

**ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 2531-BD4PVN

Issue Date: June 24, 2019

Organic Waste Management Inc.  
5524 Perth Line 130  
Perth East, Ontario  
N0K 1C0

**Site Location:** Brunner Processing Site  
5524 Perth Line 130  
Perth East Township, County of Perth

*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:*

- two (2) wastewater storage tanks, each having a 7,014 cubic metres capacity and each discharging into the air through a vent having an approximate diameter of 1.22 metres, located 1.3 metres above grade and equipped with granulated activated carbon filter;
- one (1) vent or having an approximate of 0.7 metre, located 1.3 metres above grade and equipped with granulated activated carbon filter serving the truck receiving area and decant tanks;
- one (1) vent having an approximate of 2.3 metres, located 1.8 metres above grade and equipped with granulated activated carbon filter serving the waste processing building;
- One (1) natural gas fired boiler with maximum heat input of approximately 6.3 million kilojoules per hour; and,
- One (1) natural gas fired pressure washer with maximum heat input of approximately 1.0 million kilojoules per hour;

all in accordance with an application for Approval (Air and Noise) dated October 10, 2018 and signed by Glenn Nafziger and all supporting documentation including an Emission Summary and Dispersion Modelling Report prepared by Wood Environmental Limited and dated October 10, 2018, and the Acoustic Assessment Report prepared by Wood Environmental Limited, dated February 2019 and signed by Alfredo Rodrigues, P.Eng., and additional information related to the application.

*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 Wood Environmental Limited, dated February 2019 and signed by Alfredo Rodrigues, P.Eng., 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. "*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* continuous without holes, gaps and other penetrations, and having surface mass of at least 20 kilograms per square metre;
4. "*Approval*" means this Environmental Compliance Approval, including the application and supporting documentation listed above;
5. ""*Best Management Practices for Industrial Sources of Odour*" means the *Ministry* Publication "Best Management Practices for Industrial Sources of Odour", dated January 31, 2017, as amended;
6. "*Company*" means Organic Waste Management Inc., that is responsible for the construction or operation of the *Facility* and includes any successors and assigns;
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, as amended ;
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 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 *Publication NPC-300*. It also means the Noise Abatement Action Plan prepared by Wood Environmental Limited, dated February 2019 and signed by Alfredo

Rodrigues;

14. "*Noise Control Measures*" means measures to reduce the noise emission 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 outlined in the *Noise Abatement Action Plan*;
15. "*Odour Control Equipment*" means the odour control equipment, used to treat the air in the *Facility* before the air is discharged into the atmosphere;
16. "*Odour Management Plan*" means a document which describes the measures to minimize odour emissions from the *Facility* and/or *Equipment*;
17. "*Point of Reception*" means Point of Reception as defined by *Publication NPC-300*;
18. "*Publication NPC-103*" means the *Ministry* Publication NPC-103 of the Model Municipal Noise Control By-Law, Final Report, August 1978, published by the *Ministry* as amended;
19. "*Publication NPC-233*" means the *Ministry* Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October, 1995 as amended;
20. "*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 odorous emissions from all potential sources; and
  - v. the frequency of inspection and replacement of the filter material in the *Equipment*;
- b. implement the recommendations of the *Manual*.

## 2. **ODOUR MANAGEMENT PLAN**

1. The *Company* shall, at all times, take all reasonable measures to minimize odorous emissions and odour impacts from all potential sources at the *Facility*.
2. The *Company* shall submit to the *District Manager*, an *Odour Management Plan* that includes measures in place and proposed, to minimize odour impacts of the *Facility* buildings on nearby receptors, no later than three (3) months from the date of *Approval*.
3. The *Odour Management Plan* shall include:
  - a. *Facility* and process descriptions including a list of potential sources of odour and the *Odour Control Equipment*;
  - b. best management practices described in *Ministry's Best Management Practices for Industrial Sources of Odour* to ensure the effective implementation of the odour impact reduction measures, including:
    - i. periodic preventative activities and their frequency;
    - ii. inspection and maintenance procedures;
    - iii. monitoring initiatives; and
    - iv. record keeping practices for odour complaints and steps taken to address each complaint.
4. The *Company* shall:
  - a. update and revise the *Odour Management Plan* within three (3) months of the implementation of any proposed modifications that may impact odour emissions;
  - b. review and evaluate once every twelve (12) months from the date of this *Approval*, or at a frequency directed or agreed to in writing by the *District Manager*, the *Odour Management Plan* for the control of odour emissions;
  - c. record the results of each annual review and evaluation, and update the

*Odour Management Plan* accordingly;

- d. maintain the updated *Odour Management Plan* at the *Facility* and make it available to the *Ministry* staff upon request; and
- e. implement, at all times, the most recent version of the *Odour Management Plan* within sixty (60) days of an update.

5. The *Company* shall record, and retain such records, each time a specific preventative and odour impact reduction measure described in the *Odour Management Plan* is implemented .

### **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 *Noise Abatement Action Plan* according to the time-line described in Schedule A of this *Approval*;
  - b. ensure, subsequent to the completion of the *Noise Abatement Action*

*Plan*, that the noise emissions from the *Facility* comply with the limits set in *Ministry Publication NPC-300*;

- c. 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 Abatement Action Plan***

- **Stage 1: Completion not later than 2 months after the date of this *Approval***

1. The Company shall restrict the operation of the Maintenance Bay Door Pneumatic Impact Wrench (MB\_PIW) to (5) five minutes or less per sixty (60) minute period during daytime, and restrict operations to (2) two minutes or less per sixty (60) minute period during evening and night time;

- **Stage 2: Completion not later than 12 months following issuance of a building permit for R03, R04; R05, or R06**

1. The Company shall develop and submit an updated *Noise Abatement Action Plan* that is acceptable to the *Ministry*, not later than 3 months after the issuance of an above grade building permit and verified site inspection under the Building Code Act, 1992, for a building containing sensitive uses in respect of the residential properties or part thereof; and, for a building containing residential uses in respect of the properties or part thereof representing R03, R04; R05, or R06;
2. The Company shall implement the *Noise Abatement Action Plan*, as approved by the *Ministry*, within six (6) months after the approval of the *Noise Abatement Action Plan*, but no later than twelve (12) months after the issuance of an above grade building permit and verified site inspection under the Building Code Act, 1992, for a building containing sensitive uses in respect of the residential properties or part thereof representing R03, R04; R05, or R06.

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

1. Condition number 1 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 2 is included to require the *Company* to provide information to

the ministry on the efforts of the *Company* in minimizing odorous emissions relative to industry best practices.

3. 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.
4. 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.
5. 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*.

*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 [www.ebr.gov.on.ca](http://www.ebr.gov.on.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 24th day of June,  
2019

Jeffrey McKerrall, P.Eng.  
Director  
appointed for the purposes of Part  
II.1 of the *Environmental Protection  
Act*

BA/  
c: District Manager, MECP London - District  
Richard St. Jean, Wood Environment & Infrastructure Solutions