

**ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 7658-DS2KMH  
Issue Date: March 30, 2026

I.A. Fletcher Holdings Inc.  
7012 Rainham Road, Dunnville  
Haldimand, Ontario  
N1A 2W8

Site Location: 310 Riverside Drive  
County of Haldimand,  
N0A 1L0

*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:*

the use and operation of a 10.1 hectare Waste Disposal Site

to be used for the transfer and processing of the following types of waste:

- non-hazardous solid organic waste

Note: Use of the site for any other type of waste is not approved under this environmental compliance approval, and requires obtaining a separate approval amending this environmental compliance approval.

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

**"Active Composting"** means the phase of the Composting process in which the blended Organic Wastes are subjected to controlled conditions to facilitate thermophilic, aerobic and microbial decomposition;

**"Adverse Effect"** is as defined in the EPA;

**"Agricultural Waste"** within the context of this Approval means waste generated from agricultural activities including crop residues, spoiled silage, animal manure, animal bedding and spent mushroom compost and similar residential waste including household pet excrement, cat litter and pet bedding;

**"Air/ Noise Approval"** means the environmental compliance approval and any Schedules attached to it, including the application and its supporting documentation for activities set out in section 9 of the EPA and carried out at the Site;

**"Amendment Materials"** means brush, Wood and Wood products, that do not contain painted wood or composite wood products, including laminated wood;

**"Approval"** means this entire Environmental Compliance Approval document, issued in accordance with Section 20.2 of the EPA, and includes any schedules to it, the application and the supporting documentation listed in Schedule 1;

**"Aquatic Waste"** within the context of this Approval means wastes generated from aquatic sources including aquatic plants and animals and driftwood;

**"Compost Quality Standards"** means the Ministry standards for Compost as set out in the document entitled "*Ontario Compost Quality Standards* " dated July 25, 2012, as amended;

**"Compost"** has the same meaning as set out in the Standards Document. Furthermore, within context of this Approval, Compost also means the Processed Organic Waste, as defined in this Approval, from processing of waste at the Site that has been confirmed to comply with the applicable Compost Standards and for the times that testing is not required, it means the Processed Organic Waste from the approved processing at the Site;

**"Composting Site"** means the area dedicated to Composting as shown in the Supporting Documentation;

**"Composting"** has the same meaning as set out in the Standards Document. Furthermore, Composting must be conducted under controlled engineered conditions designed to decompose and stabilize organic matter. Exposure of organic matter under non-engineered conditions resulting in uncontrolled decay is not considered Composting. Composting process consists of Active Composting and Curing;

**"Curing"** means the aerobic, microbial degradation process after the Active Composting phase of the Composting process, to produce solid, mature material that exhibits limited biological activity, which has degraded to the point where it can be stored and used without risk of odour and adverse effects, such as risk to plants from residual phytotoxic compounds and which meets the maturity standards;

**"Director"** means any Ministry employee appointed in writing by the Minister pursuant to section 5 of the EPA as a Director for the purposes of Part II.1 of the EPA;

**"District Manager"** means the District Manager of the Hamilton District Office of the Ministry;

**"EASR"** means the Environmental Activity and Sector Registry;

**"EPA"** means the *Environmental Protection Act*, R.S.O. 1990, c. E. 19, as amended;

**"Feedstock"** means the incoming Organic Waste destined to undergo Composting at the Site;

**"Fertilizer"** means any substance or mixture of substances, containing nitrogen, phosphorus,

potassium or other plant food, that is manufactured, sold or represented for use as a plant nutrient, as defined in the Fertilizers Act;

**"Fertilizers Act"** means the *Fertilizers Act*, R.S., 1985, c-F-10, as amended;

**"Final Disposal"** within the context of this Approval means land disposal and thermal treatment, both as defined in Regulation 347, and does not include handling, storing, transferring, treating or processing of waste at a land disposal or a thermal treatment site;

**"Financial Assurance"** is as defined in Section 131 of the EPA;

**"Finished Compost"** in the context of this Approval, means the Processed Organic Waste, as defined in this Approval, destined for an end use as a Compost and that has been fully processed at the Site and is considered ready for sampling and testing for compliance with the Compost Quality Standards;

**"Food Waste"** means waste from residential, institutional, commercial and industrial operations which was originally intended for human or animal consumption;

**"GORE™ Cover Composting System"** means the Composting facility consisting of the bunkers, each with two (2) in-floor underdrains channels for aeration and leachate collection and an aeration blower and the GORE™ covers as described in the Supporting Documentation;

**"IC&I"** means industrial, commercial and institutional;

**"Immature Compost"** within the context of this Approval, means the Processed Organic Waste, as defined in this Approval, which has finished the Active Composting, and was screened, if screening is required, but which does not yet comply with the maturity Compost Quality Standards;

**"Laboratory Service Provider"** means a laboratory service provider that is accredited by an internationally recognized accreditation body which accredits laboratories under ISO/IEC 17025:2005 *General Requirements for the Competence of Testing and Calibration Laboratories*, as amended from time to time, including the Standards Council of Canada or the Canadian Association for Laboratory Accreditation;

**"Landfill"** means the closed landfilling area referred to as Closed West Quarry Landfill Site or Closed West Landfill Site;

**"Leaf and Yard Waste"** means waste consisting of natural Christmas trees and other plant materials but not tree limbs or other woody materials in excess of 7 centimetres in diameter and as defined in the O. Regulation 101/94, as amended, made under the EPA;

**"Liquid Waste"** means off-specification alcoholic (less than 24% alcohol) and non-alcoholic beverages and food which does not meet Regulation 347 Schedule 9 (Slump Test);

**"Manual"** means a document or a set of documents that provide written instructions to staff of the Owner;

**"Ministry"** means the ministry of the government of Ontario responsible for the EPA and OWRA and includes all officials, employees or other persons acting on its behalf;

**"Mobile Equipment"** as described in the Supporting Documentation;

**"NASM"** means non-agricultural source materials as defined in and within the meaning of O. Regulation 267/03. Within the context of this Approval, NASM also means a Processed Organic Waste, as defined in this Approval, produced at the Site and destined for land application on agricultural land in accordance with the requirements under NMA and that meets the NMA requirements for this end use;

**"NMA"** means the *Nutrient Management Act, 2002*, S.O. 2002, c. 4, as amended;

**"O. Regulation 101/94"** means Ontario Regulation 101/94, Recycling And Composting Of Municipal Waste, made under the EPA, as amended;

**"O. Regulation 232/98"** means Ontario Regulation 232/98, Landfilling Sites, made under the EPA, as amended;

**"O. Regulation 267/03"** means Ontario Regulation 267/03, General, made under the NMA, as amended;

**"Ontario Drinking Water Quality Standards"** means Ontario Regulation 169/03 (Ontario Drinking Water Quality Standards), made under the SDWA, as amended;

**"Organic Waste Mix"** means the mixture of the Organic Waste and the Amendment Materials and/or additives approved in this Approval;

**"Organic Waste"** means solid non-hazardous waste derived from plants or animals, including wastes consisting of other compounds of carbon, all readily biodegradable, and as further described in this Approval and destined for Composting at the Site;

**"Owner"** means I.A. Fletcher Holdings Inc. that is responsible for the construction or operation of the Site and includes any successors and assigns in accordance with section 19 of the EPA;

**"OWRA"** means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40, as amended;

**"PA"** means the *Pesticides Act*, R.S.O. 1990, c. P-11, as amended;

**"Pasteurization Phase"** means heat treatment phase of Active Composting to inactivate pathogens from the incoming Feedstocks;

**"Pre-Consumer Organic Waste"** means off-spec produce, trimmings and peelings from fruit

and vegetables, waste from food processing plants, brewing and wine making;

**"Processed Organic Waste"** is as defined in Regulation 347. Within the context of this Approval, the Processed Organic Waste also means a Compost or a NASM which are the outputs from approved processing of the Organic Waste at the Site;

**"Professional Engineer"** means a Professional Engineer as defined within the *Professional Engineers Act*, R.S.O. 1990, c. P.28, as amended;

**"Professional Geoscientist"** means a person that holds a certificate of registration under the *Professional Geoscientists Act*, 2000 and is a practising member, temporary member or limited member of the Association of Professional Geoscientists of Ontario;

**"Provincial Officer"** means any person designated in writing by the Minister as a provincial officer pursuant to Section 5 of the OWRA or Section 5 of the EPA or Section 17 of the PA or Section 4 of the NMA or Section 8 of the SDWA;

**"Receiving Building"** is a fully enclosed building to be used for the receiving and pre-processing of SSO waste as described in the Supporting Documentation;

**"Regional Director"** means the Regional Director of the local regional Office of the Ministry in which the Site is located;

**"Regulation 347"** means Regulation 347, R.R.O. 1990, General - Waste

**"Rejected Waste"** means the load of incoming waste inadvertently received at the Site and deemed by the Owner to contain waste that is not approved for receipt at the Site or it does not meet the incoming Organic Waste quality criteria set out in this Approval or that cannot be Composted;

**"Residual Waste"** means waste resulting from the waste processing activities at the Site, or that cannot be Composted and is destined for Final Disposal;

**"SDWA"** means the *Safe Drinking Water Act*, 2002, S.O. 2002, c. 32, as amended;

**"Sewage Works Approval"** means the environmental compliance approval and any Schedules attached to it, including the application and its supporting documentation for activities set out in section 53 of the OWRA and carried out at the Site;

**"Site"** means the waste disposal site being approved under this Approval, located at 310 Riverside Drive, County of Haldimand, Ontario;

**"Spill"** is as defined in the EPA;

**"SSO"** means the Source Separated Organics which consists of the Organic Waste suitable for Composting, which has been separated by the generator of the waste at its source of origin, from other waste under a program operated by or for a municipality, and including the bags used by the generator to encase the Organic Waste at the source of generation;

**"Standards Document"** means the Ministry's document entitled "Ontario Compost Quality Standards" dated July 25, 2012, as amended and including the following documents to provide operational guidance to accompany the "Ontario Compost Quality Standards":

- a. Guidance for Generators of Category AA, A, and B Compost and the Ontario Compost Quality Standards – Foreign Matter, Effective July 1st, 2015, as amended;
- b. Guidance for Generators of Category AA, A, and B Compost and the Ontario Compost Quality Standards – Sharp Foreign Matter, Effective July 1st, 2015, as amended;
- c. Guidance for Generators of Category AA, A, and B Compost and the Ontario Compost Quality Standards – Maturity, Effective July 1st, 2015, as amended;

**"Supporting Documentation"** means supporting documentation listed in the attached Schedule A;

**"Trained Personnel"** means an employee trained in accordance with the requirements of Condition 10 and is knowledgeable through instruction and/or practice and able to carry out any necessary duties;

**"Trucks"** means the reagent truck(s) and the waste truck(s);

**"Waste"** means the waste approved for receipt at the Site for Composting and the in-process waste and the processed waste at the Composting Site as approved in this Approval;

**"waste"** within the context of this Approval, it means any material defined as a waste or designated to be a waste under any Ontario regulation or any other discarded, unwanted, unsuitable for its original use or purpose (for example off-specification or expired) post-consumer goods, items or materials. Any outputs from processing/treatment of waste at a waste disposal site continue to be considered waste; and

**"Wood"** is as defined in the Compost Quality Standards document.

*You are hereby notified that this environmental compliance approval is issued to you subject to the terms and conditions outlined below:*

## TERMS AND CONDITIONS

### 1.0 GENERAL

1. The Owner shall ensure compliance with all the conditions of this Approval and shall ensure that any person authorized to carry out work on or operate any aspect of the Site is notified of this Approval and the conditions herein and shall take all reasonable measures to ensure any such person complies with the same.
2. Any person authorized to carry out work on or operate any aspect of the Site shall comply with the conditions of this Approval.

### **In Accordance**

3. Except as otherwise provided for in this Approval, the Site shall be designed, developed, used, operated and maintained, and all facilities, equipment and fixtures shall be built and installed, in accordance with the documentation listed in the attached Schedule "A".
  - a. The Owner shall not begin operations at Site until final drawings have been submitted to and approved by the District Manager and Director.

### **Interpretation**

4. Where there is a conflict between a provision of any document, including the application, referred to in this Approval, and the conditions of this Approval, the conditions in this Approval shall take precedence.
5. Where there is a conflict between the application and a provision in any documents listed in Schedule "A", the application shall take precedence, unless it is clear that the purpose of the document was to amend the application and that the Ministry approved the amendment.
6. Where there is a conflict between any two documents listed in Schedule "A", other than the application, the document bearing the most recent date shall take precedence.
7. The conditions of this Approval are severable. If any condition of this Approval, or the application of any condition of this Approval to any circumstance, is held invalid or unenforceable, the application of such condition to other circumstances and the remainder of this Approval shall not be affected thereby.

### **Other Legal Obligations**

8. The issuance of, and compliance with the conditions of, this Approval does not:
  - a. relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement; or
  - b. limit in any way the authority of the Ministry to require certain steps be taken or to require the Owner and Operator to furnish any further information related to compliance with this Approval.

## **Adverse Effects**

9. The Owner and Operator shall take steps to minimize and ameliorate any Adverse Effect or impairment of water quality resulting from operations at the Site, including such accelerated or additional monitoring as may be necessary to determine the nature and extent of the effect or impairment.
10. Despite an Owner, Operator or any other person fulfilling any obligations imposed by this Approval the person remains responsible for any contravention of any other condition of this Approval or any applicable statute, regulation, or other legal requirement resulting from any act or omission that caused the Adverse Effect or impairment of water quality.

## **Change of Owner**

11. The Owner shall notify the Director, in writing, and forward a copy of the notification to the District Manager, within 30 days of the occurrence of any changes in the following information:
  - a. the ownership of the Site;
  - b. the Operator of the Site;
  - c. the address of the Owner or Operator;
  - d. the partners, where the Owner or Operator is or at any time becomes a partnership and a copy of the most recent declaration filed under the Business Names Act, R. S. O. 1990, c. B.17, shall be included in the notification.
12. No portion of this Site shall be transferred or encumbered prior to or after closing of the Site unless the Director is notified in advance and sufficient financial assurance is deposited with the Ministry to ensure that these conditions will be carried out. In the event of any change in Ownership of the works, other than change to a successor municipality, the Owner shall notify the successor of and provide the successor with a copy of this Approval, and the Owner shall provide a copy of the notification to the District Manager and the Director.

## **Inspections**

13. No person shall hinder or obstruct a Provincial Officer in the performance of their duties, including any and all inspections authorized by the OWRA, the EPA or the PA of any place to which this Approval relates, and without limiting the foregoing to:
  - a. enter upon the premises where the Site is located, or the location where the records required by the conditions of this Approval are kept;
  - b. have access to, inspect, and copy any records required by the conditions of this Approval;

- c. to inspect the Site, related equipment and appurtenances;
- d. inspect the practices, procedures, or operations required by the terms and conditions of this Approval; and
- e. sample and monitor for the purposes of assessing compliance with the conditions of this Approval or the EPA, the OWRA or the PA.

### **Information and Record Retention**

- 14. The Owner shall ensure that a copy of this Approval in its entirety, including all notices of amendments and documentation listed in Schedules of this Approval, are retained at the Site at all times.
- 15. Any information requested, by the Ministry, concerning the Site and its operation under this Approval, including but not limited to any records required to be kept by this Approval shall be provided to the Ministry, upon request, within 3 business days.
- 16. All records required by the conditions of this Approval must be retained on Site for a minimum period of two (2) years from the date of their creation.
- 17. The receipt of any information by the Ministry or the failure of the Ministry to prosecute any person or to require any person to take any action, under this Approval or under any statute, regulation or other legal requirement, in relation to the information, shall not be construed as:
  - a. an approval, waiver, or justification by the Ministry of any act or omission of any person that contravenes any term or condition of this Approval or any statute, regulation or other legal requirement; or
  - b. acceptance by the Ministry of the information's completeness or accuracy.
- 18. Any information relating to this Approval and contained in Ministry files may be made available to the public in accordance with the provisions of the *Freedom of Information and Protection of Privacy Act* , R.S.O. 1990, C. F-31.

### **Other Approvals**

- 19. The Owner shall ensure that the Site is not operated unless all approvals for the activities set out in Section 9 of the EPA, where applicable, have been obtained.
- 20. The Owner shall ensure that the Site is not operated unless all approvals for the activities set out in Section 53 of the OWRA, where applicable, have been obtained.
- 21. If any modifications to the Design and Operations report arise as a result of the Air/Noise Approval or Sewage Works Approval, the Owner shall submit an application to amend

this Approval accordingly.

## **Financial Assurance**

22. No later than 30 days prior to receiving waste at the Site, the Owner shall submit financial assurance as defined in Section 131 of the EPA to the Director in the amount of \$256,291.00. This financial assurance shall be in a form and amount acceptable to the Director and shall provide sufficient funds to pay for compliance with and performance of any action specified in this Approval, including Site clean-up, monitoring and the disposal of all quantities of waste on-Site, closure and post-closure care of the Site and contingency plans for the Site.
23. Commencing on February 27, 2031, and every 5 years thereafter, the Owner shall provide to the Director a revaluation of the amount of the financial assurance required to facilitate the actions described under Condition 19 above.
24. The amount of financial assurance is subject to review at any time by the Director and may be amended at his/her discretion. If any financial assurance is scheduled to expire or notice is received, indicating financial assurance will not be renewed, and satisfactory methods have not been made to replace the financial assurance at least 60 days before the financial assurance terminates, the financial assurance shall forthwith be replaced by cash.

## **2.0 GENERAL SITE OPERATIONS**

### **Site Design, Development and Operation**

1. The Site shall be operated and maintained at all times including management and disposal of all waste in accordance with the EPA, Reg. 347, and the conditions of this Approval. At no time shall the discharge of a contaminant that causes or is likely to cause an adverse effect be permitted.
2. The Owner shall ensure that a Trained Personnel is on duty at all times during the operation of the Site to provide proper supervision of all activities.

### **Service Area**

3. The Site is approved to receive waste generated within Ontario.

### **Waste Types**

4. This Site is approved to accept municipal solid non-hazardous waste destined for Composting at the Site. The Organic Waste approved for receipt at the Composting Facility is limited to:
  - Leaf and Yard Waste from residential, industrial, commercial and institutional sources;
  - SSO from residential (including diapers and pet waste), industrial, commercial

and institutional sources;

### **Incoming Waste Inspection**

5. Prior to being accepted, the Owner shall ensure all incoming loads are inspected by Trained Personnel to ensure only wastes approved under this Approval are received at this Site, and that incoming waste loads for the Site contain only incidental amounts of other waste materials.
6. If any incoming waste load is known to, or is discovered to, contain unapproved waste, that load shall not be accepted at the Site.
7. If any unapproved waste is discovered on-Site, that waste shall be immediately isolated from other waste and disposed of in accordance with the EPA and Reg. 347.
8. Loads of incoming waste and outgoing Residual Waste and Rejected Waste shall only be transported to and from the Site by haulers approved by the Ministry or registered on the EASR, as required.

### **Rejected and Residual Waste Handling**

9. The Owner shall ensure that the Rejected Waste and the Residual Waste are:
  - a. temporarily stored in designated storage area(s);
  - b. stored in a way that ensures that no adverse effects result from such storage;
  - c. segregated from all other waste; and
  - d. handled and removed from the Site in accordance with Reg. 347 and the EPA, or sent to the Landfill for final disposal, as applicable.
10. The Rejected Waste shall be removed from the Site within four (4) business days of its receipt or as directed by the District Manager.
11. The Residual Waste shall be temporarily stored in a designated area in the receiving building which shall be removed from Site when full or once per week, whichever comes first.
12. The Rejected Waste and the Residual Waste transported from the Site shall be in appropriately covered vehicles that will not allow fugitive dust or odour emissions to be emitted into the natural environment during the said transport.

### **Source Separated Organics Storage Area Capacity and Storage**

13. The Owner shall ensure that the maximum amount of waste accepted at the Site shall not exceed 800 tonnes per day.

14. The Owner shall ensure that the maximum amount of waste accepted at the Site shall not exceed 65,000 tonnes per year.
15. The Owner shall ensure that the maximum total amount of waste at the Site does not exceed 12,000 tonnes at any one time.
16. In the event that Organic Waste cannot be processed at the Site and the Site is at its approved waste storage capacity, the Owner shall cease accepting additional waste. Receipt of additional waste may be resumed once such receipt complies with the waste storage limits approved in this Approval.
17. Despite Conditions 2(9), 2(10) and 2(11), the Residual Waste and Rejected Waste generated within the Receiving Building shall be:
  - a. stored within the designated area within the confines of the Receiving Building at all times;
  - b. segregated from all other waste; and
  - c. removed from the Receiving Building within forty eight (48) hours from the time of it's receipt for disposal at an approved waste disposal site in accordance with Reg. 347 and the EPA.
18. The Owner shall ensure that all waste storage is undertaken in a manner that does not cause an Adverse Effect or a hazard to the environment or any person.
19. No storage of incoming Organic Waste in its transportation vehicle is approved under this Approval.

### **Hours of Operation**

20. The hours of operation are as follows:
  - a. Waste shall be accepted, processed and removed from the Site from 7 am to 7 pm Monday to Saturday.
  - b. Mobile Equipment used for daily composting activities shall be used from 7 am to 7 pm Monday to Saturday.
  - c. Other equipment shall be operated 24 hours per day as needed, unless otherwise restricted by Municipal By-laws.
21. With the prior written approval of the District Manager, the time periods may be extended to accommodate seasonal or unusual quantities of waste.

## **Site Security and Access**

22. No waste shall be received or removed from the Site unless a site supervisor or attendant is present and supervises the operations during operating hours. The Site shall be closed when Trained Personnel are not present to supervise operations at the Site.
23. The Site shall be operated and maintained in a secure manner. During non-operating hours, the Site entrance and exit gates shall be locked and the Site shall be secured against access by unauthorized persons.
24. Access roads and on-Site roads shall be provided and maintained in a manner that vehicles hauling waste to and on the Site may travel readily and safely on any operating day. During winter months, when the Site is in operation, roads must be maintained to ensure safe access to the Site. Access roads must be clear of mud, ice and debris which may create hazardous conditions.

## **Vermin and Vectors**

25. The Site shall be operated and maintained such that the vermin, vectors, dust, litter, odour, noise and traffic do not create a nuisance.
26. If at any time vermin or vectors become a nuisance, the Owner shall hire a qualified, licensed pest control professional to design and implement a pest control plan for the Site. The pest control plan shall then remain in place until the Site has been closed and this Approval has been revoked.

## **Burning Waste Prohibited**

27. Burning of any type of waste at this Site is prohibited.

## **Scavenging**

28. No scavenging is to occur at the Site.

## **Dust**

29. The Owner shall control fugitive dust emissions from on site sources including but not limited to on-Site roads, waste storage/processing/handling areas especially during times of dry weather conditions. If necessary, major sources of dust shall be treated with water and/or dust suppression materials to minimize the overall dust emissions from the site.

## **Odour**

30. The Owner shall control odour emissions from the Site in accordance with the Supporting Documentation provided in Schedule 'A'.

31. The Odour Management Plan shall be reviewed on an annual basis and updated if necessary.
32. If at any time odours are generated at the Site resulting in complaints, the Owner shall take appropriate remedial actions immediately to eliminate the cause of the problem. Appropriate measures may include the removal of waste from the Site and temporary stoppage of all operations until the problem has been rectified and measures have been undertaken to prevent future occurrence.
33. The Owner shall ensure that all waste and Compost handling activities, including turning of the processing windrows and waste screening are only undertaken during favourable wind conditions.
34. The Owner shall ensure that the doors of the Receiving Building are kept closed at all times except to permit the entry or exit of persons, waste and/or processing/maintenance/waste transport equipment.
35. In the event that the outdoor Leaf and Yard Waste storage pile becomes odourous, the Leaf and Yard Waste shall be immediately diverted to the the Receiving Building, or the composting system.

#### **Litter Control**

36. The Owner shall take all practical steps to prevent escape of litter from the site. The Owner shall inspect and collect litter from the site on a weekly basis during the spring, summer and fall months. During winter months, litter collection shall be completed on a bi-weekly frequency.

#### **Vehicles and Traffic**

37. The Owner shall ensure that all vehicles transporting waste from the Site are not leaking or dripping waste or wastewater when leaving the Site.
38. The Owner shall ensure that:
  - a. the wheels of all vehicles departing from the Site are inspected and cleaned, as required, prior to the vehicles' departure from the Site; and
  - b. any truck washing at the Site is conducted indoors within the confines of the Receiving Building with all washwater collected in the leachate collection tank;
39. The Owner shall ensure that there is no queuing or parking of vehicles that are waiting to enter the Site on any roadway that is not a distinct part of the Site.
40. The Owner shall ensure that all vehicles hauling waste are adequately covered to prevent fugitive odour or dust emissions during transport.
41. The Owner shall ensure that the vehicles transporting waste to and from the Site use the

designated on-Site traffic routes.

42. The Owner shall ensure that all new drivers of vehicles transporting waste to and from the Site are instructed/trained on the acceptable on-Site traffic routes.
43. All waste shall be transported to and from the Site in accordance with the EPA and Reg. 347 and in vehicles that have been approved by the Ministry or registered on the EASR, as required.
44. The Owner shall determine the Site access truck traffic routes and shall ensure that all drivers of vehicles making deliveries and removing waste to and from the Site are made aware of the traffic routes restrictions and requirements.

### **Approved Waste Management Activities**

45. The following waste management activities are approved in this Approval:
  - a. receipt and temporary storage of the Organic Waste destined for Composting at the Site;
  - b. pre-processing of the Organic Waste, including the following:
    - i. shredding and mixing of the Organic Waste to reduce the waste size, to blend the waste into the Organic Waste Mix and to achieve optimum moisture, pH, bulk density and carbon-to-nitrogen levels for GORE™ Cover Composting; and
    - ii. grinding of the Organic Waste (mostly Leaf and Yard waste) to reduce the waste size to make it suitable to be Composted or be used as bulking agent in Composting;
  - c. transfer of the Organic Waste from the temporary storage/pre-processing locations to the Composting areas of the Site;
  - d. processing of the Organic Waste, including the following:
    - i. Composting of the Organic Waste;
    - ii. Curing of Immature Compost;
    - iii. screening of Finished Compost, if screening is required based on the proposed end use;
    - iv. shredding of wooden overs destined for re-use in the Composting process;
  - e. temporary storage of Residual Waste and Rejected Waste and transfer off-Site.

- f. collection of leachate for reuse during the compost process.
46. All Composting shall take place in designated areas as set out in the Supporting Documentation.
47. All activities approved under this Approval shall only be carried out by appropriately Trained Personnel.
48. Pre-processing of the Organic Waste shall be as follows:
- a. during normal operations at the Site, when using the permanent shredder, the Owner shall ensure that all shredding and mixing of the Organic Waste is carried out within the confines of the Receiving Building;
  - b. should an emergency situation prevent the Owner from pre-processing the Organic Waste within the Receiving Building, the Owner may pre-process the Organic Waste outdoors in a designated area on a short term basis and within twenty four (24) hours from the commencement of the outdoor processing of the Organic Waste notify in writing the District Manager and immediately discontinue this operation if instructed in writing by the District Manager;
  - c. should the Owner plan for a longer pre-processing of the Organic Waste outdoors, the Owner may pre-process the Organic Waste outdoors in a designated area with written concurrence of District Manager;
  - d. the Organic Waste received in the Receiving Building shall be mixed into the Organic Waste Mix on the day of the Organic Waste receipt;
  - e. the Organic Waste Mix shall be transferred into the GORE™ Cover Composting System within twenty four (24) hours of receipt, but no later than seventy two (72) hours of receipt should unfavourable weather conditions prevail; and
  - f. grinding of the Organic Waste (mostly Leaf and Yard waste) with a grinder shall be carried out in the designated areas.
49. Operation of a grinder is approved for use to reduce the size of Organic Waste (mostly Leaf and Yard Waste) accepted to the Site so that it can be either Composted or used as bulking agent in the Composting processes.
50. Operation of a grinder is approved for use on the wood grinding areas located in the Site Plan.
51. Composting of the Organic Waste shall be in the GORE™ Cover Composting System.
52. Composting of the Organic Waste in the GORE™ Cover Composting System shall be done as follows:

- a. GORE™ Cover Composting shall be carried out in the dedicated area and as proposed in the Supporting Documentation.
- b. GORE™ Cover Composting System shall utilize active aeration and leachate collection in concrete channels and underdrains.
- c. GORE™ Cover Composting System shall be used for Active and Curing Composting Phases.
- d. Oxygen and temperature sensors shall be inserted through openings in the GORE™ cover and the system shall be turned over to automatic computer control, as recommended by the manufacturer.

53. Curing of the Immature Compost shall be as follows:

- a. Curing shall commence when the Immature Compost has completed Active Composting in the GORE™ Cover Composting System and has a slower rate of decomposition, lower biological activity and oxygen demand and is characterized by reduced temperatures, lower moisture content and lower odour generation potential than the previous phases of the Composting process.
- b. Following completion of Active Composting, the Immature Compost shall be moved to Curing process in GORE™ Cover Composting System, and left to cure.
- c. Once Curing windrows are formed and the Curing duration is commenced, no new additional Immature Compost shall be added to the Curing windrows.

54. If screening is required based on the Compost end-use requirements, screening of the Finished Compost shall be done as follows:

- a. up-to two (2) screening plants are approved for use at the Site;
- b. screening operations may be moved throughout the day and into different areas to accommodate efficient operation in accordance with the locations set out in the Supporting Documentation.

55. Only clean water shall be used to increase moisture of the Organic Waste Mix undergoing Active Composting following the commencement of the Pasteurization Phase, the Immature Compost undergoing Curing, and for dust control purposes.

56. For each category of Compost produced at the Site, the progress of Composting through all of its stages shall be tracked.

57. Different categories of Compost shall be kept separated.

58. Wood be stored and shredded with a grinder at a designated area referred to as the grinding area.

### **Waste Storage**

59. Should outdoor storage or management of any waste become a source of odour complaints, the Owner shall,

a. immediately move the waste causing complaints into the Receiving Building or ship the waste off-Site; or

b. manage the waste causing complaints as directed in writing by the District Manager.

60. During normal operation of the Site, the Owner shall ensure that all incoming putrescible Organic Waste, including SSO and Packaged Organic Waste, is received and temporarily stored within the confines of the Receiving Building, at all times.

61. Should an emergency situation prevent the Owner from receiving and temporarily storing the Organic Waste within the confines of the Receiving Building, the Owner shall, within twenty-four (24) hours from the occurrence of the outdoor receipt and storage of the Organic Waste, notify the District Manager, of the outdoor receipt and temporary storage.

62. As proposed in the Supporting Documentation, the Owner shall ensure that the Residual Waste, including non-hazardous solid non-biodegradable waste, is stored within the confines of a Receiving Building or outdoors near the screen.

63. All other incoming Organic Waste and the Amendment Materials intended for Composting may be stored outdoors in designated areas as set out in the Supporting Documentation.

64. The Owner shall ensure that all waste storage is undertaken in a manner that does not cause an Adverse Effect or a hazard to the environment or any person.

65. The Owner shall ensure that all loading, unloading and storage of any liquids at the Site is carried out in an area designed in accordance with the requirements in the Ministry's document entitled "Guidelines for Environmental Protection Measures at Chemical and Waste Storage Facilities" dated May 2007, as amended.

66. In the event that the waste cannot be transferred from or processed at the Site and the Site is at its approved waste storage capacity, the Owner shall cease accepting additional waste. Receipt of additional waste may be resumed once such receipt complies with the waste storage limitations approved in this Approval.

67. All waste removed from the Site for Final Disposal shall only be disposed of at a Ministry-approved site or a site approved to accept such waste by an appropriate government agency of equivalent jurisdiction.

## **Cross-Contamination Prevention**

68. The Owner shall ensure that the incoming Organic Waste and the equipment used in handling of the incoming Organic Waste are kept separate and do not come in contact with the Immature Compost / the Finished Compost and Compost except where the Immature Compost / the Finished Compost and Compost are being fed back into the beginning of the Composting process.
69. The Owner may use equipment utilized in processing of incoming Organic Waste to process the Immature Compost / the Finished Compost and Compost provided that the equipment has been cleaned to prevent the Immature Compost / the Finished Compost and Compost from being contaminated by the incoming Organic Waste.
70. If the same equipment is used in production of different categories of Compost, the Owner shall ensure that the equipment is cleaned before use in a different process.
71. If the same equipment is used in management of different categories of Waste, the Owner shall ensure that the equipment is cleaned before use in a different process or a different Waste.
72. Unless otherwise required by this Approval the Owner shall follow the best management practices to minimize cross-contamination.

## **Wastewater/Leachate Management**

73. The Owner shall ensure that storage, processing, Composting or other waste management activities are carried out only in areas identified in the Supporting Documentation and that these areas are adequately bermed and equipped with drainage, as required.
74. The Owner shall ensure that all run-off from the Composting areas is directed to the stormwater management facility or is cleaned up to prevent accumulation of run-off in the Composting areas.
75. The Owner shall ensure that all wastewater run-off and/or leachate from any waste management activity carried out at the Site is not discharged into the municipal drains, or any other natural drain or watercourse unless approved by the Ministry and all wastewater and/or leachate generated at the Site is managed, discharged and monitored in accordance with the Sewage Works approval, as required.
76. Composting leachate produced in the Phases I and II portions of the Composting process the GORE™ Cover Composting System shall be collected in the trench system and concrete storage tanks.
77. Composting leachate may only be used within the Receiving Building to increase moisture in the incoming feedstocks or be re-introduced to the Composting process to provide moisture prior to commencement of the Pasteurization Phase.

78. If excessive Composting leachate is produced in the process, the leachate shall be transferred off-Site to facilities approved by the Ministry to receive the leachate.

### **3.0 EQUIPMENT, SITE INSPECTIONS AND MAINTENANCE**

#### **Inspections**

1. No later than 30 days prior to receiving waste at the Site or as acceptable to the District Manager, the Owner shall prepare a comprehensive written inspection program which includes procedures for inspections of all aspects of the Site's operations including the following:
  - a. waste loading/unloading/storage areas including the condition of the Receiving Building and its ventilation system and the air pollution control equipment;
  - b. condition of all major pieces of the Organic Waste processing equipment;
  - c. condition of the Composting Site, including and the Gore™ Composting Systems area, the Open Windrow Composting area and the Curing area;
  - d. condition of the containment area for the temporary storage of the Liquid Waste;
  - e. condition of all instruments including but not limited to the instruments for monitoring the Composting process parameters;
  - f. condition of the outdoor Waste storage areas;
  - g. security fence and property line;
  - h. presence of excessive fugitive dust emissions from the operation of the Site;
  - i. presence of the on and off-Site litter;
  - j. presence of vector and vermin;
  - k. presence of off-Site odours; and
  - l. condition of run-off drainage, collection and storage facilities.
2. The inspections required in Condition 3(1) shall be undertaken daily by Trained Personnel in accordance with the inspection program to ensure that all equipment and facilities at the Site are maintained in good working order at all times and that no off Site impacts are occurring. Any deficiencies detected during these regular inspections must be promptly corrected.

#### **Critical Spare Parts**

3. The Owner shall prepare a list of critical spare parts and update this list annually or more

frequently, if necessary, to ensure that this list is maintained up-to-date. The list shall be retained at the Site and be made available for inspection by a Provincial Officer, upon request.

4. The Owner shall ensure that the critical spare parts are available at the Site at all times or be immediately available from an off-Site supplier.

**Preventative Maintenance:**

5. The Owner shall develop and implement a preventative maintenance program for all on-Site equipment associated with the processing and managing of waste and control of odour, noise and dust emissions. The preventative maintenance program shall be maintained up-to-date, be retained at the Site and be available for inspection by a Provincial Officer, upon request.

**4.0 COMPOST QUALITY STANDARDS, CRITERIA AND FERTILIZER QUALITY REQUIREMENTS**

**Incoming Organic Waste (Feedstock) Quality Standards**

1. The incoming Organic Waste (Feedstock) received at the Site shall not exceed the maximum concentrations for metals listed in the Standards Document, for the intended end use category of Compost.

**Compost Quality Standards- Metals in Compost**

2. Compost shall not contain regulated metals in a concentration that exceeds any of the limits set out in the Standards Document, for the intended end use category of Compost.

**Compost Quality Standards- Maturity**

3. Compost shall comply with the maturity requirements set out in the Standards Document, for the intended end use category of Compost.

**Compost Quality Standards- Pathogen Reduction**

4. Compost shall comply with the pathogen reduction requirements set out in the Standards Document, for the intended end use category of Compost.

**Compost Quality Standards- Total Foreign Matter Content and Sharp Foreign Matter**

5. Compost shall comply with the total foreign matter content and sharp foreign matter content limits set out in the Standards Document, for the intended end use category of Compost.

**5.0 PROCESSING CRITERIA AND MONITORING**

### **Composting Recipe Criteria- Carbon to Nitrogen Ratio (C:N Ratio)**

1. For GORE™ Cover Composting System, the Owner shall ensure that the Carbon to Nitrogen Ratio (C:N Ratio) of the Organic Waste Mix prior to its incorporation into the Composting process is maintained at a level set out in the Supporting Documentation, at all times.

### **Composting Recipe Criteria- Moisture**

2. The Owner shall ensure that the moisture content of the Organic Waste Mix prior to its incorporation into the GORE™ Cover Composting System is maintained between 55% and 65%.

### **Composting Recipe Criteria- Porosity and Bulk Density**

3. The Owner shall ensure that prior to its incorporation into the Composting process, the Organic Waste Mix has the appropriate porosity and bulk density to promote aerobic conditions.

### **Composting Recipe Criteria- Changes to the Composting Recipe Criteria**

4. The Owner shall ensure that no changes to the Composting Recipe Criteria, as listed in Conditions 5 (1) and 5(2) above, are undertaken unless with a prior written concurrence of the District Manager.

### **Active Composting Oxygen Content**

5. The Owner shall ensure that the oxygen content of the Organic Waste Mix undergoing Active Composting is sufficient to prevent the Composting Organic Waste Mix from becoming anaerobic at any one time, and within the target oxygen range of 6% to 16%.
6. Monitoring of the oxygen content of the Organic Waste Mix undergoing Active Composting in the GORE™ Cover Composting System shall be carried out with the oxygen sensors and in accordance with the procedures set out in the Supporting Documentation.
7. Within one (1) hour of identifying the oxygen content excursions below the oxygen content at or below 5%, the Owner shall initiate appropriate remedial measures to increase the oxygen content of the Organic Waste Mix undergoing Active Composting.

### **Moisture Content**

8. The Owner shall ensure that the moisture content of the Organic Waste Mix after Active Composting process and prior to Curing Composting in the GORE™ Cover Composting System is between 55% and 65%.
9. Monitoring of the moisture content shall be carried out in accordance with the procedure set out in the Supporting Documentation unless otherwise set out in this Approval.

10. Despite provisions of Condition 5(9),
  - a. for the purpose of controlling the moisture content within the Immature Compost in the Curing windrows, the Owner may also use the squeeze test in accordance with the document entitled "Best Practices for Operating an Aerated Windrow Composting Facility", prepared by The Compost Council of Canada for Manitoba Conservation and Water Stewardship, dated 2016; and
  - b. for the purpose of verifying compliance with the maturity standard moisture requirement, the Owner shall test the moisture level within the Immature Compost in the Curing windrows using the procedure(s) set out in the BNQ Industry Standard, CAN/BNQ 0413-200/2016 *Organic soil conditioners - Compost*, as amended.
11. From each processing windrow within the GORE™ Cover Composting System, the Owner shall collect a minimum of ten (10) grab samples of the waste at the start or the end of each phase of Composting unless the BNQ Industry Standard, CAN/BNQ 0413-200/2016 *Organic soil conditioners - Compost* requires more samples for each testing event.
12. The samples shall be collected from the waste in the sections of the windrows as they are progressively constructed and de-constructed and they shall represent the full depth profile of the windrow, starting at the location one (1) metre from the surface and including locations in the middle and bottom of the windrow.
13. The Owner shall sample for the moisture content of the Organic Waste Mix undergoing Active Composting in the Immature Compost during Curing, on a weekly basis.

## **Temperature**

14. The Owner shall ensure that during the Pasteurization Phase, the temperature of the Composting Organic Waste Mix within the GORE™ Cover Composting System windrows, as measured in accordance with this Approval, is maintained at a minimum pasteurization temperature of 55 degrees Celsius for at least three (3) cumulative days to inactivate pathogens.
15. The temperature reading(s) in the GORE™ Cover Composting System windrows shall be taken in the location(s) that will provide representative pasteurization temperature reading(s) as described in the Supporting Documentation.
16. Where continuous automated temperature monitoring is used, the compliance with the pasteurization requirement may be demonstrated on the basis of daily averages using all data points acquired over a twenty-four (24) hour period.
17. The Owner shall ensure that following the Pasteurization Phase, the temperature of the Composting Organic Waste Mix is maintained at the level set out in the Supporting Documentation and that within four (4) hours of identifying the temperature excursions above this level, appropriate remedial measures to lower the Composting temperature to the required

level are initiated.

18. Temperatures shall be measured at a depth of one (1) metre from the surface of the Composting Organic Waste Mix mass or the Immature Compost Curing mass.
19. Except for the Immature Compost Curing carried out under the Gore™ covers, the temperature of the Immature Compost Curing windrows shall be measured and recorded at least weekly.
20. For Curing of the Immature Compost carried out under the Gore™ covers, the temperature within the Curing windrows shall be measured and recorded in accordance with the procedure set out in the Supporting Documentation.

## **6.0 TESTING**

### **General Requirements for Testing of Feedstock and Finished Compost**

1. The Owner shall maintain a Quality Assurance/Quality Control (QA/QC) program for sampling and analysis of the Feedstock and the Finished Compost, as required by this Approval, and shall make the results of the QA/QC program, including all analyses carried out by an accredited laboratory service provider, available for inspection upon request by the District Manager, the Director and any Provincial Officer.
2. All required analytical results shall be from a laboratory service provider accredited by a Canadian Association for Laboratory Accreditation or equivalent.
3. The Owner shall contact their laboratory service provider for recommended sample preparation methods, sample containers, and other materials and instructions for sample collection and handling and shall prepare a written sampling protocol. This protocol shall be made available to the Ministry staff, upon request.
4. The Feedstock and the Finished Compost sampling/composite sample preparation and testing methods and procedures shall be as set out in Appendix 1 and Appendix 2 of the Standards Document.
5. Re-testing due to sample failure is as set out in the Standards Document.

## **Testing of Incoming Organic Waste (Feedstock)**

6. The Owner shall ensure that all incoming Organic Waste is characterized in accordance with the requirements of this Approval.
7. If the Owner relies on the published data for the well-studied/characterized Organic Waste, the latest published information shall be used to confirm that the incoming Organic Waste received at the Site are destined to be processed into Compost at the Site comply with the Feedstock standards from the Standards Document.
8. If the published data is not available or used to confirm compliance of the incoming Organic Waste with the Feedstock standards from the Standards Document, the Owner shall:
  - a. establish the incoming Organic Waste sampling/testing protocol as set out in Appendix 1 and Appendix 2 of the Standards Document;
  - b. sample and analyze representative samples of the incoming Organic Waste to be received at the Site prior to receipt at the Site;
  - c. sample the incoming Organic Waste on a monthly basis for a period of one (1) year or until a consistent characteristic profile is obtained or for Organic Waste which are received less frequently than monthly, sample each incoming load for a period of one (1) year, or until a consistent characteristics profile is obtained; and
  - d. sample the incoming Organic Waste when the characteristics of the Organic Waste have changed.
9. Notwithstanding provisions of Condition 6 (8), above, the Owner shall periodically sample the incoming Organic Waste for which consistent characteristics have been obtained to confirm that the Organic Waste has not changed.
10. If at any time, the average concentration of any regulated metal in the Finished Compost is found to be greater than 80% of the concentration limit for Compost set out in Condition 4 (1), the Owner shall carry out an investigation, including testing of the incoming Organic Waste, to determine the source and the cause of the elevated metal concentration.
11. Based on demonstrated compliance with the Feedstock characterization requirements from Conditions 6 (6) through 6 (11), the Owner may designate the generator as a pre-approved source.

## **Sampling/Testing of the Finished Compost**

12. Prior to being transferred from the Site for its intended end use, the Owner shall;

- a. conduct quality control testing of the Finished Compost in accordance with the requirements set out in the Standards Document and listed in Conditions 4 (2) through 4 (5), above; and
- b. ensure that all Composting records demonstrate compliance with the temperature and residency time requirements for pathogen inactivation set out in the Standards Document and listed in Condition 4 (4), above.

## **7.0 COMPLIANCE WITH COMPOST QUALITY STANDARDS, DISPOSAL AND/OR RE-USE REQUIREMENTS**

### **Compliance with Compost Quality Standards**

1. Finished Compost is considered to be Compost when it complies with Compost Quality Standards for the intended end use category.
2. Prior to Compost being transferred from the Site for its intended end use, the Owner shall ensure that all Composting records demonstrate compliance with the temperature and residency time requirements for pathogen inactivation set out in the Standards Document.

### **Non-compliance with Compost Quality Standards:**

3. Finished Compost is a non-exempted waste for Categories A and AA until sampling/testing required by this Approval demonstrates that all Compost Quality Standards specified in this Approval are met.
4. The Owner shall segregate the Immature Compost at various stages of Curing until all Compost Quality Standards specified in this Approval are tested for and met for the production of Compost.
5. The Finished Compost which does not exceed the maximum concentrations for metals as set out in Column 2 of Table 3.1 of the Standards Document and which complies with the foreign matter quality requirements, the maturity criteria, the pathogen reduction requirements and the pasteurization temperature and residency time requirements set out in the Standards Document may be transferred off Site:
  - a. for unrestricted use as Category AA Compost; or
  - b. for use as a NASM in accordance with the NMA.
4. The Finished Compost which does not exceed the maximum concentrations for metals as set out in Column 3 of Table 3.1 of the Standards Document and which complies with the foreign matter quality requirements, the maturity criteria, the pathogen reduction requirements and the pasteurization temperature and residency time requirements set out in the Standards Document may be transferred off Site:

- a. for unrestricted use as Category A Compost, provided that the labelling requirements as specified in the Standards Document are met; or
  - b. for use as a NASM in accordance with the NMA.
5. The Finished Compost which does not exceed the maximum concentrations for metals as set out in Column 4 of Table 3.1 of the Standards Document and which complies with the foreign matter quality requirements, the maturity criteria, the pathogen reduction requirements and the pasteurization temperature and residency time requirements set out in the Standards Document may be transferred off Site:
- a. for use as a NASM in accordance with the NMA; or
  - b. for use as Category B compost in accordance with approvals for management as a waste, in accordance with Part V of the EPA and Reg. 347;
  - c. for use at a waste disposal facility approved to receive this type of waste.
6. The Finished Compost which does not exceed the maximum concentrations for metals as set out in Table 3.1 of the Standards Document and which complies with the foreign matter quality requirements, the pathogen reduction requirements and the pasteurization temperature and residency time requirements but not with the maturity requirements set out in the Standards Document is considered to be an Immature Compost and a waste and shall:
- a. be re-tested and/or shall continue to undergo Curing at the Site; or
  - b. be disposed of as waste at a waste disposal site approved by the Ministry, or its equivalent if in jurisdictions outside of Ontario, to accept such waste.
7. The Finished Compost which does not exceed the maximum concentrations for metals as set out in Table 3.1 of the Standards Document and which complies with the foreign matter quality requirements, the maturity requirements but not with the pathogen reduction requirements and the pasteurization temperature and residency time requirements set out in the Standards Document is considered to be a waste and shall:
- a. be returned to the Composting process for pasteurization as set out in this Approval; or
  - b. be disposed of as waste at a waste disposal site approved by the Ministry, or its equivalent if in jurisdictions outside of Ontario, to accept such waste.

8. If the Finished Compost exceeds the maximum concentrations for metals in Compost for its intended end use, as set out in Table 3.1 of the Standards Document, but meets the maximum concentrations for metals in the Feedstock listed in Table 3.2 of the Standards Document, subject to compliance with the records-keeping requirements set out in Condition 13, it may be returned to the Composting process as waste for re-processing to produce a different category Compost.

## **8.0 ENVIRONMENTAL IMPACT CONTROL AND HOUSEKEEPING**

1. The Owner shall ensure that all waste, including Compost handling activities, turning of the processing windrows are only undertaken during favourable wind conditions.

### **Odour Management**

2. Unless otherwise required by this Approval, the Owner shall control odour emissions from the Site in accordance with the Supporting Documentation.
3. The Owner shall implement appropriate housekeeping procedures, including regular cleaning of the Organic Waste handling equipment to minimize emissions of odour from the Organic Waste handling areas.
4. The Owner shall maintain a negative air pressure atmosphere within the Receiving Building at all times or as required by the Air/ Noise Approval.
5. The Owner shall ensure that, at all times when the Organic Waste is in the Receiving Building, the air from the Receiving Building is exhausted through an appropriate air pollution control equipment approved by the Ministry in the Air/ Noise Approval.
6. The Owner shall ensure that the doors of the Receiving Building are kept closed at all times except to permit the entry or exit of persons and/or processing/maintenance/waste transport equipment.

## **9.0 COMPLAINT MANAGEMENT PROCEDURE**

1. A designated representative of the Owner shall be available to receive public complaints caused by the operations at the Site twenty-four (24) hours per day, seven (7) days per week.
2. If at any time, the Owner receives any environmental complaints from the public regarding the operation of the Site, the Owner shall respond to these complaints according to the following procedures:
  - a. Step 1: Receipt of Complaint - The Owner shall record each complaint in a computerized tracking system. The information recorded shall include the following:

- i. the name, address and the telephone number (or contact information) of the complainant, if known;
  - ii. the date and time of the complaint; and
  - iii. details of the complaint, including the description and duration of the incident.
- b. Step 2: Investigation of Complaint - After the complaint has been received by the Owner and recorded in the tracking system, the Owner shall, immediately notify, either the District Manager or the Environmental Compliance Officer. The Owner shall immediately initiate investigation of the complaint. The investigation shall include, as a minimum, the following:
  - i. determination of the activities undertaken in the Site at the time of the complaint;
  - ii. general meteorological conditions including, but not limited to the ambient temperature, approximate wind speed and its direction, sunny versus cloudy, inversion versus clear and windy, etc. at the time of the complaint;
  - iii. location of the person who submitted the complaint, if known, at the time of the incident; and
  - iv. determination if the complaint is attributed to activities being undertaken at the Site and if so, determination of all the possible cause(s) of the complaint;
- c. Step 3: Corrective Action - The Owner shall determine the remedial action(s) to address the cause(s) of the complaint and implement the remedial action(s) to eliminate the cause(s) of the complaint, as soon as practicably possible, and to prevent a similar occurrence in the future;
- d. Step 4: Response to the complainant, the District Manager or the Environmental Compliance Officer - The Owner shall forward a reply to the complainant, if complainant is known, and to the District Manager or the Environmental Compliance Officer, within one (1) week after the receipt of the complaint. The response shall include the results of the investigation of the complaint, the action(s) taken or planned to be taken to address the cause(s) of the complaint, and if follow-up response would be provided.
- e. Step 5: Recording - All of the information collected and actions taken must be recorded in the tracking system.

3. If the District Manager deems the remedial measures taken as per Condition 9 (2) c. to be unsuitable, insufficient or ineffective, the District Manager may direct the Owner, in writing, pursuant to the remedial order section (s.17) or the preventative measures order section (s.18) of the EPA to take further measures to address the noted failure, upset or malfunction, including but not limited to the following:
  - a. reduction in the receipt of the waste;
  - b. cessation of the receipt of the waste;
  - c. removal and off-site disposal of waste; and
  - d. repairs or modifications to the equipment or processes at the Site.

## **10.0 OPERATIONS MANUAL AND PERSONNEL TRAINING**

### **Operations Manual**

1. No later than 30 days prior to receiving waste at the Site or as acceptable to the District Manager, the Owner shall prepare an Operations Manual for the Site. As a minimum, the Operations Manual shall contain the following:
  - a. outline of the responsibilities of the Site personnel;
  - b. personnel training protocols;
  - c. operating and maintenance procedures for the Composting Site, including but not limited to Organic Waste receiving and screening procedures, unloading, handling and storage procedures and waste processing procedures, including preparation of the Organic Waste Mix, the aerobic Composting in the GORE™ Cover Composting System, Curing of the Immature Compost and screening of the Finished Compost and Wood handling areas and equipment;
  - d. care and operating and maintenance procedures for the Landfill;
  - e. sampling, testing, monitoring and recording procedures for the Site as required by this Approval;
  - f. required data recording procedures;
  - g. emergency response procedures including an outline of the responsibilities of Site personnel including roles and responsibilities during emergency situations, exit locations and evacuation routing, and locations of relevant equipment available for handling of the emergency situations;

- h. the contingency plans for the Site;
  - i. equipment and Site inspection procedures, as required by this Approval;
  - j. nuisance impact control and housekeeping procedures, as required by this Approval;  
and
  - k. the procedures for handling and recording complaints as described in this Approval.
2. A copy of the Manual referred to in Condition 10 (1) shall be kept at the Site, must be accessible to Site personnel at all times and must be updated, as required.

### **Personnel Training**

3. All Site personnel shall be trained with respect to the following:
- a. operation and management of the Site, or area(s) within the Site, as per the specific job requirements of each individual operator in accordance with the Manual required by Condition 10 (1), above;
  - b. terms and conditions of this Approval, relevant to the specific job requirements of each individual operator in accordance with the Manual required by Condition 10 (1), above;
  - c. environmental, and occupational health and safety concerns pertaining to the wastes to be handled;
  - d. emergency first-aid information; and
  - e. relevant waste management legislation and regulations, including the EPA and Regulation 347.
4. The Owner shall ensure that all employees at the Site are trained in the requirements of this Approval relevant to the employee's position:
- a. upon commencing employment at the Site in a particular position; and
  - b. whenever items listed in Condition 10 (1) are changed or during the planned refresher training.

### **11.0 EMERGENCY RESPONSE AND CONTINGENCY PLAN**

1. The Owner shall maintain the existing Emergency Response and Contingency Plan for the Site. Any future revisions to the Emergency Response and Contingency Plan shall be prepared in consultation with the District Manager. The Owner shall also invite the local municipality and the local Fire Department to provide input and/or comments into preparation of the Emergency Response and Contingency Plan. The Emergency Response

and Contingency Plan, as a minimum shall include the following:

- a. emergency response procedures to be undertaken in the event of a spill, process upset, power failure, fire or any other emergency situation, including specific clean up methods for wastes expected to be generated from the emergency situation;
  - b. a list of equipment and clean up materials available for dealing with the emergency situations and their locations on the Site plan;
  - c. notification protocol with names and telephone numbers of persons to be contacted, including persons responsible for the Site, the Ministry's District Office and Spills Action Centre, the local Fire Department, the local Municipality, the local Medical Officer of Health, and the Ministry of Labour, and the names and telephone numbers of waste management companies available for emergency response;
  - d. procedures and actions to be taken should the incoming Organic Waste not meet the quality criteria set out in this Approval;
  - e. procedures and actions to be taken should the outgoing Residual Waste not meet the quality criteria set out in the receiving site environmental compliance approval;
  - f. procedures and actions to be taken should the Composted Organic Waste fail to meet the required Compost Quality Standards;
  - g. procedures and actions to be taken should the temporary storage of the Organic Waste at the Site result in occurrence of complaints;
  - h. procedures and actions to be taken should the occurrence of complaints require the Owner to implement additional odour control measures;
  - i. procedures and actions to be taken should the occurrence of complaints require the Owner to suspend waste processing activities at the Site; and
  - j. procedures and actions to be taken should there be an occurrence of malfunction of equipment and infrastructure to operate, manage and monitor the closed Landfill area;
  - k. procedures and actions to be taken should the Recipe Mix Criteria set out in this Approval not be met.
2. An up-to-date version of the Emergency Response and Contingency Plan shall be kept at the Site, in a central location known and available to all Site personnel. A copy shall be made available to Ministry staff upon request and to the local municipality and the local Fire Department, if requested.

3. The Emergency Response and Contingency Plan shall be reviewed on an annual basis and updated, if necessary. The revised version of the Emergency Response and Contingency Plan shall be provided to the District Manager and to the local municipality and the Fire Department, if requested.

## **12.0 EMERGENCY SITUATIONS RESPONSE AND REPORTING**

1. The Owner shall immediately take all necessary measures, as set out in the Emergency Response and Contingency Plan, to handle the emergency situations occurring at the Site.
2. The Owner shall ensure that the equipment and materials outlined in the Emergency Response and Contingency Plan are immediately available at the Site at all times and are in a good state of repair and fully operational.
3. The Owner shall ensure that all Site personnel are fully trained in the use of the equipment and materials outlined in the Emergency Response and Contingency Plan, and in the procedures to be employed in the event of an emergency.
4. All Spills shall be immediately reported to the **Ministry's Spills Action Centre at 1-800-268-6060** and to the local municipality, and shall be recorded in the log book or as a digital record, as to the nature and cause of the spill, and the action taken for clean-up, correction and prevention of similar future occurrences.
5. Should a Spill, occur at the Site, in addition to fulfilling the requirements from the EPA, the Owner shall submit to the District Manager a written report within three (3) calendar days outlining the nature of the Spill, remedial measure taken and the measures taken to prevent future occurrences at the Site.

## **13.0 RECORDS KEEPING**

### **Activities at the Site**

1. The Owner shall maintain a written or digital record of activities undertaken at the Site. All measurements shall be recorded in consistent metric units of measurement. The record shall include, as a minimum, the following information:
  - a. date, quantity, source and type of the Organic Waste at the Site;
  - b. analytical data from testing of the incoming Organic Waste or the published data and justification for using the published data;
  - c. date, quantity, type, quality (including the analytical data from any compliance testing) and the destination of Compost, by each category, transferred from the Site;

- d. date, quantity, type, quality (including the analytical data from any compliance testing) and the destination of Finished Compost that was transferred back to the Composting process to produce a different category of Compost;
- e. date, quantity, type and the destination of the total Residual Waste, transferred from the Site for final disposal;
- f. date, quantity, type and the destination of the Rejected Waste transferred off-Site and the reason for rejection;
- g. date, quantity, type and the destination of the Composting leachate transferred off-Site;
- h. waste processing activities undertaken at the Site, including shredding and grinding of waste, windrow construction, addition of moisture and turning activities, Finished Compost screening;
- i. monitoring and sampling activities;
- j. housecleaning activities;
- k. receipt of Organic Waste outside of the normal receipt hours;
- l. running total of the Organic Waste temporarily stored prior to Composting, the Organic Waste Mix undergoing Composting, Immature Compost, the Finished Compost, the Residual Waste, the Rejected Waste and the Compost present at the Site; and
- m. temperature and/or oxygen content excursions outside of the required levels.

## **Emergency Situations**

2. The Owner shall maintain a written or digital record of the emergency situations. The record shall include, as a minimum, the following:
  - a. the type of an emergency situation;
  - b. description of how the emergency situation was handled;
  - c. the type and amount of material spilled, if applicable;
  - d. a description of how the spilled material was cleaned up and waste stored, if generated; and
  - e. the location and time of final disposal, if applicable.

## **Inspections**

3. The Owner shall maintain a written or digital record of inspections as required by this Approval. The record shall include, as a minimum, the following:
  - a. the name and signature of person that conducted the inspection;
  - b. the date and time of the inspection;
  - c. the list of any deficiencies discovered;
  - d. the recommendations for remedial action; and
  - e. the date, time and description of actions taken.

## **Personnel Training**

4. The Owner shall maintain a written or digital record of training as required by this Approval. The record shall include, as a minimum, the following:
  - a. date of training;
  - b. name and signature of person who has been trained; and
  - c. description of the training provided.

## **Sampling and Testing Records**

5. The Owner shall establish and maintain a written or digital record of all sampling and testing activities at the Composting Site. This record shall include, as a minimum, the following information:
  - a. waste sampled, sample collection locations and volume collected;
  - b. day and time of collection;
  - c. sample handling procedures;
  - d. name of the person undertaking the sampling;
  - e. parameters tested for and the results;
  - f. name of the laboratory service provider facility conducting the testing, if applicable; and

g. conclusions drawn with respect to the results of the monitoring and testing.

### **Monitoring Records**

6. The Owner shall establish and maintain a written or digital record of all monitoring activities at the Composting Site as required by this Approval. This record shall include, as a minimum, the following information:
  - a. temperature in the active Composting and curing windrows;
  - b. the oxygen levels in the active Composting and curing windrows; and
  - c. moisture levels in the active Composting and curing windrows.

### **Complaints Management Records**

7. The Owner shall establish and maintain a written or digital record of all complaints and the responses as required by this Approval.

### **Annual Report**

8. A written report on the development, operation and monitoring of the Site, shall be completed annually (the "Annual Report"). The Annual Report shall be submitted to the District Manager April 30th of each year, and shall cover the 12 month period preceding December 31st.
9. The Annual Report shall be in a format or formats acceptable to the District Manager and it shall summarize the operation of the Composting Site covering the previous calendar operating year and since the last reporting period.
10. This Annual Report shall include, as a minimum, the following information:
  - a. plan(s) showing significant Site features such as Site boundary, roads, gates, surface water features, ponds, ditches, sampling and monitoring location and the Composting Site features;
  - b. general description of the Composting Site operations;
  - c. annual amount of the Organic Waste received and processed at the Composting Site, including the waste type, quantity and sources;
  - d. annual amount and quality of Compost transferred from the Composting Site and its final destination;
  - e. a list of receiving sites and approval numbers associated with the site that receives

Category B compost from the Composting Site;

- e. annual amount of the Composting leachate transferred from the Composting Site and its final destination;
- f. a summary describing any Rejected Waste including quantity, waste type, reasons for rejection and origin of the Rejected Waste;
- g. annual amount of the Residual Waste transferred from the Composting Site for Final Disposal and its destination;
- h. number of Composting and Curing windrows and the status of processing at the end of the operating year;
- i. amount of unprocessed Organic Waste temporarily stored at the Composting Site at the end of the operating year;
- j. amount of Compost temporarily stored at the Composting Site at the end of the operating year;
- k. results of sampling and testing at the Composting Site;
- l. any changes to the Emergency Response and Contingency Plan, the Operations Manual or the Closure Plan that have been made to or approved by the Director or the District Manager since the last Annual Report;
- m. any environmental and operational problems, that could negatively impact the environment, encountered during the operation of the Composting Site or identified during the inspections and any mitigative actions taken;
- n. any recommendations to minimize environmental impacts from the operation of the Composting Site and to improve the Composting Site operations;
- o. a summary of any complaints received and the responses made, as required by this Approval;
- p. a descriptive summary of any spills, incidents or other emergency situations which have occurred at this Composting Site, any remedial measures taken, and the measures taken to prevent future occurrences;
- q. an annual summary of any deficiencies, items of non-compliance or process aberrations that occurred at this Composting Site and any remedial/mitigative action taken to correct them;
- r. Financial Assurance amount for the Composting Site as approved in the most recent

Approval;

- s. a condition-by-condition analysis of compliance with all Approval conditions related to the Composting Site; and
- t. any other information with respect to the Composting Site which the District Manager may require from time to time.

11. The Owner shall keep a copy of the latest Annual Report at the Site, at all times.

### **Closure Plan**

- 12. The Owner shall submit, for approval by the Director, a written Closure Plan for the Composting Site at least nine (9) months prior to closure of the Composting Site. This Closure Plan shall include, as a minimum, a description of the work that will be done to facilitate closure of the Composting Site and a schedule for completion of that work.
- 13. The Owner shall submit to the District Manager, a detailed schedule/timetable for the implementation of the Closure Plan, a minimum of one (1) month prior to closure of the Composting Site.
- 14. Within ten (10) days after closure of the Composting Site, the Owner must notify the Director and the District Manager, in writing, that the Composting Site has been closed in accordance with the approved Closure Plan.

## **Schedule "A"**

The following documentation hereby forms Schedule "A"

1. Application for an Environmental Compliance Approval submitted dated December 20, 2024 and received on December 20, 2024 for the proposed Composting Facility, including all supporting documents.
2. Emails from Tanya Bogoslawski, P.Eng. GHD to the Ministry dated December 18, 2025 January 23 and February 27, 2026.

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

1. The reason for Conditions 1(1), 1(2), 1(3), 1(4), 1(5), 1(6), 1(7), 1(8), 1(9), 1(10), 1(14), 1(15), 1(16), 1(17), 1(18), 1(19), 1(20) and 1(21) is to clarify the legal rights and responsibilities of the Owner and Operator under this Environmental Compliance Approval.
2. The reason for Condition 1(11) is to ensure that the Site is operated under the corporate name which appears on the application form submitted for this approval and to ensure that the Director is informed of any changes.
3. The reasons for Condition 1(12) are to restrict potential transfer or encumbrance of the Site without the approval of the Director and to ensure that any transfer of encumbrance can be made only on the basis that it will not endanger compliance with this Approval.
4. The reason for Condition 1(13) is to ensure that appropriate Ministry staff have ready access to the Site for inspection of facilities, equipment, practices and operations required by the conditions in this Approval. This condition is supplementary to the powers of entry afforded a Provincial Officer pursuant to the EPA and OWRA.
5. The reason for Conditions 1(22), 1(23) and 1(24) are included to ensure that sufficient funds are available to the Ministry to clean up the Site in the event that the Owner is unable or unwilling to do so.
6. The reasons for Conditions 2(1), 2(25) to 2(44) are to ensure that the Site is operated and maintained in an environmentally acceptable manner and does not result in a hazard or nuisance to the natural environment or any person.
7. The reasons for Condition 2(2), 2(21) to 2(24) are to ensure that the Site is supervised by properly trained staff in a manner which does not result in a hazard or nuisance to the natural environment or any person and to ensure the controlled access and integrity of the Site by preventing unauthorized access when the Site is closed and no site attendant is on duty.
8. The reason for Conditions 2(3), 2(4), and 2(13) to 2(19) is to specify the approved areas from which waste may be accepted at the Site, and the types and amounts of waste that may be accepted at the Site, based on the Owner's application and supporting documentation.
9. The reason for Conditions 2(5) to 2(12) is to ensure that only waste approved under this Approval are accepted at the Site and handled in an environmentally acceptable manner which does not result in a hazard or nuisance to the natural environment or any person.
10. The reasons for Condition 2(20) and 2(21) are to specify the hours of operation for the Site and a mechanism for amendment of the hours of operation, as required.

11. The reason for Conditions 2(45) to 2(78) is to ensure that waste handling, processing and storage at the Site are undertaken in a way which does not result in an adverse environmental effect or a hazard to the environment or any person and are in accordance with the application and supporting documentation submitted by the Owner, and not in a manner which the Director has not been asked to consider.
12. The reason for Condition 3(1) to 3(5) is to require the equipment used for waste management and pollution control to be inspected and maintained thoroughly and on a regular basis to ensure that the operations at the Site are undertaken in a manner which does not result in an Adverse Effect or a hazard to the health and safety of the environment or any person.
13. The reason for Condition 4(1) to 4(5) is to identify the Compost Quality Standards and criteria that must be met before Finished Compost can be considered Compost suitable for its intended end use and eligible for exemption from the requirement for an environmental compliance approval for use at a site.
14. The reason for Conditions 5(1) to 5(20) is to specify the Composting recipe criteria and the operating parameters required for a properly functioning Composting operation as per the consensus in the composting industry and the Ministry's requirements so that the operation for the Site does not result in an Adverse Effect or a hazard to the natural environment or any person.
15. Conditions 5(1) to 5(20) is also included to require the Owner to carry out the monitoring and testing activities required to verify processing criteria required under this Approval.
16. The reason for Conditions 6(1) to 6(12) is to ensure that the Owner accepts and processes only the waste types that are approved in this Approval and that those wastes that are appropriate for Composting. Conditions 6(1) to 6(12) are also included to ensure that the Owner regularly tests the incoming Organic Waste and the Finished Compost to verify compliance with the Compost Quality Standards and compatibility of Compost produced at the Site with its proposed end use.
17. The reasons for Conditions 7(1) and 7(8) are to identify applicable regulatory compliance criteria for the wastes processed or generated at the Site to ensure that all outputs from waste management activities at the Site are properly managed, processed and disposed of in accordance with the Ministry's regulatory requirements and in a manner that protects the health and safety of the public and the environment. Conditions 7(3) to 7(8) are also included to set out the procedures for the Owner to follow should non-compliance with the Compost Quality Standards occur.
18. The reason for Condition 8(1) to 8(6) is to ensure that the Site is operated and maintained in an environmentally acceptable manner which does not result in a negative impact on the natural environment or any person.
19. The reason for Condition 9(1) to 9(3) is to require the Owner to respond to any

environmental complaints resulting from the operations at the Site appropriately and in a timely manner and that appropriate actions are taken to prevent any further incidents that may cause complaints in the future.

20. The reason for Condition 10(1) to 10(4) is to ensure that personnel employed at the Site are fully aware and properly trained on the requirements and restrictions related to Site operations under this Approval.
21. The reason for Condition 11(1) to 11(3) is to ensure that the Owner is prepared and properly equipped to take action in the event of an emergency situation.
22. The reason for Condition 12(1) to 12(5) is to require further spill notification to the Ministry, in addition to the requirements already listed in Part X of the EPA.
23. The reason for Condition 13 (1) to 13(14) is to ensure that detailed records of Site activities, inspections, monitoring and upsets are recorded and maintained for inspection and information purposes.

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:

- c. 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;
- d. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

4. The name of the appellant;
5. The address of the appellant;
6. The environmental compliance approval number;
7. The date of the environmental compliance approval;
8. The name of the Director, and;
9. 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 30th day of March, 2026



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

SF/

c: District Manager, MECP Hamilton - District Office  
TANYA BOGOSLOWSKI, P. Eng., GHD Limited