

**AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER A210328  
Issue Date: July 25, 2025

Waste Management of Canada Corporation  
117 Wentworth Court  
Brampton, Ontario  
L6T 5L4

Site Location: 260 New Toronto Street  
Toronto, Ontario  
M8V 2E8

*You have applied under section 20.2 of Part II.1 of the Environmental Protection Act, R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:*

a 2-hectare Waste Disposal Site (Transfer/Processing) to receive, temporarily store and process up-to a maximum of:

Transfer/Processing Facility

- 1,000 tonnes per day of solid non-hazardous waste for final disposal;
- 650 tonnes per day of leaf and yard waste and single category (clean load) recyclable waste;
- 1,300 tonnes per day of single source (mixed) recyclable waste;

CORE<sup>R</sup> Organics Processing Facility

- 400 tonnes per day of solid food waste (solid organic waste);
- 50,000 litres per day of liquid organic waste (Complementary Organic Liquids Waste); and

with all organic waste derived from plants or animals, listed in Condition 3.1(2) of this Approval, from residential (domestic), industrial, commercial and institutional sources and all readily biodegradable.

The waste disposal site comprises the following receipt, storage and processing areas:

- Transfer/Processing Building comprising the following:
  - o existing processes, working and storage areas and equipment:
    - single stream (mixed) recyclable waste receipt and temporary storage area;
    - leaf and yard waste receipt and temporary storage area;
    - single stream (mixed) recyclable waste processing area with processing limited to mechanical sorting and baling or compaction into a trailer) area;
    - woodwaste receipt, temporary storage and processing (chipping) area;
    - solid non-hazardous waste destined for final disposal receipt and temporary storage area and loading area;
    - single category (clean load) recyclable waste receipt, temporary storage and baling or compaction into a trailer area;
    - bales temporary storage area;
    - residual waste storage area;
    - loading dock area; and
  - o new processes, working and storage areas and equipment:
    - CORE<sup>R</sup> Organics Processing Facility, including solid organic waste tipping floor, one (1) waste feed hopper, two (2) bio-separators, one (1) residue press, one (1) Complementary Organic Liquids tank and three (3) Engineered Bioslurry Product tanks and bin and tote washing and storage area;
- the following outdoor processes, working and storage areas and equipment:
  - two (2) weigh scales;
  - clean bins storage area;
  - loading area; and
  - public drop bin for solid non-hazardous waste and mixed recyclable waste.

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

**"Adverse Effect"** has the same meaning as defined in the EPA;

**"Air Treatment System"** means the air pollution control approved under the Air/Noise Approval;

**"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;

**"Approval"** means this entire Environmental Compliance Approval and any Schedules attached to it;

**"Building"** means the fully enclosed building to carry out all waste management activities approved under this Approval;

**"COL Waste"** means Complementary Organic Liquids Waste. It also means incoming liquid Organic Waste approved for receipt at the Site;

**"CORE<sup>R</sup> Organics Processing Facility Building"** means the fully enclosed building, consisting of the receiving hall, processing hall, and air treatment hall, located at the Site where the Organic Waste is received, temporarily stored and processed, prior to transfer to an off-Site anaerobic digestion facility, and also means the Process Building as defined in the Air/Noise Approval Approval;

**"Director"** means a person appointed by the Minister pursuant to section 5 of the EPA for the purposes of Part II.1 of the EPA;

**"District Manager"** means the District Manager of the appropriate local district office of the Ministry, where the Site is geographically located;

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

**"EBS Waste"** means Engineered Bioslurry Product Waste. It also means outgoing processed organic Waste destined for transfer to an off-site anaerobic digestion facility;

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

**"Exempted Facility"** means a facility exempted under an applicable exemption in Regulation 347 from the requirement for an environmental compliance approval for waste management activities set out in section 27 of the EPA;

**"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"** has the same meaning as defined in Section 131 of the EPA;

**"FOG Waste"** means fats, oils and grease waste. It also means incoming liquid organic Waste approved for receipt at the Site;

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

**"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;

"**m<sup>2</sup>**" means square metres;

"**m<sup>3</sup>**" means cubic metres;

"**Malfunction**" means any sudden, unplanned, infrequent and not reasonably preventable failure of the equipment associated with maintaining or monitoring negative pressure and/or negative air balance in the CORE<sup>R</sup> Organics Processing Facility Building, excluding failures that may be caused in part by poor maintenance or negligent operation or failure of the equipment associated with any Organic Waste processing/treatment resulting in non-compliance with the requirements of this Approval;

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

"**Minister**" means the Minister of the Ministry or such other member of the Executive Council as may be assigned the administration of the EPA and OWRA under the *Executive Council Act*, R.S.O. 1990, c. E.25;

"**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;

"**NASM1 Criteria**" means the maximum metal concentrations set out in column 2 of Table 1 of Schedule 5 of O. Regulation 267/03 for liquids and column 3 of Table 1 of Schedule 5 of O. Regulation 267/03 for solids;

"**NASM2 Criteria**" means the maximum metal concentrations set out in column 2 of Table 2 of Schedule 5 of O. Regulation 267/03 for liquids and column 3 of Table 2 of Schedule 5 of O. Regulation 267/03 for solids;

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

"**non-Organic Waste**" means non-organic waste that is not derived from plants or animals, is not biodegradable and is not suitable for microbial biodegradation. Non-Organic Waste is limited to solid non-hazardous waste destined for Final Disposal, approved types of the construction and demolition waste and the Recyclable Waste;

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

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

"**Off-Farm Anaerobic Digestion Materials**" is as defined in O. Regulation 267/03 and Regulation 347, and within the context of this Approval it means the Organic Waste to be processed at the Site and destined for the anaerobic digestion off-Site;

**"Operator"** means any person, other than the Owner's employees, authorized by the Owner as having the charge, management or control of any aspect of the site;

**"Organic Waste"** means solid and liquid non-hazardous organic waste derived from plants or animals, readily biodegradable and suitable for microbial biodegradation conducted under anaerobic conditions, and as further described in Condition 3.1 of this Approval. Solid Organic Waste means a municipal waste as defined in Regulation 347. Liquid Organic Waste means a liquid waste as defined in Regulation 347;

**"Owner"** means any person that is responsible for the establishment or operation of the Site being approved by this Approval, and includes Waste Management of Canada Corporation, its successors and assigns;

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

**"PA"** means the *Pesticides Act*, R.S.O. (1990 ), c. P.11;

**"Processed Organic Waste"** has the same meaning as defined in Regulation 347;

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

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

**"Recyclable Waste"** within the context of this Approval, means one of the following:

- a. a dedicated load of Blue Box Waste and/or Waste set out in Schedule 2 to O. Regulation 101/94 and/or any other Waste which has been source-separated for the purposes of resource recovery and diversion from Final Disposal to beneficial uses to meet a realistic market demand; or
- b. a material that is a resource recovered from collected products and packaging or from other sources, for designated materials that have resource recovery targets prescribed in regulations under the Resource Recovery Circular Economy Act and that is managed in accordance with such regulations, once an applicable regulation is enacted for the purpose of regulating a particular resource;

Recyclable Waste excludes residues generated in Ontario from waste management activities for recovery of materials for beneficial reuse and/or use in re-manufacturing sector and which cannot be diverted from Final Disposal;

**"Regulation 347"** means Regulation 347, R.R.O. 1990, General - Waste Management, made under the

EPA;

**"Rejected Waste"** means the incoming load inadvertently received at the Site and deemed by the Owner to be waste that does not meet the incoming Waste quality criteria set out in this Approval or that cannot be processed;

**"Residual Waste"** means waste resulting from waste management activities at the Site and destined for further management at an approved off-Site location or Final Disposal;

**"Resource Recovery and Circular Economy Act"** means the *Resource Recovery and Circular Economy Act*, 2016, S.O. 2016, c. 12, Sched. 1;

**"RMAD"** means regulated mixed anaerobic digestion facility regulated under O. Regulation 267/03;

**"Sampling and Analysis Protocol"** means the document entitled "Sampling and Analysis Protocol for Ontario Regulation 267/03 made under the *Nutrient Management Act, 2002*", prepared by the Ministry of Agriculture, Food and Rural Affairs and the Ministry of the Environment, Conservation and Parks and dated July 1, 2021;

**"Sensitive Receptor"** means any location where routine or normal activities occurring at reasonably expected times would experience adverse effect(s) from odour discharges from the Site, including one or a combination of:

- a. commercial areas where there are continuous human activities (e.g.: commercial plazas and office buildings);
- b. institutional facilities (e.g.: schools, churches, community centres, day care centres, recreational centres, etc.),
- c. outdoor public recreational areas (e.g.: trailer parks, play grounds, picnic areas, etc.), and
- d. private residences or public facilities where people sleep (e.g.: single and multi-unit dwellings, nursing homes, hospitals, trailer parks, camping grounds, etc.);

**"Site"** means the Processing Facility and the Transfer Site located at 260 New Toronto Street, in the City of Toronto, Ontario;

**"Spill"** has the same meaning as defined in the EPA;

**"SSO"** means the source separated Organic Waste which consists of the Organic Waste suitable for anaerobic digestion, which has been separated at its source of origin by the generator of the waste and including the bags used by the generator to encase the Organic Waste at the source of generation;

**"Single Stream (mixed) Recyclable Waste"** means single stream (mixed) recyclable waste approved for receipt and temporary storage at the Site and destined for processing at the Site with processing limited to mechanical sorting and baling or compaction into a trailer;

**"Single Category (clean load) Recyclable Waste"** means single category (clean load) recyclable waste approved for receipt and temporary storage at the Site, and destined for baling or compaction into a

trailer;

**"Supporting Documentation"** means the documents listed in Schedule 1 of this Approval;

**"Trained Personnel"** means an employee trained in accordance with the requirements of Condition 11.2 and is knowledgeable through instruction and/or practice and able to carry out any necessary duties;

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

**"Waste"** within the context of this Approval, the incoming approved waste types listed in Condition 3.1 and/or the waste in-process and/or the processed waste; and

**"Woodwaste"** has the same meaning as defined in Regulation 347.

*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

#### 1.1 Compliance

- (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.

#### 1.2 Build, etc. in Accordance / Construction

- (1) Except as otherwise provided by this Approval, the Site shall be established, used, operated, maintained and monitored in accordance with the supporting documentation listed in the attached Schedule 1.
- (2) The changes to the Site proposed in the application for the amendment of this Approval and its Supporting Documentation listed as Items #22 through #34, shall be constructed and the required equipment shall be installed and must commence operation within five (5) years of issuance of this Approval, after which time the Approval ceases to apply in respect of any

portions of the Site not in operation. In the event that the construction, installation and/or operation of any portion of the Site is anticipated to be delayed beyond the time period stipulated, the Owner and/or Operator shall submit to the Director an application to amend the Approval to extend this time period, at least six (6) months prior to the end of the period. The amendment application shall include the reason(s) for the delay and whether there is any design change(s).

### **1.3 As-built Drawings**

- (1) A set of as-built drawings, certified by a professional engineer and showing the design of the Site, shall be kept at the Site at all times.

### **1.4 Interpretation**

- (1) 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.
- (2) Where there is a conflict between the application and a provision in any documents listed in Schedule 1, 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.
- (3) Where there is a conflict between any two documents listed in Schedule 1, other than the application, the document bearing the most recent date shall take precedence.
- (4) The requirements of this Approval are severable. If any requirement of this Approval, or the application of any requirement of this Approval to any circumstance, is held invalid or unenforceable, the application of such requirement to other circumstances and the remainder of this Approval shall not be affected thereby.

### **1.5 Other Legal Obligations**

- (1) 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 to furnish any further information related to compliance with this Approval.
- (2) Despite an Owner 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.



## **1.6 Adverse Effect**

- (1) The Site shall be constructed, operated and maintained in a manner which ensures the health and safety of all persons and prevents generation of negative environmental impacts including but not limited to dust, odours, vectors, pests, birds, litter, vibration, noise and any other negative environmental effects that may cause an Adverse Effect.
- (2) If at any time dust, odours, vectors, pests, birds, litter, vibration, noise or other such negative environmental effects are generated at the Site and cause an Adverse Effect, the Owner shall take immediate and appropriate remedial action(s) that is/are necessary to alleviate the Adverse Effect, including suspension of all waste management activities and removal of waste from the Site, if necessary.
- (3) The Owner shall take steps to minimize and ameliorate any Adverse Effect on the natural environment or impairment of water quality resulting from the approved operations at the Site, including such steps as accelerated or additional monitoring as may be necessary to determine the nature and extent of the effect or impairment.

## **1.7 Change of Owner**

- (1) The Owner shall notify the Director in writing, and forward a copy of the notification to the District Manager, within thirty (30) days of the occurrence of any change in:
  - a. the ownership of the Site;
  - b. the operator of the Site;
  - c. the address of the Owner;
  - d. the partners, where the Owner 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, as amended, shall be included in the notification; or
  - e. the name of the corporation where the Owner is or at any time becomes a corporation, other than a municipal corporation, and a copy of the most current information filed under the *Corporations Information Act*, R.S.O. 1990, c. C.39, as amended, shall be included in the notification.
- (2) 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. In the event of any change in ownership of the Site, 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.

## **1.8 Inspections by the Ministry**

- (1) No person shall hinder or obstruct a Provincial Officer from carrying out any and all inspections authorized by the OWRA, the EPA, the PA, the SDWA or the NMA of any place to which this Approval relates, and without limiting the foregoing:
  - a. to enter upon the premises where the approved processing is undertaken, or the location where the records required by the conditions of this Approval are kept;
  - b. to have access to, inspect, and copy any records required to be kept by the conditions of this Approval;
  - c. to inspect the Site, related equipment and appurtenances;
  - d. to inspect the practices, procedures, or operations required by the conditions of this Approval;
  - e. to conduct interviews with staff, contractors, agents and assignees of the Owner; and
  - f. to sample and monitor for the purposes of assessing compliance with the terms and conditions of this Approval or the EPA, the OWRA, the PA, the SDWA or the NMA.

## **1.9 Information and Record Retention**

- (1) Any information requested by the Ministry, concerning the operation of the Site and its operation under this Approval, including but not limited to any records required to be kept by this Approval shall, upon request, be provided to the Ministry in a timely manner and in a format specified by the Ministry. All records shall be retained for two (2) years except as otherwise authorized in writing by the Director.
- (2) 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.
- (3) The Owner shall ensure that a copy of this Approval, in its entirety and including all its Notices of Amendment, and the documentation listed in Schedule 1, are retained at the Owner's office at all times.

## **1.10 Financial Assurance**

- (1) The Owner shall maintain the existing Financial Assurance in the amount of \$381,681.00. and within the thirty (30) days from this Approval submit an additional Financial Assurance in the amount of \$330,655.60, to a total Financial Assurance in the amount of \$712,336.60. This Financial Assurance shall be in a form acceptable to the Director and shall provide sufficient funds for the analysis, transportation, Site clean-up, monitoring and disposal of all quantities of waste on the Site at any one time.
- (2) Commencing on June 30, 2030, and at intervals of five (5) years thereafter, the Owner shall submit to the Director, a re-evaluation of the amount of Financial Assurance to implement the actions required under Condition 1.10(1). The re-evaluation shall include an assessment based on any new information relating to the environmental conditions of the Site and shall include the costs of additional monitoring and/or implementation of contingency plans required by the Director upon review of the closure plan and annual reports. The Financial Assurance must be submitted to the Director within ten (10) days of written acceptance of the re-evaluation by the Director.
- (3) 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 sixty (60) days before the Financial Assurance terminates, the Financial Assurance shall forthwith be replaced by cash.

## **1.11 Other Approvals**

- (1) 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.
- (2) The Owner shall ensure that the Site is not operated unless all approvals the activities set out in Section 53 of the OWRA, where applicable, have been obtained.

## **2.0 SIGNS and SITE SECURITY**

### **2.1 Signs**

- (1) A sign shall be posted and maintained at the main entrance/exit to the Site displaying in a manner that is clear and legible from the public roadway bordering the Site.
- (2) The sign shall contain the following information:
  - a. the name of the Site and Owner;
  - b. the number of this Approval;
  - c. the normal hours of operation;
  - d. the allowable and prohibited waste types;

- e. a telephone number to which complaints may be directed;
- f. a twenty-four (24) hour emergency telephone number (if different from above); and
- g. a warning against dumping outside the Site.

## **2.2 Security**

- (1) The Owner shall ensure that the Site is secured to prevent unauthorized access. The Owner shall maintain the Site fencing as shown in the most recently approved version of the Site Plan as found in Schedule 1 of this Approval.
- (2) The gates shall be closed and locked whenever Trained Personnel are not present to operate the Site.

## **3.0 SERVICE AREA, APPROVED WASTE TYPES and MATERIALS and WASTE LIMITS**

### **3.1 Service Area and Approved Waste Types**

- (1) The Site is approved to receive the approved Waste originating in the Province of Ontario.
- (2) At the CORE<sup>R</sup> Facility, the Owner is approved to receive the following Organic Waste types:
  - a. Organic Waste from the following sources:
    - i. bakeries;
    - ii. confectionary processing facilities;
    - iii. dairies and facilities that process dairy products;
    - iv. fruit and vegetable processing facilities;
    - v. cereal and grain processing facilities;
    - vi. oil seed processing facilities;
    - vii. snack food processing facilities;
    - viii. snack food manufacturing facilities;
    - ix. breweries and distillers grain;
    - x. wineries;
    - xi. beverage manufacturing facilities;
    - xii. food processing facilities;
    - xiii. grocery stores;
    - xiv. food distribution companies;
    - xv. milling facilities; and
    - xvi. fruit and vegetable packing facilities;
  - b. SSO from the institutional generators including restaurants, hospitals, long-term homes and schools.

- (3) Liquid Organic Waste is limited to COL Waste.
- (4) COL Waste is limited to waste juices, waste liquids or sludges, and FOG Waste from cafeterias, restaurants, hotels, food establishments, food processing and manufacturing facilities.
- (5) The incoming Organic Waste may contain non-biodegradable contaminant materials inherent within the SSO and food packaging that are can be removed through the approved processing of the Organic Waste at the Site.

### **Processing/Transfer Facility**

- (6) At the Transfer/Processing Facility, the Owner is approved to the receive the following Waste types from IC&I and residential (domestic) sources:
  - a. solid non-hazardous non-Organic Waste destined for Final Disposal;
  - b. solid non-hazardous waste including the following Waste types destined for further processing at the Transfer/Processing Facility or off-Site;
    - i. Woodwaste;
    - ii. Leaf and Yard Waste;
    - iii. Recyclable Waste, including Single Source (mixed) Recyclable Waste and Single Category (clean load) Recyclable Waste;
    - iv. non-Organic Waste limited to construction and demolition waste from domestic (residential) and IC&I sources destined for further processing or Final Disposal.
- (7) Single Source (mixed) Recyclable Waste includes FE, HDPE, PET, AL and OCC Wastes, which are defined as follows:
  - a. FE Waste may include steel recyclable items such as cans, tins, cups and cutlery;
  - b. High Density Polyethylene (HDPE) Waste may include plastic #2 materials;
  - c. Polyethylene Terephthalate (PET) Waste may include bottles and containers;
  - d. AL Waste will consist of other aluminum recyclable materials; and
  - e. Old Corrugated Containers (OCC) Waste will include fibre and mixed paper materials.

### **3.2 Prohibited Waste Types**

- (1) The Site is not approved to receive the following waste types:
- a. any waste that is classified as liquid industrial or hazardous waste in accordance with Regulation 347;
  - b. any non-hazardous animal carcasses, including deadstock as defined in O. Regulation 105/09: Disposal of Deadstock under the *Food Safety and Quality Act*, 2001, S.O. 2001, c.20;
  - c. any waste that is classified as "Specified Risk Materials" which has the same meaning as in section 6.1 of the *Health of Animals Regulations* (C.R.C., c. 296), made under the *Health of Animals Act* (S.C. 1990, c. 21), as amended;
  - d. any untreated septage as defined in O. Regulation 267/03 or hauled sewage as defined in Regulation 347;
  - e. any sewage sludge, which within the context of this Approval means the organic materials resulting from treatment of sewage up-to the anaerobic digestion processing step at sewage works, where the sewage works is subject to the requirements under the OWRA and,
    - i. means any works for the collection, transmission, treatment and disposal of sewage or any part of such works, but does not include plumbing to which the *Building Code Act*, 1992 applies; and
    - ii. is owned by a municipality or is privately-owned;
    - iii. is owned by the Crown or the Ontario Clean Water Agency, subject to an agreement with a municipality under the OWRA;
    - iv. receives only waste similar in character to the residential (domestic) sewage from a household; or
    - v. receives only waste similar in character to the sewage containing human pathogens, including toilet or other bathroom waste;
  - f. any biosolids, which within the context of this Approval mean the organic materials resulting from treatment of sewage, including the anaerobic digestion processing step at sewage works;
  - g. SSO from the residential (domestic) curbside collection programs operated by a municipality or on behalf of a municipality;
  - h. dedicated loads of soiled diapers, soiled incontinence products, soiled sanitary products and pet waste from the IC&I sources;
  - i. any liquid IC&I waste that does not meet the definition of the Organic Waste;
  - j. any SSO that contains or is suspected of containing plant or animal products or by-products taken from aircraft, passengers and/or crew of the aircraft arriving in Ontario; and
  - k. any SSO that contains or is suspected of containing plant or animal products or by-products

taken from a vessel, passengers and/or crew of vessels arriving in Ontario.

- (3) Despite provision of Condition 3.1(1), any waste that has been generated or has been previously transferred to any facility in the Province of Ontario from outside of the Province Ontario is prohibited from being accepted at the Site.
- (4) As proposed out in the Supporting Documentation, the following waste types are no longer approved for receipt at the Site:
  - a. excess soil as defined in Regulation 347;
  - b. liquid industrial waste with waste classes 221L, 222L, 251L, 252L, 253L, 254L and 146L; and
  - c. non-hazardous sludges with waste classes 221L, 222L, 251L, 252L, 253L, 254L and 146L.

### **3.4 Waste Limits**

- (1) The Site is approved to receive the following total Waste amounts on a daily basis:
  - a. up-to 3,350 tonnes of solid Waste per day; and
  - b. up-to 50 m<sup>3</sup> of liquid Waste per day.
- (2) The Site is approved to receive the following total Waste amounts on an annual basis:
  - a. up-to 1,222,77 tonnes of solid Waste per year; and
  - b. up-to 18,250 m<sup>3</sup> of liquid Waste per year.
- (3) The approved Waste daily receipt rates are limited as follows:
  - a. up-to 1,000 tonnes per day of solid non-hazardous Waste for Final Disposal;
  - b. up-to 650 tonnes per day of Single Category (clean load) Recyclable Waste, including cardboard, wood, metal, etc. and including Leaf and Yard Waste and Woodwaste;
  - c. 1,300 tonnes per day of Single Stream (mixed) Recyclable Waste;
  - d. up-to 400 tonnes per day of solid Organic Waste; and
  - e. up-to 50,000 litres per day of COL Waste.
- (4) The approved Waste annual receipt rates are limited as follows:
  - a. up-to 365,000 tonnes per year of solid non-hazardous Waste for Final Disposal;

- b. up-to 237,250 tonnes per year of Single Category (clean load) Recyclable Waste, including cardboard, wood, metal, etc. and including Leaf and Yard Waste and Woodwaste;
  - c. up-to 474,500 tonnes per year of Single Stream (mixed) Recyclable Waste, including FE, HDPE, PET, AL and OCC waste materials;
  - d. up-to 65,540 tonnes per year of solid Organic Waste; and
  - e. up-to 18,250 m<sup>3</sup> per year of COL Waste.
- (5) Within three (3) months from the date of this Approval, the Owner shall develop and start using an electronic tracking system to determine the running totals of the incoming Waste types amounts approved in this Approval.
- (6) In the event that received Waste cannot be processed or transferred from the Site or the Waste and the processed Waste cannot be removed from the Site in accordance with this Approval and the Site is at its approved storage capacity, the Owner shall cease accepting additional Waste until additional receipt results in compliance with the Waste storage limitations set out in this Approval.

## **4.0 SITE OPERATIONS**

### **4.1 Operating Hours**

- (1) The Site is approved to receive, manage and ship waste from the Site, 24 hours per day, seven days per week, subject to the following limitations:
- a. The Owner shall receive the incoming Waste at the Site, and ship the Waste, including the processed Waste from the Site as follows:
    - i. 90% of the overall truck traffic between the hours of 5:00 a.m. and 9:00 p.m. Monday through Sunday; and
    - ii. 10% of the overall of truck traffic between the hours of 11:00 p.m. and 7:00 a.m. Monday through Sunday.
- (2) A minimum of three (3) months prior to the first receipt of the Organic Waste at the Site, the Owner shall develop and start using an electronic tracking system to confirm compliance with the truck traffic restrictions set out in Condition 4.1(1)a.
- (3) Despite provisions of Condition 4.1(1), above, the Owner shall ensure that the operating hours of the Site comply with all applicable municipal by-laws or other municipal restrictions.

### **4.2 Approved Waste Management Activities**



## **Transfer/Processing Facility**

- (1) The following waste management activities at the Transfer/Processing Facility are approved under this Approval:
- a. receipt of the following solid non-hazardous Waste:
    - i. solid non-hazardous non-Organic Waste for Final Disposal;
    - ii. Single Category (clean load) Recyclable Waste for further processing off-Site;
    - iii. Single Stream (mixed) Recyclable Waste for processing at the Transfer/Processing Facility;
    - iv. Woodwaste for processing (chipping) at the Transfer/Processing Facility;
    - v. Leaf and Yard Waste for further processing off-Site;
  - b. temporary storage of the incoming Waste as further described in Condition 4.5;
  - c. transfer of the solid non-hazardous Waste destined for Final Disposal;
  - d. processing (sorting) of Single Stream (mixed) Recyclable Waste to separate different Waste types and baling or compaction into a trailer and transfer off-Site for further processing at an approved waste disposal site or at an Exempted Facility for re-use in an ongoing commercial, manufacturing or industrial process or operation;
  - e. baling of Single Category (clean load) of Recyclable Waste or compaction into a trailer and transfer off-Site for further processing at an approved waste disposal site or at an Exempted Facility for re-use in an ongoing commercial, manufacturing or industrial process or operation;
  - f. processing (chipping) of Woodwaste for further processing at an approved waste disposal site and/or beneficial use and transfer off-Site;
  - g. transfer of Leaf and Yard Waste for further processing (aerobic biodegradation and/or composting) at an approved waste disposal site or at an Exempted Facility;
  - h. bulking of the Residual Waste from processing of solid Waste at the Transfer/Processing Facility with solid non-hazardous Waste destined for Final Disposal and transfer off-Site;
  - i. bulking of the Residual Waste from processing of the Organic Waste processing at the CORE<sup>R</sup> Organics Processing Facility with solid non-hazardous Waste destined for Final Disposal and transfer off-Site.

## **CORe<sup>R</sup> Organics Processing Facility**

- (2) The following waste management activities at the CORe<sup>R</sup> Organics Processing Facility are approved under this Approval:
- a. receipt and temporary storage of Organic Waste;
  - b. pre-treatment to remove non-biodegradable constituents of the Organic Waste and produce the EBS Waste;
  - c. temporary storage in three (3) EBS Waste tanks; and
  - d. transfer of the EBS Waste to an off-site anaerobic digestion facility.

### **4.3 Incoming Waste Receipt**

- (1) The Owner shall only accept Waste that has been transported to the Site by haulers approved by the Ministry, or registered on the EASR, as required.
- (2) At the weigh scale, the Trained Personnel shall inspect any required Waste characterization documentation or documentation proving the source of the Waste, for all incoming Waste loads to ensure that only Waste that is approved under this Approval is received at the Site.
- (3) The incoming Organic Waste that has not been characterized in accordance with this Approval or that is not accompanied by the required documentation shall not be accepted at the Site and shall immediately be directed off-Site.
- (4) The Owner shall establish and implement Waste screening and tracking system for all Waste received, processed, stored at and transferred from the Site.
- (5) Where possible, the Owner shall visually inspect all incoming Waste loads prior to unloading to confirm that only Waste that is approved under this Approval is accepted at the Site.
- (6) The Trained Personnel shall direct the truck driver to the designated Waste unloading area.
- (7) Upon arriving at the Site, the incoming Waste shall be forthwith unloaded within the confines of the Building.
- (8) Upon unloading of the incoming solid Waste, the Owner shall visually inspect all incoming solid Waste for acceptability at the Site.
- (9) All waste management of the incoming Waste at the Site shall be undertaken indoors, within the confines of the Building.
- (10) The Owner shall ensure that all incoming Organic Waste that is received at the Site and handled

in accordance with this Approval, is used as the feedstock to produce the EBS Waste.

#### **4.4 Rejected Waste Handling**

- (1) In the event that a load of solid waste that does not meet the quality criteria from this Approval is inadvertently accepted in the Site, the Owner shall ensure that this Rejected Waste:
  - a. is handled and removed from the Site in accordance with Regulation 347 and the EPA;
  - b. is separated from the Waste approved for receipt;
  - c. is stored within the confines of the Building at all times; and
  - d. is removed from the Site within forty eight (48) hours of its receipt or as acceptable to the District Manager.
- (2) In the event that a load of liquid waste that does not meet the quality criteria from this Approval is inadvertently accepted at the Site and is mixed with the approved Organic Waste in the COL Waste tank, the content of the tank shall be considered the Rejected Waste and the Owner shall ensure that this Rejected Waste is handled and removed from the Site in accordance with the contingency measures as required in Condition 12.0 of this Approval.
- (3) Despite provisions of Condition 4.4(2), the liquid Rejected Waste shall be removed from the Site in accordance with Regulation 347 and the EPA.

#### **Tracking and District Office Notification**

- (4) In the event of the receipt of the Rejected Waste, a record shall be made in the daily log book or in an electronic file of the reason why the waste is being refused and of the origin of the waste.
- (5) District Manager shall be notified in writing of the receipt of the Rejected Waste within three (3) business days.
- (6) The following information shall be included in the notification to the District Manager:
  - a. quantity and type of the waste;
  - b. source of the waste;
  - c. reason why the waste was refused;
  - d. final destination of the Rejected Waste, if known; and
  - e. time and date of receipt and time and date of removal from the Site.

#### **4.5 Storage**

##### **Transfer/Processing Facility**

- (1) A maximum of 3,350 tonnes of the unprocessed solid Waste, processed solid Waste and the Residual Waste is approved for temporary storage at the Transfer/Processing Facility, at any one

time, and it shall not exceed the following categories:

- a. a maximum of 1,000 tonnes of solid non-hazardous Waste and the Residual Waste for Final Disposal;
- b. a maximum of 650 tonnes of Single Category (clean load) Recyclable Waste, including cardboard, Woodwaste, metal, Leaf and Yard Waste, etc.
- c. a maximum of 1,300 tonnes of Single Stream (mixed) Recyclable Waste;

(2) The following maximum storage durations of solid non-hazardous Waste are approved:

- a. a maximum storage duration of solid non-hazardous Waste for Final Disposal shall not exceed seventy two (72) hours from the time of its receipt at the Transfer/Processing Facility as proposed in the Supporting Documentation;
- b. a maximum storage duration of Single Category (clean load) Recyclable Waste for further processing off-Site shall not exceed seventy two (72) hours from the time of its receipt at the Transfer/Processing Facility as proposed in the Supporting Documentation; and
- c. a maximum storage duration of Single Stream (mixed) Recyclable Waste and the Woodwaste for processing at the Site shall not exceed seventy two (72) hours from the time of its receipt at the Transfer/Processing Facility.

(3) All solid Waste destined for processing and/or transfer shall be managed within the designated areas of the Transfer/Processing Facility as described in the Supporting Documentation

(4) Storage of the solid Residual Waste at the Transfer/Processing Facility is subject to the following limitations:

- a. solid Residual Waste shall be temporarily stored one (1) trailer located within the confines of the Transfer/Processing Facility, at all times; and
- b. the Residual Waste shall be transferred from the Transfer/Processing Facility to an approved waste disposal site as soon as its transfer trailer is filled to its holding capacity.

(5) Waste and the processed Waste stockpiles shall be separated based on the type, quality and the final destination/proposed use.

### **COR<sup>e</sup> Organics Processing Facility**

(6) The Owner is approved to store the incoming solid Organic Waste at the COR<sup>e</sup> Organics Processing Facility and as follows:

- a. No more than 950 tonnes of the bulk Organic Waste shall be temporarily stored on organics

tipping floor with an area of 476 m<sup>2</sup>;

- b. putrescible Organic Waste arriving at the Site in bins and totes shall be transferred to and emptied into the feed hopper upon arrival at the Site; and
- c. non-putrescible Organic Waste arriving at the Site in bins and totes or as packaged Organic Waste may be stored in the original containers until more putrescible or odourous Organic Waste has been processed.

(7) The Owner is approved to store the incoming liquid Organic Waste as follows:

- a. No more than 50 m<sup>3</sup> of the COL Waste shall be temporarily stored in one (1) indoor COL Tank, at any one time.

(8) The Owner is approved to store the the processed Organic Waste at the Site as follows:

- a. no more than 50 m<sup>3</sup> of EBS Waste shall be stored in each of three (3) EBS Waste tanks, at any one time.

### **Tanks**

(9) The Owner shall ensure that sufficient storage capacity is available in the storage tanks prior to loading of the liquids into the tanks.

(10) The Owner shall,

- a. equip all storage tanks with a liquid level monitoring device;
- b. monitor and control the liquid levels in the liquid Waste storage tanks on a continuous basis to ensure that the design storage capacity available within the tanks is not exceeded; and
- c. ensure that the high level alarms are operational at all times.

(11) A provision for an auditory alarm at the Site and a remote alarm to the dedicated Trained Personnel, when the high level setpoint in all storage tanks is reached, shall be provided and be in place prior to the first receipt of the Organic Waste at the Site.

(12) Should the high level setpoint in any storage/processing tank be reached, an auditory alarm at the Site and a remote alarm to the dedicated Trained Personnel shall be triggered.

### **Spill Containment**

(13) The Owner shall ensure that the floor design, the floor drains and the catchment area in the area for the one (1) COL Waste tank and the three (3) EBS Waste tanks in the CORE<sup>R</sup> Organics Processing Facility Building are designed in accordance with the Supporting Documentation to accommodate containment of the volume of the largest tank plus 10% of the volume, to contain

any spilled liquid Waste within the CORE<sup>R</sup> Organics Processing Facility Building and to prevent any spilled Waste leaving the CORE<sup>R</sup> Organics Processing Facility Building.

- (14) The loading/unloading areas to transfer of liquid Wastes into and from the storage tanks shall be indoors and be constructed as set out in the Supporting Documentation.
- (15) The Owner shall keep spill containment equipment and materials near the liquid Waste storage tanks to quickly contain all spills.
- (16) The Owner shall ensure that a drip tray is placed under cam-lock connection when the liquids are being unloaded from or loaded into the tanker trucks.

#### **On-Site Generated Organic Waste**

- (17) Solid putrescible waste generated through activities not relating to the handling and processing of the approved Waste at the Site (ie. office, lunch room, etc.) shall be handled in a manner that does not create an Adverse Effect and in accordance with the requirements of Regulation 347.

#### **Waste Storage Limitations**

- (18) No overnight storage of incoming Waste in its transportation vehicle is approved under this Approval.
- (19) In the event that the 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.

#### **Outdoor Storage**

- (20) Outdoor storage of waste is not permitted at this Site except for a single 40-cubic yard bin for public waste drop-off located outside to the east of the Loading Dock Area.

### **4.6 Waste Processing at the Transfer/Processing Facility**

- (1) Waste processing at the Transfer/Processing Facility shall be carried out in accordance with the Supporting Documentation.

### **4.7 Solid Organic Waste Processing**

- (1) All processing of solid Organic Waste shall be carried out in two (2) bio-separators located within the confines of the CORE<sup>R</sup> Organics Processing Facility Building.
- (2) The Owner shall ensure that effective local capture of odour emissions (source extraction) is in

place at all times when the processing of solid Organic Waste is being carried out.

- (3) The Owner shall ensure that all odours generated by the processing of solid Organic Waste area are discharged into the Air Treatment System.
- (4) Only COL Waste and clean potable water are approved for use in the bio-separators to produce the EBS Waste.

#### **4.8 Residual Waste Management and Disposal**

- (1) The Owner shall ensure that all Residual Waste generated at the Site are managed and disposed of in accordance with the EPA and Regulation 347 at a waste disposal site with an environmental compliance approval or at any other site approved/licensed to accept such waste by an appropriate government agency of equivalent jurisdiction).
- (2) The Owner shall ensure that the solid Residual Waste is segregated from all other waste, reagents and materials.
- (3) The Residual Waste generated from waste management activities at the Site, including the activities in the CORE<sup>R</sup> Organics Processing Facility, shall be regularly transferred from area of generation to the Transfer/Processing Facility for Final Disposal with the incoming solid non-hazardous Waste.
- (4) The amount of the Residual Waste stored at the CORE<sup>R</sup> Organics Processing Facility Building shall not exceed 10 tonnes at any one time.

##### **Transfer/Processing Facility**

- (5) The Owner shall ensure that any Residual Waste generated at the Transfer/Processing Facility that is found to be odorous and/or putrescible is segregated and disposed of immediately or with the next load of outgoing Waste destined for Final Disposal.
- (6) Non-odorous and/or non-putrescible Residual Waste generated at the Transfer/Processing Facility may be stockpiled in the designated Residual Waste storage area as set out in the Supporting Documentation.
- (7) The Owner shall ensure that the non-odorous and/or non-putrescible Residual Waste generated at the Transfer/Processing Facility is disposed of as soon as its transfer trailer is filled to its holding capacity or as acceptable to the District Manager.

##### **CORE<sup>R</sup> Organics Processing Facility**

- (8) Solid Residual Waste from processing of the Organic Waste at the CORE<sup>R</sup> Organics Processing

Facility is subject to the following limitations:

- a. solid Residual Waste shall be de-watered in one (1) residue press located indoors within the confines of the CORE<sup>R</sup> Organics Processing Facility Building; and
  - b. the Residual Waste shall be continuously loaded into a transfer trailer as it is generated and transferred from the Site to an approved waste disposal site as soon as its transfer trailer is filled to its holding capacity;
- (9) Should the District Manager deem the storage duration of the Residual Waste from processing of the Organic Waste at the CORE<sup>R</sup> Organics Processing Facility from Condition 4.8(8) a. to be causing an off-Site odour impact, the Residual Waste shall be removed from the Site within seventy two (72) hours from the start of the transfer trailer loading or as directed by the District Manager.
- (10) Solid Residual Waste from management of the FOG Waste is subject to the following limitations:
- a. the Residual Waste generated from screening of the FOG Waste shall be stored in one (1) roll-off bin with a lid located in the designated location within the confines of the CORE<sup>R</sup> Organics Processing Facility Building as set out in the Supporting Documentation; and
  - b. the lid for the roll-off bin from Condition 4.8(10)a. shall be closed at all times that the Residual Waste is not loaded into the bin.
- (11) Should the District Manager deem the storage of the Residual Waste generated from screening of the FOG Waste from Condition 4.8(10) to be ineffective in containing odours and causing an off-Site odour impact, the Owner shall store the Residual Waste in a sealed container.

#### **4.9 Cross-Contamination Prevention**

- (1) The Owner shall ensure that the incoming Waste and the equipment used in handling of the incoming Waste are kept separate and do not come in contact with the processed Waste and tested Waste unless the equipment has been cleaned first, as required, to prevent cross-contamination.
- (2) The Waste handling equipment cleaning shall be as proposed in the supporting documentation in the attached Schedule 1.



#### **4.10 Wastewater Management**

- (1) The Owner shall ensure that all wastewater resulting from waste handling activities at the Site is contained and is managed in accordance with the requirements set out in any environmental compliance approvals issued for the activities listed in Section 53 of the OWRA and any other applicable legislation.
- (2) All floor drains in the Building and the outdoor catch basins shall be inspected/monitored and emptied on a regular basis, to prevent overflows or generation of fugitive odours.
- (3) A minimum of three (3) months prior to the first receipt of the Organic Waste at the Site, the Owner shall carry out dye testing in the outdoor catch basins to determine the corresponding outfall to ensure success for future containment should a Spill occur.

#### **4.11 Stormwater Management**

- (1) Stormwater from the Site shall be managed in accordance with an environmental compliance approval for activities set out in section 53 of the OWRA, as required.

#### **4.12 Prohibitions**

- (1) Burning of any wastes is prohibited at the Site.
- (2) Scavenging of any wastes is prohibited at the Site.
- (3) No outdoor storage of any wastes or materials is permitted at any time, except as approved in this Approval.
- (4) Receipt and management of waste types listed in Condition 3.3(4) is prohibited at the Site.

### **5.0 EQUIPMENT MAINTENANCE and SITE INSPECTIONS**

#### **5.1 Inspections**

- (1) The Owner shall maintain at the Site a comprehensive written inspection program which includes procedures for inspections of all aspects of the Site's operations including but not limited to the following:
  - a. waste or materials loading/unloading/storage/handling areas;
  - b. condition of all major pieces of the Site's equipment;
  - c. condition of all instruments for monitoring required under this Approval;

- d. security fence and property line;
  - e. presence of excessive fugitive dust emissions from the operation of the Site;
  - f. presence of the on and off-Site litter;
  - g. presence of off-Site odours; and
  - h. evidence of vermin, rodents or flies.
- (2) The inspection program shall be up-dated, as required, shall be retained at the Site and be made available for inspection by a Provincial Officer, upon request at any time.
- (3) The inspections required in Condition 5.1(1) shall be undertaken daily by Trained Personnel in accordance with the inspection program to ensure that all Site's 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.

## **5.2 Spare Parts**

- (1) 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 at any time.
- (2) 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.

## **5.3 Maintenance**

- (1) The Owner shall ensure that the Site's equipment is properly operated and maintained at all times.
- (2) The Owner shall prepare, not later than three (3) months after the date of this Approval, and update, as necessary, a written or electronic document outlining the operating procedures and a maintenance program for the equipment, including routine operating and maintenance procedures in accordance with good engineering practices and as recommended by the equipment suppliers.
- (3) The Owner shall implement the recommendations of the document referred to in Condition 5.3(2), above.
- (4) The Owner shall develop and implement a preventative maintenance program for all on-Site equipment associated with the processing and managing of wastes and control of fugitive odour and dust emissions.
- (5) 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 at any time.

## **6.0 WASTE QUALITY CRITERIA**

### **6.1 Use of Latest Data**

- (1) For the purpose of demonstrating compliance with the quality criteria set out in Conditions 6.2 through 6.4, the Owner shall use the most recent results of the required analysis.

### **6.2 Incoming Organic Waste Quality Criteria**

- (1) The Owner shall ensure that the incoming Organic Waste prior to processing, or after processing if contamination needs to be removed at the Site, does not exceed the NASM2 Criteria.

### **6.3 Outgoing EBS Waste Quality Criteria**

- (1) When the outgoing EBS Waste is destined for a mixed anaerobic digestion facility located at a site having an environmental compliance approval or a renewable energy approval, the outgoing EBS Waste shall comply with incoming feedstock quality criteria required by the conditions of the environmental compliance approval or the renewable energy approval for the receiving site and as required by the receiving site owner.
- (2) Notwithstanding provisions of Condition 6.3(1), when the receiving site's environmental compliance approval or a renewable energy approval requires the incoming feedstocks to comply with the NASM2 Criteria, the outgoing EBS Waste shall not exceed the NASM2 Criteria.
- (3) Notwithstanding provisions of Conditions 6.3(1) and 6.3(2), when the receiving site's environmental compliance approval or a renewable energy approval requires the incoming feedstocks to comply with the criteria for Off-Farm Anaerobic Digestion Materials or with the NASM1 Criteria, the outgoing EBS Waste shall not exceed the NASM1 Criteria.
- (4) When the outgoing EBS Waste is destined to be managed as a feedstock at a RMAD facility, the outgoing EBS Waste shall not exceed the NASM1 Criteria and shall also comply with any other quality criteria set out in section 98.4 of O. Regulation 267/03.
- (5) When no feedstock quality criteria are specified in an environmental compliance approval or a renewable energy approval or the anaerobic digestion facility is not regulated under the EPA or the NMA, the outgoing EBS Waste shall not exceed the NASM1 Criteria.

### **6.4 Residual Waste Quality Criteria**

- (1) Any Residual Waste to be transferred for further processing or Final Disposal shall meet the quality criteria required by the conditions of the environmental compliance approval for the site where it is to be transferred to and as required by the receiving site owner.

## **7.0 TESTING and MONITORING**

### **7.1 Sampling and Testing Methods**

- (1) When the EBS Waste is destined for anaerobic digestion off-Site, the collection and analysis of samples of the incoming Organic Waste and the EBS Waste shall be performed in accordance with the Sampling and Analysis Protocol.
- (2) When the EBS Waste is destined for anaerobic digestion off-Site, analysis of samples of the incoming Organic Wastes and the EBS Waste shall be performed by:
  - a. a laboratory that is accredited by the Ministry of Agriculture, Food and Rural Affairs for that purpose; or
  - b. a laboratory that is accredited in accordance with the International Standard ISO/IEC 17025 - General Requirement for the Competence of Testing and Calibration Laboratories, dated December 15, 1999, as amended from time to time.
- (3) When the EBS Waste is destined for anaerobic digestion off-Site, the Owner shall ensure a copy of the analysis sets out the metal concentration in each category of Waste in:
  - a. milligrams of metal per kilogram of total solids, dry weight, in case of the analysis of metals in materials that have a concentration of total solids of 10,000 milligrams or more per litre; and
  - b. milligrams of metal per litre, in the case of the analysis of regulated metals in materials that have a concentration of total solids of less than 10,000 milligrams per litre.

### **7.2 Characterization of Incoming Organic Waste**

- (1) The Owner shall ensure that prior to its first acceptance of a given new incoming Organic Waste, the incoming Organic Waste is characterized for metals during the 14-day period preceding its first-time receipt at the Site.
- (2) If the Owner relies on the published data for the well-studied/characterized incoming Organic Waste, the latest published information shall be used to confirm that the characteristics of the incoming Organic Waste to be received at the Site are in compliance with the incoming Organic Waste metals quality criteria required under this Approval.
- (3) If the published data is not available or used to confirm compliance of the incoming Organic Waste with the metal quality criteria from this Approval, the Owner shall ensure that analytical data from sampling and testing of the incoming Organic Waste is used to confirm compliance with the incoming Organic Waste metal quality criteria required under this Approval.
- (4) When sampling and testing of the incoming Organic Waste from Condition 7.2(3) is required, the

Owner shall ensure that,

- a. composite samples are collected as follows:
    - i. for liquids, at least one (1) composite sample composed of no less than five (5) sub-samples is collected, and
    - ii. for solids, at least one (1) composite sample composed of no less than ten (10) sub-samples is collected;
  - b. following initial sampling and testing of the Organic Waste, subsequent sampling and metal content analysis is conducted for every 1,000 m<sup>3</sup> of the given Organic Waste or once a year, whichever comes first, provided the said Organic Waste is of the same type and is from the same source; and
  - c. if after the first twelve (12) months of sampling and analysis the results are consistent and continuously below the prescribed limits, sampling and analysis is conducted for the given Organic Waste once a year or following any process changes, operational issues at the source or other factors that may affect the quality of the said Organic Waste from the source.
- (5) The Owner shall ensure that each sample of the incoming Organic Waste has been analysed for metal concentrations set out Condition 6.2 in accordance with the methods and sampling frequencies specified in this Approval.
- (6) If the initial testing or the subsequent testing required when the initial quality of the incoming Organic Waste has changed as set out in Condition 7.4(3)c., determines that the concentration of any metal in an incoming Organic Waste exceeds the maximum metal concentrations set out in Condition 6.2, the Owner shall reject the receipt of that Organic Waste.
- (7) In order to resume accepting a given Organic Waste following previous rejection, the Owner shall ensure that the analytical requirements listed in this Approval have been fulfilled and that two (2) independent composite samples of the said Organic Waste generate analytical results which, separately and consecutively, do not exceed the metal content limits set out in Condition 6.1.
- (8) When sampling and re-testing of the incoming Organic Waste from Condition 7.2(7) is required, the Owner shall ensure that the composite samples are collected as follows:
- a. for liquids, at least one (1) composite sample composed of no less than five (5) sub-samples is collected, and
  - b. for solids, at least one (1) composite sample composed of no less than ten (10) sub-samples is collected.
- (9) Should results of testing of the incoming Organic Waste for metals fail to meet the quality criteria specified in this Approval, the said Organic Waste shall be handled in accordance with

the Contingency and Emergency Response Plan.

### **7.3 Characterization of EBS Waste**

- (1) Any EBS Waste produced at the Site to be transferred to a waste disposal site or a renewable energy site for anaerobic digestion, shall comply with the incoming waste or the incoming feedstock testing requirements set out in the environmental compliance approval or the renewable energy approval for the site/facility and as required by the receiving site owner.
- (2) Notwithstanding provisions of Condition 7.3(1), when the EBS Waste is destined for a site that is required to comply with the metal concentrations requirements set out in Conditions 6.3(3) through 6.3(5), the Owner shall:
  - a. sample each of the first 5 loads to be transferred for compliance with the metal concentrations requirements from Conditions 6.3(3) through 6.3(5);
  - b. after demonstrating compliance of the first 5 loads from Condition 7.3(2)a. with the metal concentrations requirements, sample the next 5 loads, create a composite sample and test this sample for metal concentrations; and
  - c. after demonstrating compliance of the composite sample from Condition 7.3(2)b. with the metal concentrations requirements from Conditions 6.3(3) through 6.3(5), follow the requirements set out in section 98.5 in O. Regulation 267/03.
- (3) When producing the EBS Waste that requires compliance with the metals limits from Condition 6.3(3) through 6.3(5) in the EBS Waste producing system that produces different categories of the EBS Waste or in any shared EBS Tanks, the Owner shall,
  - a. flush the EBS Waste producing system, including any shared EBS Tanks, after producing or storing the EBS Waste that meets the metal concentration requirements set out in Condition 6.3(2); and
  - b. sample and test the first load of the EBS Waste required to meet the metal concentrations from Condition 6.3(3) through 6.3(5).
- (4) If the EBS Waste is known to have changed significantly, before producing the EBS Waste that requires compliance with the metals limits from Condition 6.3(3) through 6.3(5), the sampling and testing requirements set out in Condition 7.3(2) shall be repeated.
- (5) Despite provisions of Conditions 7.3(2) through 7.3(4), when the EBS Waste is destined for a RMAD location, the outgoing EBS Waste sampling and the testing shall also comply with the requirements of section 98.5.1 of O. Regulation 267/03.
- (6) To complete the testing requirements from Conditions 7.3(1) through 7.3(5), the Owner shall take representative samples of the EBS Waste from the EBS Waste Tanks outlets or from the outlet of

the the EBS Waste producing system, as appropriate.

## **END-USE of OUTPUTS**

### **8.1 End-use of the EBS Waste**

- (1) The EBS Waste produced at the Site shall be transferred only to one of the following types of the off-Site anaerobic digestion sites/facilities:
  - a. a waste disposal site approved to receive Organic Waste feedstocks approved in this Approval;
  - b. a renewable energy facility approved to receive Organic Waste feedstocks approved in this Approval; or
  - c. a RMAD, having a Nutrient Management Strategy that has been approved and is in force, to allow receipt and processing of Schedule 2B Off-Farm Anaerobic Digestion Materials, as set out in O. Regulation 267/03.

## **9.0 HOUSEKEEPING and NUISANCE/ ADVERSE EFFECT IMPACT CONTROL**

### **9.1 Housekeeping**

- (1) The Site shall be operated and maintained such that odour, dust, litter, noise, rodents, vermin or flies do not create a nuisance or an Adverse Effect.
- (2) The Owner shall implement necessary housekeeping procedures, including regular emptying out the indoor floor drains in the Building and the outdoor catch basins, and cleaning/washing of the tipping floors and floor storage areas, to eliminate potential sources of fugitive odour emissions.

### **9.2 Trucks and Traffic**

- (1) The Owner shall ensure that there is no queuing or parking of the waste trucks that are waiting to enter the Site on any roadway that is not a distinct part of the Site.
- (2) Upon receipt of the written notification from the District Manager, the Owner shall implement effective road cleaning procedures for the roads to and from the Site to minimize the impacts from the fugitive dust or waste leachate leaks from the truck traffic related to the Site operations.
- (3) The Owner shall ensure that all drivers of vehicles making deliveries and removing waste from to the Site are made aware of the protocols to manage opening and closing of the doors in the Building.
- (4) The Owner shall determine the Site access truck traffic routes and shall ensure that all drivers of

vehicles making deliveries and removing waste from to the Site are made aware of the traffic routes restrictions and requirements.

### **9.3 Litter**

- (1) The Owner shall pick up the litter at the Site, as required, to prevent its escape from the Site.

### **9.4 Rodents, Vectors, Vermin and Wildlife**

- (1) The Owner shall implement necessary housekeeping procedures to eliminate sources of attraction for rodents, pest, vermin, vectors and wildlife.
- (2) No later than three (3) months prior to the first receipt of the Organic Waste at the Site, the Owner shall prepare a comprehensive plan for control of rodents, pests, vermin, vectors and wildlife.
- (3) If necessary, the Owner shall hire a qualified, licensed professional to design and implement rodents, pests, vermin, vectors and wildlife control plan for the Site.

### **9.5 CORE<sup>R</sup> Organics Processing Facility Building Testing**

- (1) Prior to the receipt of the Organic Waste at the Site, the Owner shall test the CORE<sup>R</sup> Organics Processing Facility Building envelope to identify any unplanned leakage points in the CORE<sup>R</sup> Organics Processing Facility Building.
- (2) The testing shall be carried out by a licensed structural engineer in accordance with the test protocol that is in accordance with the appropriate industry standards and as required in the Air/Noise Approval.
- (3) The testing shall be repeated as directed or agreed by the District Manager.
- (4) The locations of the unplanned leakage points in the CORE<sup>R</sup> Organics Processing Facility Building shall be sealed/fixed prior to receipt of the Organic Waste at the Site.

## **10.0 COMPLAINT MANAGEMENT**

- (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 by phone during office hours or the Ministry's Spills Action Centre at 1-800-268-6060 after office hours. 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: Written Response - The Owner shall forward a formal reply to the complainant if known and to the District Manager 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 10.0(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, that may include the following actions:
    - i. the Owner may prohibit use of specific doors under some circumstances or atmospheric conditions;
    - ii. the Owner may increase the magnitude of the negative pressure to be maintained in the CORE<sup>R</sup> Organics Processing Facility Building;
    - iii. the Owner may increase the number of air exchanges in the areas suspected of causing fugitive odour emissions escaping from the CORE<sup>R</sup> Organics Processing Facility Building; and
    - iv. the Owner may retrofit the design of the ventilation system within the CORE<sup>R</sup> Organics Processing Facility Building to provide a more effective local capture of the odours from the odour sources within the CORE<sup>R</sup> Organics Processing Facility Building; and
  - e. further investigation of possible sources of fugitive air emissions from the Site as follows:
    - i. the Owner shall develop of a plan, prepared by a Professional Engineer, for assessment of other possible sources of fugitive air emissions originating from all Waste received and processed at the Site, but focusing on the Organic Waste received and processed at the CORE<sup>R</sup> Organics Processing Facility;
    - ii. the Owner shall conduct the assessment of other possible sources of fugitive air emissions, as directed or agreed by the District Manager as per the plan prepared in accordance with Condition 10.(3)e.i. of this Approval;

- iii. the Owner shall prepare and submit a report prepared by a Professional Engineer on the assessment of other possible sources of fugitive air emissions to the Director and the District Manager within two (2) months after completing the assessment of other possible sources of fugitive air emissions; and
- iv. implement the recommendations identified in the assessment of other possible sources of fugitive air emissions report within two (2) months after completing the assessment of other possible sources of fugitive air emissions or as directed or agreed by the District Manager.

## **11.0 OPERATIONS MANUAL and PERSONNEL TRAINING**

### **11.1 Operations Manual**

- (1) The Owner shall maintain an Operations Manual for the Site. As a minimum, the Operations Manual must contain the following:
  - a. outline of the responsibilities of the Site personnel;
  - b. personnel training protocols;
  - c. Site operating procedures including but not limited to, waste receiving, unloading/loading, screening, handling and storage and processing;
  - d. sampling, testing, monitoring and recording procedures as required by this Approval;
  - e. required data recording procedures;
  - f. 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;
  - g. the contingency plans for the Site;
  - h. equipment and Site inspection procedures, as required by this Approval;
  - i. nuisance impact control and housekeeping procedures, as required by this Approval; and
  - j. the procedures for handling and recording complaints as described in this Approval.
- (2) A copy of the Operations Manual shall be kept at the Site, must be accessible to Site personnel at all times and must be updated, as required.

- (3) A copy of the Operations Manual shall be available to the Ministry staff upon request at any time.

## **11.2 Personnel Training**

- (1) All operators of the Site shall be trained with respect to the following as per the specific job requirements of each individual operator:
- a. relevant air, noise, wastewater and waste management legislation, regulations and guidelines;
  - b. major environmental concerns pertaining to the wastes to be handled at the Site;
  - c. occupational health and safety concerns pertaining to the processes and wastes to be handled at the Site;
  - d. management procedures including the use and operation of equipment for the processes and wastes to be handled at the Site;
  - e. odour management procedures in accordance with the document entitled "Best Management Practices for Industrial Sources of Odour" for the Site required in the Air/Noise Approval;
  - f. records keeping procedures;
  - g. contingency plan and emergency response procedures;
  - h. specific written procedures for the prevention of Adverse Effects from the Site;
  - i. specific written procedures for refusal of unacceptable incoming Waste loads; and
  - j. the requirements of this Approval.
- (2) The training of the operators of the Site shall also include the procedures contained in the Operations Manual.
- (3) The training of the operators of the Site shall be undertaken:
- a. upon commencing employment at the Site in a particular position; and
  - b. whenever procedures are updated or during the planned refresher training.

## **12.0 CONTINGENCY MEASURES and EMERGENCY SITUATION RESPONSE PLAN**

### **12.1 Emergency Response and Contingency Plan**

- (1) The Owner shall maintain the existing Emergency Response and Contingency Plan for the Site

and within thirty (30) from this Approval update the current version to include the requirements of this Approval. All required revisions to the Emergency Response and Contingency Plan shall be done in consultation with the District Manager. The Owner shall also invite the local municipality and the local fire service authority to provide input and/or comments into revisions of the Emergency Response and Contingency Plan. The Emergency Response and Contingency Plan, as a minimum must 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 service authority, 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 if the incoming Waste does not meet the quality criteria set out in this Approval;
  - e. procedures and actions to be taken if the outgoing wastes do not meet the quality criteria set out in this Approval;
  - f. procedures and actions to be taken should the waste management activities at the Site result in occurrence of complaints;
  - g. procedures and actions to be taken should the occurrence of complaints require the Owner to implement additional environmental impact control measures; and
  - h. procedures and actions to be taken should the occurrence of complaints require the Owner to suspend the waste handling activities at the Site.
- (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 at any time and to the local municipality and the local fire service authority, 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 local fire service authority, if requested.

### **13.0 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 employees 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 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.

### **14.0 RECORDS KEEPING and RETENTION**

- (1) The Owner shall retain all records required by this Approval for a minimum of five (5) years.
- (2) All records generated as required by this Approval shall include a date of record and the name and signature of the person completing the report.
- (3) All measurements shall be recorded in consistent metric units of measurement.

#### **14.1 Daily Activities**

- (1) The Owner shall maintain a written or digital record of daily 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 of receipt and the name of the incoming Waste generator, the type of Waste, including the solid and waste approved for receipt at the Site, and the quantity (tonnage and number of trucks) of the Waste received and the results of any required characterization, categorized by the type of approved activity;
  - b. date, quantity, type, quality (including the analytical data from any required compliance testing) and the destination of the waste (a waste disposal site, an Exempted Facility or a any

other site approved/licenced to accept such waste by an appropriate government agency of equivalent jurisdiction);

- c. date, quantity, type, quality (including the analytical data from any compliance testing, if applicable) and the destination of the Rejected Waste transferred off-Site and the reason for rejection;
- d. results of on-going waste tracking required under this Approval;
- e. waste management activities carried out at the Site; and
- f. housekeeping activities, including nuisance effect mitigation measures, carried out at the Site.

## **14.2 Emergency Situations**

- (1) 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.

## **14.3 Inspections and Maintenance**

- (1) The Owner shall maintain a written or digital record of inspections and maintenance as required under 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;
  - e. the date, time and description of actions taken; and
  - f. all records on the maintenance, repair and inspection of the equipment.

## **14.4 Personnel Training**

- (1) The Owner shall maintain a written or digital record of training as required as required under 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.

#### **14.5 Sampling and Testing Records**

- (1) The Owner shall establish and maintain a written or digital record of all sampling and testing activities at the Site as required under this Approval. This record shall include, as a minimum, the following information:
  - a. Waste type sampled, number of samples, 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 conducting the testing, if applicable; and
  - g. conclusions drawn with respect to the results of the testing.

#### **14.6 Monitoring Records**

- (1) The Owner shall establish and maintain a written or digital record of all monitoring activities at the Site as required under this Approval.

#### **14.7 Complaints Response Records**

- (1) The Owner shall establish and maintain a written or digital record of all complaints and the responses as required under this Approval.

#### **14.8 Rejected Waste Records**

- (1) The Owner shall establish and maintain a written or digital record of the Rejected Waste handling activities at the Site as required under this Approval. This record shall include, as a minimum, the following information:
  - a. the reason for rejection; and
  - b. the origin of the Rejected Waste, if known.

#### **14.9 Annual Report**

- (1) By March 31st following the end of each operating year, the Owner shall prepare and retain at the Site, an Annual Report, in an electronic format, summarizing the operation of the Site covering the previous calendar year. This Annual Report shall include, as a minimum, the following information:
  - a. annual amount of the incoming Waste, by type, received at the Site;
  - b. annual amount of the incoming Waste, by type and its intended management at the Site, received at the Site;



- c. annual amount of the incoming Waste, by type and its intended final destination, received at the Site;
- d. annual amount of the outgoing Waste, by type and its intended final destination, transferred off-Site and its final destination(s);
- e. a summary describing any Rejected Waste including quantity, type, reasons for rejection, its origin and its final destination(s);
- f. annual amount of the Residual Waste, by type and its intended management at the Site, generated at the Site, transferred from the Site for Final Disposal and its destination(s);
- g. housekeeping activities, including nuisance effect mitigation measures, carried out at the Site.;
- h. any environmental and operational problems, that could negatively impact the environment, encountered during the operation of the Site or identified during the Site inspections and any mitigative actions taken;
- i. any changes to the Emergency Response and Contingency Plan, the Operations Manual or the Closure Plan that have been approved by the Director or the District Manager since the last Annual Report;
- j. any recommendations to minimize environmental impacts from the operation of the Site and to improve Site operations and monitoring programs in this regard;
- k. a summary of any complaints received and the responses made, as required by this Approval;
- l. a summary of the monitoring results and analyses required by this Approval;
- m. a descriptive summary of any spills, incidents or other emergency situations which have occurred at this Site, any remedial measures taken, and the measures taken to prevent future occurrences;
- n. an annual summary of any deficiencies, items of non-compliance or process aberrations that occurred at this Site and any remedial/mitigative action taken to correct them; and
- o. an up-to-date amount of the Financial Assurance required for the Site.

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

(3) The Annual Report shall be available to the Ministry staff upon request at any time.

## **15.0 SITE CLOSURE**

- (1) The Owner shall submit, for approval by the Director, a written Closure Plan for the Site at least nine (9) months prior to closure of the Site. This Closure Plan shall include, as a minimum, a description of the work that will be done to facilitate closure of the Site and a schedule for completion of that work.
- (2) Within ten (10) days after closure of the Site, the Owner shall notify the Director, in writing, that the Site is closed and that the Closure Plan has been implemented.

#### **16.0 PUBLIC LIAISON COMMITTEE**

- (1) Upon request from the District Manager, the Owner shall establish and maintain a Public Liaison Committee (PLC) for the Site.
- (2) The PLC shall serve as a forum for dissemination, consultation, review and exchange of information regarding the operation of the Site, including environmental monitoring, maintenance and complaint/public concerns resolution. In addition, the PLC will also be provided the opportunity to review and comment on any subsequent applications for new approvals or amendments to the existing approvals, under the EPA, for the Site.
- (3) The Owner shall invite representation from the following groups to participate on the PLC:
  - a. home owners and the businesses within 2,000 metres of the Site;
  - b. Sensitive Receptors within 2,000 metres of the Site;
  - c. any interested non-governmental organizations; and
  - d. any other interested person(s) or group(s).
- (4) If there is no interest from the groups listed in Condition 16.1(3) in establishing and participating in a new PLC or in participating in the existing PLC, the existing PLC may be suspended upon consent of the District Manager.
- (5) If the PLC is not established or is suspended, the Owner shall review the need for a PLC on an annual basis.

#### **17.0 DESIGN and OPERATIONS REPORT**

- (1) The currently approved Design and Operations Report listed in the attached Schedule 1 shall not be revised without an approval from the Director.
- (2) The Owner shall submit a comprehensive Design and Operations Report that includes all approved activities at the Site for any future technical amendments to this Approval.
- (3) The future versions of the Design and Operations Report shall be in compliance with the Ministry's template available from the Ministry upon request.

### **Schedule 1**

This Schedule 1 forms part of this Environmental Compliance Approval for a Waste Disposal Site

1. The application for a Provisional Certificate of Approval for a Waste Disposal Site to be used only for the purpose of a transfer site, received May 14, 1990.
2. Letter from John Muller, Senior Staff Engineer, Waste Management of Canada Inc., (WMI) to K. Waldie, District Officer, MOE, dated July 29, 1993 re: Amendment to Provisional Certificate of Approval (PCofA) #A210328.
3. Document entitled "Engineering Report and Operations & Management Plan - Proposed Amendments to Service Area and Residual Loading Procedures" dated January 1993 and prepared by WMI.
4. Letter to Mr. Crump, Director, MOE from M. Ellard, Director, WMI, enclosing an application to amend PCofA #A210328, including supporting information and dated September 25, 1996.
5. Application for Approval of a Waste Disposal Site signed by Jessica Campbell, Environmental Programs Manager, Canadian Waste Services Inc., (CWS) dated March 21, 2000.
6. Letter with attached forms dated May 22, 2002 from Katrina DiRenzo-McGrath, Environmental Coordinator, CWS, to R. Krisak, MOE, re: CWS, Waste Processing/Transfer site PCofAs, Corporate Office Address Change.
7. Letter dated March 6, 2003 to Mr. J. O'Mara, Director, MOE, enclosing an Application and supporting information for an amendment to PCofA #A210328, signed by J. Campbell, Director, Environmental Compliance, CWS.
8. Letter dated May 5, 2003 to K. Wassink, MOE from Mr. J. Muller, Project Manager, Earth Tech Canada Inc., providing a revised Site plan, and clarification of proposed Site operations.
9. Application from the Owner for an amendment to a Certificate of Approval dated June 1, 2009 and signed by Wilf Goldlust and supporting documentation.
10. December 22, 2008 letter addressed to the Environmental Assessment and Approvals Branch, with attachments, and signed by John Nicholson, M.Sc. P.Eng. of Environmental Business Consultants.
11. April 27, 2009, letter addressed to the Environmental Assessment and Approvals Branch and signed by John Nicholson, M.Sc., P.Eng., of Environmental Business Consultants.
12. Waste Transfer Station Design and Operations Report for Trillium Material Processing Centre Inc., prepared by Environmental Business Consultants, dated September, 2009.
13. August 31, 2010 letter from Trillium Recovery Inc., signed by John Clark, Accountant, and addressed to the Ministry of the Environment.

14. Application for an Environmental Compliance Approval for a Waste Disposal Site from Waste Management of Canada Corporation dated February 11, 2014, and signed by Katrina DiRenzo McGrath, Senior Environmental Manager, including the following supporting information:
  - a. New Toronto Processing & Transfer Facility Design & Operations Report dated February 2014 prepared by AECOM Canada; including site plan, location plan, zoning map, estimate of financial assurance, confirmation of compliance with municipal zoning, adjacent property notification letter and distribution list and pre-application consultation record.
  - b. Cover letter dated February 14, 2014 and signed by Larry Fedec, P.Eng., M.B.A., Senior Waste Services Engineer, AECOM Canada.
15. E-mail dated March 11, 2014 from Larry Fedec, AECOM Canada, to Ricki Alum, MOE, including revised page 27 of the application form.
16. E-mails dated April 10 and April 22, 2014 from Katrina DiRenzo McGrath, Waste Management of Canada Corporation to Malgosia Ciesla, MOE, including additional supporting information.
17. E-mail dated May 30, 2014 from Katrina DiRenzo McGrath, Waste Management of Canada Corporation to Malgosia Ciesla, MOE, including revised financial assurance evaluation, version 3 and supporting information.
18. Application for an Environmental Compliance Approval for a Waste Disposal Site from Waste Management of Canada Corporation dated June 5, 2015, and signed by Katrina DiRenzo McGrath, Waste Management of Canada, including the New Toronto Processing & Transfer Facility Design & Operations Report, site plan, location plan, zoning map, estimate of financial assurance, confirmation of compliance with municipal zoning, adjacent property notification letter and distribution list and pre-application consultation record.supporting information.
19. E-mail dated January 11, 2016 from Katrina DiRenzo McGrath, Waste Management of Canada to Alan Tan, MOECC, providing revised estimates of financial assurance.
20. Application for an Environmental Compliance Approval for a Waste Disposal Site from Waste Management of Canada Corporation dated August 8, 2019, and signed by Katrina DiRenzo McGrath, Waste Management of Canada, including the updated Design & Operations Report, site plan, location plan, zoning map, estimate of financial assurance, confirmation of compliance with municipal zoning, adjacent property notification letter and distribution list.
21. Updated Design and Operations Report - New Toronto Waste Transfer and Processing Facility, dated August 2019, prepared by AECOM Canada Ltd.
22. Application for an Environmental Compliance Approval for a waste disposal site dated October 31, 2023 signed by Katrina Direnzo-McGrath, Director, Environmental Protection, Eastern Canada Area, Waste Management of Canada Corporation, and the following Supporting Documentation:

- a. Attachment A with the document entitled "Design and Operations Report, dated October, 2023 prepared by AECOM Canada Ltd.
  - b. Appendix A: WM New Toronto Environmental Compliance Approvals
  - c. Appendix B: Zoning By-Laws
  - d. Appendix C: WM Mass Balance Calculations
  - e. Appendix D: WM CORE<sup>R</sup> Organics Processing Specifications
  - f. Appendix E: WM Fire Safety and Emergency Preparedness and Response Plan
  - g. Attachment B with the Notification to Adjacent Residents
23. E-mail dated November 20, 2023 (8:57 a.m.) from Marie Wardman, AECOM Canada Ltd., to Sara Sideris, Ministry of the Environment, Conservation and Parks, including an attachment entitled "L-2023-11-20 Response MECP Add Info ECA App-60665081 (002).pdf" providing additional documentation to support the application package".
24. E-mail dated April 19, 2024 (5:02 p.m.) from Katrina Dorenzo-McGrath, Waste Management of Canada Corporation, to Margaret Wojcik, Ministry of the Environment, Conservation and Parks, including the following attachments entitled:
- a. "New Toronto- Financial Assurance Evaluation.xlsx"
  - b. "New Toronto- Financial Assurance Quotes.pdf"
  - c. "Response to MECP Comments March 27 2024 FINAL.pdf"
25. E-mail dated April 19, 2024 (5:08 p.m.) from Katrina Dorenzo-McGrath, Waste Management of Canada Corporation, to Margaret Wojcik, Ministry of the Environment, Conservation and Parks, including an attachment entitled "60665081\_Fig3-Site Plan\_R2.pdf"
26. E-mail dated April 24, 2024 (10:02 a.m.) from Katrina Dorenzo-McGrath, Waste Management of Canada Corporation, to Margaret Wojcik, Ministry of the Environment, Conservation and Parks, including the following attachments entitled:
- a. "Figure\_2024-04-24\_260\_New\_Toronto\_250m\_60665081.pdf"
  - b. "Figure\_2024-04-24\_260\_New\_Toronto\_500m\_60665081.pdf"
  - c. "New Toronto Address Points\_250m\_60665081.xlsx"
  - d. "New Toronto Address Points\_500m\_60665081.xlsx"
  - e. "WM New Toronto ECA Transfer Application Design and Operations Report AECOM 2019-08.pdf"
27. E-mail dated April 24, 2024 (2:41 p.m.) from Katrina Dorenzo-McGrath, Waste Management of Canada Corporation, to Margaret Wojcik, Ministry of the Environment, Conservation and Parks, including the following attachments entitled:
- a. "Figure\_2024-04-24\_260\_New\_Toronto\_750m\_60665081.pdf"
  - b. "New Toronto Address Points\_750m\_60665081.xlsx"
28. E-mail dated May 30, 2024 (4:55 p.m.) from Katrina Dorenzo-McGrath, Waste Management of

Canada Corporation, to Margaret Wojcik, Ministry of the Environment, Conservation and Parks, including the following attachments entitled:

- a. "02\_LTR\_2024-05-23\_New Toronto Notification\_60665081.pdf"
  - b. "260 NewToronto Mailing list\_2024-05.pdf"
  - c. "20240502\_260NewToronto\_ProposedBuffer.pdf"
29. E-mail dated October 1, 2024, (8:59 a.m.) from Katrina Drenzo-McGrath, Waste Management of Canada Corporation, to Margaret Wojcik, Ministry of the Environment, Conservation and Parks, including an attachment entitled "New Toronto- Extended Public Notification-Public Consultation Summary.pdf"
  30. E-mail dated May 2, 2025, (12:15 p.m.) from Natasha Yurchyk, Waste Management of Canada Corporation, to Margaret Wojcik, Ministry of the Environment, Conservation and Parks, including an attachment entitled "2025-04-04 Waste Management of Canada Corporation DRAFT Waste ECA-WM Comments 2025-04-25.docx" providing draft ECA comments and additional information on the proposal, specifically daily and annual receipt rates of the various waste types.
  31. E-mail dated July 8, 2025, (10:20 a.m.) from Natasha Yurchyk, Waste Management of Canada Corporation, to Margaret Wojcik, Ministry of the Environment, Conservation and Parks, to propose making different categories of EBS Waste.
  32. E-mail dated July 9, 2025, (8:38 a.m.) from Natasha Yurchyk, Waste Management of Canada Corporation, to Margaret Wojcik, Ministry of the Environment, Conservation and Parks, including an attachment entitled "60665081\_Fig4-Facility Layout" to show the new location of the FOG Waste tank and to provide new storage capacity for the EBS Waste tanks and the COL Waste tank.
  33. E-mail dated July 17, 2025, (10:41 a.m.) from Natasha Yurchyk, Waste Management of Canada Corporation, to Margaret Wojcik, Ministry of the Environment, Conservation and Parks, including an attachment entitled "2025-7-10 WM waste disposal site REV DRAFT ECA WM" to provide new FOG waste rates.
  34. E-mail dated July 21, 2025, (2:43 p.m.) from Natasha Yurchyk, Waste Management of Canada Corporation, to Margaret Wojcik, Ministry of the Environment, Conservation and Parks, including an attachment entitled "2025-7-21 WM waste disposal site REV DRAFT ECA WM" to provide clarification on FOG waste management and the types of SSO to be received at the site.

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

## **GENERAL**

Conditions 1.1, 1.3, 1.4, 1.5, 1.6, 1.9 and 1.11 are included to clarify the legal rights and responsibilities of the Owner.

Condition 1.2 is included to ensure that the Site is build and operated 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.

Condition 1.7(1) is included 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. Condition 1.7(2) is included 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.

Condition 1.8 is included to ensure that the appropriate Ministry staff has ready access to the operations of the Site which are approved under this Approval. The Condition is supplementary to the powers of entry afforded a Provincial Officer pursuant to the EPA, the OWRA, the PA, the NMA and the SDWA.

Condition 1.10 is 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.

## **SIGNS and SITE SECURITY**

Condition 2.0 is included to ensure that the Site's users, operators and the public are fully aware of important information and restrictions related to the operation of the Site. Condition 2.0 is also included to ensure that the Site is sufficiently secured, supervised and operated by properly Trained Personnel and to ensure controlled access and integrity of the Site by preventing unauthorized access when the Site is closed and no Site personnel is on duty.

## **SERVICE AREA, APPROVED and PROHIBITED WASTE TYPES and RATES**

Condition 3.0 is included to specify the approved Waste receipt and storage rates, the approved and prohibited Waste types and the service area from which the Waste may be accepted at the Site based on the Owner's application and the Supporting Documentation.

Condition 3.4 is also included to identify the amounts of waste approved to be present at the Site at any one time for the purpose of calculating the Financial Assurance requirements for the Site.

## **SITE OPERATIONS**

Condition 4.1 is included to specify the hours of operation for the Site to ensure that the hours of Site's

operation do not result in an Adverse Effect or a hazard to the natural environment or any person.

Condition 4.2 is included to set out the waste management activities approved under this Approval.

Conditions 4.3 through 4.4, and 4.12 are included to ensure that only the approved Waste types are accepted and handled/processed at the Site.

Conditions 4.5 through 4.11 are included to ensure that waste storage and management, run-off management and the discharges of emissions to the atmosphere are undertaken in a way which does not result in an Adverse 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.

### **EQUIPMENT and SITE INSPECTIONS and MAINTENANCE**

Condition 5.0 is included 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.

### **WASTE QUALITY CRITERIA**

Conditions 6.1 and 6.2 are included to identify the parameters to be tested to ensure that the incoming Organic Waste feedstocks are appropriate for an anaerobic digestion process producing digestate destined for land application on agricultural land and growing food and raising animals destined for human consumption.

Conditions 6.1 and Condition 6.3 are included to identify the quality criteria for the EBS Waste transferred from the Site as a feedstock for off-Site anaerobic digestion sites/facilities.

Conditions 6.1 and 6.4 are included to identify the requirements for management of the Residual Waste generated at the Site.

### **TESTING and MONITORING**

Conditions 7.1 and 7.2 are included 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 the proposed off-Site processing, limited to anaerobic digestion process.

Conditions 7.1 and 7.3 are included to ensure that the Owner regularly tests the outgoing EBS Waste transferred from the Site to verify its compliance with the receiving site's requirements.

### **END-USE of OUTPUTS**

Condition 8.0 is included to ensure that all outputs from management of waste 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.

### **HOUSEKEEPING and NUISANCE/ ADVERSE EFFECT IMPACT CONTROL**

Condition 9.0 is included 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.

### **COMPLAINTS MANAGEMENT**

Condition 10.0 is included 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.

### **OPERATIONS MANUAL and PERSONNEL TRAINING**

Condition 11.0 is included 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.

### **CONTINGENCY MEASURES and EMERGENCY SITUATION RESPONSE PLAN**

Condition 12.0 is included to ensure that the Owner is prepared and properly equipped to take action in the event of an emergency situation.

### **EMERGENCY SITUATIONS RESPONSE and REPORTING**

Condition 13.0 is included to require further spill notification to the Ministry, in addition to the requirements already listed in Part X of the EPA.

### **RECORDS KEEPING and RETENTION**

Condition 14.0 is included to ensure that detailed records of Site activities, inspections, monitoring and upsets are recorded and maintained for inspection and information purposes.

### **SITE CLOSURE**

Condition 15.0 is included to ensure that final closure of the Site is completed in accordance with Ministry's standards.

### **PUBLIC LIAISON COMMITTEE**

Condition 16.0 is included to require the Owner is to establish a forum for the exchange of information and public dialogue on activities carried out at the Site. Open communication with the public and local authorities is important in helping to maintain high standards for Site operation and environmental

protection.

## **DESIGN and OPERATIONS REPORT**

Condition 17.0 is included to ensure that future applications for amendments of this Approval include comprehensive technical reports that include all approved activities and are prepared in accordance with the Ministry's requirements.

**Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). A210328 issued on July 24, 2020, as amended.**

In accordance with Section 139 of the *Environmental Protection Act*, you may by written notice served upon me, the Ontario Land Tribunal and in accordance with Section 47 of the *Environmental Bill of Rights*, 1993, the Minister of the Environment, Conservation and Parks, within 15 days after receipt of this notice, require a hearing by the Tribunal. The Minister of the Environment, Conservation and Parks will place notice of your appeal on the Environmental Registry. Section 142 of the *Environmental Protection Act* provides that the notice requiring the hearing ("the Notice") shall state:

- a. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
- b. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

Pursuant to subsection 139(3) of the *Environmental Protection Act*, a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.

The Notice should also include:

1. The name of the appellant;
2. The address of the appellant;
3. The environmental compliance approval number;
4. The date of the environmental compliance approval;
5. The name of the Director, and;
6. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

Registrar\*  
Ontario Land Tribunal  
655 Bay Street, Suite 1500  
Toronto, Ontario  
M5G 1E5  
OLT.Registrar@ontario.ca

and

The Minister of the Environment,  
Conservation and Parks  
777 Bay Street, 5th Floor  
Toronto, Ontario  
M7A 2J3

and

The Director appointed for the purposes of  
Part II.1 of the *Environmental Protection Act*  
Ministry of the Environment,  
Conservation and Parks  
135 St. Clair Avenue West, 1st Floor  
Toronto, Ontario  
M4V 1P5

**\* Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349 or 1 (866) 448-2248, or [www.olt.gov.on.ca](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 25th day of July, 2025



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Mohsen Keyvani, P.Eng.

Director

appointed for the purposes of Part II.1 of the  
*Environmental Protection Act*

MW/

c: District Manager, MECP Toronto - District  
Marie Wardman P. Eng., QP-ESA, AECOM