Ontario

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

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL
NUMBER A420018
Issue Date: July 13, 2026

GFL Environmental Inc.
17125 Lafleche Rd
North Stormont, Ontario
K0C 1W0

Site Location: Eastern Ontario Waste Handling Facility
17125 Laflèche Rd
North Stormont Township, United Counties of Stormont, Dundas and Glengarry
K0C 1W0

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 waste disposal site that includes a 178.6 hectare landfilling site, a *Composting Facility* and a *Waste Transfer and Processing Station* all located within a total site area of 429 hectares.

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

(i) **"Composting Facility"** means the buildings and area of land identified as being part of the composting operation including but not limited to storage and composting areas;

(ii) "**Crown**" means His Majesty the King in the Right of Ontario;

(iii) "**ECA**" means this entire Environmental Compliance Approval document, issued in accordance with section 20.3 of Part II.1 of the EPA, and includes any schedules to it, the application and the supporting documentation listed in Schedule "A";

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

(v) "**District Manager**" means the District Manager of the local district office of the Ministry in which the Site is geographically located;

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

(vii) "**Finished Compost**" means the organic waste that has been composted and fully cured and is considered ready for sampling and testing for compliance with the compost quality criteria. Finished Compost is considered a waste until testing for the compost quality criteria is completed and compliance with the criteria is demonstrated;

(viii) **"Food Waste"** means waste from kitchens, restaurants, food processing operations, waste of vegetable and animal origin, packaging materials that have been in direct contact with and are contaminated by these wastes and waste of a similar nature and characteristics, including waste that is liable to become putrid, rotten or decayed;

(ix) "**Immature Compost**" means the organic waste which has been composted in the aerated composting channels and screened. Composted organic waste is considered an immature compost until it has been fully cured and is ready for compliance testing for compost quality criteria. Immature compost is considered a waste;

(x) **"Landfill"** means the areas of land within the Site used for landfilling and includes but is not limited to any Major Works, engineered controls or buffer areas;

(xi) "**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 seven (7) centimetres in diameter;

(xii) "**Major Works**" means all aspects of the leachate, groundwater, gas management and recirculation (or liquid addition to improve biodegradation) systems for the Site;

(xiii) "**Ministry**" or "MECP" means the Ontario Ministry of the Environment, Conservation and Parks;

(xiv) "**Mitigation Measures**" means measures appropriate to prevent and ameliorate adverse effects (as defined in the EPA) that relate to this Site during the operational life of the Site and following closure of the Site;

(xv) **"NMA"** means Nutrient Management Act, 2002, S.O. 2002, c. 4, as amended from time to time;

(xvi) "**Owner**" means any person that is responsible for the establishment or operation of the Site being approved by this ECA, and includes GFL Environmental Inc., its successors and assigns;

(xvii) "**OWRA**" means the Ontario Water Resources Act, R.S.O. 1990, c. 0.40, as amended;

(xviii) "**PA**" means the Pesticides Act, R.S.O. 1990, c. P-11, as amended from time to time;

(xix) "**Provincial Officer**" means any person designated in writing by the Minister as a provincial officer pursuant to section 5 of the OWRA or section 5 of the EPA or section 17 of PA;

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

(xxi) "**Regulation 232**" or "**Reg. 232**" means Ontario Regulation 232/98, New Landfill Standards, made under the EPA, as amended;

(xxii) "**Regulation 347**" or "**Reg. 347**" means Regulation 347, R.R.O. 1990, made under the EPA, as amended from time to time;

(xxiii) "**Reg. 903**" means Regulation 903, made under the OWRA, as amended from time to time;

(xxiv) **"SDWA"** means Safe Drinking Water Act, 2002, S.O. 2002, c. 32, as amended from time to time;

(xxv) "**Site**" means the entire waste disposal site including the Landfill, Composting Facility,Compost Curing and Storage Facility, Waste Transfer and Processing Station and any and all buffer lands located at 17125 Laflèche Road North Stormont Township, United Counties of Stormont, Dundas and Glengarry as approved by this ECA, legally described as on parts of Lots 13, 14, 15, 16, 17 and 18, Concession 10, Township of North Stormont, United Counties of Stormont, Dundas, and Glengarry, Ontario;

(xxvi) **"Specified Risk Material"** or **"SRM"** includes, at a minimum, but is not limited to, (a) the skull, brain, trigeminal ganglia, eyes, tonsils, spinal cord and dorsal root ganglia of cattle aged 30 months or older; and (b) the distal ileum of cattle of all ages. SRM may also include other additional materials as defined by the federal Health of Animals Regulations, C.R.C. c. 296, as amended from time to time;

(xxvii) **"Supporting Documentation"** means the documents listed in Schedule "A" attached to this ECA, as amended;

(xxviii) **"Trained Personnel"** means knowledgeable in the following through instruction and/or practice:

(a) relevant waste management legislation, regulations and guidelines;
(b) major environmental concerns pertaining to the waste to be handled;
(c) occupational health and safety concerns pertaining to the processes and wastes to be handled;
(d) management procedures including the use and operation of equipment for the processes and wastes to be handled;
(e) records keeping procedures;
(f) emergency response procedures;
(g) specific written procedures for the control of adverse effects from the Site;
(h) specific written procedures for refusal of unacceptable waste loads; and
(i) the requirements of this ECA.

(xxix) "**Waste Transfer and Processing Station**" means the buildings and area of land identified as being part of the waste transfer and processing operation including but not limited to any storage, processing and public drop-off areas;

(xxx) "**Wet Leaf and Yard Waste**" means leaf and yard waste predominantly consisting of grass clippings and leaves;

(xxxi) "**Wood Waste**" means waste that is wood or a wood product, including tree trunks and tree branches greater than seven (7) centimetres diameter, that is not painted/coated or contaminated with chromated copper arsenate, ammoniacal copper arsenic pentachlorophenol or creosote, is not particle board, composite wood or part of an upholstered article, or an article to which a rigid surface treatment is affixed or adhered, unless the rigid surface treatment is predominantly wood or cellulose.

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 Compliance

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

1.2 Any person authorized to carry out work on or operate any aspect of the Site shall comply with the conditions of this ECA.

2.0 In Accordance

2.1 Except as otherwise provided for in this ECA, the Site shall be operated and maintained as detailed in the Supporting Documentation listed in Schedule “A”.

3.0 Interpretation

3.1 Where there is a conflict between a provision of any document, including the application, referred to in this ECA, and the conditions of this ECA, the conditions in this ECA shall take precedence.

3.2 Where there is a conflict between the application and a provision in any of the Supporting Documentation listed in Schedule "A", the application shall take precedence, unless it is clear that the purpose of the document was to amend the application and that the Ministry approved the amendment.

3.3 Where there is a conflict between any two documents listed in Schedule "A", other than the application, the document bearing the most recent date shall take precedence.

3.4 The conditions of this ECA are severable. If any condition of this ECA, or the application of any condition of this ECA to any circumstance, is held invalid or unenforceable, the application of such condition to other circumstances and the remainder of this ECA shall not be affected thereby.

4.0 Other Legal Obligations

4.1 The issuance of, and compliance with, this ECA does not:

(i) relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement; or

(ii) 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 ECA;

5.0 Adverse Effect

5.1 The Owner shall take steps to minimize and ameliorate any adverse effect on the natural environment or impairment of water quality resulting from the Site , including such accelerated or additional monitoring as may be necessary to determine the nature and extent of the effect or impairment.

5.2 Despite an Owner, operator or any other person fulfilling any obligations imposed by this ECA, the person remains responsible for any contravention of any other condition of this ECA or any applicable statute, regulation, or other legal requirement resulting from any act or omission that caused the adverse effect to the natural environment or impairment of water quality.

6.0 Change of Owner

6.1 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 changes in the following information:

(i) the ownership of the Site;
(ii) the operator of the Site;
(iii) the address of the Owner or operator;
(iv) the partners, where the Owner or operator is or at any time becomes a partnership and a copy of the most recent declaration filed under the Business Names Act, R. S. O. 1990, c. B.17, shall be included in the notification;

6.2 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 and sufficient financial assurance is deposited with the Ministry to ensure that these conditions will be carried out. In the event of any change in ownership of the Site or Major Works, other than change to a successor municipality, the Owner shall notify the successor of and provide the successor with a copy of this ECA, and the Owner shall provide a copy of the notification to the District Manager and the Director.

7.0 Certificate of Requirement

7.1 Pursuant to Section 197 of the EPA, no person having an interest in the Site shall deal in any way with the Site without first giving a copy of this ECA to each person acquiring an interest in the Site as a result of the dealing.

7.2 Two copies of a completed Certificate of Requirement, containing a complete registerable description of the 240 ha additional site expansion area, shall be submitted to the Director for the Director's signature and/or authorization within sixty (60) calendar days of the date of this ECA.

7.3 The Certificate of Requirement shall be registered in the appropriate land registry office on title to the Site by the Owner within ten (10) calendar days of receiving acknowledgement the Certificate of Requirement signed by the Director, and a duplicate registered copy shall be submitted to the Director.

8.0 Information and Record Retention

8.1 Any information requested, by the Ministry, concerning the Site and its operation under this ECA, specifically items such as scheduled items, annual reports and any required record keeping, shall be provided to the Ministry, upon request**,** in a timely manner.

8.2 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 ECA or under any statute, regulation or other legal requirement, in relation to the information, shall not be construed as:

(i) an approval, waiver, or justification by the Ministry of any act or omission of any person that contravenes any term or condition of this ECA or any statute, regulation or other legal requirement; or
(ii) acceptance by the Ministry of the information's completeness or accuracy.

8.3 Any information relating to this ECA and contained in Ministry files may be made available to the public in accordance with the provisions of the Freedom of Information and Protection of Privacy Act, R.S.O. 1990, C. F-31.

8.4 All records and monitoring data required by the conditions of this ECA for the Composting Facility must be kept on the Site for a minimum period of five (5) years from the date of their creation.

8.5 Notwithstanding Condition 8.4, the Owner or operator shall keep records related to SRM Management for a period of ten (10) years.

9.0 Inspections by the Ministry

9.1 No person shall hinder or obstruct a Provincial Officer from carrying out any and all inspections authorized by the OWRA, SDWA, NMA, EPA, or the PA, of any place to which this ECA relates, and without limiting the foregoing:

(i) to enter upon the premises where the approved works are located, or the location where the records required by the conditions of this ECA are kept;

(ii) to have access to, inspect, and copy any records required to be kept by the conditions of this ECA;

(iii) to inspect the Site, related equipment and appurtenances;

(iv) to inspect the practices, procedures, or operations required by the conditions of this ECA; and

(v) to sample and monitor for the purposes of assessing compliance with the terms and conditions of this ECA or the OWRA, SDWA, NMA, EPA, or the PA,

10.0 Financial Assurance

10.1 The Owner shall ensure that an updated Financial Assurance, as defined in Section 131 of the EPA, for the amount of $43,322,012.00, is submitted to the Director. This Financial Assurance shall be in a form acceptable to the Director and shall provide an amount that is sufficient to pay for compliance with and performance of any action specified in this ECA, including the closure and post-closure care of the Site and contingency plans for the Site, as required in Reg. 232, Sections 17 and 18.

10.2 A written report reviewing the financial assurance required by this ECA shall be submitted to the Director by January 31, 2029, and at intervals of not more than five (5) years thereafter. The report shall include the following:

(i) updates of the discount, interest and inflation rates and cost items associated with the requirements for financial assurance in this ECA including justifications and sources of the proposed rates; and

(ii) a report prepared by a qualified professional engineer which updates the cost estimates on which the amounts associated with the requirements for financial assurance in this ECA are based. The report shall take into consideration the:

a. actual amounts of waste landfilled;
b. projected rate of fill;
c. progressive capping of completed fill areas;
d. leachate generation rates;
e. landfill gas generation rates;
f. contaminating life span of the Site with respect to groundwater, surface water and landfill gas;
g. any measures that have been carried out or need to be carried out to prevent and ameliorate any adverse effect that relates to the site; and
h. annual inspection, maintenance, and monitoring costs, including costs for leachate treatment and disposal and landfill gas use or discharge.

10.3 In the event that any Mitigation Measures have been carried out, the report in Condition 10.2 shall describe the Mitigation Measures remaining to be carried out and a certification by the Owner as to the work which has been done and materials supplied by the Owner relating to the Mitigation Measures, the fair value thereof, and the balance required to be retained as financial assurance to carry out remaining Mitigation Measures.

10.4 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.

10.5 Requirements for financial assurance for this Site may be amended by the Director, from time to time, via an amendment to this ECA with appeal provisions under the EPA, based on a review of the financial assurance submitted by the Owner pursuant to Condition 10.2, or on such grounds as the Director considers necessary or advisable in relation to carrying out the purpose of financial assurance for this Site, including changes in economic factors, such as the interest, discount and inflation rates. The Owner shall provide any additional amount of financial assurance according to the next requirement date according to Condition 10.1, or as directed by the Director.

10.6 Release of financial assurance amounts required by conditions in this ECA may only be made to the Owner upon an application by the Owner to the Director with supporting information and when the Director is satisfied that the amount released is not required to carry out any remaining Mitigation Measures.

10.7 No waste shall be accepted and processed at the Waste Transfer and Processing Station unless sufficient financial assurance is submitted to the Ministry. The financial assurance shall be calculated based on the costs for loading, hauling and disposal of the maximum amount of waste that is allowed to be stored at the Waste Transfer and Processing Station, plus site clean-up, project management and contingency costs.

10.8 The Owner shall ensure that an updated financial assurance is submitted to the Ministry annually in accordance with Schedule "H" of this ECA.

OPERATIONS - GENERAL

11.0 General

11.1 This waste disposal site shall be designed, operated, monitored and maintained in accordance with the Supporting Documentation listed in the attached Schedule "A" and with the conditions in this ECA.

12.0 Service Area

12.1 Wastes generated only from within the Province of Ontario may be received for transfer, processing or disposal at this Site.

12.2 Not withstanding Condition 12.1, waste for composting in accordance with the conditions of this ECA may be received from the Province of Quebec.

12.3 SRM shall only be received from the Province of Ontario either for disposal or for composting.

13.0 **Approved Waste Types**

13.1 Only solid non-hazardous municipal, industrial, commercial and institutional wastes, which includes sewage sludge, construction and demolition waste, auto-fluff, contaminated soils and asbestos (as specified in Section 3.3 in Item 8 in Schedule "A" attached to this ECA), shall be received at the Site for disposal at the Landfill.

13.2 The Waste Transfer and Processing Station and Composting Facility shall only accept waste in accordance with conditions 39.1 and 44.1 of this ECA.

13.3 SRM and composted SRM from the Composting Facility may be received at the Site for final disposal and the Canadian Food Inspection Agency Protocol for handling and deposition of SRM in the Landfill shall be followed.

13.4 Not withstanding conditions 13.1, 13.2 and 13.3, the Owner shall make an application with supporting documentation to the Director for approval with copies to the District Manager, to receive any additional types of solid non-hazardous waste if such a waste requires special handling either in the composting process or in depositing in the landfill.

13.5 No hazardous waste or liquid industrial waste, as defined in Reg. 347, shall be disposed of at the Site.

14.0 Global Waste Receiving Limit

14.1 The Site shall not receive more than 4,000 tonnes per day of waste.

15.0 Hours of Operation

15.1 The normal hours of operation for receiving waste at the Site are:

(i) 7:00a.m. to 6:00p.m. - Monday to Friday (except statutory holidays); and
(ii) 7:00a.m. to 5:00p.m.- Saturday

15.2 The normal hours of operation for on-site equipment to allow for daily Site preparation and closure activities are:

(i) 6:30a.m. to 6:30p.m.- Monday to Friday (except statutory holidays); and
(ii) 6:30a.m. to 5:30p.m.- Saturday

15.3 Notwithstanding Conditions 15.1 and 15.2, the normal hours of operation at the Composting Facility are

24 hours a day, Monday to Saturday, except for receipt of waste.

15.4 The normal hours of operation may be amended from time to time based on prior consultation with the Community Liaison Committee and concurrence from the District Manager, or designate.

15.5 With prior concurrence of the Community Liaison Committee and the District Manager, or designate, waste may be received Monday to Friday between 6:00 p.m. and 7:00 p.m., except on Saturday, to accommodate seasonal or unusual demand.

16.0 Site Supervision, Access and Security

16.1 No waste shall be received, landfilled or removed from the Site unless a Site supervisor is present and supervises the operation.

16.2 The Owner shall ensure that access to and exit from the Site for receipt of waste shall be via Lafleche Road.

16.3 During non-operating hours, the Owner shall ensure that the Site entrance and exit gates shall be locked and the Site shall be secured against access by unauthorized persons.

16.4 The access road and on-site roads shall be provided and maintained so that vehicles hauling waste to and on the Site may travel readily on any operating day.

16.5 The Owner shall ensure that reasonable efforts are made to keep the access road used by waste vehicles leaving the Site free of mud, dirt and waste.

16.6 The Owner shall establish and maintain a designated area(s) on the Site for the receipt and subsequent pick-up and removal of recyclable materials.

16.7 All vehicles and equipment leaving the Site shall have their exteriors and tires cleared of debris and shall not be permitted to drag waste, dirt, Finished Compost or wood chips onto municipal roadways.

17.0 Training and Site Manuals

17.1 The Owner shall develop and maintain a training plan for new and current site operations employees and shall ensure that all site operations employees have been adequately trained prior to conducting site operations at the Site and receive on-going training with respect to the following, as amended:

(i) Terms, conditions and operating requirements of this ECA;
(ii) The operation and maintenance of the Site with respect to approved design and operation documents;
(iii) Relevant waste management legislation and regulations;
(iv) Environmental concerns related to waste management at the Site;
(v) Occupational health and safety concerns related to waste management at the Site; and

(vi) Emergency procedures and contingency plans in cases of fire, spills, off-site impacts and any other emergency situations.

17.2 The Owner shall take all reasonable steps to ensure that the Site is inspected regularly by trained personnel for any situation which may cause an adverse effect, as defined in the EPA, and to ensure that the Site is being operated in accordance with this ECA. The Site shall be inspected in accordance with condition 51 below and with Sections 6.7 and 12.1.2 in Item 112 in Schedule "A" attached to this ECA.

17.3 The Owner shall prepare an operations manual for use by Site personnel. The operations manual shall contain the following:

(i) outline the responsibilities of Site personnel for all operations;
(ii) personnel training protocols;
(iii) receiving and screening procedures for all operations;
(iv) unloading, handling and storage procedures for all operations;
(v) process monitoring procedures for the Composting Facility;
(vi) sampling and testing procedures for the Composting Facility; and
(vii) procedure for handling complaints as described in this ECA.

17.4 A copy of the operations manual detailed in condition 17.3 shall be kept at the Site, must be accessible to personnel at all times and must be updated as required.

18.0 Signage

18.1 The Owner shall install and maintain a sign which complies with local by-laws at the main entrance/exit to the Site on which is legibly displayed the following information:

(i) The name of the Site and Owner;
(ii) The ECA No. A420018;
(iii) The name of the operator;
(iv) The normal hours of operation;
(v) Allowable and prohibited waste types;
(vi) A telephone number to which complaints may be directed;
(vii) A twenty-four (24) hour emergency telephone number (if different from above); and
(viii) A warning against dumping outside the Site.

18.2 The Owner shall install and maintain signs on the Site to direct vehicles to the working face and other designated areas and facilities, as appropriate, and in accordance with Section 11.1 in Item 8 in Schedule "A" attached to this ECA.

19.0 Prohibitions

19.1 The Owner shall ensure that no waste is burned at the Site.

19.2 The Owner shall ensure that there is no scavenging, as defined in Reg. 347, at the Site.

20.0 Weigh Scales

20.1 The Owner shall use and maintain weigh scales at the Site to weigh all incoming waste. The Owner shall keep all weigh scale records at the Site for inspection. Waste records shall include the information described in Section 6.2.4 in Item 112 in Schedule "A" attached to this ECA and shall be kept as such to ensure compliance with the waste receiving limits for each operation at the Site.

20.2 Where the weigh scale is temporarily out of operation for maintenance or repair, estimates of waste volumes and density shall be used to estimate the weight of waste received.

20.3 In the event of weigh scale malfunction, the Owner shall take appropriate action to repair the malfunction within a period of time acceptable to the District Manager, or designate.

21.0 Load Refusals

21.1 The Owner shall forthwith notify the District Manager of any and all waste load refusals at the Site related to requirements in this ECA.

22.0 Nuisances and Complaint Response Procedures

22.1 The Owner shall take all reasonable steps to prevent off-site nuisance impacts from all Site operations . The Owner shall implement control measures for access and on-site traffic, receipt of waste, litter, odour, dust, bird and non-bird vectors, vibration, fire and noise in accordance with section 6.6 in Item 112 in Schedule "A" attached to this ECA.

22.2 Noise from or related to the operation of the landfill shall be kept to a minimum and in any event the Owner shall comply with the criteria set out in the Ministry's "Noise Guidelines for Landfill Sites".

22.3 If at any time, problems such as dust, odours, vectors, birds, litter, vibration, noise, or other nuisances are generated at the Site resulting in complaints, the Owner shall take appropriate remedial action immediately to eliminate the cause of such problems. Appropriate measures may include temporary stoppage of all operations, or problematic areas of the operation, until the problem has been rectified and measures have been undertaken to prevent future occurrence.

22.4 If at any time vectors or vermin become a nuisance, a qualified, licensed pest control professional shall be hired to design and implement a pest control plan for the Site. The pest control plan shall then remain in place until the Site has been closed.

22.5 If at any time the Owner receives complaints regarding impacts from the operation of the Site, the Owner shall respond to these complaints according to the following procedure:

(i) Each complaint shall be recorded on a formal complaint form entered in a sequentially numbered log. The information recorded shall include:

(a) the nature of the complaint;
(b) the name, address and telephone number of the complainant;
(c) general meteorological conditions including, but not limited to the ambient temperature, approximate wind speed and direction, percent cloud cover, inversion conditions etc. at the time of the complaint;
(d) what operations were occurring at the time of the complaint; and
(e) the time and date of the complaint.

(ii) Appropriate steps shall be taken to determine all possible causes of the complaint and proceed to take the necessary actions to eliminate the cause of the complaint and forward a formal reply to the complainant; and

(iii) The District Office shall be verbally notified forthwith of the complaint followed by a written report within seven (7) business days of the complaint date, listing the actions taken to resolve the complaint and any recommendations for remedial measures, and managerial or operational changes to reasonably avoid the reoccurrence of similar incidents.

DESIGN AND CONSTRUCTION OF LANDFILL STAGES AND MAJOR WORKS

23.0 Final Detailed Design and Operations - General

23.1 Final detailed design of Major Works to be constructed at the Site shall be submitted by the Owner to the Director, copied to the District Manager, and approved in writing by the Director prior to the commencement of construction of such works.

23.2 The final detailed design shall be prepared to reflect the conceptual design of the Site, as presented in the Supporting Documentation attached to this ECA. Any design optimization or modification shall be clearly identified, along with an explanation of the reasons for the change. The plans and specifications pertaining to the final detailed design and operations of the landfill shall include the following:

(i) Design drawings and specifications;
(ii) A detailed quality assurance/quality control (QA/QC) program for construction of the Major Works, including necessary precautions to avoid disturbance to the underlying soft sensitive grey silty clay deposit; and
(iii) Details on the monitoring, maintenance, repair and replacement of the engineered components of the leachate management system, gas management system and leachate recirculation (or liquid addition) system.

23.3 The Owner shall construct the Major Works in accordance with the approved final detailed design and shall implement the QA/QC procedures as approved by the Director.

24.0 Final Detailed Design and Operations-Major Works

24.1 Stages 3B and 4 of the landfill shall be constructed and operated in accordance with the final detailed design (Items 137, 138, and 139 in Schedule "A") as approved by the Director.

24.2 Stages 5 and 6 of the landfill shall be constructed and operated in accordance with the detailed design and operations report listed as Items 146 and 147 in Schedule A.

24.3 For any changes to the final detailed design and operations for Stages 3B, 4, 5 and 6, the Owner shall apply for the Director's approval prior to implementation.

24.4 One (1) year before start of construction of the leachate recirculation system (or liquid addition to improve biodegradation) the Owner shall submit to the Director for approval a Design and Operations Plan for the leachate recirculation system including the following details as a minimum:

(i) Any changes to the existing method of landfilling/operations to accommodate and achieve the maximum benefit of recirculation:
- optimum density and type of daily cover for uniform moisture distribution;
- steps taken in landfilling to ensure uniform distribution of leachate throughout the waste mass and to avoid channelling and ponding of liquids; and
- waste preprocessing, etc.;

(ii) Management needs for increased volumes of landfill gas (collection system);

(iii) Procedures to accommodate increased Operations and Maintenance requirements;

(iv) Facilities for increase in leachate management requirements;

(v) Additional need for moisture for operational purposes;

(vi) How did you address the potential for increased odours, increase in explosion risk, physical instability of the landfill due to increased moisture and density, instability of liner systems due to increased weight from the increased density of the waste material?

(vii) Consideration to avoid surface seeps, landfill fires (hot spot detection or carbon monoxide monitoring);

(viii) Method of leachate distribution;

(ix) Factors considered in choosing leachate distribution system such as compatibility with current operations and material, withstand increased settlement, odour etc.;

(x) Moisture requirements depend on the site, geographical conditions, age of the waste mass. Flexibility of your system to adopt to changing needs of the recirculation rate;

(xi) Hydraulic capacity of the leachate recirculation system;

(xii) Field capacity of existing waste and the target field capacity of the system. Target field capacity should consider the stability of the landfill;

(xiii) Techniques to measure hydrostatic head on liner system and use of appropriate sensors;

(xiv) Data used for specific waste types and properties, that is used for slope stability analyses;

(xv) Assessment of geotechnical considerations due to changes in density, settlements, static and pseudostatic forces of waste mass throughout landfill life.;

(xvi) Precautions to prevent damage to existing structures (landfill gas collection system and

other waste management facilities) due to consolidation and differential settlement;

(xvii) Methods of monitoring effectiveness of distribution system in terms of liquid delivery to the appropriate location as well as uniform liquid delivery;

(xviii) An assessment of design life of leachate collection system and compliance with the regulation 232 requirements;

(xix) Monitoring plan for the leachate recirculation (or liquid addition) system for status of waste stabilization, progress, trouble shooting (instability of landfill mass, seepages, ponding, leachate head on liners) and/or process optimization; and

(xx) Optimization of landfill gas collection system (i.e. avoid flooding of gas collection system).

24.5 Alternative turf final cover system shall not be installed as part of interim cover or closure cover (including areas that are progressively closed), unless it is approved by the Director as part of the Closure Plan submitted under Condition 57.0.

25.0 As-Built Drawings

25.1 The Owner shall ensure that as-built drawings for all Major Works components are available on-site for inspection.

26.0 Site Preparation Report

26.1 The Owner shall not place any waste in a newly constructed area of the Site until a written report has been submitted to the Director and District Manager documenting all construction, QA/QC activities and confirming that the Site conditions and details of the construction of the new area are in accordance with the approved design plans and specifications for the Site.

27.0 Geotechnical Inspection

27.1 Excavation and construction within the soft sensitive grey silty clay underlying the Site shall be inspected by a qualified geotechnical engineer to ensure that construction proceeds in accordance with approved detailed design plans, specifications and QA/QC procedures. The results of inspections shall be included in the Site Preparation Reports for each Stage of landfilling.

OPERATIONS - LANDFILL

28.0 Landfill Fill Rate

28.1 The Landfill shall not exceed an average daily fill rate of 2,500 tonnes per day. The daily fill rate shall be averaged over the calendar year.

28.2 The Landfill shall not exceed an annual fill rate of 755,000 tonnes per year.

29.0 Landfill Capacity

29.1 The total waste disposal volume for the Landfill, including waste, daily cover and intermediate cover, excluding final cover, is the air space defined by the base contours and final contours, less the thickness of the leachate collection layer and final cover layer. The total design capacity is approximately 18,760,000 cubic metres, this includes 7,400,000 cubic metres for Stages 1, 2 and 3A, as described in Section 4.5 in Item 8 of Schedule "A", 4,200,000 cubic metres for Stages 3B and 4 as described in Section 4.11 in Item 137 of Schedule "A", and 7,160,000 cubic metres for Stages 5 and 6 as described in Section 4.11 in Item 146 of Schedule A of this ECA.

30.0 Waste Placement

30.1 No waste shall be landfilled outside the limits of landfilling for Stages 1, 2, 3A, 3B and 4 as shown in Drawing No. 31695TTJ-C-DG01 in Item 137 of Schedule "A" of this ECA.

30.2 No waste shall be landfilled below the base contours shown in Drawing D.3 in Item 10 in Schedule "A" for Stages 1, 2, and 3A, Drawing No. 31695TTJ-C-DG02 for Stage 3B and Drawing No. 31695TTJ-C-DG22 for Stage 4 in Item 137 of Schedule "A" of this ECA.

30.3 No waste shall be landfilled at any time above the final contours shown in Drawing D.3 in Item 10 of Schedule "A" for Stages 1, 2, and 3A, and 0.75 m lower than the final contours shown in Drawing No. 31695TTJ-C-DG03 for Stage 3B and Drawing No. 31695TTJ-C-DG23 for Stage 4 in Item 137 of Schedule "A" of this ECA.

31.0 Stages 5 and 6 Expansion

31.1 Notwithstanding Conditions 30.1, 30.2 and 30.3, waste placement in Stages 5 and 6 shall be in accordance with the waste footprint, base contours and final contours as depicted on the design drawings listed as Item 147 in Schedule A.

31.2 No waste shall be landfilled in Stages 5 and 6 unless an application to amend the Industrial Sewage Works ECA #7899-CBQP6L as required by Condition 36.4 a is submitted and subsequently approved by the Ministry.

31.3 Within 30 days of the issuance of this ECA, the Owner shall submit to the Director for approval, a revised Design and Operations report and Technical Specifications for Stages 5 and 6 to incorporate the response to the Ministry's review comments included in Items 148, 149 and 150 of Schedule A.

32.0 Buffer

32.1 A minimum buffer area width of 50 metres shall be maintained between the perimeter of the approved fill area and the property boundary of the Site.

33.0 Landfilling

33.1 Landfilling operations shall be conducted in accordance with Section 10.4 in Item 8 in Schedule "A"

attached to this ECA.

33.2 A thickness of at least 5 metres of compacted waste and cover material shall be maintained between any landfilled sludge (solid non-hazardous as per Reg. 347) and the granular leachate collection layer.

33.3 The Owner shall take all reasonable and necessary precautions during construction and operation to avoid disturbance to the soft sensitive grey silty clay deposit underlying the Site.

33.4 The leachate collection system piping in the Landfill shall be cleaned out in accordance with the following:

(i) For the first five years following placement of waste overtop of each pipe, flushing shall occur at least once per year, with visual inspections conducted to determine the need for more frequent cleaning.

(ii) After five years, flushing shall occur every three years and visual inspections shall be conducted if clogging of the leachate collection pipe is suspected or as otherwise needed.

(iii) Flushing and visual inspection in accordance with subsections (i) and (ii) above shall continue as such until written confirmation is received from the District Manager that the cleaning and visual inspection schedule may be altered. Video inspection shall be performed for the entire length of leachate collectors.

(iv) Clean-out devices or procedures that are capable of cleaning the full length of the longest leachate collectors (minimum 500 metres for Stage 5 cells) must be used for cleaning leachate collectors.

Assessment of the need to amend the cleaning frequency shall be based on regular inspections of the leachate collection system and monitoring results.

33.5 Stockpiling of excavated clayey soil in the area shown in Drawing S-1 (northwest corner of Site) of Item 8 in Schedule "A" shall be carried out in accordance with the following height restrictions:

Stockpile Slopes	Maximum Stockpile Height (metres)
2H:1V	4.0
3H:1V	4.0
4H:1V	4.5
5H:1V	5.0

33.6 The Owner shall ensure that at any time, only four landfill cells with a total surface area of no more than 17.4 ha shall be active, of which two open cells are used for active landfilling, and the other two cells are under intermediate cover.

33.7 The Owner shall ensure that adequate erosion and sediment control measures are implemented and maintained during site construction to prevent erosion and excess sediment.

34.0 Cover Material

34.1 Cover material shall be applied as follows:

(i) Daily Cover - At the end of each working day, the entire working face shall be covered with a minimum thickness of 150 mm of soil cover or an approved thickness of alternative cover material;
(ii) Intermediate Cover - In areas where landfilling has been temporarily discontinued for six (6) months or more, a minimum thickness of 300 mm of soil cover or an approved thickness of alternative cover material shall be placed; and
(iii) Final Cover - In areas where landfilling has been completed to final contours, a minimum 1.0 metre thick layer of final cover soil shall be placed. Fill areas shall be progressively completed and rehabilitated as landfill development reaches final contours. For Stage 5 and 6, final cover may be established in accordance with Section 4.9 of Item 146 of Schedule "A".

35.0 Alternative Daily and Intermediate Cover Material

35.1 The following materials are considered alternative cover materials and are approved for use on a permanent basis at the Site as either daily or intermediate cover material subject to the methods of application, material limitations and restrictions for use described in the supporting documentation and conditions in this approval:

(i) Geosynthetic Materials - Enviro Cover system (plastic cover material);
(ii) Waste materials considered to be solid non-hazardous waste - contaminated soils and dewatered and digested sewage and pulp mill stabilized sludges;
(iii) Spray applied materials - including polymer based foams and recycled cellulose material.
(iv) Waste materials considered to be solid non-hazardous waste including: auto fluff, shredder fluff, dredged materials, grill ash, tire shreds, processed organic shingles, wood chips, compost and foundry sand; and
(v) Non-hazardous waste fines material from the waste disposal site located at 197 Putman Industrial Road in Belleville, Ontario

35.2 Certain alternative cover materials shall be used according to the following schedule, which may be updated as necessary and kept on the Site at all times for inspection by Ministry staff:

Geosynthetic Materials - summer
Spray-Applied Materials - summer
Waste Materials - summer, fall, winter, spring

35.3 When the use of an alternative cover material cannot comply with the methods of application, material limitations and restrictions for use in the supporting documentation and these conditions, the Owner shall correct this situation by applying soil cover material in accordance with Condition 34.1.

35.4 The Owner shall keep daily records of the type and source of alternative cover materials used, location of use, weather conditions, any problems encountered and remedial actions taken. The daily records shall

be maintained on the Site at all times for inspection by Ministry staff.

35.5 Used geosynthetic materials may be disposed of in the Landfill only if punctured, shredded, or cut into thin strips prior to landfilling, to avoid perched leachate conditions and promote hydraulic connection throughout the waste mound.

35.6 Spray-applied materials shall be sprayed onto exposed waste in the working area from at least two directions in order to ensure adequate uniform coverage.

35.7 Waste materials used as cover material shall be solid non-hazardous, in accordance with Reg. 347, generated within Ontario, and consistent with Conditions 13.1 through 13.5.

35.8 Concurrence from the District Manager shall be obtained by the Owner prior to the receipt of waste material use as alternative cover material. Analytical results to confirm compliance with Reg. 347 may be required to support a request for concurrence.

35.9 Waste materials to be used as alternative cover material shall be considered as waste for the purposes of sections 14.0, 29.0 and 30.0 of this ECA regarding maximum annual and daily fill rates and section 10.0 regarding financial assurance.

35.10 When waste materials are used as alternative daily cover material, a minimum thickness of 150 mm shall be applied on the entire working face.

35.11 Low permeability soils, dredged materials, and sludges used as alternative cover material shall be scarified before placement of additional wastes overtop to avoid perched leachate conditions and promote hydraulic connection throughout the waste mound.

35.12 Use of any sludges as alternative cover material shall be in accordance with condition 33.2.

35.13 Odorous waste materials shall not be used as cover material.

35.14 Waste materials to be used as alternative cover material shall only be stockpiled in designated areas within a developed Landfill cell in the approved waste fill area, and not in buffer areas where ground water and surface water controls are not in place. Stockpiling of the waste materials shall be carried out in such a way as to avoid disturbance to the soft sensitive grey silty clay deposit underlying the Site (Condition 33.3). Stockpile height shall not exceed 5 metres and stockpile quantity shall be limited to a 10 day volume (approximately 10,000 tonnes of contaminated soil, which may be increased to 20,000 tonnes in Stage 6 once an additional soil pad in south of Stage 6 is constructed) of required cover material. Stockpiling of waste materials in excess of 10 days volume may be allowed by the District Manager, if the District Manager is satisfied that the waste material will not contribute to potential nuisances and adverse effects.

36.0 Leachate Collection, Treatment and Effluent

36.1 The Owner shall have a formal written agreement in place for the long-term treatment of leachate to be

generated at the Site at an approved facility.

36.2 The Owner shall provide a copy of the agreement to the Director and to the District Manager. The Director and District Manager shall be notified at least twelve (12) months in advance of the termination of the agreement.

36.3 a. The Owner shall obtain a written agreement with an approved waste water treatment facility for the treatment of treated effluent from the on-Site Leachate Treatment Facility. The agreement shall clearly state that the quality and quantity of the effluent is acceptable to the waste water treatment facility. The letter must specify the maximum volume per day that will be accepted by the facility(s). That volume (per day) must accommodate the approved yearly capacity of the Leachate Treatment Facility.

b. The Owner shall submit a copy of the agreement to the Director and District Manager within thirty (30) days of issuance of this ECA.

36.4 The Owner shall commence construction of the Leachate Treatment Facility (LTF) upgrades as soon as practical upon MECP approval of the amended Sewage Works ECA No. 9768-DLEHW2. The upgraded LTF shall be fully commissioned within 3 years of the MECP approval of the upgrades.

36.5 a. The Owner shall ensure there is no effluent discharge during low flow period in Moose Creek.

b. Effluent discharge is only allowed provided that a minimum flow/effluent discharge ratio of 5:1 is maintained, and there is a minimum upstream flow rate of 60 L/s in Moose Creek. Sampling shall be carried out and documentation shall be prepared in accordance with the memo dated March 27, 2020 prepared by MECP Surface Water Specialist Lauren Forrester and the email dated June 12, 2020 from Candice McKay of MECP to Greg van Loenen of GFL.

c. Effluent discharge according to Condition 36.5 b is only allowed as a temporary mitigation measure prior to issuance of the amended Sewage Works ECA as required in Condition 36.4a, or in accordance with the Sewage Works ECA No. 7899-CBQP6L as amended.

36.6 The Owner shall ensure that the collected leachate is promptly removed from each landfill cell as required by Ontario Regulation 232/98. Under normal conditions (except during storm events and spring snowmelts), the leachate level within each landfill cell in stages 5 and 6 shall be kept at less than 1.5 metres over the landfill base clay surface.

37.0 Tire Shreds - Storage and Use in Leachate Collection Layer

37.1 Tire shreds shall be stored in an area within the buffer area in a location where surface water runoff is controlled and properly managed.

37.2 The total amount of tire shreds stockpiled at one time shall not exceed the amount required to construct the leachate collection blanket of an area that has been or is being prepared for the construction of the

leachate collection blanket.

37.3 The management and placement of tire shreds that exceed 300 cubic metres shall be in accordance with the Fire Protection and Prevention Act.

37.4 If the total stockpiled tire shreds exceeds 300 cubic metres, the storage period shall not exceed 90 days.

37.5 The Owner is permitted to use tire shreds as an alternative for gravel in the basal section of the leachate collection layer at the Site.

38.0 Landfill Gas Collection

38.1 Approval is granted for the conceptual landfill gas collection system at the Site subject to the conditions contained in the ECA and the documentation provided in Schedule "A". In addition, prior to commencement of construction of the landfill gas collection system at the site, the Owner shall provide to the Director for approval, the following additional information:

(i) full scale drawings of the landfill gas collection and flaring system stamped by a Professional Engineer showing the radius of capture of landfill gas and the direction of landfill gas flow;
(ii) a completed application for an approval under Section 9 of the EPA should any emissions or burning of landfill gas be needed;
(iii) the design and performance characteristics for any flare system if needed at the site;
(iv) an operation and maintenance manual that details required inspection and maintenance/replacement; and
(v) procedures for all system equipment within ninety (90) days of system operation.

38.2 Pursuant to Section 11.1 of Regulation 347, the landfill gas collection and flaring system design report listed as Item 105 in Schedule "A" is hereby approved.

38.3 (i) Stage 1 of the landfill gas collection system shall be operated in accordance with Items 106 through 108 in Schedule “A”.
(ii) Stage 2 of the landfill gas collection system shall be operated in accordance with Items 123 through 126 in Schedule “A”.
(iii) Stage 3 of the landfill gas collection system shall be operated in accordance with Items 133 through 135 in Schedule “A”.

38.4 In the event a gas well needs replacing due to damage or the well is deemed to be not functioning properly, the Owner may replace the gas well.

38.5 The Owner shall notify the District Manager in writing that a well is being replaced, no later than fourteen (14) days prior to replacement of the well. The replacement well shall be located at the same location as the replaced well or in the immediate vicinity of the well it is replacing.

38.6 If the landfill operations cause off-Site odour impact and the odour is confirmed to result from landfill

gas emissions from the active landfilling area (those areas not possessing an intermediate or final cover), the Owner shall forthwith implement mitigation measures that may include but is not limited to the installation of temporary landfill gas collection system in areas where an intermediate or final cover has not been constructed.

38.7 a. A surface landfill gas emission survey of the completed areas with final cover shall be conducted at least two times a year (summer and winter), to provide an indication of the performance of the final cover and the existing gas collection and control system, and to identify areas of the Site which require upgraded or additional gas collection and control facilities. Any observed deficiencies/problems shall be repaired as soon as practicable.

b. The surface emission survey shall be conducted for at least three consecutive years for each completed area, and shall only be discontinued if approved by the District Manager.

c. A summary of the results of the surface emission survey shall be included in the annual report.

38.8 Stages 3B and 4 of the landfill gas collection system shall be constructed in accordance with Item 140 of Schedule "A".

38.9 a. The following triggers for initiation of contingency measures for header pipes upgrade shall be followed:

i. a pressure fluctuation of greater than 0.5 psi within 5 seconds on the wellfield inlet pressure transmitter on Blower Skid #2 is detected;

ii. the daily average overall gas flow rate is less than 90% of the peak flow rate. The peak flow rate shall be determined by the Owner within one month of completion of Stage 4 gas collection system and shall be approved by the Ministry.

b. In the event any one of the trigger criteria in Condition 38.10 a. is reached, the Owner or Operator shall immediately conduct a wellfield investigation to identify the source of the problem.

c. If it is determined that the triggers are caused by condensate accumulation within the wellfield collection piping as a result of the excessive gas velocity in countercurrent sections of the main header piping, the Owner shall notify the Ministry in writing and submit an action plan on implementation of the contingency measures in accordance with Items 141 and 142 of Schedule "A" within 7 days of the determination.

d. Any changes to the trigger criteria shall be approved by the Ministry.

e. The data for pressure fluctuation and average gas flow rate shall be kept as part of daily records and made available for the Ministry's inspection upon request.

38.10 a. Stages 5 and 6 of the landfill gas collection system shall be constructed in accordance with Items 151 and 152 of Schedule "A".

b. Within ninety (90) days of the commissioning of the first phase of Stage 5 landfill gas collection system, the Owner shall submit to the Director, with copy to the District Manager, an updated Operation and Maintenance Manual for the landfill gas collection system.

OPERATIONS - WASTE TRANSFER AND PROCESSING STATION

39.0 Establishment and Operation

39.1 The Owner is approved to establish and operate a Waste Transfer and Processing Station in accordance with Item 120 of Schedule "A" for the collection, transfer, sorting and processing of recyclable municipal waste including:

(i) Blue box waste as defined in Ontario Regulation 273/02;
(ii) Waste electrical and electronic equipment;
(iii) Tires; and
(iv) Construction and demolition waste.

40.0 Approved Waste Quantities

40.1 The amount of waste that may be received at the Waste Transfer and Processing Station shall not exceed the following amounts:

(i) annualized average of 875 tonnes of waste per day equivalent to a maximum of 265,000 tonnes of waste per year; and
(ii) 1,050 tonnes of waste in any one day.

40.2 The amount of residual waste that may be transferred from the Waste Transfer and Processing Station for final disposal shall not exceed 265,000 tonnes per year.

40.3 The maximum amount of waste, including unprocessed waste, in-process waste, processed waste and residual waste that may be stored at the Waste Transfer and Processing Station at any one time shall not exceed 250 tonnes.

40.4 In the event that residual waste and/or processed waste cannot be transferred from the Waste Transfer and Processing Station, the Owner shall cease accepting any additional waste.

41.0 Waste Storage

41.1 Waste must be stored in accordance with Item 120 of Schedule "A" and at a minimum the Owner shall ensure that:

(i) with the exception of waste being dropped off by the public, activities related to the unloading, processing and storing of incoming waste, in-process waste and residual waste shall be conducted and stored indoors at all times;
(ii) waste received from the public and deposited into roll-off bins shall not be stored outdoors for a period longer than one (1) hour after bins are full, and/or at the end of each business day;
(iii) waste is stored in compliance with the Ontario Fire Code; and
(iv) individual waste piles do not exceed an area of 1,000 square metres.

42.0 Processing

42.1 Processing carried out at the Waste Transfer and Processing Station is limited to the sorting, transfer and baling of recyclable waste and as described in the Waste Transfer and Processing Station Design and Operations Report amended as Item 120 of Schedule "A"

42.2 The Owner shall maintain, at the Waste Transfer and Processing Station, a log book which records daily, the following information:

(i) date of record;
(ii) quantity of waste received;
(iii) quantity of waste stored at Waste Transfer and Processing Station;
(iv) quantity of residual waste disposed at the Landfill.

43.0 Cessation and Closure of Transfer/Processing Operations

43.1 A written closure plan shall be submitted to the Director and District Manager six (6) months prior to the closure of the Waste Transfer and Processing Station. This plan must include, as a minimum, a description of the work that will be done to facilitate closure of the Waste Transfer and Processing Station and a schedule for completion of that work.

43.2 Within ten (10) days after closure of the Waste Transfer and Processing Station, the Owner shall notify the District Manager, in writing, that the Waste Transfer and Processing Station is closed and that the closure plan has been implemented.

OPERATIONS - COMPOSTING FACILITY

44.0 Waste Types for Composting

44.1 The Composting Facility shall only accept non-hazardous domestic, commercial, institutional and industrial organic waste or SRM for composting as per Section 2.3 in Item 66 of Schedule "A" subject to the following limitations:

(i) only digested or undigested, dewatered biosolids shall be composted at the Composting Facility;

(ii) wood, wood chips, saw dust and wood ash shall be derived from Wood Waste or virgin wood;
(iii) slaughterhouse sludge shall not be composted in the non-SRM bunkers which may be destined for public use; and
(iv) SRM shall be composted in the SRM composting bunkers with written notification to the Director and District Manager.

45.0 Waste Quantities for Composting

45.1 The Owner shall ensure that the amount of waste received at the Composting Facility does not exceed:

(i) 400 tonnes per day of biosolids, non-hazardous mixed organic waste and/or non-hazardous liquid organic waste;
(ii) 250 tonnes per day of SRM; and
(iii) 500 tonnes per day of bulking agents.

45.2 Notwithstanding Condition 45.1, the Owner shall ensure that the Composting Facility does not receive more than:

(i) 120,800 tonnes per year of feedstock (excluding SRM) for composting;
(ii) 10,000 tonnes per year of biosolids destined only for direct land application as a non-agricultural source material in accordance with the NMA:
(iii) 12,000 tonnes per year SRM; and
(iv) 120,000 tonnes bulking agents.

46.0 Waste Storage

46.1 The Owner shall ensure that all waste for composting is received, processed and stored as per Item 66 of Schedule "A"

46.2 The Owner shall ensure that the following maximum storage capacities are not exceeded:

(i) a maximum of 500 tonnes feedstock;
(ii) a maximum of 1000 tonnes biosolids for transfer;
(iii) a maximum of 1000 tonnes of bulking agents indoor and 50,000 tonnes outdoor;
(iv) a maximum of 16,000 tonnes of compost in the active composting stage in the bunkers;
(v) a maximum of 25,000 tonnes of compost in the curing stage; and
(vi) a maximum of 10,000 tonnes of Finished Compost.

46.3 The Owner may store waste received for composting in accordance with the table titled "LEI Composting Facility; Daily, Annual and Storage Limits" included in the Item 62, Schedule"A" of this ECA subject to the following limitations:

(i) SRM destined for composting is incorporated into the composting process the day of the receipt;

(ii) Food Waste is incorporated into the composting process on the day of the receipt except when this is impractical, they should be blended with bulking agents on the day of receipt and incorporated into the composting process no more than 72 hours of receipt; and
(iii) odorous components of the bulking agents and of the wet leaf and yard waste, excluding the leaves, shall be incorporated into the composting process within four (4) days of receipt;

46.4 Notwithstanding Condition 46.3, the Owner shall ensure that the indoor storage area for Food Waste, manure, Wet Leaf and Yard Waste and the tipping floor are cleared and cleaned on a weekly basis.

46.5 The Owner shall ensure that storage of bulking materials are in accordance with section 2.6 of Item 66 of Schedule "A".

47.0 Processing

47.1 The Owner shall ensure that:

(i) waste accepted as feedstock for Category AA compost does not exceed the criteria for trace metals listed in Column 1, Table 1 of Schedule "G"; and
(ii) waste accepted as feedstock for Category A compost does not exceed the criteria for trace metals listed in Column 2, Table 1 of Schedule "G" and the feedstock contains a maximum of 25% biosolids;
(iii) waste accepted as feedstock for Category B compost does not exceed the criteria for trace metals listed in Column 2, Table 1, of Schedule "G".

47.2 Notwithstanding Condition 45.1, feedstock that does not meet the criteria for trace metals listed in Schedule "G" may be composted for use only as daily and/or intermediate landfill cover.

47.3 The Owner shall ensure that compost feedstock from industrial, commercial and institutional sources are of acceptable quality by:

(i) screening waste generators and their waste streams and limiting the receipt of waste from approved waste generators only;
(ii) visually inspecting all incoming waste loads;
(iii) immediately rejecting any waste which does not comply with this ECA or is of unacceptable quality; and
(iv) if the acceptability of the feedstock is in doubt, verifying the quality through an on-going testing program.

47.4 The Owner shall ensure that the operation at the Composting Facility meets the following requirements:

(i) waste shall be composted indoors, in aerated concrete channels which have been additionally covered as described in Item 66 of the attached Schedule "A";
(ii) waste shall be subjected to an active composting phase for a minimum of 21 days;

(iii) during the active composting phase, all waste being composted shall:

(a) reach and maintain a temperature of at least 55°C for a minimum of three (3) consecutive days to inactivate pathogens; and

(b) reach and maintain a minimum temperature of at least 40 °C for at least 14 of the 21 days of active composting; and

(c) maintain an average temperature of at least 45 °C throughout the active composting phase;

(iv) during the active composting phase, the temperature of the waste being composted shall be monitored and recorded hourly; and

(v) during the active composting phase, the composting waste will be turned regularly and no less than five (5) times.

47.5 The Owner shall prevent pathogenic cross-contamination during the composting process as follows:

(i) 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 Immature Compost or the Finished Compost, except in the case where the Immature Compost or the Finished Compost is being fed back into the composting process; and

(ii) with respect to the turner, upon completion of the turning in one channel, the turner will be operated for at least an additional two (2) minutes without coming into contact with any material to clear the turner. The turner shall be cleaned with compressed air or pressure washed and visually inspected to confirm that the conveyors have been cleared before being moved to the next channel.

47.6 Upon completion of the active composting phase, the Owner shall:

(i) cure the Immature Compost for a minimum of twenty one (21) days; and

(ii) verify that the compost has reached maturity by demonstrating that it meets one of the following maturity criteria:

(a) O_2 consumption rate = 400 mg/kg of organic matter per hour; or

(b) CO_2 production rate = 4 mg of C from CO_2 / g of organic matter per day.

47.7 Prior to being released off Site for use, Finished Compost shall be monitored for quality as follows:

(i) as a minimum, a composite sample, consisting of a minimum of ten (10) representative grab samples, shall be collected for every 500 tonnes of the Finished Compost produced during the first four (4) months of operation;

(ii) as a minimum, following the first four (4) months of operation, a composite sample, consisting of a minimum of ten (10) representative grab samples, shall be collected every two (2) months representing all Finished Compost generated within the preceding sixty (60) days or every 5,000 tonnes of Finished Compost, whichever comes first;

(iii) if non-compliance with the compost quality criteria has taken place during three (3) consecutive sampling events, the Owner shall sample and test the Finished Compost in accordance with

Condition 47.7(i) until compliance with the compost criteria is demonstrated again; and

(iv) samples shall be analyzed for criteria listed in this ECA; and

(v) all production records shall be reviewed to ensure temperature and residency time requirements for pathogen inactivation have been met.

47.8 Finished Compost that meets the maturity criteria listed in Condition 47.6 and the quality criteria listed in Column 1, Table 2 of Schedule "G" may be transferred off Site:

(i) for unrestricted use as Category AA compost; or

(ii) for use as a non-agricultural source material in accordance with the NMA; or

(iii) for use as alternative daily, interim or final Landfill cover.

47.9 Finished Compost that meets the maturity criteria listed in Condition 47.6 and the quality criteria listed in Column 2, Table 2 of Schedule "G" may be transferred off Site;

(i) for unrestricted use as Category A compost provided that the labelling requirements as specified in the Ministry's Ontario Compost Quality Standards dated July 2012, as amended from time to time, are met; or

(ii) for use as a non-agricultural source material in accordance with the NMA; or

(iii) for use as alternative daily, interim or final Landfill cover.

47.10 Finished compost that meets the maturity criteria listed in Condition 47.6 and the quality criteria listed in Column 3, Table 2 of Schedule "G" shall be transferred off Site:

(i) for use as a non-agricultural source material in accordance with the NMA; or

(ii) for use as alternative daily and/or interim Landfill cover; or

(iii) for use at a waste disposal facility approved to receive this type of waste.

47.11 Finished Compost that meets the metals and foreign matter quality requirements listed in Table 2 of Schedule "G", but did not achieve the pathogen inactivation time or temperature requirements, or exceeds the pathogen quality requirements listed in Table 2 of Schedule "G", may be returned to the composting process for re-processing. Alternatively, the Finished Compost may be segregated from all other waste and compost and disposed of in accordance with Regulation 347 and the EPA or may be used as alternative daily or intermediate cover in the landfill.

47.12 Finished Compost that meets the metals and foreign matter quality requirements listed in the attached Schedule "G" of this ECA, but does not meet the maturation criteria from Condition 47.6, shall be re-tested and/or shall continue to undergo the curing process until the maturation criteria are met. Alternatively, the Finished Compost may be segregated from all other waste and compost and disposed of in accordance with Regulation 347 and the EPA or may be used as alternative daily or intermediate cover in the landfill.

47.13 Finished Compost that exceeds the metal quality requirements listed in the attached Schedule "G" of this ECA shall be segregated from all other waste and compost and shall be disposed of in accordance with Regulation 347 and the EPA or may be used as alternative daily or intermediate cover in the

Landfill.

47.14 All analysis required in this ECA for the purpose of verifying compliance with the requirements of this ECA shall be undertaken in accordance with the document entitled “National Standard of Canada CAN/BNQ 0413-200/2005 Organic Soil Conditioners – Composts”, dated 2005, as amended.

47.15 Unless otherwise specified by the conditions of this ECA, the Owner shall comply with the requirements of the Ministry's documents entitled "Guideline for the Production of Compost in Ontario" dated July 2012 and "Ontario Compost Quality Standards", dated July 2012, as amended.

47.16 Composting process equipment and receiving floor area shall be cleaned at the end of each operating day to control sources of potential odours.

47.17 The Owner shall maintain a negative air pressure atmosphere within the Composting Facility at all times. In the event that adequate negative air pressure can not be maintained, the Owner shall cease accepting additional waste and shall keep the loading bay doors closed until such time that negative pressure is re-established.

47.18 The Owner shall ensure that the doors in the Composting Facility are kept closed at all times except to permit the entry or exit of persons, vehicles or processing equipment.

47.19 The Owner shall ensure that air from the Composting Facility shall be exhausted through appropriate air pollution control equipment approved by the Ministry at all times.

47.20 The Owner shall develop and implement a preventative maintenance program for all on-Site equipment associated with the processing and managing of Composting Facility materials in accordance with manufacturers' recommendations. The preventative maintenance program shall be maintained on-Site and shall be available for inspection by a Provincial Officer upon request.

48.0 Specific Risk Material Composting

48.1 Composting of SRM as a contingency measure to the landfilling of SRM is approved.

48.2 Operation of any part of the SRM composting shall only be done by Trained Personnel.

48.3 The Owner shall prevent cross-contamination between SRM and non-SRM during the composting process. The Owner shall ensure that the equipment used in handling SRM is kept separate from the non-SRM handling equipment. Before any movement of personnel from SRM side to non-SRM side or other areas of the Composting Facility, the Owner shall implement a procedure to prevent any cross-contamination.

48.4 SRM shall be managed as per Sections 3.2 of item 66 of Schedule "A" except for the end use of the composted SRM which shall be in accordance with Condition 48.5 and 48.6.

48.5 Composted SRM is still considered SRM and shall be managed in accordance with the Canadian Food

Inspection Agency protocol for SRM and disposed of in a waste disposal site approved for such disposal.

48.6 Composted SRM must be dyed in accordance with the Canadian Food Inspection Agency protocol for SRM.

48.7 The Owner shall ensure that all SRM is handled with dedicated equipment and composted in a dedicated bunker.

48.8 The Owner may process non-SRM waste with the SRM-dedicated equipment until the first-time processing of the SRM waste.

48.9 Should the Owner decide to process non-SRM waste with the SRM-dedicated equipment following the first time processing of the SRM waste, the Owner shall decontaminate the equipment in accordance with the decontamination procedure specified by the Canadian Food Inspection Agency. The composted non-SRM waste shall only be used as daily or interim cover for the Landfill. The Owner shall document locations where such composted material was used as Landfill cover.

49.0 Composting Contingency Planning

49.1 An operational contingency plan for the Composting Facility shall be prepared and maintained at the Site. The operational contingency plan shall include, as a minimum, the following:

(i) list of person(s) responsible for this Composting Facility including phone numbers and work location and after-hours contact phone number;
(ii) procedures to be followed in the event of an operational upset such as, but not limited to, equipment malfunction, power failure, labour disruptions etc;
(iii) procedures to be followed in the event a leak is detected in any of the underground storage tanks during monthly testing and for leakproofing the tank;
(iv) procedures to be followed in the event that the Composting Facility has reached maximum approved capacities or is unable to except additional waste for other reasons; and
(v) list of alternate facilities to which waste and/or composting material can be re-directed if required.

49.2 The Owner shall have in place a contingency plan specifically for all odour control equipment. This contingency plan shall include, but not be limited to:

(i) measures to be taken in the event of a malfunction of the odour control equipment;
(ii) measures to be taken in the event that the odour control equipment does not meet performance criteria in place for the Composting Facility as required by any separate Environmental Compliance Approval document (ie. Air)
(iii) measures to be taken to alleviate any odour impacts caused by either a malfunction or non-performance;

(iv) if the measures required by condition 49.2(iii). above do not successfully resolve odour impacts, or if terms and conditions of the separate Environmental Compliance Approval document (ie. Air) for the biofilter can not be consistently met, a contingency plan for the orderly cessation of the Composting Facility until such time as the problem can be resolved, up to and including stopping the receipt of feedstock for the Composting Facility, immediate removal of all food waste, wet leaf and yard waste, leaf and yard waste, and immediate removal of material in the active composting phase if the circumstances warrant these actions;

(v) trigger mechanisms for implementation of 49.2(iv). above; and

(vi) a schedule for reporting to the District Manager.

49.3 The contingency plans required by Conditions 49.1 and 49.2 shall be kept in a central location, available to all staff and available for inspection by a Provincial Officer upon request. A copy of this plan shall also be submitted to the District Manager for reference.

49.4 If in the opinion of the District Manager, failure of the air emission control equipment and/or any other process upset or malfunction result in odour complaint(s), the Owner shall, immediately upon receipt of the written or verbal notification from the District Manager, implement additional odour control measures in accordance with the contingency plan.

49.5 In the event that the additional odour control measures are found to be ineffective, the Owner shall cease accepting additional waste for the Composting Facility and, at the discretion of the District Manager, shall remove all waste associated with the Composting Facility from the processing building, until such time as the failure or malfunction is rectified.

50.0 Cessation and Closure of Composting Facility

50.1 A written closure plan shall be submitted to the Director and District Manager six (6) months prior to the closure of the Composting Facility. This plan must include, as a minimum, a description of the work that will be done to facilitate closure of the Composting Facility and a schedule for completion of that work; and

50.2 Within ten (10) days after closure of the Composting Facility, the Owner shall notify the District Manager, in writing, that the Composting Facility is closed and that the closure plan has been implemented.

SITE INSPECTIONS, MAINTENANCE AND RECORD KEEPING

51.0 Site Inspections and Maintenance

51.1 The Owner shall ensure that:

(i) this Site has a written comprehensive inspection program which includes all aspects of this Site's operations;

(ii) this Site is to be inspected daily by trained personnel for any nuisances, deterioration or discharges and to ensure this Site is being operated in accordance with this ECA; and
(iii) all major structural components, including Major Works, structural beams, supports, foundations, roof components and external siding and all facility systems and sub-systems including HVAC and odour control systems, electrical distribution, drainage systems and pumps shall be inspected at least annually.

51.2 For any deficiencies noted during inspections, the Owner shall:

(i) forthwith initiate procedures to rectify the deficiency; and
(ii) shall rectify the deficiency as soon as practical.

52.0 Record Keeping

52.1 All records required by the conditions of this ECA shall be kept in either written or electronic format in a manner which can be presented in a timely fashion to a Provincial Officer for inspection upon request.

52.2 The Owner shall ensure that daily waste records and Site inspection records are prepared, based on Sections 6.7 and 6.9 in Item 112 in Schedule "A" attached to this ECA, and retained at the Site for at least two (2) years after they are made for inspection by the Ministry. The records shall include the following information:

(i) The type, date and time of arrival, hauler, and quantity (tonnes) of all waste and cover material received at the Site including any analytical data received to characterize the waste;
(ii) date, quantity and destination of residual wastes transferred from the Site;
(iii) date, quantity and destination of processed wastes transferred from the Site.
(ii) The area of the Site in which Landfill operations are taking place;
(iii) Any complaints from the public received by the Owner and a description of the action taken by the Owner in response;
(iv) A calculation of the total quantity (tonnes) of waste received at the Site during each operating day and each operating week;
(v) The amount of any leachate removed, or treated and discharged from the Site;
(vi) A record of litter collection activities and the application of any dust suppressants;
(vii) A record of the inspections of any control, treatment, disposal or monitoring facilities; and
(viii) A description of any out-of-service period of any control, treatment, disposal or monitoring facilities, the reasons for the loss of service, and action taken to restore and maintain service.

52.3 The Owner shall maintain a record of all occurrences of receipt of unacceptable waste at the Site. This record shall include, as a minimum, the following information:

(i) waste generator;
(ii) type of unacceptable waste;
(iii) amount of unacceptable waste;
(iv) location where unacceptable waste was transferred to; and
(v) actions taken to prevent a recurrence in future.

52.4 The Owner shall maintain a record of all quality control sampling and testing activities as required by Condition 47.7. This record shall include, as a minimum, the following information:

(i) sample collection locations and volume of the samples collected;
(ii) day and time of collection;
(iii) parameters tested for and the resulting concentrations; and
(iv) conclusions drawn with respect to the results of the testing.

52.5 The Owner shall maintain a record of all emergency situations at the Site. This record shall include, as a minimum, the following information:

(i) type of the emergency situation and the resulting environmental impact if any;
(ii) date, time, location and cause of the emergency situation;
(iii) actions taken to address any resulting impact;
(iv) description of how any waste generated as a result of the emergency situation was stored and/or removed from the Site; and
(v) actions taken to prevent the re-occurrence of a similar emergency situation in the future.

52.6 The Owner shall maintain a record of the Site inspections as required by Condition 51.1. This record shall include, as a minimum, the following information:

(i) name and signature of trained personnel conducting the inspection;
(ii) date and time of the inspection;
(iii) list of equipment and areas inspected;
(iv) a list of all deficiencies observed; and
(v) date when repair procedure is initiated, a description of the repair and completion.

52.7 A record must be kept for each day on which SRM is received, deposited, incorporated into the composting channel and removed from the composting channel. Records must include the following:

(i) name and address of the person transporting SRM to the Landfill ;
(ii) Canadian Food Inspection Agency permit number for conveyance;
(iii) date received;
(iv) combined weight of the SRM and carcasses or parts of carcasses received;
(v) the date landfilled (if different from date received); and
(vi) location of SRM within the landfill site as identified by a method such as surveying , GPS, etc.

EMERGENCY RESPONSE AND CONTINGENCY MEASURES

53.0 Emergency Response and Reporting

53.1 An emergency response plan shall be developed and maintained at the Site. The emergency response plan shall include, as a minimum, the following:

(i) list of emergency phone numbers for the local Ministry office, Ministry's Spill Action Centre and local fire department;
(ii) measures to prevent fires;
(iii) a list of available fire fighting equipment;
(iv) measures for spill/fire alerting, containment, clean-up, treatment and disposal;
(v) maintenance and testing program for spill/fire related equipment;
(vi) training of Site operators; and
(vii) Site plan.

53.2 Up-to-date copies of the contingency plan and emergency response plan shall be kept on Site in a central location available to all staff and for inspection by a Provincial Officer. A copy of this plan shall also be submitted to the District Manager for reference.

53.3 All equipment and materials outlined in the emergency response plan shall be kept in a good state of repair, fully operational and immediately available for use; and

53.4 All Site personnel shall be fully trained in emergency response equipment and materials' use and in the procedures to be employed in the event of an emergency.

53.5 The emergency response plan shall be reviewed on an annual basis as a minimum. Specifically, the Owner shall ensure that the contact names and telephone numbers required by Condition 53.1(i) are up-to-date.

53.6 All spills, as defined in the EPA, shall be immediately reported to the Ministry's Spill Action Centre at 1-800-268-6060 and shall be recorded in a written log or an electronic file format, as to the nature of the spill, and action taken for clean-up, correction and prevention of future occurrences.

ENVIRONMENTAL MONITORING

54.0 Environmental Monitoring Program

54.1 The Owner shall carry out monitoring programs for groundwater, surface water, leachate, landfill gas,dust, noise and biology, as described in Section 6 in Item 137 in Schedule "A" attached to this ECA, and more specifically, Schedules "B", "C", "D", "E" and "F", attached to this ECA.

54.2 Any proposed changes to the monitoring programs shall be approved in advance by the Director via an amendment to this ECA.

54.3 The Owner shall ensure that all groundwater monitoring wells which form part of the monitoring program are to be properly capped, locked and protected from damage.

54.4 Any groundwater monitoring wells included in the ongoing monitoring program that are damaged shall be assessed, repaired, replaced or decommissioned by the Owner, as required

54.5 The Owner shall repair or replace any monitoring well which is destroyed or in any way made to be inoperable for sampling such that no more than one regular sampling event is missed.

54.6 All monitoring wells which are no longer required as part of the groundwater monitoring program, and have been approved by the Director for abandonment, shall be decommissioned by the Owner, in accordance with Reg. 903. A report on the decommissioning of the well shall be included in the annual monitoring report for the period during which the well was decommissioned.

LANDFILL TRIGGER CRITERIA AND CONTINGENCY PLANS

55.0 Trigger Mechanisms and Contingency Plans

55.1 In the event of unexpected but possible exceedance of a site specific trigger level relating to groundwater (Schedule B of this ECA) or surface water impacts due to leachate, the Owner shall immediately re-sample the location to verify the exceedance.

55.2 Should the re-sample result verify the exceedance, the Owner shall immediately notify the District Manager, and an investigation into the cause and the need for implementation of remedial or contingency actions shall be carried out by the Owner in accordance with the trigger mechanisms and associated contingency plans established in Items 112 and 113 in Schedule "A" attached to this ECA.

55.3 Any proposed changes to the site specific trigger levels for groundwater and surface water impacts shall be approved in advance by the Director via an amendment to this ECA.

55.4 If monitoring results, investigative activities and implementation criteria indicate the need to implement contingency measures, the Owner shall ensure that the following steps are taken:

(i) The Director and District Manager shall be notified of the need to implement contingency measures;
(ii) Detailed plans, specifications and descriptions for the design, operation and maintenance of the contingency measures shall be prepared and submitted to the Director; and
(iii) The contingency measures shall be implemented upon approval by the Director.

55.5 Recirculation of contaminated storm water into landfill cells shall not be implemented as a contingency measure for storm water management unless otherwise approved by the Director.

COMMUNITY LIAISON COMMITTEE

56.0 Community Liaison Committee (CLC)

56.1 The Owner, in consultation with the host municipality, the Township of North Stormont, shall provide for the establishment of a Community Liaison Committee ("CLC") for the ·purpose of providing community review of the development, operation, on-going monitoring and maintenance, closure and post-closure care related to the Site. The CLC shall act as a vehicle for communication between the Owner and the local community and shall provide the opportunity for the CLC to make recommendations to the Owner and the Ministry, or any other appropriate authority, on matters of concern to people affected by the Owner's operations at the Site.

56.2 The general mandate of the CLC shall be to review and provide recommendations to the Owner and the Ministry, when appropriate, on the following:

(i) Landfilling operations at the Site;
(ii) All other operations at the Site;
(iii) Annual operating and monitoring reports for the Site;
(iv) Proposed changes to the ECA(s) for the Site; and
(v) Complaints and complaint response procedures and any other matters of concern to the local community.

56.3 Membership on the CLC shall be available on the following basis:

(i) Two (2) representatives of the Owner;
(ii) One (1) representative of the Township of North Stormont;
(iii) One (1) non-voting representative of the Ministry; and
(iv) Two (2) local community representatives who reside in North Stormont Township or in Nation Municipality.

56.4 The Owner shall allow the CLC to prepare Terms of Reference for the CLC. The Owner shall submit a copy of the Terms of Reference for establishing and operating the CLC to the Regional Director and District Manager for information purposes. Any subsequent changes to the Terms of Reference for the CLC shall be forwarded to the District Manager. A copy of the Terms of Reference for the CLC shall be publicly available.

56.5 The Owner, in conjunction with the CLC, shall establish a public complaints response procedure, based on Section 12.3 in Item 8 in Schedule "A" attached to this ECA, and that includes the following:

(i) Circulate on a quarterly basis all complaints received to members of the CLC, and keep a public record at the Site office. Copies of complaint forms shall be available at the Site office;
(ii) Establish and maintain a twenty-four (24) hour emergency telephone number to receive any complaints and to respond as soon as possible. Written responses to a complaint are to be provided by the Owner within ten (10) days of receipt of a complaint;
(iii) Record the name and address of the complainant if given, and the date, time and nature of the complaint;
(iv) Review with the CLC at least twice annually, all complaints about the operations of the Site and the Owner's response/action. Complaints that are not resolved within a period of ninety (90) days

shall be referred to the CLC for review and resolution; and

(v) Summarize all complaints and the Owner's responses/actions in the annual report.

56.6 The summary of the complaints response procedure shall be forwarded to the Regional Director, District Manager and all properties within 1,500 metres of the Site property boundaries on an annual basis.

LANDFILL CLOSURE

57.0 Closure Plan

57.1 At least two (2) years prior to the anticipated date of closure of this Landfill or the date 90 per cent of the total waste disposal volume of the Landfill is reached, whichever occurs first, the Owner shall submit to the Director for approval, with copies to the District Manager and the CLC, a detailed site closure plan pertaining to the termination of landfilling operations at this Site, post-closure inspection, maintenance and monitoring, and end use, based on Section 9.0 in Item 112 in Schedule "A" attached to this ECA. The plan shall include the following:

(i) A plan showing Site appearance after closure;

(ii) A description of the proposed end use of the Site;

(iii) Descriptions of the procedures for closure of the Site, including:

- (a) Advance notification of the public of the Landfill closure;
- (b) Posting of a sign at the Site entrance indicating the Landfill is closed and identifying any alternative waste disposal arrangements;
- (c) Completion, inspection and maintenance of the final cover and landscaping;
- (d) Site security;
- (e) Removal of unnecessary structures, buildings and facilities;
- (f) Final construction of any control, treatment, disposal and monitoring facilities for leachate, groundwater, surface water and landfill gas; and
- (g) If necessary, closure activities for the Waste Transfer and Processing Station and/or Composting Facility as per conditions 43.1 and 50.1.

(iv) Descriptions of the procedures for post-closure care of the Site, including:

- (a) Operation, inspection and maintenance of the control, treatment, disposal and monitoring facilities for leachate, groundwater, surface water and landfill gas;
- (b) Record keeping and reporting; and
- (c) Complaint contact and response procedures;

(v) An assessment of the adequacy of and need to implement the contingency plans for leachate and methane gas;

(vi) An updated estimate of the contaminating life span of the Site, based on the results of the monitoring programs to date; and

(vii) An update of the cost estimates for financial assurance and the amount which has been provided to the Director to date.

ANNUAL REPORTING

58.0 Annual Report

58.1 The Owner shall prepare an annual report on the development, operations and monitoring of the Site, based on Section 7.9 in Item 112 in Schedule "A" attached to this ECA. The report shall be submitted to the Regional Director, the District Manager and the CLC, on April 30th of each year, and shall cover the twelve (12) month period (calendar year) preceding. The report shall include the following:

(i) The results and an interpretive analysis of the results of all leachate, groundwater, surface water and landfill gas monitoring, including an assessment of the need to amend the monitoring programs;
(ii) Determination of background water quality using methods detailed in Regulation 232.
(iii) An assessment of the operation and performance of all engineered facilities, the need to amend the design or operation of the Site, and the adequacy of and need to implement the contingency plans;
(iv) Site plans showing the existing contours of the Site; areas of landfilling operation during the reporting period; areas of intended operation during the next reporting period; areas of excavation during the reporting period; the progress of final cover, vegetative cover, and any intermediate cover application; previously existing site facilities; facilities installed during the reporting period; and site preparations and facilities planned for installation during the next reporting period;
(v) Calculations of the volume of waste, daily and intermediate cover, and final cover deposited or placed at the Landfill during the reporting period and a calculation of the total volume of Landfill capacity used during the reporting period;
(vi) A calculation of the remaining capacity of the Landfill and an estimate of the remaining site life;
(vii) A summary of the quantity of any leachate or pre-treated leachate removed from the Site or leachate treated and discharged from the Site during each operating week;
(viii) A summary of the weekly, maximum daily and total annual quantity (tonnes) of waste received at the Landfill ;
(ix) A summary of any public complaints received as a result of any Site operation by the Owner and the responses made;
(x) A discussion of any operational problems encountered at the Site and corrective action taken;
(xi) a summary describing any rejected waste including quantity, waste type, reasons for rejection and origin of the rejected waste;
(xii) a descriptive summary of any spills, incidents or other emergency situations which have occurred at the Site, any remedial measures taken, and the measures taken to prevent future occurrences;
(xiii) An update summary of the amount of financial assurance which has been provided to the Director; and
(xiv) any changes to the emergency response, contingency plans or the operations manual since the last annual report;
(xv) any recommendations to minimize environmental impacts from the operation of the Site and to improve Site operations and monitoring programs in this regard.
(xvi) Any other information with respect to the Site which the Regional Director may require from time to time.

58.2 The following information with respect to the Composting Facility and Waste Transfer and Processing Station shall be submitted at the same time as the annual report required in Condition 58.1, either under separated cover as a supplemental report or as part of the Annual report, and shall include the following:

(i) a monthly mass balance of the waste received, processed and transferred from the Composting Facility,and Waste Transfer and Processing Station, respectively, including waste type, quantity and disposal destinations;
(ii) an annual summary mass balance of the waste received, processed and transferred from the Composting Facility,and Waste Transfer and Processing Station,respectively, including waste type, quantity and disposal destination;
(iii) an annual summary of any deficiencies, items of non-compliance or process aberrations that occurred at the Composting Facility and/or Waste Transfer and Processing Station and any remedial/mitigative action taken to correct them;
(iv) a descriptive summary of any spills, incidents or other emergency situations which have occurred at the Composting Facility and/or Waste Transfer and Processing Station, any remedial measures taken, and the measures taken to prevent future occurrences;
(v) a summary describing any rejected waste including quantity, waste type, reasons for rejection and origin of the rejected waste;
(vi) any environmental and operational problems, that could negatively impact the environment, encountered during the operation of the Composting Facility and Waste Transfer and Processing Station or identified during the facility inspections and any mitigative actions taken;
(vii) any changes to the emergency response, contingency plans or the operations manual related to the Composting Facility,and Waste Transfer and Processing Station since the last annual report;
(viii) any recommendations to minimize environmental impacts from the operation of the Composting Facility and Waste Transfer and Processing Station and to improve operations in this regard.

SCHEDULE "A"

This Schedule "A" forms part of Environmental Compliance Approval No. A420018:

1. Application for Approval of a Waste Disposal Site, signed by Andre Lafleche, President, Lafleche Environment Inc., dated October 13, 1998.

2. Report entitled, "Lafleche Environment Inc., Eastern Ontario Waste Handling Facility (Phase 1 - Landfill), Environmental Assessment", dated May 1998.

3. Report entitled, "Lafleche Environment Inc., Eastern Ontario Waste Handling Facility (Phase I - Landfill), Appendix F: Biological Impact Assessment", prepared by Niblett Environmental Associates Inc., dated April 1998.

    (a) Report entitled, "Lafleche Environment Inc., Eastern Ontario Waste Handling Facility (Phase 1), Biological Impact Assessment (Southern Landfill Buffer Area)", dated September 1998.

4. Report entitled, "Hydrogeological and Geotechnical Characterization and Conceptual Design, Proposed Landfill Development, Part Lots 16, 17 and 18, Concession X, Township of Roxborough, Ontario", prepared by Golder Associates Ltd., dated June 1998.

5. Report entitled, "Appendix C- Hydrological Evaluation and Surface Water Impact Assessment for the Eastern Ontario Waste Handling Facility", prepared by J.F. Sabourin and Associates Inc., dated July 1998, updated September 1999, and with the addition of the following sampling parameters in Section 4.0, page 61: cobalt and aluminum.

6. Letter dated October 21, 1998, from P.A.S. Benson, P.Eng., and K.A. Marentette, Golder Associates Ltd., to M. Zimmer, P.Eng., Lafleche Environment Inc., Re: Response to MOE Comments on EA Submission.

7. Letter dated November 2, 1998, from P.A S. Benson, P.Eng., and P.A. Smolkin, P.Eng., Golder Associates Ltd., to D. Staseff, P.Eng., Ministry of the Environment, Re: MOE Requirements for Issuance of an EPA Certificate of Approval.

8. Report entitled, "Eastern Ontario Waste Handling Facility (Phase 1 -Landfill), Design and Operations Report", dated May 1999, including revised pages 91, 93 and 94 received by fax dated July 7, 1999. d

9. Order in Council 1241/99 dated May 5, 1999, and *Environmental Assessment Act,* Section 9, Notice of Approval to proceed with the Undertaking, Re: Eastern Ontario Waste Handling Facility, Phase 1 - Landfill, Township of North Stormont, Lafleche Environment Inc., EA File No. PR-LF-02T, including conditions set out in Attachment A.

10. Drawings for Design and Operations Report (Item 8 above) entitled:

    (a) D.1- Plan of Existing Conditions, drawn & checked July 1999, received August 10, 1999.

(b) D2- Landfill Development Plan, drawn & checked July 1999, received August 10, 1999.
(c) D3- Site Plan and Cross Sections, undated, received August 10, 1999.

11 . Report entitled, "Eastern Ontario Waste Handling Facility (Phase 1 -Landfill), Financial Assurance Plan, dated September, 1999 (received September 23, 1999).

12. Letter dated September 28, 1999, from P.A. Smolkin, P.Eng., Golder Associates Ltd., to D. Staseff, P.Eng., Ministry of the Environment, Re: Final Design of Stage 1, Proposal to Utilize Tire Shreds, Leachate Collection System on Base Side slope Areas.

13. Letter dated October 19, 1999, from D. Staseff, P.Eng., Ministry of the Environment, to P.A. Smolkin, P .Eng., Golder Associates Ltd., Re: Final Design of Stage 1, Proposal to Utilize Tire Shreds, Leachate Collection System on Base Side slope Areas.

14. Letter dated October 21, 1999, from P .A. Smolkin, P .Eng., Golder Associates Ltd., to D. Staseff, P .Eng., Ministry of the Environment, Re: Tire Shreds on Base Side slope Areas of Leachate Collection System.

15. Laflèche Environment Inc., Eastern Ontario Waste Handling Facility, **Design Brief**, Stage 1 Landfill, Provisional Certificate of Approval No. A420018, Golder Associates Limited, November 1999.

16. Laflèche Environment Inc., Eastern Ontario Waste Handling Facility, **Quality Assurance Plan and Specifications**, Stage 1 Landfill, Provisional Certificate of Approval No. A420018, Golder Associates Limited, November 1999.

17. Laflèche Environment Inc., Eastern Ontario Waste Handling Facility, Landfill - Stage 1, **Design Drawings** - CS, S-1, S-2, S-3, SEC 1, SEC 2, DET 1, DET 2, E1, E2, Golder Associates Limited and J. L. Richards & Associates Limited, November 1999.

18. Fax dated December 23, 1999, from Paul Smolkin, Golder Associates Limited, to Dave Staseff, Ministry of the Environment, Re: Addenda to Technical Specifications, Stage 1 - Phase 1, Laflèche Eastern Ontario Waste Handling Facility.

19. Letter dated February 4, 2000, from P. A. Smolkin, P. Eng., Golder Associates Limited, to D. Staseff, P. Eng., Ministry of the Environment, Re: Provision of Additional Information and Clarification, Detailed Design - Stage 1 Landfill, Eastern Ontario Waste Management Facility, Provisional Certificate of Approval No. A420018 (Response to comments in letter dated January 31, 2000, from D. Staseff, P. Eng., Ministry of the Environment).

20. Letter dated March 2, 2000, from P. A. Smolkin, P. Eng., Golder Associates Limited, to D. Staseff, P. Eng., Ministry of the Environment, Re: Response to MOE Letter of February 28, 2000, Detailed Design - Stage 1, Eastern Ontario Waste Handling Facility, Provisional Certificate of Approval No. A420018 (Response to comments in letter dated February 28, 2000, from D. Staseff, P. Eng., Ministry of the Environment).

21. Report entitled "Site Preparation and Quality Assurance Monitoring, Phase 1, Stage 1, Eastern Ontario Waste Handling Facility, Moose Creek, Ontario", prepared by Golder Associates Limited, dated December 2000, and all appendices including:

    (a) Appendix A - Report on Assessment of Berm Stability and Design Modifications, South Exterior Containment Berm, Phase 1, Stage 1, Eastern Ontario Waste Handling Facility, prepared by Golder Associates Limited, dated December 2000.

    (b) Revised Detailed Design Drawings:

        S-2B - Landfill Stage 1 Site Plan - Rev. 3 - 28/11/00
        SEC 1 - Landfill Stage 1 Cross Sections - Rev. 6 - 05/12/00
        SEC 2 - Landfill Stage 1 Sections 2 - Rev. 6 - 28/11/00

22. Letter dated February 19, 2001, from P.A.S. Benson & P.A. Smolkin, Golder Associates Ltd., to D. Staseff, Ministry of the Environment, Re: Response to MOE Comments dated February 7, 2001 on Site Preparation and Quality Assurance Monitoring Report, Phase 1, Stage 1 - Eastern Ontario Waste Handling Facility, Laflèche Environment Inc., Certificate of Approval No. A420018.

23. Letter Report dated February 21, 2001, from P.A.S. Benson & P.A. Smolkin, Golder Associates Ltd., to D. Staseff, Ministry of the Environment, Re: Addendum to Report entitled "Report on Site Preparation and Quality Assurance Monitoring, Phase 1, Stage 1, Eastern Ontario Waste Handling Facility, Moose Creek, Ontario", Certificate of Approval No. A420018.

24. Letter dated March 7, 2001, from P.A.S. Benson & P.A. Smolkin, Golder Associates Ltd., to D. Staseff, Ministry of the Environment, Re: Response to MOE Letter dated February 22, 2001, Site Preparation and Quality Assurance Monitoring Report, Phase 1, Stage 1 - Eastern Ontario Waste Handling Facility, Laflèche Environment Inc., Certificate of Approval No. A420018 (MOE Ref. #2250-4TSRD8), including revised Figure 1 - Schematic Cross-Section Through Waste, Temporary Interim Waste Slopes, dated February 16, 2001.

25. Application for Approval of a Waste Disposal Site, signed by Martin Zimmer, General Manager, Laflèche Environment Inc., dated March 8, 2001.

26. Report entitled, "Laflèche Environment Inc., Eastern Ontario Landfill, Application to Amend Provisional Certificate of Approval No. A420018, Alternative Daily and Intermediate Cover Material", dated December 2000.

27. Letter dated July 10, 2001 from Martin Zimmer, Laflèche Environment Inc. to David Staseff, Ministry of the Environment, Re: Alternative Daily & Intermediate Cover Material, Laflèche Environment Inc. Eastern Ontario Landfill Site, Condition 32 - C of A No. A420018, MOE Ref. #3220-4USKSU, with responses to MOE comments dated July 5, 2001.

28. Letter dated September 5, 2001 from Martin Zimmer, Laflèche Environment Inc. to Dave Staseff, Ministry of the Environment, Re: Alternative Daily and Intermediate Cover, Laflèche Environment Inc.,

MOE Ref. #3220-4USKSU, with responses to MOE comments dated August 29, 2001.

29. Letter dated August 3, 2001, from M. J. Warren & P. A. Smolkin, Golder Associates Limited, to David Staseff, Ministry of the Environment, Re: Proposed Modifications to Dust Monitoring Program, Eastern Ontario Waste Handling Facility, Moose Creek, Ontario.

30. Application for a Provisional Certificate of Approval for a Waste Disposal Site, signed by Martin Zimmer, General Manager, Laflèche Environment Inc., dated August 8, 2001.

31. Letter dated August 3, 2001 from P. A. S. Benson, P. Eng. & P. A. Smolkin, P. Eng., Golder Associates Ltd., to D. Staseff, P. Eng., Ministry of the Environment, Re: Supporting Documentation to Request for Amendment to Certificate of Approval No. A420018, Laflèche Environmental Inc., Eastern Ontario Waste Handling Facility - Items #2 & #3.

32. Letter dated June 5, 2002 from P. A. S. Benson, P. Eng. & P. A. Smolkin, P. Eng., Golder Associates Ltd., to D. Staseff, P. Eng., Ministry of the Environment, Re: Response to MOE Comments [dated February 25, 2002 & March 20, 2002] on Technical Specifications - Revision 1 and Revised Construction Drawings, Laflèche Environmental Inc. - Eastern Ontario Waste Handling Facility, Stage 1, Certificate of Approval No. A420018.

33. Stage 1 Technical Specifications - Sections 2848-1 to 2848-7 (Revision 1, August 2, 2001), submitted with Item 31 in Schedule "A", as amended by Item 32 in Schedule "A".

34. Stage 1 Construction Drawings, submitted with Item 32 in Schedule "A":

    S-1 - Overall Site Plan - Rev. No. 5 - 06/01
    S-2 - Site Plan - Rev. No. 8 - 06/01
    S-3 - Landfilling Development/Sequencing - Rev. No. 5 - 06/01
    SEC 1 - Cross Sections - Rev. No. 7 - 06/01
    SEC 2 - Section 2 - Rev. No. 5 - 06/01
    SEC 2 (AR) - Sections 2 (AR) - Rev. No. 7 - 06/01
    SEC 3 - Sections 3 - Rev. No. 7 - 06/01
    DET 1 - Details 1 - Rev. No. 6 - 06/01
    DET 1 (AR) - Details 1 - Rev. No. 6 - 06/01
    DET 2 (AR) - Details 2 - Rev. No. 6 - 06/01

35. Letter dated December 2, 2002 from Martin Zimmer, P. Eng., Laflèche Environmental Inc., to the Director, Section 39, Environmental Protection Act, Re: Eastern Ontario Landfill C of A No. 420018, Administrative Amendment - Daily Volume, and the Application for a Provisional Certificate of Approval for a Waste Disposal Site, signed by Martin Zimmer, General Manager, dated December 3, 2002 (MOE Application Ref. #2691-5GVQAS).

36. Letter dated February 10, 2003 from Martin Zimmer, P. Eng., Laflèche Environmental Inc., to David Staseff, P. Eng., Ministry of the Environment, Re: Maximum Daily Fill Rate - Condition 14.1, Eastern

Ontario Landfill, C of A No. A420018, Application Reference #2691-5GVQAS (Response to letter dated February 7, 2003 from Dave Staseff, P. Eng., Ministry of the Environment, to Martin Zimmer, P. Eng., Laflèche Environmental Inc.)

37. Drawing number SEC1, Revision 8, entitled "*Landfill Stage 1 Cross Sections"* prepared by Golder Associates Ltd. and J.L. Richards Ltd. dated January, 2002.

38. Drawing number SEC3, Revision 9, entitled "*Landfill Stage 1 Sections 3"* prepared by Golder Associates Ltd. and J.L. Richards Ltd. dated February 2004.

39. Document entitled *"Suitability of Shredded Tires for use in Landfill Leachate Collection Systems"* prepared by A. Benson, M. Warith, E. Erman and R. Moore from the Proceedings of the 55th Canadian Geotechnical and 3rd Joint IAH-CNC and CGS Groundwater Specialty Conferences, Niagara Falls, Ontario, October 20 to 23, 2002.

40. Report entitled "An Experimental Examination of Biologically Induced Clogging of Tire Shreds" prepared by Reagan McIsaac and R. Kerry Rowe, dated December 2002.

41. Letter and associated attachments from P.A.S. Benson and P.A. Smolkin, Golder Associates Ltd., to Martin Zimmer, Lafleche Environmental Ltd., dated December 10, 2002.

42. Document entitled "*Technical Specifications Section 2848-6 Revision 2"* dated December 22, 2003

43. Drawing number DET1, Revision 7, entitled "*Landfill Stage 1 Details 1"* prepared by Golder Associates Ltd. and J. L. Richards Ltd. dated January, 2003.

44. Drawing number S-3, Revision 6, entitled "*Landfill Stage 1 Landfill Development/Sequencing"* prepared by Golder Associates Ltd. and J. L. Richards Ltd. dated January, 2003.

45. Document entitled *"Section 2848-5 Specifications Revision 2"* dated January 22, 2003.

46. Application for a Provisional Certificate of Approval for a Waste Disposal Site for the Lafleche Environmental Limited's Eastern Ontario Landfill dated January 22, 2003.

47. Letter dated January 24, 2003 from P.A.S. Benson and M.S. Snow, Golder Associates Limited to David Stassef, Senior Engineer, Waste Unit, EAAB, MOE.

48. Letter dated September 24, 2003 from Dave Stassef, Senior Engineer, Ministry of the Environment to Andrew Benson, Golder Associates Limited and Martin Zimmer, Lafleche Environmental Limited.

49. Letter and associated attachments from R. Kerry Rowe, Research Director, The University of Western Ontario to Martin Zimmer, Lafleche Environmental Inc. dated December 19, 2003.

50. Letter dated December 22, 2003 from P.A.S. Benson and P.A. Smolkin, Golder Associates Ltd., to Mr. Ian Parrott, Director, Section 39 EPA, MOE, EAAB.

51. Letter dated January 13, 2004 from Martin Zimmer, Lafleche Environmental Limited to Ian Parrott, Director Section 39 EPA, EAAB, MOE.

52. Drawing number SEC2, Revision 7, entitled "*Landfill Stage 1 Section 2"* prepared by Golder Associates Ltd. and J.L. Richards Ltd. dated February, 2004.

53. Letter dated May 31, 2004 from Martin Zimmer, General Manager, Lafleche Environmental Inc. to Greg Washuta, Senior Waste Engineer, Ministry of the Environment.

54. Letter dated October 4, 2004 from Martin Zimmer, General Manager, Lafleche Environmental Inc. to Greg Washuta, Senior Waste Engineer, Ministry of the Environment.

55. Letter dated February 1, 2005 from Greg Washuta, Senior Waste Engineer, Ministry of the Environment to Martin Zimmer, General Manager, Lafleche Environmental Inc.

56. Letter dated May 31, 2005 from P.A.S. Benson and P.A. Smolkin, Golder Associates Ltd. to Ian Parrott, Director Section 39 *Environmental Protection Act* , EAAB, MOE.

57. Figure 1 entitled "*Typical Leachate Collection System Monitoring Locations* " dated May 2005 prepared by Golder Associates Limited.

58. Application for a Provisional Certificate of Approval for a Waste Disposal Site dated May 2, 2006, and signed by Martin Zimmer, General Manager, Lafleche Environmental Inc. including all supporting documentation.

59. Report entitled "Traffic Impact Study, Lafleche Landfill Capacity Expansion" dated June 2005, prepared by J.L. Richards & Associates Limited, Consulting Engineers, Architects & Planners.

60. Application for a Provisional Certificate of Approval for a Waste Disposal Site dated October 12, 2006, and signed by Martin Zimmer, General Manager, Lafleche Environmental Inc. including all supporting documentation.

61. Report entitled "*Conceptual Design Report Landfill Gas Management Lafleche Environmental Inc. Eastern Ontario Waste Handling Facility* " dated April 23, 2007 prepared by Comcor Environmental Inc.

62. Letter dated September 10, 2007 from Greg Washuta, Senior Waste Engineer, EAAB, MOE to Martin Zimmer, General Manager, Lafleche Environmental Inc..

63. Letter dated October 4, 2007 from Martin Zimmer, General Manager, Lafleche Environmental Inc. to Greg Washuta, Senior Waste Engineer, EAAB, MOE.

64. Letter dated October 2, 2007 from Denise Burgess, Project Engineering Manager, Comcor Environmental Limited to Martin Zimmer, General Manager, Lafleche Environmental Inc.

65. Letter dated April 26, 2008 from Shannan McGarr, Comcor Environmental Limited to Don MacDonell, Operations Manager, Lafleche Environmental Inc.

66. Report titled "Lafleche Environmental Inc., Composting Facility, Design and Operations, Mass Composting" dated April 2008.

67. E-mails from Damien Rodriguez to Ranjani Munasinghe, Ministry of the Environment, dated September 4, 2008, regarding a leak detection system for underground storage tanks and undigested sludge.

68. Application for a Provisional Certificate of Approval for a Waste Disposal Site dated April 13, 2009, and signed by Don MacDonell, Operations Manager, Lafleche Environmental Inc. including all supporting documentation.

69. Report titled "Design and Operations Report" prepared by Lafleche Environmental Inc. dated April 2009.

70. Letter dated October 31, 2007 from Martin Zimmer, General Manager, Lafleche Environmental Inc. to Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, MOE and attached document entitled "Eastern Ontario Waste Handling Facility Financial Assurance Plan" including appendices.

71. Letter dated August 14, 2008 from Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, MOE to Brian King, General Manager, Lafleche Environmental Inc.

72. Letter dated October 14, 2008 from Brian King, General Manager, Lafleche Environmental Inc. to Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, MOE.

73. Letter dated December 3, 2008 from Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, MOE to Brian King, General Manager, Lafleche Environmental Inc.

74. Letter dated December 4, 2008 from Brian King, General Manager, Lafleche Environmental Inc. to Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, MOE.

75. E-mail dated March 27, 2009 and attached file "2009 Financial Assurance.pdf" from Brian King, General Manager, Lafleche Environmental Inc. to Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, MOE.

76. Letter dated November 4, 2009 from Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, MOE to Brian King, General Manager, Lafleche Environmental Inc.

77. Letter dated November 20, 2009 from Brian King, General Manager, Lafleche Environmental Inc. to Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, MOE.

78. Document entitled "Eastern Ontario Waste Handling Facility Financial Assurance Plan" including Tables 1, 2 and 3 dated November 19, 2009 from Lafleche Environmental Inc.

79. Letter dated February 4, 2010 and attachment entitled "Information Box A" from Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, MOE to Brian King, General Manager, Lafleche Environmental Inc.

80. Letter dated March 4, 2010 from Brian King, General Manager, Lafleche Environmental Inc. to Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, MOE.

81. Document entitled "Eastern Ontario Waste Handling Facility Financial Assurance Plan" including Tables 1, 2 and 3 dated March 4, 2010 from Lafleche Environmental Inc.

82. Letter dated April 13, 2010 from Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, MOE to Brian King, General Manager, Lafleche Environmental Inc.

83. E-mail dated April 20, 2010 and attached file "TABLE 3-LEI- FIN-ASSUR-2009- MASTER 25 year.xls" from Brian King, General Manager, Lafleche Environmental Inc. to Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, MOE.

84. Letter dated April 20, 2010 from Andrew Benson, Golder Associates Limited to Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, MOE.

85. Memorandum and attached Figure G-1 dated October 30, 2009 from Megan Farnel and Trish Edmond, Golder Associates Limited to Brian King, President, Lafleche Environmental Inc..

86. Letter and Attachments 1 and 2 dated July 23, 2010 from Brian King, General Manager, Lafleche Environmental Inc. to Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, MOE.

87. Memorandum dated November 9, 2010 to Mr. Greg Washuta, Ministry of the Environment from Ms. Jelena Crnokak, Ministry of the Environment providing financial review comments and corrections to Lafleche financial assurance calculations.

88. Letter dated December 4, 2009 from M.K. Farnel, Environmental Engineer and P.A.S. Benson, Environmental Engineer/Associate, Golder Associates Ltd. to Director, Ministry of the Environment, Environmental Assessment and Approvals Branch.

89. Document entitled "Eastern Ontario Landfill Stage 2 Quality Assurance Plan and Specifications" prepared by Golder Associates Limited, dated December 2009.

90. Drawing Number C1 entitled "Overall Site Plan" created by Golder Associates Limited & J.L. Richards & Associates Limited for the Eastern Ontario Landfill - Stage 2, revision 02, signed, stamped and dated December 2, 2009.

91. Drawing Number C2 entitled "Site Plan" created by Golder Associates Limited & J.L. Richards & Associates Limited for the Eastern Ontario Landfill - Stage 2, revision 02, signed, stamped and dated December 2, 2009.

92. Drawing Number C3 entitled "Coordinate Tables" created by Golder Associates Limited & J.L. Richards & Associates Limited for the Eastern Ontario Landfill - Stage 2, revision 02, signed, stamped and dated December 2, 2009.

93. Drawing Number C4 entitled "Cross Sections" created by Golder Associates Limited & J.L. Richards & Associates Limited for the Eastern Ontario Landfill - Stage 2, revision 03, signed, stamped and dated July 12, 2010.

94. Drawing Number C5 entitled "Section Views" created by Golder Associates Limited & J.L. Richards & Associates Limited for the Eastern Ontario Landfill - Stage 2, revision 03, signed, stamped and dated July 12, 2010.

95. Drawing Number C6 entitled "Site Leachate Forcemain Layout" created by Golder Associates Limited & J.L. Richards & Associates Limited for the Eastern Ontario Landfill - Stage 2, revision 02, signed, stamped and dated December 2, 2009.

96. Drawing Number C7 entitled "Leachate Evacuation Details" created by Golder Associates Limited & J.L. Richards & Associates Limited for the Eastern Ontario Landfill - Stage 2, revision 02, signed, stamped and dated December 2, 2009.

97. Drawing Number C8 entitled "Details" created by Golder Associates Limited & J.L. Richards & Associates Limited for the Eastern Ontario Landfill - Stage 2, revision 03, signed, stamped and dated July 12, 2010.

98. Drawing Number C9 entitled "Landfill Development/Sequencing" created by Golder Associates Limited & J.L. Richards & Associates Limited for the Eastern Ontario Landfill - Stage 2, revision 02, signed, stamped and dated December 2, 2009.

99. Drawing Number E2 entitled "Typical Pumping Station Details" created by Golder Associates Limited & J.L. Richards & Associates Limited for the Eastern Ontario Landfill - Stage 2, revision 02, signed, stamped and dated December 2, 2009.

100. Drawing Number E1 entitled "Electrical Site Plan and Details" created by Golder Associates Limited & J.L. Richards & Associates Limited for the Eastern Ontario Landfill - Stage 2, revision 02, signed, stamped and dated December 2, 2009.

101. Letter dated June 25, 2010 from Greg Washuta, Senior Waste Engineer, Waste Unit, Environmental Assessment and Approvals Branch, Ministry of the Environment to Mr. Brian King, President, Laflèche Environmental Inc.

102. Letter dated July 8, 2010 from M.K. Farnel, Environmental Engineer and P.A.S. Benson, Environmental Engineer/Associate, Golder Associates Ltd. to Greg Washuta, Senior Waste Engineer, Waste Unit, Environmental Assessment and Approvals Branch, Ministry of the Environment.

103. Letter and attached Draft Certificate of Approval dated July 9, 2010 from Greg Washuta, Senior Waste

Engineer, Waste Unit, Environmental Assessment and Approvals Branch, Ministry of the Environment to Mr. Brian King, President, Laflèche Environmental Inc.

104. Letter dated July 12, 2010 from M.K. Farnel, Environmental Engineer and P.A.S. Benson, Environmental Engineer/Associate, Golder Associates Ltd. to Greg Washuta, Senior Waste Engineer, Waste Unit, Environmental Assessment and Approvals Branch, Ministry of the Environment.

105. Report entitled "Ontario Regulation 347 Design Report, Eastern Ontario Waste Handling Facility, Moose Creek, Ontario" dated June 24, 2009 prepared by Comcor Environmental Limited.

106. Report entitled "Landfill Gas Collection System Stage 1 Design Brief, Laflèche Environmental Inc. Eastern Ontario Waste Handling Facility" dated April 6, 2010 prepared by Comcor Environmental Limited.

107. Detailed design drawing package entitled "Landfill Gas Collection System Stage 1 Construction" for Eastern Ontario Waste Handling Facility dated July 14, 2010 prepared by Comcor Environmental Limited, and includes the following:

    i. Drawing No. G101 - Existing Site Conditions;
    ii. Drawing No. G102 - Proposed Wellfield Connection System;
    iii. Drawing No. G111 - Plan & Profile - 450ϕ Header;
    iv. Drawing No. G121 - Plans & Profiles - 200ϕ Laterals 1-1 & 1-2;
    v. Drawing No. G122 - Plans & Profiles - 200ϕ Laterals 1-3 & 1-4;
    vi. Drawing No. G161 - Trench Details;
    vii. Drawing No. G162 - Sections;
    viii. Drawing No. G163 - System Details; and
    ix. Drawing No. G164 - System Details

108. Letter dated July 14, 2010 addressed to Rick Li, Ministry of the Environment from Shannan McGarr, Comcor Environmental Limited providing response to MOE comments on Detailed Design for Stage 1 Landfill Gas Collection System.

109. Application for a Certificate of Approval for a Waste Disposal Site dated June 14, 2010, signed by Dale Phippen, Laflèche Environmental Inc., including the following supporting documentation:

    (a) Letter dated May 11, 2010, from Brian R. King, Laflèche Environmental Inc. to Andrew Neill, Ontario Ministry of the Environment, including additional clarification on the proposal;
    (b) Drawing No. S-1A, entitled "Landfill Overall Site Plan"
    (c) Report dated May 2010, Revision No. 4, entitled "Operational Contingency Plan"

110. E-mail dated August 6, 2010 (3:37 p.m.) from Dale Phippen, Laflèche Environmental Inc., to Margaret Wojcik, Ontario Ministry of the Environment, including additional information on the proposal.

111. E-mail dated August 19, 2010 (12:25 p.m.) from Dale Phippen, Laflèche Environmental Inc., to Margaret Wojcik, Ontario Ministry of the Environment, including additional information on the

proposal.

112. Report titled "Design and Operations Report, Eastern Ontario Landfill" dated December 2009 and prepared by Golder Associates Ltd.

113. Letter dated July 8, 2010 from M.K. Farnel, P.Eng. and P.A.S. Benson, M.Eng., P.Eng., Golder Associates Ltd. to Greg Washuta, P.Eng., Ministry of the Environment Re: Response to Ministry of the Environment Comments.

114. Letter dated March 21, 2011 from M.E. Wheeler Cuddihy, P.Eng. and P.A.S. Benson, M.Eng., P.Eng., Golder Associates Ltd. to Ranjani Munasinghe, Ministry of the Environment regarding trigger parameters and mechanism recommendations for Eastern Ontario Landfill Stage 2 Design and Operations Report.

115. Letter report dated March 4, 2010 addressed to Director, Ministry of the Environment, Re: Report on Site Preparation and Quality Assurance Monitoring, Phase 8, Stage 1, Lafleche Environmental Inc., Eastern Ontario Landfill, Certificate of Approval No. A 420018 (MOE Ref. 2250-4TSRD8) prepared by Golder Associates Limited.

116. Letter dated February 14, 2011 addressed to Director, Ministry of the Environment, Re: Addendum Report on Site Preparation and Quality Assurance Monitoring, Phase 8, Stage 1, Lafleche Environmental Inc., Eastern Ontario Landfill, Certificate of Approval No. A 420018 (MOE Ref. 2250-4TSRD8) prepared by Golder Associates Limited.

117. Document entitled "Environmental Screening Report" prepared by Lafleche Environmental Inc. and dated August 2011.

118. Application for a Provisional Certificate of Approval for a Waste Disposal Site dated October 20, 2011 and signed by Brian R. King, President, Lafleche Environmental Inc. including all attached supporting information.

119. Letter report dated March 5, 2012 and titled "Report on Site Preparation and Quality Assurance Monitoring, Phases 1 and 2, Stage 2 Lafleche Environmental Inc., Eastern Ontario Landfill, Certificate of Approval No. A420018" prepared by Golder Associates Ltd.

120. Document entitled Design and Operations Report - Lafleche Recyclables Waste Transfer/Processing Facility" dated November 10, 2011 and prepared by Lafleche Environmental Inc.

121. Letter dated November 22, 2011 from Steve Burns, District Manager, Ottawa District, Ministry of the Environment, to Brian King, president, Lafleche Environmental Inc., re: Annual flushing and video of leachate collection lines.

122. Letter dated November 5, 2012 from Steve Burns, District Manager, Ottawa District, Ministry of the Environment, to Brian King, president, Lafleche Environmental Inc., re: Changes to Communitiy Liaison Committe Terms of Reference.

123. Environmental Compliance Approval Application dated January 21, 2014 and signed by Brian R. King, President, Lafleche Environmental Inc., including the attached supporting documentation.

124. Report entitled "Landfill Gas Management Stage 2 Design Report, Laflèche Environmental Inc. Eastern Ontario Waste Handling Facility" dated January 29, 2014, prepared by Comcor Environmental Limited.

125. Detailed design drawing package entitled "2014 Stage 2, Phase 1, Landfill Gas Collection System Expansion" for Eastern Ontario Waste Handling Facility" dated June 2, 2014 prepared by Comcor Environmental Limited, and includes the following:

    i. Drawing No. G101 - Pre-construction Site Conditions;
    ii. Drawing No. G102 - Proposed Wellfield System Layout;
    iii. Drawing No. G111 - Plan & Profile - West Header 2A, Sta. 0+603.55 to 1+220.71;
    iv. Drawing No. G112 - Plans & Profile - Sub-Header 2A Sta. 0+000 to 1+150.00;
    v. Drawing No. G121 - Plans & Profiles - 200ø Laterals 2-1 & 2-2;
    vi. Drawing No. G161 - Sections;
    vii. Drawing No. G162 - Trench and System Details;
    viii. Drawing No. G163 - System Details; and
    ix. Drawing No. G164 - Pumped Drain Trap Details.

126. Detailed design drawing package entitled "2014 Stage 2 Landfill Gas Collection System Expansion for Eastern Ontario Waste Handling Facility" dated January 20, 2014 prepared by Comcor Environmental Limited, and includes the following:

    i. Drawing No. G101 Pre-construction Site Conditions;
    ii. Drawing No. G102 Proposed Wellfield Collection System;
    iii. Drawing No. G111 Plan & Profile -West Header 2A Sta 0+603.55 to 1+187.67;
    iv. Drawing No. G112 Plan & Profile - East Header 2A Sta 0+ 000 to 0+348.24;
    v. Drawing No. G113 Plan & Profile - Sub-Header 2A Sta 0+000 to 0+562.74;
    vi. Drawing No. G114 Plan & Profile - Sub-Header 2A Sta 0+562.74 to 0+785.67;
    vii. Drawing No. G121 Plans & Profiles - 200ø Laterals 2-1 & 2-2;
    viii. Drawing No. G122 Plans & Profiles - 200ø Laterals 2-3 & 2-4;
    ix. Drawing No. G123 Plans & Profiles - 200ø Laterals 2-5 & 2-6;
    x. Drawing No. G124 Plans & Profiles - 200ø Laterals 2-7 & 2-8;
    xi. Drawing No. G161 Sections;
    xii. Drawing No. G162 Trench & System Details;
    xiii. Drawing No. G163 System Details;
    xiv. Drawing No. G164 Pumped Drain Trap Details; and
    xv. Drawing No. G165 Dual Purpose Well Details.

127. Report entitled "Eastern Ontario Waste Handling Facility Financial Assurance Plan 2014" dated August 29, 2014 prepared by Lafleche, and the accompanying excel spreadsheet titled "Table 3 -2014" for the financial assurance calculation.

128. Letter dated September 2, 2014 addressed to Rick Li, Ministry of the Environment from Brian King,

Lafleche providing a response to the ministry's review comments on the Financial Assurance Plan 2014.

129. Report entitled "Stage 3A Design and Operations Report Eastern Ontario Waste Handling Facility, A420018" dated February 26, 2016 prepared by Tetra Tech.

130. Detailed Design drawing set for Eastern Ontario Waste Handling Facility Stage 3A, dated February 19, 2016 prepared by Tetra Tech, and includes the following drawings:
Plan No. 20044G-C-DG01 Overall Site Plan
Plan No. 20044G-C-DG02 Stage 3A Layout Base Grade Leachate Collection
Plan No. 20044G-C-DG03 Stage 3A Layout Final Cover Geometry and Drainage
Plan No. 20044G-C-DG04 Cross Sections
Plan No. 20044G-C-DG05 Cross Sections
Plan No. 20044G-C-DG06 Section Views
Plan No. 20044G-C-DG07 Leachate Focemain Layout
Plan No. 20044G-C-DG08 Leachate Evacuation System
Plan No. 20044G-C-DG09 Details Cell Construction
Plan No. 20044G-C-DG10 Details Final Cover

131. Letter dated October 3, 2016 addressed to Rick Li, Ministry of the Environment and Climate Change from Tetra Tech Re: Response to Comments on Stage 3A Design and Operations Report (ECA# A420018).

132. Email dated January 20, 2017 from Brian King, Lafleche to Rick Li, MOECC Re: Lafleche Stage 3A leachate collection pipes and drainage blanket.

133. Environmental Compliance Approval Application dated January 31, 2018 and signed by Brian R. King, Director Operations-Eastern Ontario, GFL Environmental Inc., including the attached supporting documentation.

134. Report entitled "Landfill Gas Management Stage 3 Design Report, GFL Environmental Inc. Eastern Ontario Waste Handling Facility" dated January 25, 2018, prepared by COMCOR Environmental Limited.

135. Detailed design drawing package entitled "2018 Stage 3 Landfill Gas Collection System Expansion for Eastern Ontario Waste Handling Facility" dated January 5, 2018 prepared by Comcor Environmental Limited, and includes the following:

i. Drawing #W1001 Pre-construction Site Conditions;
ii. Drawing #W1002 Proposed System Layout;
iii. Drawing #W1101 Plan & Profile - East Header 3A Sta 0+386.00 to 0+720.00;
iv. Drawing #W1102 Plan & Profile - SubHeader 3A Sta 0+ 000 to 0+391.00;
v. Drawing #W1201 Plans & Profile - 200ø Laterals 3-5 & 3-6;
vi. Drawing #W1202 Plans & Profile - 200ø Laterals 3-7 & 3-8;
vii. Drawing #W1301 Pipe Trench Sections;
viii. Drawing #W1302 Trench & System Details;

ix. Drawing #W1303 System Details; and
x. Drawing #W1304 Pumped Drain Trap Details

136. Environmental Compliance Approval Application dated November 14, 2018 and signed by Brian R. King, Director Operations-Eastern Ontario, GFL Environmental Inc., including the attached supporting documentation, for approval of the Stages 3B and 4 expansion.

137. Report entitled "Stages 3B and 4 Design and Operations Report, Eastern Ontario Waste Handling Facility" dated November 2018 prepared by Tetra Tech.

138. Email dated May 14, 2019 from Larry Fedec, HDR to Rick Li, MECP including the attachments providing a response to the Ministry's review comments on the Stages 3B and 4 application.

139. Email dated May 31, 2019 from Larry Fedec, HDR to Rick Li, MECP including the attachments regarding the groundwater review comments and financial assurance calculation related to Stages 3B and 4 expansion.

140. Environmental Compliance Approval Application signed by Greg Van Loenen, GFL Environmental Inc. dated June 8, 2020, and the supporting documentation including the "Landfill Gas Management Stage 3B and 4 Design Report" prepared by Comcor Environmental Limited dated May May 25, 2020.

141. Letter dated May 26, 2021 addressed to Rick Li, MECP from Diana Pepall, Comcor Environmental Limited regarding contingency measures on the landfill gas header pipe upgrade.

142. Design drawing set for "Stage 1 & 2 Landfill Gas Collection System Contingency Approval" dated June 29, 2021 prepared by Comcor Environmental Limited.

143. Environmental Compliance Approval Application signed by Greg Van Loenen, GFL Environmental Inc. dated December 21, 2021, and the supporting documentation including the "Eastern Ontario Waste Handling Facility - Composting Facility Design and Operations Report" Dated November 2021 prepared by HDR (of which Appendix B - Storage Calculations is updated and included in email dated April 4 from Larry Fedec, HDR to Rick Li, MECP).

144. Email dated December 6, 2022 from Greg Van Loenen, GFL to Rick Li and Khalid Hussain, MECP regarding revisions to the December 21, 2021 ECA application (Item 143).

145. Environmental Compliance Approval Application signed by Jean-Philippe Laliberté, GFL Environmental Inc. dated October 14, 2023 for approval of site expansion in Stages 5 and 6.

146. Report entitled "Design and Operations Report Stage 5 and 6" dated October 11, 2023 prepared by Tetra Tech.

147. Design drawing set for "Stage 5 (Cells 1 and 2) Stage 6 (Cells 1 to 14)" dated October 11, 2023 prepared by Tetra Tech.

148. Letter dated April 23, 2024 to Erin Legue, MECP Cornwall Office from Greg van Loenen, GFL regarding Response to MECP Comments dated February 28th, March 6th, and April 11th, 2024.

149. Email dated April 29 to Rick Li, MECP from Greg van Loenen, GFL providing a response to MECP's additional comments on the April 23, 2024 letter (Item 148).

150. Calculation Grain Size Criteria prepared by M. Tierney dated May 3, 2024.

151. Environmental Compliance Approval Application signed by Greg Van Loenen, GFL Environmental Inc. dated November 13, 2025, and the supporting documentation, for expansion of the landfill gas collection system in Stages 5 and 6.

152. Letter dated June 11, 2026 to Rick Li, MECP from WSP, and the Attachments A, B and C, providing a response to MECP's comments and additional information on the application for Stages 5 and 6 landfill gas collection system (Item 151).

SCHEDULE "B"

This Schedule "B" forms part of this Environmental Compliance Approval no. A420018.

Table B-1 GROUNDWATER MONITORING

Borehole	Layer 1: Silty Clay (weathered for S1 wells)	Layer 2: Glacial till	Layer 3: Bedrock	Sampling Frequency (times per year)
General				
96-1	List A List B	List A List B	List A List B	2 x 1 x
96-2	List A List B	List A List B	List A List B	2 x 1 x
96-3	List A List B	List A List B	List A List B	2 x 1 x
96-4	List A List B	List A List B	List A List B	2 x 1 x
96-5	List A List B	List A List B	List A List B	2 x 1 x
96-6	List A List B	List A List B	Note 3 Note 3	2 x 1 x
Stage 1, 2 and 3 Impact Evaluation Monitors				
S1-1, S2-1, S3-1	List A List B	List A List B	List A List B	2 x 1 x
S1-2, S2-2, S3-2r	List A List B	List A List B	List A List B	2 x 1 x
S1-3, S2-3, S3-3r	List A List B	List A List B	List A List B	2 x 1 x
MW20-1D/C/S, MW20-2D/C/S, MW20-3/D/C/S, MW20-11D/C/S, MW20-17S	List A List B	List A List B	List A List B	2 x 1 x
Southern Boundary Evaluation Monitors				
L2-R, L3-R	List A List B	List A List B	List A List B	2 x 1 x

List A

Alkalinity, Ammonia, Barium, Boron, Calcium, Chloride, Conductivity, Iron, Magnesium, Nitrate, pH, Sodium, Total Dissolved Solids (TDS), Sulphate, Biochemical Oxygen Demand (BOD_5), Chemical Oxygen Demand

(COD), Dissolved Organic Carbon (DOC)

List B

Alkalinity, Ammonia, Arsenic, Barium, Boron, Cadmium, Calcium, Chloride, Chromium, Conductivity, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nitrate, Nitrite, Total Kjeldahl Nitrogen (TKN), pH, Total Phosphorus, Potassium, Sodium, Total Dissolved Solids (TDS), Sulphate, Zinc, Benzene, 1,4-Chlorobenzene, Dichloromethane, Toluene, Vinyl Chloride, Biochemical Oxygen Demand (BOD_5), Chemical Oxygen Demand (COD), Dissolved Organic Carbon (DOC), Phenol

Field Parameters

Groundwater Levels, Temperature, pH and Conductivity shall be measured in all monitors at the time of sample collection according to the Sampling Frequency in Note 2.

Field Blanks

Approximately one blank for every 10 samples collected shall be prepared during each monitoring session as part of a quality assurance/quality control program. Temperature, pH, and Conductivity of the samples shall be measured in the field at the time of sample collection.

NOTES:

1. Monitor Locations - See Drawing D.3 in Design and Operations Report, May 1999 (Item 10 in Schedule "A").

2. Sampling Frequency - 2 / year in August, November.
   1 / year in May.

3. Monitor 96-6A - Not included in the water level or groundwater quality sampling program due to the low permeability of the bedrock at this location which results in a very slow response in the monitor following well development.

Table B-2: Maximum Acceptable Boundary Concentrations (MABC)
Eastern Ontario Landfill, Moose Creek, Ontario

			Reasonable Use Performance Limits Based on MABC (Cm)[1]		
Parameters	Units	ODWQS	Bedrock Layer[2]	Glacial Till/Lower Silty Clay[3]	Upper Silty Clay/Weathered Crust[4]
Arsenic, Dissolved	mg/l	0.025 (IMAC)	0.010	0.017	0.011
Barium, Dissolved	mg/l	1 (MAC)	0.54	0.55	0.31
Boron, Dissolved	mg/l	5 (IMAC)	2.0	2.3	1.9
Cadmium, Dissolved	mg/l	0.005 (MAC)	0.003	0.003	0.003
Chloride (Cl)	mg/l	250 (AO)	198	191	240
Chromium, Dissolved	mg/l	0.05 (MAC)	0.02	0.06	0.11
Copper, Dissolved	mg/l	1 (AO)	0.51	0.53	0.51
Dissolved Organic Carbon (DOC)	mg/l	5 (AO)	34	52	21
Iron, Dissolved	mg/l	0.3 (AO)	0.8	3.3	1.6
Lead, Dissolved	mg/l	0.01 (MAC)	0.004	0.019	0.004
Manganese, Dissolved	mg/l	0.05 (AO)	0.23	0.29	0.42
Mercury, Dissolved	mg/l	0.001 (MAC)	0.0003	0.0004	0.0003
Nitrate as N (N-NO3)	mg/l	10 (MAC)	2.8	2.7	3.0
Nitrite as N (N-NO2)	mg/l	1 (MAC)	0.29	0.29	0.32
Sodium	mg/l	200 (AO)	308	375	233
Sulfate (SO4)	mg/l	500 (AO)	270	275	323
Total Dissolved Solids (TDS)	mg/l	500 (AO)	839	978	1180
Zinc, Dissolved	mg/l	5 (AO)	2.5	2.6	2.5
1,4-Dichlorobenzene	mg/l	0.001 (AO)	*0.0007*	*0.0007*	*0.0007*
Benzene	mg/l	0.005 (MAC)	*0.002*	*0.002*	*0.002*
Dichloromethane	mg/l	0.05 (MAC)	*0.02*	*0.02*	*0.02*
Toluene	mg/l	0.024 (AO)	*0.012*	*0.012*	*0.012*
Vinyl Chloride	mg/l	0.002 (MAC)	*0.001*	*0.001*	*0.001*

Notes:
AO: Aesthetic objectives
MAC: Health Related - Maximum Acceptable Concentration
IMAC: Health Related - Interim Maximum Acceptable Concentration
1: Calculated using the following $Cm=Cb+X(Cr-Cb)$

formula

where Cm is the Maximum Acceptable Boundary Concentration (MABC)
Cb is the maximum background concentration (95th percentile),
X is a constant (0.5 for AO and 0.25 for MAC and IMAC)
Cr is the ODWQS criteria

2: Calculated with data reported historically at groundwater monitoring wells 96-1A, -2A, -3A, and -4A
3: Calculated with data reported historically at groundwater monitoring wells 96-1B, -2B, -3B, -4B, -5A, and -6B
4: Calculated with data reported historically at groundwater monitoring wells 96-1D, -2D, -3C, 4E, -5C, and -6D
VOCs: Detection limit values were used in the calculation for MABC concentrations since maximum background concentration was below the laboratory detection limit.
Underlined Concentrations: Maximum background concentration exceeds ODWQS. MABC is set at the 95th percentile of the background concentration.

Table B-3: Trigger Concentrations
Eastern Ontario Landfill, Moose Creek, Ontario

Parameters	Units		Bedrock Layer[2]		Glacial Till/Lower Silty Clay[3]		Upper Silty Clay/Weathered Crust[4]	
		ODWQS	Reasonable Use Performance Limit Based on MABC[1]	Trigger Concentration 75 % of MABC	Reasonable Use Performance Limit Based on MABC[1]	Trigger Concentration 75 % of MABC	Reasonable Use Performance Limit Based on MABC[1]	Trigger Concentration 75 % of MABC
Arsenic, Dissolved	mg/l	0.025 (IMAC)	0.010	0.007	0.017	0.013	0.011	0.008
Boron, Dissolved	mg/l	5 (IMAC)	2.0	1.5	2.3	1.8	1.9	1.4
Chloride (Cl)	mg/l	250 (AO)	198	149	191	143	240	180
Sulfate (SO4)	mg/l	500 (AO)	270	203	275	206	323	242

Notes:
AO: Aesthetic objectives
MAC: Health Related - Maximum Acceptable Concentration
IMAC: Health Related - Interim Maximum Acceptable Concentration
1: Calculated using the following formula

Cm=Cb+X(Cr-Cb)

where Cm is the Maximum Acceptable Boundary Concentration (MABC)
Cb is the maximum background concentration (95th percentile),
X is a constant (0.5 for AO and 0.25 for MAC and IMAC)
Cr is the ODWQS criteria

2: Calculated with data reported historically at groundwater monitoring wells 96-1A, -2A, -3A, and -4A
3: Calculated with data reported historically at groundwater monitoring wells 96-1B, -2B, -3B, -4B, -5A, and -6B
4: Calculated with data reported historically at groundwater monitoring wells 96-1D, -2D, -3C, 4E, -5C, and -6D

SCHEDULE "C"

This Schedule "C" forms part of this Environmental Compliance Approval no. A420018.

SURFACE WATER MONITORING

Monitoring Stations

SW1, SW2, SWFD3, SWFD2, SWFD4, SWMC1, SWMC2A, SWMC5, SWAF1, SWD1, SWT1, and a new location upstream of SWT1 adjacent to the new Stage 6.

Sampling Frequency

- monthly for general water chemistry, metals and phenols, coinciding with the sampling of treated leachate effluent discharge from the Effluent Holding Ponds;
- quarterly for organics

Analysing Parameters

Monthly: Alkalinity, Aluminum (filtered, 0.45µm), Ammonia, Arsenic, Barium, Boron, Cadmium, calcium, Chloride, Chromium, Cobalt, Conductivity, Copper, dissolved organic carbon, Iron, Lead, Mercury, Nitrate, Nitrite, Total Kjeldahl Nitrogen (TKN), pH, Total Phosphorus, Selenium, Silver, Suspended Solids, Total Dissolved Solids (TDS), Sulphate, Zinc, Biochemical Oxygen Demand (BOD_5), Chemical Oxygen Demand (COD), Phenols, hardness, manganese, magnesium, potassium, sodium, un-ionized ammonia (calculated from field pH and temperature), dissolved reactive phosphorus, zinc;
Quarterly: benzene, toluene, 1-4-dichlorobenzene, dichloromethane, vinyl chloride

Field Parameters

Temperature, pH, Specific Conductivity, Dissolved Oxygen, and Flow (or water level) shall be measured at all stations at the time of sample collection according to the sampling frequency specified in the table.

Stormwater Management Pond

During the operating life of the landfill, the pond will be operated on a batch mode and water quality shall be sampled and analyzed before water is released from the pond, in accordance with this *ECA* and approval under Section 53, OWRA. Discharge criteria for release of water from the pond are provided in Section 10.5 (Table 8) in the Design and Operations Report, dated May 1999, as amended. Pond water levels and discharge conditions shall be monitored and recorded .

Chronic Toxicity Monitoring

Chronic Toxicity sampling (for *Ceriodaphnia dubia* and fathead minnow testing) shall be carried out in accordance with the memo dated March 27, 2020 prepared by MECP Surface Water Specialist Lauren Forrester.

NOTES:

1. Monitoring Stations - See Figure 11 in "2022 Annual Report, Site Development, Operations and Environmental Monitoring Report, Eastern Ontario Waste Handling Facility", prepared by WSP, dated April 30, 2023.
2. Surface water locations will be monitored and sampled where and when it is reasonably safe to do so.

SCHEDULE "D"

This Schedule "D" forms part of this Environmental Compliance Approval no. A420018.

LEACHATE COLLECTION SYSTEM MONITORING

Item	Location	Frequency
Leachate Quantity/Flow	Discharge Point from System	Daily
Leachate Levels	Cleanouts and piezometers in granular drainage blanket	Quarterly
Leachate Quality	Discharge point from system	List A - Twice per year (Aug and Nov) List B - Annually (May)

List A

Alkalinity, Ammonia, Barium, Boron, Calcium, Chloride, Conductivity, Iron, Magnesium, Nitrate, pH, Sodium, Suspended Solids, Total Dissolved Solids (TDS), Sulphate, Biochemical Oxygen Demand (BOD5), Chemical Oxygen Demand (COD), Dissolved Organic Carbon (DOC)

List B

Alkalinity, Ammonia, Arsenic, Barium, Boron, Cadmium, Calcium, Chloride, Chromium, Conductivity, Copper, Iron, Lead, Magnesium, Manganese, Mercury, Nitrate, Nitrite, Total Kjeldahl Nitrogen (TKN), pH, Total Phosphorus, Potassium, Sodium, Suspended Solids, Total Dissolved Solids (TDS), Sulphate, Zinc, Benzene, 1,4-Dichlorobenzene, Dichloromethane, Toluene, Vinyl Chloride, Biochemical Oxygen Demand (BOD5), Chemical Oxygen Demand (COD), Dissolved Organic Carbon (DOC), Phenol

Leachate Pumping Stations

Daily - Check pumps for proper operation.
Monthly - Inspect pumping station for sediment accumulation, clean out sediment as needed.
Quarterly - Remove pumps and inspect for wear, inspect pump switches, electrical systems, and alarms.

SCHEDULE "E"

This Schedule "E" forms part of this Environmental Compliance Approval no. A420018.

LANDFILL GAS MONITORING

Landfill Gas Collection System

Vacuum, temperature, gas composition and flow rate shall be monitored within the collection system and at the blower/flare Station.

Combustible Gas Monitoring

As each phase of the landfill is constructed, landfill gas monitors shall be progressively installed within the landfill buffer approximately every 200 metres around the landfill perimeter. Monitoring shall include combustible gas concentrations in all monitors. Monitoring shall be conducted monthly during the winter and once in the summer until the Director is satisfied that monitoring is no longer required based on a written report from the Owner.

SCHEDULE "F"

This Schedule "F" forms part of this Environmental Compliance Approval no. A420018.

DUST MONITORING

Sampling and analysis for suspended particulate matter (SPM) shall be conducted annually during the operating period of the landfill, beginning at the time that the Site starts receiving waste, and using methods approved by the *Ministry* . The monitoring program shall consist of the following (first two years of operation):

1. Sampling shall be carried out over a period of three (3) summer months (June to August) with analysis carried out on samples retrieved every thirty (30) days during this period.

2. Samples shall be taken at three (3) locations simultaneously:

    a. West of the landfill, at the nearest residence;
    b. South of the landfill, at the property boundary ("upwind" sample); and
    c. North of the landfill, at the property boundary ("downwind" sample).

3. Each sample shall be taken using a standard Dustfall sampler over a thirty (30) day period. Wind speed and wind direction shall be recorded daily during this period.

NOISE MONITORING

Noise monitoring shall consist of yearly measurements of noise levels carried out in accordance with protocols acceptable to the Ministry. The monitoring of sound levels of daily activity in the Site shall typically occur twice per year and relate to periods of peak landfilling activity once the Site reaches a threshold annual fill rate of 150,000 tonnes and within 5 metres of final contours of the Site. Monitoring shall be conducted at the residential receptor closest to the Site. Where possible, measurements shall be taken during neutral lapse conditions (cloudy day) under light winds for measurement of sound.

ATMOSPHERIC CONDITIONS

Average temperature (minimum, mean, maximum), precipitation, barometric pressure and wind speed and a ction shall be recorded daily from an on-site weather station.

GEOTECHNICAL MONITORING

In Phase 1, Stage 1 of the landfill, monitoring of porewater pressures (pneumatic piezometers P-1 to P-4) and deformations (inclinometers I-1 and I-2) in the south exterior containment berm shall be carried out in accordance with Section 5.0 in Item 21a in Schedule "A", attached to the *ECA* .

SCHEDULE "G"

This Schedule "G" forms part of this Environmental Compliance Approval no. A420018.

Table 1. Composting Feedstock Quality Criteria

Trace Element	Column 1 Feedstock for Category AA (mg/kg dry weight)	Column 2 Feedstock for Category A or B (mg/kg dry weight)
arsenic	75	170
cadmium	20	34
chromium	1060	2800
cobalt	150	340
copper	760	1700
lead	500	1100
mercury	5	11
molybdenum	20	94
nickel	180	420
selenium	14	34
zinc	1850	4200

Table 2. Compost Quality Criteria

Parameter	Column 1 Category AA Compost (mg/kg dry weight)	Column 2 Category A Compost (mg/kg dry weight)	Column 3 Category B Compost (mg/kg dry weight)
arsenic	13	13	75
cadmium	3	3	20
chromium	210	210	1060
cobalt	34	34	150
copper	100	400	760
lead	150	150	500
mercury	0.8	0.8	5
molybdenum	5	5	20
nickel	62	62	180
selenium	2	2	14
zinc	500	700	1850
foreign matter (greater than 3 mm)	1 % total 0.5 % plastic	1 % total 0.5 % plastic	1 % total 0.5 % plastic
foreign matter (greater than 25 mm)	0 %	0%	0 %
E. coli	< 1000 CFU or < 1000 MPN / g solids	< 1000 CFU or < 1000 MPN / g solids	< 1000 CFU or < 1000 MPN / g solids
Salmonella	3 MPN / 4 g total solids	3 MPN / 4 g total solids	3 MPN / 4 g total solids

SCHEDULE "H"

This Schedule "H" forms part of this Environmental Compliance Approval no. A420018.

FINANCIAL ASSURANCE

Submission Date	Total Financial Assurance Required
January 31, 2025	$40,519,895.00
January 31, 2026	$43,322,012.00
January 31, 2027	$46,124,129.00
January 31, 2028	$48,926,246.00
January 31, 2029	$51,728,363.00

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

1. *The reason for the Definitions section is to define the specific meaning of terms and simplify the wording of conditions in this ECA.*

2. *The reason for the conditions in sections 1.0, 3.0, 4.0, 5.0, and 8.0 is to clarify the legal rights and responsibilities of the Owner and Operator under this ECA.*

3. *The reasons for section 2.0, 11.0, 37.0, 38.0, 41.0, 42.0 and 46.0 is to ensure that the operations within the Site (Landfill, Composting, Transfer/Processing) are designed, operated, monitored and maintained 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.*

4. *The reasons for condition 6.1 are to ensure that the Site is operated under the corporate name which appears on the application form submitted for this ECA and to ensure that the Director is informed of any changes.*

5. *The reasons for condition 6.2 are to restrict potential transfer or encumbrance of the Site without the approval of the Director and to ensure that any transfer of encumbrance can be made only on the basis that it will not endanger compliance with this ECA.*

6. *Section 7.0 is included, pursuant to subsection 197(1) of the EPA, to provide that any persons having an interest in the Site are aware that the land has been approved and used for the purposes of waste disposal.*

7. *The reason for the conditions in section 9.0 is to ensure that appropriate Ministry staff have ready access to the Site for inspection of facilities, equipment, practices and operations required by the conditions in this ECA. This condition is supplementary to the powers of entry afforded a Provincial Officer pursuant to the EPA and OWRA.*

8. *The reasons for the conditions in section 10.0 are to ensure that sufficient funds are available to the*

Ministry to close the Landfill, and to carry out all expected post-closure care activities and any contingencies. Failure to include requirements for financial assurance would not be in the public interest and may result in a hazard or nuisance to the natural environment or any person.

9. *The reason for the conditions in section 12.0, 13.0, 14.0, 28.0, 39.0, 40.0, 44.0 and 45.0 is to specify the approved areas from which waste may be accepted at the Site and the types and amounts of waste that may be accepted for transfer, processing, composting or disposal at the Site, based on the Owner's application and Supporting Documentation.*

10. *The reason for the conditions in section 15.0 is to specify the normal hours of operation for the Site and a mechanism for amendment of the hours of operation.*

11. *The reason for conditions 16.1 and the conditions in section 17.0 is to ensure that the Site is supervised and operated by properly trained staff in a manner which does not result in a hazard or nuisance to the natural environment or any person.*

12. *The reason for conditions 16.2 and 16.3 is to specify site access to/from the Site and to ensure the controlled access and integrity of the Site by preventing unauthorized access when the Site is closed and no site attendant is on duty.*

13. *The reason for conditions 16.4 through 16.7 is to ensure that the Site operates in a manner where nuisances due to Site traffic are minimized.*

14. *The reason for the conditions in section 18.0 is to ensure that users of the Site are fully aware of important information and restrictions related to Site operations under this ECA.*

15. *The reason for condition 19.1 is that open burning of municipal waste is unacceptable because of concerns with air emissions, smoke and other nuisance affects, and the potential fire hazard.*

16. *The reason for condition 19.2 is to ensure protection of public health and safety and minimization of the potential for damage to environmental control, monitoring and other works at the Site. Scavenging is the uncontrolled removal of material from waste at the Site.*

17. *The reason for the conditions in section 20.0 is to ensure that accurate waste records are maintained to ensure compliance with the conditions in this ECA (such as fill rate, site capacity, record keeping, annual reporting, and financial assurance requirements), the EPA and its regulations.*

18. *The reason for section 21.0 is to allow the Ministry to consider and take appropriate action in a timely manner under this ECA or any statute or regulation in relation to a waste load rejection.*

19. *The reasons for the conditions in section 22.0 are to ensure that the Site is operated, inspected and maintained in an environmentally acceptable manner and does not result in a hazard or nuisance to the natural environment or any person and that any complaints regarding operations at this Site are responded to in a timely and efficient manner.*

20. *The reason for the conditions is section 23.0 and 24.0 is to ensure that the Site is designed, constructed and operated in an environmentally acceptable manner, based on the conceptual design and operations for the Site. Section 24.0 has been specifically included to allow for optimization of design for subsequent stages based on operating experience and monitoring results and to ensure that any necessary remedial action is undertaken before landfilling may proceed in the next stage.*

21. *The reason for the conditions in section 25.0 is to ensure the availability of as-built drawings for inspection and information purpose*

22. *The reason for the conditions in section 26.0 is to confirm that Site conditions are as expected and the Site has been prepared and constructed in accordance with the approved design.*

23. *The reason for the conditions in section 27.0 is to ensure that construction proceeds in accordance with the approved final design.*

24. *The reason for the conditions in sections 29.0 and 30.1 to 30.3 is to specify restrictions on the extent of landfilling at this Site based on the Owner's application and Supporting Documentation. These limits define the approved volumetric capacity of the Site. Approval to landfill beyond these limits would require an application with supporting documentation submitted to the Director.*

25. *The reason for Condition 31.1 is to approve the site expansion in Stages 5 and 6 in accordance with the design report submitted by the Owner.*

26. *The reason for Condition 31.2 is to require upgrade to the leachate treatment facility to ensure the effluent does not pose unacceptable impact to the environment.*

27. *The reason for Condition 31.3 is to ensure the updated Design and Operations report for Stages 5 and 6 is submitted to the Ministry.*

28. *The reason for the condition in section 32.0 is to ensure that there is adequate space around the perimeter of the waste fill area in which contaminant attenuation may occur and various monitoring, maintenance and environmental control activities can take place.*

29. *The reasons for the condition 33.1 and the conditions in section 34.0 is to ensure that landfilling operations are conducted in an environmentally acceptable manner. Daily and intermediate cover is used to control potential nuisance effects, to facilitate vehicle access on the site, and to ensure an acceptable site appearance is maintained. The proper closure of a landfill site requires the application of a final cover which is aesthetically pleasing, controls infiltration, and is suitable for the end use planned for the site.*

30. *The reason for condition 33.2 is to minimize the potential for clogging of the drainage layer and to minimize temperature effects on the leachate collection system. Failure to maintain the specified minimum thickness of waste and cover material may result in a decrease in the service life of the drainage layer.*

31. *The reason for condition 33.3 is to avoid disturbance to the sensitive silty clay layer beneath the Site and damage to engineered facilities at the Site. Failure to take precautions during construction and operation*

may result in a hazard or nuisance to the natural environment or any person.

32. *The reason for condition 33.4 is to minimize the potential for clogging of leachate collection pipes and to ensure effective operation of the leachate collection system components for as long as they are required. Regular cleaning of these components on a regular basis may result in a decrease in their service lives. Regular cleaning of the leachate collection pipes is especially important during stages of landfilling when the level of both organic and inorganic constituents in the leachate is high and, consequently, the potential for clogging due to encrustation is greatest. As the landfill reaches the more stable methane producing stage, pipe cleaning may be required less frequently.*

33. *The reason for Condition 33.6 is to ensure landfill operation is conducted according to the site design in order to minimize adverse effects and control leachate generation.*

34. *The reason for Condition 33.7 is to ensure erosion and sediment are controlled during site construction to prevent impacts to surface water.*

35. *The reason for condition 35.1 is to designate the alternative cover materials which are approved for permanent usage at the Site.*

36. *The reasons for conditions 35.2 through 35.14 are to ensure that the alternative daily and intermediate cover materials perform in an effective and environmentally friendly manner and 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.*

37. *The reason for the conditions 36.1 and 36.2 is to ensure that an approved facility is available for long-term treatment of leachate generated at this Site.*

38. *The reason for Condition 36.3 is to ensure that, if necessary, treated effluent from the Leachate Treatment Facility can be received by an approved wastewater treatment facility.*

39. *The reason for the condition 36.4 is to ensure that the Leachate Treatment Facility is upgraded as necessary so that the effluent does not pose an unacceptable impact on the environment.*

40. *The reason for Condition 36.5 is to ensure that the effluent discharge from the leachate treatment facility is adequately diluted as necessary in order to minimize impact on the surface water and protect the aquatic environment.*

41. *The reason for Condition 36.6 is to ensure leachate is removed from the collection system in time as required by Reg. 232/98 to avoid excessive leachate mounding within landfill cells.*

42. *The reason for Condition 38.8 is to approve the detailed design for the Stages 3B and 4 of the landfill gas collection system.*

43. *The reason for Condition 38.9 is to ensure the landfill gas header pipes is adequate to handle the peak gas flow and any improvement required is implemented promptly.*

44. *The reason for Condition 38.10 is to approve the detailed design for the Stages 5 and 6 of the landfill gas collection system.*

45. *The reasons for the conditions in sections 43.0 and 50.0 are to ensure the Ministry is notified of the cessation or closure of the Waste Transfer and Processing Station and Composting Facility and to ensure the facilities are closed in accordance with an application and supporting documentation submitted by the Owner, and not in a manner which the Director has not been asked to consider.*

46. *The reasons for the conditions in section 47.0 are to demonstrate that the composting operation is performing as designed and the finished compost will not present a safety or health hazard to the public or negatively impact the environment.*

47. *The reason for the conditions in section 48.0 is to ensure that the SRM handling, composting and disposal are done 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.*

48. *The reason for the conditions in sections 49.0 and 55.0 is to ensure that the Owner follows a plan with an organized set of procedures for identifying and responding to unexpected but possible problems at the Site. A remedial action/contingency plan is necessary to ensure protection of the natural environment. A leachate contingency plan is a specific requirement of Reg. 232.*

49. *The reasons for the conditions in section 51.0 and 52.0 are to ensure that detailed records of Site inspections are recorded and maintained for inspection and information purposes and to provide for the proper assessment of effectiveness and efficiency of site design and operation, their effect or relationship to any nuisance or environmental impacts, and the occurrence of any public complaints or concerns. Record keeping is necessary to determine compliance with this ECA, the EPA and its regulations.*

50. *The reason for the conditions in section 53.0 is to ensure that the Owner is prepared and properly equipped to take action in the event of an emergency.*

51. *The reason for the condition 54.1 is to demonstrate that the landfill site is performing as designed and the impacts on the natural environment are acceptable. Regular monitoring allows for the analysis of trends over time and ensures that there is an early warning of potential problems so that any necessary remedial/contingency action can be taken.*

52. *The reason for conditions 54.3 through 54.6 is to ensure protection of the natural environment and the integrity of the groundwater monitoring network.*

53. *The reason for the conditions in section 56.0 is to ensure a forum is in place for the exchange of information and public dialogue on activities carried out at the landfill Site. Open communication with the public and local authorities is important in helping to maintain high standards for Site operation and environmental protection.*

54. *The reason for the conditions in section 57.0 is to ensure that final closure of the Site is completed in an*

aesthetically pleasing manner and to ensure the long-term protection of the natural environment.

55. *The reason for the conditions in section 58.0 is to ensure that regular review of site development, operations and monitoring data is documented and any possible improvements to site design, operations or monitoring programs are identified. An annual report is an important tool used in reviewing site activities and for determining the effectiveness of site design.*

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). A420018 issued on May 15, 2024

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

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

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

The Notice should also include:

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

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

This Notice must be served upon:

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

and

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

and

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

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

This instrument is subject to Section 38 of the *Environmental Bill of Rights,* 1993, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at

https://ero.ontario.ca/, you can determine when the leave to appeal period ends.

The above noted activity is approved under s.20.3 of Part II.1 of the *Environmental Protection Act.*

DATED AT TORONTO this 13th day of July, 2026

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

RL/
c: Area Manager, MECP Cornwall
c: District Manager, MECP Ottawa
Andrew Harwood P.Eng., WSP Cananda Inc.