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Ministry of the Environment, Conservation and Parks  
Ministère de l'Environnement, de la Protection de la nature et des Parcs

**ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 2197-BMMJUM

Issue Date: April 22, 2020

Lafarge Canada Inc.  
6509 Airport Road  
Mississauga, Ontario  
L4V 1S7

**Site Location:** Lafarge Slag (Hamilton)  
95 Hobson Road  
Hamilton City  
L8H 0A4

*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) light weight slag processing plant, operating at a maximum throughput rate of 3,960 tonnes per day, and consisting of the following sources:

- Two (2) primary crushers and one (1) secondary crusher;
- One (1) primary screener and two (2) secondary screeners;

One (1) permanent screener, operating at a maximum throughput rate of 1,600 tonnes per day, and consisting of the following sources:

- One (1) screening unit;

One (1) portable screener, operating at a maximum throughput rate of 1,600 tonnes per day, and consisting of the following sources:

- One (1) screening unit, powered by a diesel engine rated at 82 kW (109 hp);

One (1) crushing train, operating at a maximum throughput rate of 1,700 tonnes per day, and consisting of the following sources:

- One (1) crushing unit, powered by a diesel engine rated at 242 kW (325 hp);
- One (1) screening unit, powered by a diesel engine rated at 83 kW (111.3 hp);
- One (1) crushing unit, powered by a diesel engine rated at 172 kW (230 hp);

One (1) slag depot operation with a maximum receiving rate of 1,000 tonnes per day by truck, and a maximum shipping rate of 27,000 tonnes per day by barge; and

Fugitive emissions from the delivery, storage and transfer of slag materials associated with the light weight slag processing plant, the permanent screener, the portable screener, the portable crushing train and the slag depot operations.

All in accordance with the Environmental Compliance Approval Application submitted by Lafarge Canada Inc., dated June 12, 2019 and signed by Jack Dugas, Operations Manager, the Emission Summary and Dispersion Modelling Report dated June 19, 2019, prepared by BCX Environmental Consulting and signed by Neil Chan, and all other supporting information and documentation submitted in support of 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 the document titled "Best Management Practices Plan for the Control of Fugitive Dust Emissions - Pier 22 Lightweight Slag Processing Plant & Aggregate Depot", dated March 1, 2012 and prepared by Lafarge Canada Inc.;
3. "*Company*" means Lafarge Canada Inc., that is responsible for the construction or operation of the *Facility* and includes any successors and assigns;
4. "*District Manager*" means the District Manager of the appropriate local district office of the *Ministry*, where the *Facility* is geographically located;
5. "*EPA*" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended ;
6. "*Equipment*" means the equipment or 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*;
7. "*Facility*" means the entire operation located on the property where the *Equipment* is located;
8. "*Manual*" means a document or a set of documents that provide 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. "*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, 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*; and
    - iv. all appropriate measures to minimize noise and odorous emissions from all potential sources;
  - b. implement the recommendations of the *Manual*.

### 2. 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.

### 3. 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.

### 4. 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*.

### 5. 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*.

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

1. Condition No. 1 is 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. 2 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. 3 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. 4 is included to provide the minimum performance requirements considered necessary to prevent an adverse effect resulting from the operation of the *Facility*.
5. Condition No. 5 is 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*.

*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](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 22nd day of April, 2020

Rudolf Wan, P.Eng.  
Director  
appointed for the purposes of Part

II.1 of the *Environmental  
Protection Act*

MS/

c: District Manager, MECP Hamilton District  
Neil Chan, BCX Environmental Consulting