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Ministry of the Environment, Conservation and Parks
Ministère de l'Environnement, de la Protection de la nature et des Parcs

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 0598-CHJRAZ

Issue Date: February 10, 2023

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

Site Location:5524 Perth Line 130
Perth East Township, County of Perth
N0K 1C0

*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 food waste disposal facility, consisting of equipment discharging to the air as described in the table below:

Source ID	Description	Maximum Heat Input (kilojoule per hour)	Exhaust Volumetric Flow Rate (cubic metre per second)	Stack Exit Diameter (metre)	Stack Height Above Grade (metre)	Stack Height Above Roof (metre)
SC1	one (1) packed-tower type wet scrubber with de-misting chamber designated as NASM Scrubber for Mixing serving the Non-Agricultural Source Material (NASM) tank during material mixing	NA	9.44	2.3	4.7	NA
CF-P1	one (1) granular activated carbon filter system designated as Process Building Carbon Filter System 1 serving the truck receiving area, decant tanks and waste processing building	NA	8.5	0.7	1.3	NA
CF-P2	one (1) granular activated carbon filter system designated as Process Building Carbon Filter System 2 serving the truck receiving area, decant tanks and waste processing building	NA	11.20	2.3	1.8	NA
CF-ST1	one (1) granular activated carbon filter system designated as NASM Storage Tank Carbon Filter System serving one (1) Non-Agricultural Source Material (NASM) tank	NA	4.40	1.22	1.3	NA
CF-ST2	one (1) granular activated carbon filter system designated	NA	2.83	1.22	1.3	NA

	as Wastewater Storage Tank Carbon Filter System serving one (1) wastewater storage tank					
B	one (1) propane fired boiler designated as Miura Boiler for providing heat to the process operation	6,330,360	0.6	0.51	5.3	1.7
HWB1 and HWB2	two (2) propane fired water heaters designated as Hot Water Boilers 1 and 2 for providing heat to the process operation	1,107,813 (each)	0.1 (each)	0.35 (each)	6.4 (each)	1.4 (each)
PW	one (1) propane fired pressure washer system designated as Hotsy Pressure Washer	1,033,959	0.10	0.305	5.3	1.7

"NA" means not applicable.

all in accordance with the application dated January 4, 2022 and signed by Glenn Nafziger, for amendment to Environmental Compliance Approval No. 2531-BD4PVN, the Emission Summary and Dispersion Modelling Report, dated June 2021 and prepared by Wood Environment & Infrastructure Solutions, all supporting information associated with 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 Inc., dated October 17, 2022 and signed by Juan Vences and Mike Cyca, 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 for Industrial Sources of Odour" means the Ministry Publication "Best Management Practices for Industrial Sources of Odour", dated January 31, 2017, as amended;
5. "Company" means Organic Waste Management Inc., that is responsible for the construction or operation of the Facility and includes any successors and assigns;
6. "District Manager" means the District Manager of the appropriate local district office of the Ministry, where the Facility is geographically located;

7. "EPA" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended ;
8. "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;
9. "Facility" means the entire operation located on the property where the Equipment is located;
10. "Manual" means a document or a set of documents that provide written instructions to staff of the Company;
11. "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;
12. "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 Acoustic Assessment Report;
13. "Odour Control Equipment" means the odour control equipment, used to treat the air in the Facility before the air is discharged into the atmosphere;
14. "Odour Management Plan" means a document which describes the measures to minimize odour emissions from the Facility and/or Equipment;
15. "Point of Reception" means Point of Reception as defined by Publication NPC-300;
16. "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;
17. "Publication NPC-233" means the Ministry Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October, 1995 as amended;
18. "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;
19. "Truck(s)" means organic food waste 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 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 Control Measures as outlined in Schedule A of this Approval;
 - b. following the implementation of the Noise Control Measures, at all times, ensure that the noise emissions from the Facility comply with the limits set out 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 Control Measures

Completion upon issuance of this Approval

Administrative

Time Period	Administrative Controls
Daytime 07:00 to 19:00	The Company shall keep the maintenance bay door closed while using pneumatic tools
Daytime 07:00 to 19:00	The Company shall operate the Truck mounted vacuum pump and the vacuum Truck, inside the processing building with the bay door closed for the aboveground unloading procedure
Daytime 07:00 to 19:00	The Company shall operate the Truck mounted vacuum pump for a maximum of 5 minutes per sixty minute time period for the unloading of material into the below ground concrete tanks in the pit.
Evening and Night time 19:00 to 07:00	The Company shall keep the maintenance bay door closed while using pneumatic tools
Evening and Night time 19:00 to 07:00	Truck mounted vacuum pumps not operating

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.

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 2531-BD4PVN issued on June 24, 2019

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 10th day of February,
2023



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

AH/
c: District Manager, MECP London - District
Justin Tayles, Wood Environment & Infrastructure Solutions