

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 9610-D64V98
Issue Date: October 23, 2024

St. Marys Cement Inc. (Canada) operating as CBM Aggregates
55 Industrial St
Toronto, Ontario
M4G 3W9

Site Location: 585 Water Street South
St. Marys Separated Town, County of Perth
N4X 1B6

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:

A high calcium dried limestone manufacturing process with a maximum production rate of 420 tonnes per day, consisting of the following processes and support units discharging to the air:

- one (1) aggregate dryer, equipped with one (1) natural gas fired burner, having a maximum heat input rating of 20,046,064 kilojoules per hour, with particulate emissions controlled by one (1) baghouse dust collector, complete with 56.07 square meters of polyester filter material and a pulse-air cleaning system, discharging to the air at a maximum volumetric flow rate of 29.03 cubic meters per second, through a stack having an exit diameter of 1.32 metres and extending 7.6 metres above grade;
- one (1) bin dust filtration system, to control emissions from one (1) storage silo (CBM Silo #4), complete with polyester filter material having a filtering area of 9.29 square meters and a pulse-jet type cleaning system, discharging to the air at a maximum volumetric flow rate of 0.15 cubic metre per second through a stacking having an exit diameter of 0.46 metre, extending 20 metres above grade;
- one (1) baghouse dust collector used to control emissions from the product storage tent having 430.3 square meters of polyester filter bags and a pulse-jet cleaning system, discharging to the air at a maximum volumetric flow rate of 18.88 cubic metres per second through a stack having an exit diameter of 3.55 metres, extending 9.87 metres above grade;

- one (1) screen housed inside the dryer building; and
- fugitive emissions from the delivery, storage and transfer of materials associated with the high calcium dried limestone manufacturing process;

all in accordance with the application for Approval submitted by St. Marys Cement Inc. (Canada), dated November 28, 2023 and signed by Colin Evans - Senior Manager, Lands and Environment; the supporting information, including the updated joint Emission Summary and Dispersion Modelling Report submitted by BCX Environmental Consulting, dated November 27, 2023 and signed by Xiaoxi (Winnie) Song, and the Acoustic Assessment Report dated August 30, 2023 and signed by Petr Chocensky of HGC Engineering.

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 submitted in support of the application, that documents all sources of noise emissions and Noise Control Measures present at the Facility. It also means the Acoustic Assessment Report prepared by Petr Chocensky of HGC Engineering dated August 30, 2023;
2. "Acoustic Barrier" means a barrier or berm positioned such that it completely interrupts the line of sight between the Equipment and the noise sensitive Points of Reception, is continuous without holes, gaps and other penetrations, and having a surface mass of at least 20 kilograms per square metre;
3. "Approval" means this Environmental Compliance Approval, including the application and supporting documentation listed above;
4. "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;
5. "Company" means St. Marys Cement Inc. (Canada) operating as CBM Aggregates 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. "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;
7. "District Manager" means the District Manager of the appropriate local district office of the Ministry, where the Facility is geographically located;
8. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19;
9. "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;

10. "Facility" means the entire operation located on the property where the Equipment is located;
11. "Manual" means a document or a set of documents that provide written instructions to staff of the Company;
12. "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;
13. "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 Noise Control Measures identified in the Acoustic Assessment Report;
14. "Property" means the single property jointly occupied by St. Marys Cement Inc. (Canada) cement manufacturing facility, the high calcium dried limestone manufacturing facility operated by Canada Building Materials Co., and the dual-fuel fired truck heating system operated by Laidlaw Carriers Bulk, as described in the Company's application, this Approval and in the supporting documentation submitted with the application, to the extent approved by this Approval;
15. "Publication NPC-233" means Ministry Publication NPC-233 "Information to be Submitted for Approval of Stationary Sources of Sound" , October 1995;
16. "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; and
17. "Technical Bulletin: Management Approaches for Industrial Fugitive Dust Sources" means the Ministry publication "Technical Bulletin: management approaches for industrial fugitive dust sources", March 8, 2017, 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. frequency of inspections and scheduled preventative maintenance for Equipment including but not limited to the dust control equipment;
 - ii. procedures to minimize all fugitive emissions;
 - iii. procedures to prevent and/or minimize odorous emissions;
 - iv. procedures to prevent and/or minimize noise emissions;
 - v. acceptable ranges of the static pressure drop and other operational parameters for the process dust control equipment ;
 - vi. program to periodically monitor and record the the pressure differential across each baghouse dust collector including procedures to investigate and correct the cause of any anomalous measurements;
 - vii. list of management and supervisory personnel responsible for the operation and maintenance of process dust control equipment; and
 - viii. procedures for record keeping activities relating to the operation and maintenance programs.
2. The Company shall maintain and update to keep current, a list of all process dust control equipment, including the following details:
 - a. Source identification; Production building/area served; Process/location served; Stack gas flow rate; Filter area (as applicable); Stack diameter and Stack height above grade.
 3. The Company shall ensure that the Equipment are operated and maintained in accordance with this Approval, the operating procedures and maintenance programs.

2. FUGITIVE DUST CONTROL

1. The Company shall develop in consultation with the District Manager, an updated Best Management Practices Plan for the control of fugitive dust emissions. This Best Management Practices Plan shall:
 - a. at minimum, be prepared in accordance with Ministry Technical Bulletin: Management Approaches for Industrial Fugitive Dust Sources; and
 - b. include 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 submit the Best Management Practices Plan to the District Manager not later than three (3) months after the date of this Approval or as otherwise indicated by the District

Manager.

3. Upon acceptance of the Best Management Practices Plan by the District Manager, the Company shall immediately 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. The Company shall record, either electronically or 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 implemented, 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. 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 five (5) 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 made by the public as required by Condition 4 of this Approval; and,
 - c. all records related to the preventative and control measures implemented as specified under the section titled "Fugitive Dust Control" of this Approval.

4. NOTIFICATION OF COMPLAINTS

1. If at any time, the Company receives an environmental complaint from the public regarding the operation of the Equipment approved by this Approval, the Company shall take the following steps:

- a. Record and number each complaint, either electronically or in a log book. The record shall include the following information: the time and the date that the complaint is received, the nature of the complaint, incident to which the complaint relates if known, wind direction at the time of the complaint, wind direction at the time of the incident related to the complaint if known and, the name, telephone number and the address of the complainant if known.
- b. Notify the District Manager of the complaint within two (2) business days, not including weekends and statutory holidays, after the complaint is received, or in a manner acceptable to the District Manager.
- c. Initiate appropriate steps to determine all possible causes of the complaint, attributable to the operations of the Facility and take the necessary actions to appropriately deal with the cause of the subject matter of the complaint.
- d. Complete and retain on-site a report written within one (1) week of the complaint date. The report shall list the actions taken to appropriately deal with the cause of the complaint attributable to the operations of the Facility, and set out steps to be taken to avoid the recurrence of similar incidents.

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 conduct all on site operations in accordance with Table 1 of the Acoustic Assessment Report.
3. The Company shall ensure that the Acoustic Barrier is fully erected prior to operating the equipment outside of the daytime hours of 7:00 a.m. to 7:00 p.m.
4. The Company shall ensure that the Acoustic Barrier is a minimum nine (9) metres high, a minimum thirty-seven (37) metres long and is continuous without holes, gaps or other penetrations, having a surface mass density of at least 20 kilograms per square metre, and will be positioned as depicted in Figure 4 of the Acoustic Assessment Report.
5. The Company shall ensure that the Acoustic Barrier is properly maintained and continues to provide the acoustical performance outlined in the Acoustic Assessment Report.

6. CHANGE OF OWNERSHIP

1. The Company shall notify the Director in writing, and forward a copy of the notification to the District Manager, within thirty (30) days of the occurrence of any of the following changes to Facility operations:
 - a. the ownership of the Facility;

- b. the operator of the Facility;
 - c. the address of the Company;
 - d. the partners, where the Company is or 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, shall be included in the notification; or
 - e. the name of the corporation where the Company is or at any time becomes a corporation, other than a municipal corporation, and a copy of the most current information filed under the Corporations Information Act, R.S.O. 1990, c. C.39, shall be included in the notification.
2. In the event of any change in ownership of the Facility, the Company shall notify the successor of the existence of this Approval and provide the successor with a copy of this Approval, and the Company shall provide a copy of the notification to the District Manager and the Director.

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.
5. Condition No. 6 is 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.

**Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s).
8517-AQCJUK issued on August 31, 2017**

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.

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:

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

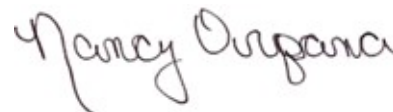
The Director appointed for the purposes of Part II.1 of the *Environmental Protection Act*
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

*** 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 23rd day of October, 2024



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

AB/

c: District Manager, MECP London - District
Xiaoxi, Song