources:

- crushing and screening;
- conveying;
- diesel fired engine(s) having a total combined maximum output capacity of 750 kilowatts;
- fugitive emissions resulting from the delivery, storage, and transfer of raw materials associated with crushing operations.

all in accordance with the application for an Environmental Compliance Approval (Air & Noise) submitted by Gazzola Paving Limited, dated October 21, 2019, and signed by William Orpin, Project Manager; Emission Summary and Dispersion Modeling Report prepared by BCX Environmental Consulting, dated October, 2019; 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 supporting documentation listed above;
2. "*Best Management Practices Plan*" means a document or a set of documents which describe measures to minimize dust emissions from the *Facility* and/or *Equipment*;
3. "*Company*" means Gazzola Paving Limited that is responsible for the construction or operation of the *Facility* and includes any successors and assigns in accordance with section 19 of the *EPA*;
4. "*Director*" means a person 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*, 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 referred to herein, 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 provides written instructions to staff of the *Company*;
10. "*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;
11. "*Publication NPC-233*" means the *Ministry* Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October, 1995, as amended; and
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. NOISE PERFORMANCE

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

### 2. OPERATION AND MAINTENANCE

1. The *Company* shall ensure that the *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 *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. the frequency of inspection and replacement of the filter material in the *Equipment*;
    - v. all appropriate measures to minimize dust and odorous emissions from all potential sources; and
    - vi. procedures for recording and responding to environmental complaints relating to operation of the *Facility*;
  - b. implement the recommendations of the *Manual*.

### 3. FUGITIVE DUST CONTROL

1. The *Company* shall prepare, not later than three (3) months after the date of this *Approval*, and update, as necessary, a *Best Management Practices Plan* for the control of fugitive dust emissions. This *Best Management Practices Plan* shall include, but not be limited to:

- a. identification of the main sources of fugitive dust emissions such as:
    - i. on-site traffic;
    - ii. paved roads/areas;
    - iii. unpaved roads/areas;
    - iv. material stock piles;
    - v. loading/unloading areas and loading/unloading techniques;
    - vi. material spills;
    - vii. material conveyance systems;
    - viii. exposed openings in process and storage buildings; and
    - ix. general work areas.
  - b. potential causes for high dust emissions and opacity resulting from these sources;
  - c. preventative and control measures in place or under development to minimize the likelihood of high dust emissions and opacity from the sources of fugitive dust emissions identified above. Details of the preventative and control measures shall include:
    - i. a description of the control equipment to be installed;
    - ii. a description of the preventative procedures to be implemented; and/or
    - iii. the frequency of occurrence of periodic preventative activities, including material application rates, as applicable.
  - d. an implementation schedule for the *Best Management Practices Plan*, including training of *Facility* personnel;
  - e. inspection and maintenance procedures and monitoring initiatives to ensure effective implementation of the preventative and control measures; and
  - f. a list of all *Ministry* comments received, if any, on the development of the *Best Management Practices Plan*, and a description of how each *Ministry* comment was addressed in the *Best Management Practices Plan*.
2. The *Company* shall implement the *Best Management Practices Plan* for the control of fugitive dust emissions to provide effective dust suppression measures to any potential sources of fugitive dust emissions resulting from the operation of the *Facility*.

#### 4. DOCUMENTATION REQUIREMENTS

1. The *Company* shall record, in a log book, each time a specific preventative and control measure described in the *Best Management Practices Plan* is implemented. The *Company* shall record, as a minimum:
  - a. the date when each emission control measure is installed, including a description of the control measure;
  - b. the date when each new preventative measure or operating procedure to minimize emissions is implemented, including a description of the preventative measure or operating procedure; and
  - c. the date, time of commencement, and time of completion of each periodic activity conducted to minimize emissions, including a description of the preventative measure/procedure and the name of the individual performing the periodic activity.

#### 5. 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. the log book which contains all records on the preventative and control measures implemented for each source of fugitive dust emission identified in the *Best Management Practices Plan*;
  - c. all records on the environmental complaints; including:
    - i. a description, time, date and location of each incident;
    - ii. wind direction and other weather conditions at the time of the incident;
    - iii. the name(s) of *Company* personnel responsible for handling the incident;
    - iv. the cause of the incident;
    - v. the *Company* response to the incident; and
    - vi. 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.

#### 6. 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.

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

1. Condition No. 1 is included to provide the minimum performance requirements considered necessary to prevent an adverse effect resulting from the operation of the *Facility/Equipment*.
2. Conditions No. 2 and 3 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*.
3. Conditions No. 4 and 5 are 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.
4. Condition No. 6 is included to require the *Company* to notify staff of the *Ministry* so that compliance with the *EPA*, the Regulations and this *Approval* can be verified.

**Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 8-3350-98-006 issued on October 21, 1998.**

*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.

*Pursuant to subsection 139(3) of the Environmental Protection Act, a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.*

*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
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**\* 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](http://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 13th day of  
October, 2020

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



JL/

c: District Manager, MECP Toronto - District  
Roxana Ungureanu, BCX Environmental Consulting