

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 3850-CU4RWA
Issue Date: October 31, 2023

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

Site Location: Osgoode Quarry
1640 Sale Barn Road
Ottawa City

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) crushing plant serving the Osgoode Quarry, having a maximum processing and shipping rate of 10,500 tonnes per day of processed aggregate, including the following sources discharging to the air:
 - four (4) crushers (Crushers C1, C2, C3 and C4);
 - three (3) screeners (Screener S1, S2, and S3);
 - one (1) diesel fired generator rated at 300 kW, serving the primary crusher (C1), discharging to the air at a maximum volumetric flow rate of 1.16 cubic metres per second, through a stack having an exit diameter of 0.15 metre, and extending 4.0 metres above grade;
 - one (1) diesel fired generator rated at 1,825 kW, serving the crushing operations, discharging to the air at a maximum volumetric flow rate of 7.46 cubic metres per second, through a stack having an exit diameter of 0.25 metre, and extending 4.3 metres above grade;
 - fugitive emissions resulting from the handling, transfer, crushing, screening, and shipping of materials associated with crushing operations.

all in accordance with the Application for an Approval (Air & Noise) dated December 20, 2019 and signed by Blair Walker - Environment Manager, the ESDM Report dated December 20, 2019 prepared by BCX Environmental Consulting and signed by Neil Chan; additional information dated January 27, 2021 prepared by BCX Environmental Consulting and signed by Neil Chan; the Acoustic Assessment Report dated December 20,

2019 prepared and signed by Swetha Kulandaivelan of HGC Engineering, and the revised Acoustic Assessment Summary Table prepared by Swetha Kulandaivelan of HGC Engineering received via e-mail on January 22, 2020.

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

1. "Acoustic Assessment Report" means the report, prepared in accordance with Publication NPC-233 and dated December 20, 2019 prepared and signed by Swetha Kulandaivelan of HGC Engineering submitted in support of the application that documents all sources of noise emissions and Noise Control Measures.
2. "Acoustic Barrier" means the berm as described in Section 6.2 and Figure 4 of the Acoustic Assessment Report.
3. "Approval" means this Environmental Compliance Approval, including the application and supporting documentation listed above;
4. "Best Management Practices Plan" means the document titled "Best Management Practices Plan for the Control of Fugitive Dust Emissions - Osgoode Quarry", dated January 25, 2021 and prepared by Lafarge Canada Inc.;
5. "Company" means Lafarge Canada Inc. 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;
6. "District Manager" means the District Manager of the appropriate local district office of the Ministry, where the Facility is geographically located;
7. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19;
8. "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;
9. "Facility" means the entire operation located on the property where the Equipment is located;
10. "Manual" means a document or a set of documents that provide written instructions to staff of the Company;
11. "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;
12. "Noise Control Measures" means measures to reduce the noise emissions from the Facility and/or Equipment including, but not limited to, silencers, acoustic louvres, enclosures, absorptive treatment, plenums and barriers. It also means the Acoustic Barrier.

13. "Publication NPC-233" means Ministry Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound" , October 1995.
14. "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;
 - iv. all appropriate measures to minimize noise and dust emissions from all potential sources; and
 - v. the frequency of inspection and replacement of the water spray system serving 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.
2. The Company shall ensure that the Acoustic Barrier is implemented prior to operations at the Facility.
3. The Acoustic Barrier is to be continuous without holes gaps and other penetrations having a surface mass of at least twenty (20) kilograms per square metre, is at least five (5) metres high, is of a minimum length of two-hundred (200) metres and is positioned no more than one-hundred (100) metres away from the centre of the crushing equipment.
4. The Company shall ensure that the Noise Control Measures are properly maintained and continue to provide the acoustical performance outlined in the Acoustic Assessment Report.
5. The Company shall restrict operations to the daytime hours of 7:00 am to 7:00 pm

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

1. Condition Nos. 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 requirements considered necessary to prevent an adverse effect resulting from the operation of the Facility.

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*
Ontario Land Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5
OLT.Registrar@ontario.ca

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

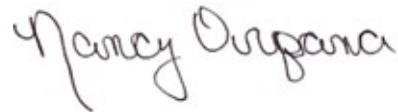
*** Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349 or 1 (866) 448-2248, or www.olt.gov.on.ca**

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 31st day of October, 2023



Nancy E Orpana, P.Eng.
Director
appointed for the purposes of Part II.1 of the
Environmental Protection Act

AB/

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