

**AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 9556-C9FMAG  
Issue Date: January 7, 2022

Townsend Lumber Inc.  
1300 Jackson Sideroad  
Tillsonburg, Ontario  
N4G 4G7

Site Location: 1250 Jackson Sideroad  
Lot 15 & 16, Concession 2  
Tillsonburg Town, County of Oxford

*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) hardwood lumber production facility having debarking, cutting, planing, sanding, moulding and drying operations, and consisting of the following emission sources:

- ten (10) kiln systems, heated by three (3) industrial boilers, four (4) direct fired furnaces and two (2) water heaters, all fired by natural gas, with each discharging into the air through independent stacks as follows:

Dry Shed No. 1:

- two (2) boilers each having a maximum heat input of 4,220,000 kilojoules per hour; and
- one (1) direct fired furnace having a maximum heat input of 2,110,000 kilojoules per hour;

Dry Shed No. 4:

- three (3) direct fired furnaces having a total aggregate maximum heat input of 6,330,000 kilojoules per hour; and
- one (1) water heater having a maximum heat input of 475,000 kilojoules per hour;

#### Dry Shed No. 5:

- one (1) boiler having a maximum heat input of 4,220,000 kilojoules per hour; and
- one (1) water heater having a maximum heat input of 475,000 kilojoules per hour;
- one (1) mobile tub grinder and one (1) mobile screener to grind waste wood material at any one of three locations at the site as per the supporting documentation, having a maximum processing rate of 75 tonnes per hour, including a diesel fuel fired engine (CAT 463 HP Electronic Tier II) rated at 345 kilowatts, discharging to the air at a maximum volumetric flow rate of 0.25 cubic metre per second through a stack having an exit diameter of 0.3 metre, and extending 3.05 metres above grade;
- one (1) Motorized Equipment Repair Shop;
- fugitive emissions resulting from the receiving, delivery, storage, and transfer of materials associated with lumber producing operations;

#### East Mill Operations:

- one (1) exhaust system serving Cyclone No. 1, used to control suspended particulate emissions from Planing Mill Line 1, discharging to the air at a maximum volumetric flow rate of 2.31 cubic metres per second through a stack (ID: T4) having an exit diameter of 0.74 metre, and extending 9.83 metres above the roof and 15.32 metres above grade;
- one (1) exhaust system serving Cyclone No. 2, used to control suspended particulate emissions from Planing Mill Line 2, discharging to the air at a maximum volumetric flow rate of 7.0 cubic metres per second through a stack (ID: T5) having an exit diameter of 1.22 metre, and extending 9.83 metres above the roof and 15.32 metres above grade;
- one (1) exhaust system serving Cyclone No. 1, used to control suspended particulate emissions from the East Saw Mill, discharging to the air at a maximum volumetric flow rate of 1.9 cubic metres per second through a stack (ID: T6) having exit dimensions of 0.2 metre × 0.2 metre, and extending 7.92 metres above grade;
- one (1) exhaust system serving Cyclone No. 2, used to control suspended particulate emissions from the East Saw Mill, discharging to the air;

#### West Mill Operations

- one (1) exhaust system serving Cyclone No. 1, used to control suspended particulate emissions from the West Saw Mill, discharging to the air at a maximum volumetric flow rate of 2.84 cubic metres per second through a stack (ID: T9) having an exit diameter of 0.76 metre, and extending 0.76 metre above the roof and 8.32 metres above grade;
- one (1) exhaust system serving Cyclone No. 2, used to control suspended particulate emissions from

the West Saw Mill, discharging to the air;

all in accordance with the Environmental Compliance Approval Application submitted by Townsend Lumber Inc., dated August 7, 2020, and signed by Mike Penner, President; the supporting Emission Summary and Dispersion Modelling Report prepared by RWDI AIR Inc., dated August 7, 2020, and signed by Brad Bergeron; the Acoustic Assessment Report prepared by RWDI AIR Inc., dated August 7, 2020, and signed by Brad Bergeron; and the additional information submitted by Brad Bergeron, RWDI AIR Inc. via emails dated December 16, 2021 and December 22, 2021.

*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, by Brad Bergeron of RWDI AIR Inc. and dated August 7, 2020 submitted in support of the application, that documents all sources of noise emissions and Noise Control Measures present at the Facility;
2. "Approval" means this Environmental Compliance Approval, including the application and supporting documentation listed above;
3. "Company" means Townsend Lumber 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;
6. "Equipment" means the equipment 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. "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, described in the Company's application, Schedule "A" of this Approval and in the supporting documentation referred to herein, including the Acoustic Assessment Report, to the extent approved by this Approval;
11. "Publication NPC-233" means the Ministry Publication NPC-233, "Information to be Submitted for

Approval of Stationary Sources of Sound", October, 1995 as amended; and

12. "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 dust emissions from all potential sources;
  - b. implement the recommendations of the Manual; and
2. The Company shall ensure that water suppression is provided to control dust emissions from the operation of the mobile tub grinder.

### **2. FUGITIVE DUST CONTROL**

1. The Company shall provide effective dust suppression to the Equipment, and any other sources of fugitive dust emissions from the Facility.

### **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:
  - 1. a description of the nature of the complaint; and
  - 2. 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 restrict operation of the tub grinder to the daytime period between 7:00 am and 7:00 pm.
- 3. The Company shall restrict operation of the screener to the daytime period between 7:00 am and 7:00 pm.

#### **6. NOISE CONTROL MEASURES**

- 1. The Company shall:
  - a. fully implement the Noise Control Measures detailed in Schedule A of this Approval not later than twelve (12) months after the issuance of an above grade building permit under the Building Code Act, 1992, for a noise sensitive building on the vacant land located north-west of the Facility depicted as R10 in Figure 2 of the Acoustic Assessment Report; and
  - b. ensure that the Noise Control Measures are properly maintained and continue to provide the acoustical performance outlined in the Acoustic Assessment Report.

## **SCHEDULE A**

### **Noise Control Measures**

1. One (1) 4 metres high, 26 metres long acoustic barrier located approximately 7 metres northwest of the debarker identified as TS\_W\_debarker, as depicted in Figure E.1 of the Acoustic Assessment Report, continuous without holes, gaps or other penetrations, and having surface mass at least 20 kilograms per square metre.
2. One (1) 4 metres high, 27 metres long L-shaped acoustic barrier located approximately 12 metres northwest of the vibrating screener identified as TS\_W\_vib\_screener, as depicted in Figure E.1 of the Acoustic Assessment Report, continuous without holes, gaps or other penetrations, and having surface mass at least 20 kilograms per square metre.

**The Company shall implement the Noise Control Measures not later than twelve (12) months after the issuance of an above grade building permit under the Building Code Act, 1992, for a noise sensitive building on the vacant land located northwest of the Facility depicted as R10 in Figure 2 of the Acoustic Assessment Report.**

*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 Facility/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 implement a Noise Control Measures designed to ensure that the noise emissions from the Facility will be in compliance with applicable limits set in the Ministry's noise guidelines.

**Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s).  
3506-AUWNM3 issued on January 11, 2018.**

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](http://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 7th day of January, 2022



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Neryed Ragbar, P.Eng.

Director

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

ES/

c: District Manager, MECP London - District  
Brad Bergeron, RWDI Air Inc.