

AMENDMENT TO ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 5250-6V4HX2

Notice No. 8

Issue Date: April 9, 2021

Convertus Canada Ltd.
307 Commissioners Rd W, No. 8
London, Ontario
N6J 1Y4

Site Location: 4675 Wellington Road South
London City, County of Middlesex
N6K 0C7

You are hereby notified that I have amended Approval No. 5250-6V4HX2 issued on December 20, 2006 for a 4.17-hectare Waste Disposal Site (Processing) serving the Province of Ontario, for the temporary storage, transfer and processing, including aerobic biodegradation of solid non-hazardous, domestic, commercial, institutional or industrial organic waste, as follows:

1. The pre-amble has been amended to read as follows:

a 4.17-hectare Waste Disposal Site (Processing) serving the Province of Ontario, for the temporary storage, transfer and processing and aerobic biodegradation, including composting, of solid non-hazardous, domestic, institutional, commercial or industrial organic waste, encompassing the following:

- one (1) outdoor leaf and yard waste storage area, measuring 40 metres in length and 15 metres in width located west of the enclosed processing building, described below, where incoming leaf and yard waste is unloaded and screened immediately to remove odorous materials such as grass clippings from the leaf and yard waste for transfer to the enclosed building for processing. The remaining leaf and yard waste is moved into the enclosed processing building on an as-needed basis, to be shredded to be mixed with the incoming organic waste;
- one (1) enclosed processing building with the following:
 - o a receiving hall, a traffic/loading hall and material receiving and preparation areas, where the incoming organic waste is unloaded and pre-processed in an electric-powered shredder to open plastic bags, mixed with "10/100" fraction from the screening process, the leaf and yard waste or, if available, and the shredded root wood material and wood chips removed from the

biofilters at the site;

- o twelve (12) aerated concrete tunnels, where the organic waste mixed with "10/100" fraction from the screening process, the leaf and yard waste or, if available, and the shredded root wood material and wood chips is aerobically biodegraded;
- o screening area to screen the aerobically biodegraded organic waste mixed with "10/100" fraction from the screening process, the leaf and yard waste or, if available, and the shredded root wood material and wood chips;
- o curing building to stockpile and cure the aerobically biodegraded organic waste mixed with "10/100" fraction from the screening process, the leaf and yard waste or, if available, and the shredded root wood material and wood chips into processed organic waste or compost;
- o ventilation system to maintain a negative pressure in the processing building at all times, by drawing air from the receiving and traffic halls, screening area and pump room, and the curing building. This air will either be used as process air in the concrete tunnels before collection in an exhaust duct leading to the odour abatement equipment, or be led directly to the odour abatement equipment that consists of the following:
 - one (1) roof-mounted mix-box, receiving ventilation air either directly from the building via bypass valves between inlet and outlet duct of the composting tunnels to divert the air from the building directly to the odour abatement equipment or from the composting tunnels, to split the flow into two (2) equal streams before flowing into integrated ammonia scrubbers;
 - two (2) roof-mounted integrated ammonia scrubber housings, consisting of two sections in series:
 - o one (1) packed pre-scrubber, for the removal of dust and aerosols, filled with a polypropylene medium, with water spray nozzles on the front, for pre-treatment of odour in the air, including one (1) combined water tank serving the two (2) sections of both scrubber housings;
 - o one (1) packed ammonia scrubber with vertical mounted spray nozzles, using sulphuric acid as a scrubbing medium, for the removal of ammonia from the air. The air from the scrubber housings is fed into two (2) parallel-mounted tube air-water heat exchangers. The water from the clean water loop from the heat exchanger is then cooled in a crossflow two-cell cooling tower on the roof of the building and the two (2) air streams that exit the integrated scrubber housings and heat exchangers discharge into one ductwork leading to the biofilters;
- pre-humidification system upstream of the biofilters to ensure that the air entering the biofilters is fully saturated;

- five (5) enclosed up-flow biofilters, all constructed in concrete tunnels and operating in parallel, filled with filtering medium consisting of shredded root wood materials and wood chips, equipped with a water sprinkler system at the top;
- three (3) stack fans drawing the air from the biofilters and discharge into a ground-based stack; and
- one (1) booster fan, mounted on the roof of the building, drawing ambient air into the suction sides of the three (3) stack fans before final emission through an exhaust stack extending 60 metres above grade.

2. The following Condition are added to the Approval:

85. The Owner shall carry out the proposed maintenance and equipment replacement activities, including the reduction in the waste receipt rates, in accordance with the documentation listed in Items #25 and #26 of the attached Schedule "A".
86. A minimum of three (3) business days prior to commencement of the proposed maintenance and equipment replacement activities, the Owner shall notify the District Manager, in writing, of the planned start date.
87. After the commencement of the proposed maintenance and equipment replacement activities, the Owner shall submit written weekly notifications to the District Manager within time period acceptable to the District Manager. As a minimum, the notifications shall include the following:
- a. to-date progress of the implementation of the proposal;
 - b. any deviations from the approved timelines;
 - c. amount of waste received at the Site during the previous reporting period;
 - d. any unforeseen operational occurrences that have lead to any negative environmental impacts during the previous reporting period and actions taken to prevent the future occurrences; and
 - e. any other information required by the District Manager.

3. The following documents are added to Schedule "A":

25. Application for Environmental Compliance Approval dated October 14, 2020 signed by David Veinot, Convertus Canada Ltd., including letter from Dana-Jill Stroeder, GHD, to Director, Client Services and Permissions Branch, Ontario Ministry of the Environment, Conservation and Parks and the following attachments:
- a. Attachment 2 entitled "London - Air Equipment Upgrade Description Report";
 - b. Attachment 3 entitled "London - Air Works Report"
 - c. Attachment 4 entitled "Consent of Land/Site Owner for the Installation and Operation of the Proposed Activity"
 - d. Attachment 5 entitled "Record of Public Notification"

26. E-mail dated February 11, 2021 (1:35 p.m.) from David Veinot, Convertus Canada Ltd. to Margaret Wojcik, Ontario Ministry of the Environment, Conservation and Parks providing additional information on the proposal.

The reason for this amendment to the Approval is as follows:

to approve replacement of poorly-performing and/or physically damaged or deteriorating air abatement equipment equipment.

This Notice shall constitute part of the approval issued under Approval No. 5250-6V4HX2 dated December 20, 2006, as amended.

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.

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:

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**

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 April, 2021



Mohsen Keyvani, P.Eng.
Director
appointed for the purposes of Part II.1 of the
Environmental Protection Act

MW/

c: District Manager, MECP London - District
Dana-Jill Stroeder, P.Eng., GHD Limited