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

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 9302-BJBRE4

Issue Date: January 9, 2020

2052865 Ontario Limited
401 Bowes Road
Vaughan, Ontario
L4K 1J4

Site Location: 200 Horner Avenue
City of Toronto

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) passive landfill gas venting system discharging into the air at a volumetric flow rate of 0.28 cubic metre per second, through eight (8) passive vents each equipped with a wind turbine, and each having the stack parameters outlined in Schedule "A";

all in accordance with the Environmental Compliance Approval Application submitted by 2052865 Ontario Limited, dated August 20, 2019 and signed by Pat Lamanna; and the supporting information including the Emission Summary and Dispersion Modelling Report, submitted by Cambium Inc., dated August 14, 2019 and signed by Sadie Bachynski P.Eng.; and email dated November 27, 2019 from Trevor Copeland of Cambium Inc.

For the purpose of this environmental compliance approval, the following definitions apply:

1. "*Annual Report*" means a report containing the results of the *Monitoring Plan* implementation for the preceding year;
2. "*Approval*" means this Environmental Compliance Approval, including the application and supporting documentation listed above;
3. "*Company*" means 2052865 Ontario Limited, that is responsible for the construction or operation of the *Facility* and includes any successors and assigns;
4. "*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*;

5. "*District Manager*" means the District Manager of the appropriate local district office of the *Ministry* where the *Facility* is geographically located;
6. "*Emission Summary Table*" means a table described in paragraph 14 of subsection 26 (1) of *O. Reg. 419/05*;
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. "*ESDM Report*" means the Emission Summary and Dispersion Modelling Report prepared in accordance with section 26 of *O. Reg. 419/05* and the *Procedure Document* by Cambium Inc., dated August 14, 2019 and signed by Sadie Bachynski, submitted in support of the application including any addendum submissions made during the *Ministry's* review of the *Company's* application;
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. "*Monitoring Plan*" means a written plan developed to monitor the landfill gas collected and discharged from the *Equipment* at the site;
14. "*O. Reg. 419/05*" means Ontario Regulation 419/05, Air Pollution – Local Air Quality, as amended;
15. "*Procedure Document*" means *Ministry* guidance document titled "Procedure for Preparing an Emission Summary and Dispersion Modelling Report" dated March 2018, as amended;
16. "*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; and
17. "*Schedule*" means the schedules attached to, and forming part of, this *Approval*, namely:

Schedule "A" - Vent Parameters;

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;
 - iii. procedures for any record keeping activities relating to operation and maintenance of the *Equipment*; and
 - iv. all appropriate measures to minimize noise and odorous emissions from all potential sources;
 - b. implement the recommendations of the *Manual*.

2. MONITORING AND REPORTING

1. The *Company* shall submit to the *District Manager*, not later than three (3) months from the date of this *Approval*, a draft *Monitoring Plan* for the gas collected and discharged from the *Equipment*. The *Company* shall finalize the *Monitoring Plan* in consultation with the *District Manager*. The finalized *Monitoring Plan* shall be implemented upon commencement of operations at the site and include, as a minimum, the following:
 - a. the frequency of monitoring agreed upon by the *District Manager*;
 - b. a methodology to measure the concentrations of contaminants in the gas discharging to the air; and
 - c. procedures to measure and record the wind speed and wind direction at the location where the *Equipment* is installed, at times of monitoring.
2. The *Company* shall submit, not later than **January 20, 2021** and each subsequent year thereafter, to the *District Manager* an *Annual Report* on the results of the *Monitoring Plan* implementation for the preceding year. Each *Annual Report* shall include, as a minimum, the following:

- a. the frequency of monitoring adopted;
 - b. the concentrations of contaminants in the gas discharging to the air;
 - c. the wind speeds and wind directions recorded at the times of monitoring; and
 - d. an updated *Emission Summary Table* if monitoring results indicate that contaminant emission rates are higher than the original emission estimates described in the *Company's ESDM Report*.
3. The *Company*, upon submission of the third *Annual Report*, with approval from the *District Manager*, may amend the monitoring and reporting requirements of this *Approval*.

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, at all times, ensure that the noise emissions from the *Facility* comply with the limits set out in *Ministry Publication NPC-300*.

SCHEDULE "A"

Vent Parameters

Vent ID	Exit Diameter (metre)	Height Above Grade (metre)
Vent1	0.30	4.25
Vent2	0.30	4.25
Vent3	0.30	2.50
Vent4	0.30	4.25
Vent5	0.30	13.50
Vent6	0.30	13.50
Vent7	0.30	4.25
Vent8	0.30	2.50

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

1. Condition No. 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 No. 2 is included to require the *Company* to gather accurate information so that compliance with the *EPA*, the *regulations* and this *Approval* can be verified.
3. 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.
4. 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.
5. 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*.

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
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*** 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**

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 9th day of January,
2020

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

Act

BR/

c: District Manager, MECP Toronto - District
Sadie Bachynski, Cambium Inc.