

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 5404-D92JG5
Issue Date: April 14, 2025

Burnt River Properties, Inc.
2 Campbell Dr, No. 200
Uxbridge, Ontario
L9P 1H6

Site Location: Burnt River Quarry
2638 Kawartha Lakes County Rd 121
Kawartha Lakes City,
N8M 2X6

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 Limestone crushing facility having a maximum processing rate of 7,000 tonnes per day, including the following sources discharging to the air:

- two (2) crushers, controlled with water spray systems;
- three (3) screeners;
- nine (9) conveyors;
- one (1) diesel-fired generator rated at 455 kilowatts, with Tier 4 Emission Standards, discharging to the atmosphere at a maximum volumetric flow rate of 1.45 cubic metres per second, through a stack having a diameter of 0.15, and extending 5.0 metres above grade;
- one (1) diesel fired generator rated at 500 kilowatts, with Tier 3 Emission Standards, discharging to the atmosphere through a stack, and located below grade in a pit;
- one (1) diesel-fired generator rated at 810 kilowatts, with Tier 2 Emission Standards, discharging to the atmosphere at a maximum volumetric flow rate of 4.5 cubic metres per second, through a stack having a diameter of 0.2 metre, and extending 4.8 metres above grade;
- fugitive emissions resulting from the handling, storage, crushing, and screening of materials associated with the crushing operations.

all in accordance with the Application for an Approval (Air & Noise) dated June 04, 2024 and signed by Jeremy Lee, General Manager; the Operations Summary Letter dated September 11, 2024 and signed by Jeremy Lee, General Manager; the ESDM Report dated June 04, 2024 and signed by Neil Chan, BCX Environmental Consulting; additional information dated August 28, 2024 prepared by BCX Environmental Consulting and signed by Peter Piersol; the Acoustic Assessment Report dated September 27, 2024 prepared by Aercoustics Engineering Limited and signed by Kohl Clark;.

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 Appendix A of the Basic Comprehensive User Guide, prepared by Hillary Fung and Kohl Clark / Aercoustics Engineering Limited and dated September 27, 2024, submitted in support of the application, that documents all sources of noise emissions and Noise Control Measures present at the Facility;
2. "Acoustic Assessment Summary Table" means a table prepared in accordance with the Basic Comprehensive User Guide summarising the results 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 - Limestone Crushing Facility", dated September 2024 and prepared by Burnt River Properties Inc., as amended;
5. "Company" means **Burnt River Properties 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. "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. "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;
13. "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;
14. "Noise Abatement Action Plan" means the noise abatement program developed by the Company, submitted to the Director and District Manager and approved by the Director, designed to achieve compliance with the sound level limits set in Publications NPC-300;
15. "Noise Control Measures" means measures to reduce the noise emissions from the Facility and/or Equipment including, but not limited to, silencers, acoustic louvers, enclosures, absorptive treatment, plenums and barriers. It also means the Noise Control Measures, as outlined in the Acoustic Assessment Report and detailed in Schedule A of this Approval;
16. "Publication NPC-233" means the Ministry Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October, 1995, as amended;
17. "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;
18. "Truck(s)" means aggregate facility truck(s) and highway shipping truck(s).

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 sprayer system in 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.
2. The Company shall update the Best Management Practices Plan as necessary or at the direction of the District Manager.
3. The Company shall retain on-site the latest version of the Best Management Practices Plan and shall provide it to any employee or agent of the Ministry upon request.

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:
 - a. implement the physical Noise Control Measures as outlined in Schedule A of this Approval;
 - b. implement the administrative Noise Control Measures as outlined in Schedule A of this Approval upon issuance of this Approval;
 - c. ensure that the facility operate in accordance with the Acoustic Assessment Report and Schedule A of this Approval;
 - d. ensure that any and all Trucks arrive at and depart from the Facility in accordance with Schedule A of this Approval;
 - e. comply with the limits set out in Publication NPC-300, following the implementation of the Noise Control Measures; and
 - f. ensure that all Noise Control Measures, are properly maintained and continue 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.

SCHEDULE A

Noise Control Measures:

Completion upon issuance of this Approval:

Physical Noise Control:

Prior to extraction, an acoustic barrier with a minimum top of berm height of 288 MASL shall be installed along the north boundary of the screening plant area, extending along the top edge of the bluff, southeast of receptor R06 as shown on Figure 2 of the Acoustic Assessment Report. This barrier shall extend a length of approximately 180 m and shall remain in place for the duration of the quarry operations.

Completion upon issuance of this Approval:

Physical Noise Control:

The primary crushing plant and primary generator shall remain at the location in the breach of the escarpment as shown on Figure 2 of the Acoustic Assessment Report at a maximum elevation of 287 MASL. An acoustical barrier shall be situated between the processing plant and receptor R05 at a height of 291 MASL and at a maximum distance of 50 metres. This barrier may take the form of intervening topography, as shown on Figure 2 of the Acoustic Assessment Report and shall remain in place for the duration of the quarry operations.

Completion upon issuance of this Approval:

Physical Noise Control:

Screen generators shall be oriented such that intake and exhaust openings are at least 60-degrees off-axis from receptor R05.

Completion upon issuance of this Approval:

Physical Noise Control:

The primary generator shall be oriented such that the intake and exhaust openings are at least 30-degrees off-axis from Receptor R05.

Completion four (4) months after issuance of this Approval:

Physical Noise Control:

Barrier #1: One(1) 68 metres long, 7.0 metres high acoustic barrier, setback within 40 metres of the north-western most screener in the direction of receptor R03, R04, R05, positioned as per Figure 2 of the Acoustic Assessment Report, continuous without any holes, gaps and other penetrations, and having a surface mass of at least 20 kilograms per square metre.

Completion twelve(12) months after issuance of this Approval:**Physical Noise Control**

The hopper associated with the first stage of screening (initial screener) shall be equipped with a rubberized deflector to prevent aggregate material from falling from the conveyor into direct contact with metal surfaces inside the hopper, achieving a maximum sound pressure level of 76 dBA at 30 metres.

Completion twelve(12) months after issuance of this Approval:**Physical Noise Control**

The combustion exhaust of the primary generator plant shall be equipped with a silencer with the following minimum insertion loss:

Octave Band Centre Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Minimum Insertion Loss (dB)	22	30	35	32	28	25	23	20

Completion upon issuance of this Approval.**Administrative Noise Controls**

Time Period	Administrative Controls
Monday to Friday Daytime 07:00 to 19:00	Extraction and processing is permitted.
Monday to Friday Evening and Night-time 19:00 to 07:00	Extraction and processing is not permitted.
Saturday and Sunday any hour	Extraction and processing is not permitted.
Monday to Friday Daytime 07:00 to 19:00	Maximum forty(40) Highway Shipping Truck arrivals and forty(40) Highway Shipping Truck departures per sixty minute time period.
Monday to Friday Daytime 07:00 to 19:00	Maximum twenty(20) Aggregate Facility Truck trips per sixty minute time period.
Night-time 06:00 to 07:00	Maximum ten(10) Highway Shipping Truck arrivals and ten(10) Highway Shipping Truck departures per sixty minute time period.
one Saturday every two months Daytime 07:00 to 19:00	Maximum forty(40) Highway Shipping Truck arrivals and forty(40) Highway Shipping Truck departures per sixty minute time period.

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

1. Condition number 1 and 2 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 number 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 number 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 number 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 number 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.

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

and

The Minister of the Environment,
Conservation and Parks
777 Bay Street, 5th Floor
Toronto, Ontario
M7A 2J3

and

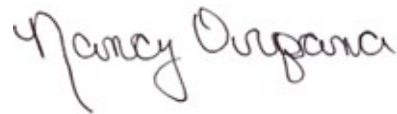
The Director appointed for the purposes of
Part II.1 of the *Environmental Protection Act*
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario

* **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 14th day of April, 2025



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

VA/

c: District Manager, MECP Peterborough
Peter Piersol, BCX Environmental Consulting