

**ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 4559-C5ELCS  
Issue Date: March 18, 2024

Brantco Holdings Limited  
1555 Bishop St, No. 1  
Cambridge, Ontario  
N1R 7J4

Site Location: Mobile Facility  
Cambridge City, Regional Municipality of Waterloo

*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) portable crushing plant having a maximum throughput rate of 200 tonnes per hour, including the following processes and associated equipment exhausting into the air:

- one (1) crushing unit, equipped with water spray bars at the inlet and outlet of the unit and powered by a Tier 3 diesel fired engine rated 242 kilowatts, discharging to the air through a stack having an exit diameter of 0.12 metre and a height of 2.0 metres above grade;
- one (1) screening unit, equipped with water spray bars at the inlet and outlet of the unit and powered by a Tier 3 diesel fired engine rated 82 kilowatts, discharging to the air through a stack having an exit diameter of 0.10 metre and a height of 2.0 metres above grade;
- one (1) 100-foot stacker, powered by a Tier 3 diesel fired engine rated 67 kilowatts, discharging to the air through a stack having an exit diameter of 0.10 metre and a height of 2.0 metres above grade;
- one (1) 80-foot stacker, powered by a Tier 3 diesel fired engine rated 52 kilowatts, discharging to the air through a stack having an exit diameter of 0.15 metre and a height of 2.5 metres above grade;
- one (1) 65-foot stacker, powered by a Tier 3 diesel fired engine rated 44 kilowatts, discharging to the air through a stack having an exit diameter of 0.10 metre and a height of 2.0 metres above grade; and
- fugitive emissions from the handling, temporary storage and transfer of aggregate materials associated with the portable crushing operations;

all in accordance with the Environmental Compliance Approval Application dated August 13, 2020 and signed by Joseph Graci, Brantco Holdings Limited, and all supporting information associated with the application including Emission Summary and Dispersion Modelling Report provided by RWDI AIR Inc., dated August 25, 2020 and signed by Brad Bergeron, emails dated May 5, 19 and 30, 2023 and signed by Brian Sulley, BEST MANAGEMENT PRACTICES PLAN FOR DUST attached to email dated July 26, 2023 and signed by Brian Sulley, the letter (Operations Summary) dated January 23, 2024 and signed by Chris Isley.

*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 Plant. "Acoustic Assessment Report" also means the Acoustic Assessment Report prepared by RWDI AIR Inc., dated August 27, 2020 and signed by Brad Bergeron;
2. "Acoustic Barrier" means a barrier or berm positioned such that it completely interrupts the line of sight between the Plant and the noise sensitive Points of Reception continuous without holes, gaps and other penetrations, and having surface density of at least 20 kilograms per square metres;
3. "Approval" means this Environmental Compliance Approval, including the application and all supporting documentation;
4. "Best Management Practices Plan" or BMPP means the document titled "BEST MANAGEMENT PRACTICES PLAN FOR DUST" , attached to email dated July 26, 2023 and signed by Brian Sulley;
5. "Class 1 Area" means an area with an acoustical environment typical of a major population centre, where the background sound level is dominated by the activities of people, usually road traffic, often referred to as "urban hum";
6. "Class 2 Area" means an area with an acoustical environment that has qualities representative of both Class 1 and Class 3 areas:
  - a. sound levels characteristic of Class 1 during daytime (07:00 to 19:00 or to 23:00 hours); and
  - b. low evening and night background sound level defined by natural environment and infrequent human activity starting as early as 19:00 hours (19:00 or 23:00 to 07:00 hours);
7. "Class 3 Area" means a rural area with an acoustical environment that is dominated by natural sounds having little or no road traffic, such as:
  - a. a small community;
  - b. agricultural area;
  - c. a rural recreational area such as a cottage or a resort area; or

- d. a wilderness area;
8. "Company" means Brantco Holdings Limited that is responsible for the construction or operation of the Plant and includes any successors and assigns;
  9. "Director" means any Ministry employee appointed by the Minister pursuant to Section 5 of the EPA;
  10. "District Manager" means the District Manager of the appropriate local district office of the Ministry, at the geographic location where the Plant is operated;
  11. "EPA" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended;
  12. "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;
  13. "ESDM Report" means the Emission Summary and Dispersion Modelling Report which was prepared in accordance with section 26 of O. Reg. 419/05 and the Procedure Document by RWDI AIR Inc., dated August 25, 2020, submitted in support of the application, and includes any changes to the report made up to the date of issuance of this Approval;
  14. "Fugitive Dust" means any solid particulate matter that becomes airborne, other than that emitted from an exhaust stack, directly or indirectly as a result of the activities of any person;
  15. "Manual" means a document or a set of documents that provides written instructions to staff of the Company;
  16. "Method 22" means the United States Environmental Protection Agency document titled "Method 22 - Visual Determination of Fugitive Emissions from Material Sources and Smoke Emissions from Flares" dated January 14, 2019, as amended;
  17. "Minister" means the Minister of the Environment, Conservation and Parks or such other member of the Executive Council as may be assigned the administration of the EPA under the Executive Council Act;
  18. "Ministry" means the ministry of the Minister;
  19. "Noise Control Measures" means measures to reduce the noise emissions from the Plant and/or Equipment including, but not limited to, silencers, acoustic louvres, enclosures, absorptive treatment, plenums and barriers, described in the Company's application, and in the supporting documentation referred to herein, including the Acoustic Assessment Report, to the extent approved by this Approval;

20. "Operations Summary" means the letter from Brantco Holdings Limited dated January 23, 2024 and signed by Chris Isley and forms the part of this Approval;
21. "Plant" means the entire portable crushing operations, incorporating the Equipment;
22. "Point of Reception" means a Point of Reception as defined in Publication NPC-300;
23. "Publication NPC-233" means the Ministry Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October, 1995 as amended;
24. "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;
25. "Raw Materials" means unprocessed materials that are received by the Plant and fed to the crusher; and
26. "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. Location**

1. The Company shall ensure that the Plant is only operated in an area which is under the Ontario West Central Region Jurisdiction.

## **2. Time Restrictions**

1. The Company shall ensure that the Plant is not operated more than sixty (60) calendar days per year at any one site.

## **3. Noise Emissions**

1. The Company shall, at all times, ensure that the noise emissions from the Plant comply with the limits set out in Ministry Publication NPC-300.
2. The Company shall ensure a minimum separation distance between the boundary of the Plant and the nearest Point of Reception as specified in Schedule B.

## **4. Minimum Separation Distance(s)**

1. The Company shall ensure a minimum separation distance between the Plant and the nearest Point of Reception as specified in Schedule B.
2. The Company shall ensure a minimum separation distance between the Plant and the nearest Sensitive Receptor as specified in Schedule C.

## **5. Noise Control Measure**

1. The Company shall ensure that the Acoustic Barrier described in the Acoustic Assessment Report, when required, is implemented at all times during the operation of the Plant.
2. The Company shall ensure that the Acoustic Barrier, when required, is continuous, without holes, gaps or other penetrations, and having a surface density of at least 20 kilograms per square metre, and that it will be positioned in between the Plant and Points of Reception that require shielding, as specified in Schedule B of this Approval.
3. The Company shall ensure that the Acoustic Barrier, when required, is properly maintained and continues to provide the acoustical performance outlined in the Acoustic Assessment Report.

## **6. Operation and Maintenance**

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 determining the separation distances to the nearest Point of Reception and the nearest Sensitive Receptors;
    - iv. procedures for determining the type and region of Raw Materials;
    - v. all appropriate measures to minimize noise and dust emissions from all potential sources;
    - vi. all necessary procedures and undertaken measures to ensure compliance with Condition 7.3; and
    - vii. the frequency of inspection and maintenance of water spray bar systems controlling Fugitive Dust emissions from the Equipment; and
    - viii. procedures for any record keeping activities relating to operation and maintenance of the Plant/Equipment;
  - b. implement the recommendations of the Manual; and
  - c. retain, for a minimum of two (2) years from the date of their creation, all records on the maintenance, repair and inspection of the Equipment, and make these records available for review by staff of the Ministry upon request.
2. The Company shall ensure that:
- a. at any one time, only one of the 52-kilowatt or 67-kilowatt engine, approved by this Approval, is in operation; and
  - b. the only Raw Materials that are processed by the Equipment are limestone, mixed stone/gravel, granite or sand from central or south-west Ontario.

## **7. Fugitive Dust Control**

1. The Company shall implement the BMPP for the control of Fugitive Dust from any potential sources of Fugitive Dust emissions resulting from the operations of the Plant at each operating site.
2. The Company shall update the BMPP for each operating site as necessary or at the direction of the District Manager.
3. The Company shall retain on each operating site the latest version of the BMPP and shall provide it to any employee or agent of the Ministry upon request.
4. The Company shall ensure that visible Fugitive Dust emissions from activities where material is

dropped:

- a. will not extend more than 30 metres in any direction from the activities, excluding no more than 6 minutes in any hour; and
  - b. will not extend, at any time, beyond the separation distance as specified in Schedule C.
5. The Company shall determine visible Fugitive Dust emissions, referred to in Condition 7.4, using Method 22, at the closest practical observation location as described in Method 22.

## **8. 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.

## **9. 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.

## **10. 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 operation of the Plant/Equipment, including:
    - i. daily production rate;
    - ii. daily start-up and shut-down times of the Plant/Equipment;

- iii. the type and region of Raw Materials;
- c. all records of any upset conditions associated with the operation of the Plant/Equipment;
- d. 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.

## **11. 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.

## **12. 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 12.1.

### **13. 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**

### **Form 1: 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/Township:
  - b. Site information (complete as applicable):
    - i. Civic address:
    - ii. Lot/Concession:
    - iii. Geo Reference (UTM):
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 Schedules B and C 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 copy of the BMPP for the control of Fugitive Dust.
3. Documentation that confirms the type and region of Raw Materials to be processed.
4. 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 the minimum separation distances from the Equipment specified in Condition No. 4 of this Approval.

**SCHEDULE B**

**Minimum Required Separation Distances from Points of Reception**

<b>Location of Point of Reception</b>	<b>Time of Equipment Operation</b>	<b>Minimum Separation Distance</b>
Class 1 and Class 2 Areas (Urban)	between 7:00 am and 11:00 pm	730 metres
Class 1 and Class 2 Areas (Urban)	between 11:00 pm and 7:00 am	1,140 metres
Class 3 Areas (Rural)	between 7:00 am and 7:00 pm	1,140 metres
Class 3 Areas (Rural)	between 7:00 pm and 7:00 am	1,720 metres
Class 1 and Class 2 Areas (Urban) with 5.6 metres-tall acoustic barrier located no further than 15 metres from the Equipment	between 7:00 am and 11:00 pm	460 metres
Class 1 and Class 2 Areas (Urban) with 5.6 metres-tall acoustic barrier located no further than 15 metres from the Equipment	between 11:00 pm and 7:00 am	755 metres
Class 3 Areas (Urban) with 5.6 metres-tall acoustic barrier located no further than 15 metres from the Equipment	between 7:00 am and 7:00 pm	755 metres
Class 3 Areas (Urban) with 5.6 metres-tall acoustic barrier located no further than 15 metres from the Equipment	between 7:00 pm and 7:00 am	1,175 metres

## SCHEDULE C

### Minimum Required Separation Distances from Sensitive Receptors

Raw Material	Minimum Separation Distance (metres)
Limestone	200
Mixed Stone/Gravel	300
Granite	300
Sand	350

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

1. Conditions No. 1 to 9 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. 10 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. 11 to 13 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 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 18th day of March, 2024



---

Nancy E Orpana, P.Eng.

Director

appointed for the purposes of Part II.1 of the  
*Environmental Protection Act*

AA/

c: District Manager, MECP Guelph District Office  
Brad Bergeron, RWDI Air Inc.