

**AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER A460702

Issue Date: February 26, 2026

Waste Connections of Canada Inc.  
6220 Hwy 7, Unit 600  
Woodbridge, Ontario  
L4H 4G3

Site Location: Navan Landfill  
3354 Navan Rd  
Ottawa, Ontario  
K4B 1H9

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

*the use and operation of a 40 hectare landfill site and processing site all within a 92.85 hectare total site area.*

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

"Approval" or "ECA" means this entire provisional Environmental Compliance Approval document, issued in accordance with Section 20.3 of the EPA, and includes any schedules to it, the application and the supporting documentation listed in schedule "A";

"ARA" means Aggregate Resources Act, R.S.O. 1990, c. A.8, as amended;

"Buffer" means the area between the landfill waste area and the landfill property line;

"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 V of the EPA;

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

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

"FOMB" means Friends of the Mer Bleue Community Association

"Ministry" means the Ministry of the Environment, Conservation and Parks;

"NCC" means the National Capital Commission.

"Noise Guidelines for Landfill Sites" means the Ministry document entitled "Noise Guidelines for Landfill Sites", dated June 1998, as amended from time to time;

"O. Reg. 153/04" means Ontario Regulation 153/04, entitled "Records of Site Condition - Part XV.1 of the Act", made under the EPA

"O. Reg. 180" means Ontario Regulation 189/04, amended to Ontario Regulation 180/07, entitled "Refrigerants";

"O. Reg. 903" means Regulation 903, R.R.O. 1990, made under the OWRA, as amended from time to time;

"Operator" has the same meaning as "operator" as defined in s.25 of the EPA;

"Owner" means any person that is responsible for the establishment, operation/management or control of any aspect of the site being approved by this Approval, and includes Waste Connections of Canada Inc., its successors and assigns;

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

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

"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;

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

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

"Refrigerant Appliances" means household appliances which use, or may use refrigerants and which include, but is not restricted to refrigerators, freezers and air-conditioning systems;

"Residual Waste" means waste resulting from the on-site operations and which is directed, directly or indirectly, for final disposal at a Ministry approved site in Ontario or a site licensed or certified by an equivalent government agency to accept such waste;

"Site" means the entire waste disposal/processing site, including the buffer lands and contaminant attenuation zone located at Part of Lots 2, 3 and 4, Concession 4 (Ottawa Front), 3354 Navan Road, Township of Gloucester, now in the City of Ottawa (Parts 1, 2, and 3 on Plan 4R-21920), approved by this Approval;

"Trained personnel" means personnel knowledgeable in the following through instruction and/or practice:

- (i) relevant waste management legislation, regulations and guidelines as applicable;
- (ii) major environmental concerns pertaining to the waste to be handled;
- (iii) occupational health and safety concerns pertaining to the processes and wastes to be handled;
- (iv) management procedures including the use and operation of equipment for the processes and wastes to be handled;
- (v) emergency response procedures and use of necessary equipment;
- (vi) specific written procedures for the control of nuisance conditions;
- (vii) specific written procedures for refusal of unacceptable waste loads; and
- (viii) the requirements of this Approval.

“White Goods” means household appliances; and

“Wood Waste” as defined in the Reg. 347 R.R.O. 1990 as amended not including composite wood products.

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

## TERMS AND CONDITIONS

### GENERAL

#### Compliance

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

#### In Accordance

3. Except as otherwise provided for in this Approval, the Site shall be designed, developed, built, operated and maintained in accordance with the application for this Approval, dated January 29, 2008, and the relevant supporting documentation listed in Schedule “A”.

#### Interpretation

4. Where there is a conflict between a provision of any document, including the application referred to in this Approval, and the conditions of this Approval, the conditions in this Approval shall take precedence.
5. Where there is a conflict between the application and a provision in any documents listed in Schedule "A", the application shall take precedence, unless it is clear that the purpose of the document was to amend the application and that the Ministry approved the amendment.

6. Where there is a conflict between any two documents listed in Schedule "A", other than the application, the document bearing the most recent date shall take precedence.
7. The conditions of this Approval are severable. If any condition of this Approval, or the application of any condition of this Approval to any circumstance, is held invalid or unenforceable, the application of such condition to other circumstances and the remainder of this Approval shall not be affected thereby.

### **Other Legal Obligations**

8. The issuance of, and compliance with, this Approval does not:
  - a. relieve any person of any obligation to comply with any provision of the EPA or any other applicable statute, regulation or other legal requirement; or
  - b. limit in any way the authority of the Ministry to require certain steps be taken or to request that any further information related to compliance with this Approval be provided to the Ministry;unless a provision of this Approval specifically refers to the other requirement or authority and clearly states that the other requirement or authority is to be replaced or limited by this Approval.

### **Adverse Effect**

9. The Owner and Operator shall take all reasonable steps to minimize and ameliorate any adverse effect or impairment of water quality off-site resulting from the operation of the Site, including such accelerated or additional monitoring as may be necessary to determine the nature of the effect or impairment.
10. Despite fulfilling the obligation imposed by this Approval, the Owner or Operator remain responsible for any contravention of any other condition of this Approval or any applicable statute, regulation, or other legal requirement resulting from any act or omission that caused the adverse effect or impairment of water quality.

### **Change of Owner**

11. The Owner shall notify the Director, in writing, and forward a copy of the notification to the District Manager, within 30 days of the occurrence of any changes in the following information:
  - the ownership of the Site;
  - the Operator of the Site;
  - the address of the Owner or Operator;
  - 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;
  - the name of the corporation where the Owner or Operator is or at any time becomes a corporation, other than a municipal corporation, and a copy of the most current information filed under the Corporations Information Act, R. S. O. 1990, c. C.39, shall be included in

the notification.

12. In the event of any change in the ownership of the works, other than a change to a successor municipality, the Owner shall notify in writing the succeeding owner of the existence of this Approval, and a copy of such notice shall be forward to the Director and District Manager.

### **Furnish Information**

13. Any information requested by the Director or a Provincial Officer concerning the Site and its operation under this Approval, including but not limited to any records required to be kept by this Approval shall be provided in a timely manner.
14. The receipt of any information by the Ministry or the failure of the Ministry to prosecute any person or to require any person to take any action, under this Approval or under any statute, regulation or subordinate legal instrument, in relation to the information, shall not be construed as:
  - an approval, waiver, or justification by the Ministry of any act or omission of any person that contravenes any condition of this Approval or any statute, regulation or other subordinate legal requirement; or
  - acceptance by the Ministry of the information's completeness or accuracy.

### **CERTIFICATE OF REQUIREMENT/REGISTRATION ON TITLE**

15. Pursuant to Section 197 of the EPA, neither the Owner nor any person having an interest in the Site, shall deal with the Site in any way without first giving a copy of this Approval to each person acquiring an interest in the Site as a result of the dealing.

### **INVOLVEMENT OF THE CITY OF OTTAWA**

16. Where this Approval requires a submission for the Director's approval, the Owner shall, at the time of the submission required by the Director:
  - (a) notify the City of Ottawa of the condition of approval requiring the submission;
  - (b) provide a copy of the submission to the City of Ottawa;
  - (c) notify the City of Ottawa that all comments and concerns regarding the submission should be made directly to the Director; and
  - (d) provide the Director with confirmation that (a), (b) and (c) above have been completed.

### **INSPECTIONS**

17. No person shall hinder or obstruct a Provincial Officer from carrying out any and all inspections authorized by the OWRA, the EPA, or the PA, of any place to which this Approval relates, and without limiting the foregoing:
  - (a) to enter upon the premises where the approved works are located, or the location where the records required by the conditions of this Approval are kept;

- (b) to have access to, inspect, and copy any records required to be kept by the conditions of this Approval;
- (c) to inspect the Site, related equipment and appurtenances;
- (d) to inspect the practices, procedures, or operations required by the conditions of this Approval; and
- (e) to sample and monitor for the purposes of assessing compliance with the terms and conditions of this Approval or the EPA, the OWRA or the PA.

**FREEDOM OF INFORMATION ACT**

18. Any information related to this Approval and contained in Ministry files may be made available to the public in accordance with the provisions of the Freedom of Information and Protection of Privacy Act, RSO 1990, CF-31.

**FINANCIAL ASSURANCE**

19. Within thirty (30) days of issuance of this ECA, the Owner shall submit to the Director, an updated Financial Assurance, as defined in Section 131 of the Act, in the amount of **\$21,026,164**. This Financial Assurance shall be in a form and amount acceptable to the Director and shall provide sufficient funds for the closure, post-closure care, and contingencies for the Site.

20. The Financial Assurance shall be updated annually as per the following schedule:

<b>Date</b>	<b>Financial Assurance Amount</b>
By December 31, 2026	\$22,076,926
By December 31, 2027	\$23,132,433
By December 31, 2028	\$22,490,807
By December 31, 2029	\$22,203,256

21. Commencing on March 31, 2030 and on a five year basis thereafter, the Owner shall provide to the Director a re-evaluation of the amount of the Financial Assurance to facilitate the actions required under Condition 19. The re-evaluation shall include an assessment based on any new information relating to the environmental conditions of the Site and shall include the costs of additional monitoring and/or implementation of alternative measures required by the Director upon review of the annual reports. The Financial Assurance must be submitted to the Director within thirty (30) days of written acceptance of the re-evaluation by the Director.

22. 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 Owner shall forthwith replace the Financial Assurance with cash.

### **PUBLIC ADVISORY COMMITTEE**

23. The Owner shall use its best efforts to establish and maintain a Public Advisory Committee (PAC) for the Site. The PAC shall serve as a focal point for dissemination, review and exchange of information and monitoring results relevant to the operation of the undertaking. In addition, the purpose of the PAC will be to provide community review of the development, operation (current and proposed) and ongoing monitoring, closure and post-closure care related to the landfill site. The PAC will also be provided the opportunity to review and comment on any subsequent applications for approval under the EPA and the OWRA.
24. The Owner shall invite representatives from the City of Ottawa, the Ministry, the NCC and the FOMB to sit on the committee.
25. The Owner shall, in consultation with the PAC, develop a terms of reference for the PAC that will describe how the PAC shall carry out business, a dispute resolution strategy to resolve issues and disagreements between the PAC and the Owner. The Owners shall provide the terms of reference to the Director and the District Manager for placement on the public record.
26. The Owner with approval from the Director and the District Manager, may dispense with the PAC if, after a period of time and after giving sufficient notice, there is no interest from the public in continuing with it. The need for a PAC shall be reviewed by the Owner on a yearly basis.

### **CONSTRUCTION, INSTALLATION and PLANNING**

#### **27. Major Works**

For the purposes of this Approval the following are Major Works:

- landfill gas management system;
  - leachate collection and management system for Phases 1 and 6 (i.e. lateral expansion area).
- a. A final detailed design stamped and signed by a Professional Engineer shall be prepared for each Major Work to be constructed at the Site consistent with the conceptual design of the Site as presented in the Supporting Documentation, specifically Item 41 in Schedule "A".
  - b. The final detailed design of each Major Work shall include the following:
    - design drawings and specifications;
    - a detailed quality assurance / quality control (QA/QC) program for construction of the major work, including necessary precautions to avoid disturbance to the

- underlying soils; and
  - details on the monitoring, maintenance, repair and replacement of the engineered components of the major work, if any.
- c. Any design optimization or modification that is inconsistent with the conceptual design shall be clearly identified, along with an explanation of the reasons for the change.
  - d. The final detailed design of each Major Work shall be submitted to the Director, copied to the District Manager.
  - e. No construction of a Major Work shall commence prior the Director approving, in writing, the final detailed design of that Major Work. Each major work shall be constructed in accordance with the approved final detailed design and the QA/QC procedures shall be implemented as approved by the Director.
  - f. As-built drawings for all Major Works shall be retained on site and made available to Ministry staff for inspection.

### **Phases 1 & 6**

28. No person shall deposit any waste in Phases 1 & 6 until a written Preparation Report has been submitted to the Director and District Manager documenting that:
  - all construction;
  - QA/QC activities;
  - Site conditions; and,
  - all details of the construction of the stage;

are in accordance with the approved design plans and specifications.

29. Approval to proceed with landfilling each subsequent phase shall be dependent on monitoring results acceptable to the District Manager. Monitoring results will be submitted to the District Manager as part of the annual monitoring report requirement. If monitoring results are not acceptable to the District Manager then appropriate remedial action must be taken and completed before landfilling may proceed in the subsequent phase and the Owner shall be notified to this effect by the District Manager.

### **BUFFER**

30. A minimum buffer of thirty (30) metres shall be maintained from the northern, eastern and western limits of the waste fill area and a minimum of ten (10) meters shall be maintained from the southern limit of the waste fill area. An additional buffer of one hundred (100) metres to the south of the VIA corridor shall be maintained.
31. No waste shall be placed within the Buffer zone.

## **SERVICE AREA**

### **Landfilling**

32. Only waste, (including daily and intermediate cover) generated within the Province of Ontario may be received for disposal at the landfill Site. No waste from the City of Toronto shall be accepted for disposal at the site.

### **Processing/Recycling**

33. Only waste generated within Outaouais and Province of Ontario may be received at the Processing site. No waste from the City of Toronto shall be accepted at the Processing site.

## **APPROVED WASTE TYPES**

### **Landfilling**

34. Only solid non-hazardous municipal waste and asbestos waste as defined in the Reg. 347, excluding putrescible waste shall be accepted at the Site for landfilling.

### **Processing/Recycling**

35. Only solid non-hazardous municipal waste as defined in the Reg. 347, excluding putrescible waste shall be accepted at the Site for processing/recycling.

### **Composting**

36. No waste of any kind shall be accepted for composting at the Site.

### **Household Hazardous Waste Day Events**

37. (a) No Household Hazardous Waste (HHW) shall be accepted at the Site, except during HHW collection events when HHW from a residential source, carried to the Site by the generator is immediately received by a hazardous waste carrier permitted through valid Approval to receive, temporarily store and transport HHW to an approved waste disposal site.
- (b) All HHW collected by the hazardous waste carrier as identified in Condition 37 (a) must be removed from the Site within 24 hours of the completion of the HHW collection event.

## **PROCESSING/RECYCLING**

38. The Owner shall ensure that:
- (a) all waste containers and waste storage areas are clearly labelled;
- (b) all lids or doors on bins shall be kept closed during non-operating hours and during the high

wind events; and

- (c) if necessary to prevent litter, waste storage areas shall be covered during the high winds events.
39. The Owner shall provide a segregated area for the storage of White Goods so that the following are ensured:
- (a) all Refrigerant Appliances shall be tagged to indicate that the refrigerant has been removed by a licensed technician. The tag number shall be recorded in the log book required by this Approval and shall remain affixed to the appliance until transferred from the Site; or
  - (b) all Refrigerant Appliances accepted at the Site, which have not been tagged by a licensed technician to verify that the equipment no longer contains refrigerants, shall be stored segregated, in a clearly marked area, in an upright position and in a manner which allows for the safe handling and transfer from the Site for removal of refrigerants as required by O.Reg. 180; and
  - (c) Refrigerant Appliances received on-site shall either have the refrigerant removed prior to being transferred from the Site or shall be shipped off-site only to facilities where the refrigerants can be removed by a licensed technician in accordance with O.Reg. 180.
  - (d) All white goods are to be removed from the site within six (6) months of receipt in accordance with O.Reg. 180.
40. The Owner shall transfer waste and recyclable materials from the Site as follows:
- (a) waste and recyclable materials shall be transferred from the drop off area once their storage bins or bunkers are full;
  - (b) all recyclables including scrap metal shall be transferred off-site at least twice a year; and
  - (c) immediately, in the event that waste is creating an off-site odour or vector problem.
41. The Owner shall ensure that residents are not permitted in the Processing area, and that an area with storage containers for unloading will be provided where residents or the Owner can sort through contaminated loads under supervision.
42. The Owner shall not store waste on this site in excess of one-hundred and eighty (180) days from the date of receipt.
43. The Owner shall ensure that unprocessed waste and residual waste is removed to the landfill within three (3) working days of receipt to minimize the amount of waste stored on the receiving area.
44. The Owner shall ensure that wood waste is stored and processed separately from treated wood waste.
45. Treated wood waste must be stored on the waste footprint so that any run off is collected in the leachate treatment system.

46. The Owner shall ensure that materials recovered for reuse and which degrade when subjected to weathering (eg: paper, cardboard, drywall, gypsum, etc.) are stored beneath a cover or tarp or inside a building for protection from the elements.

## **CAPACITY**

### **Landfilling**

47. The maximum waste disposal volume of the Site, including waste, daily cover and intermediate cover, but excluding the final cover is **7,600,000** cubic metres.
48. Subject to Condition 49 of this Approval, the maximum daily rate, averaged over a year, at which the Site can receive waste (including daily and interim cover) is 1,500 tonnes per day.
49. The maximum annual amount at which the Site can receive waste for disposal is 234,750 tonnes per year.
50. Contaminated/impacted soil to be used as an alternative daily or interim cover may be received at the Site in excess of the maximum annual waste limit provided the amount of such soil received is no greater than the amount required to fulfill a waste to cover ratio of 4:1 by volume.
51. The Owner shall ensure that, prior to using any processed waste generated from the Processing site as daily cover for the landfill area that the procedure set out in the Ministry's document entitled "Procedure for Gaining Approval to Use Alternative Materials to Soil as Daily Cover in Landfills that Receive Only Municipal and Non-Hazardous Solid Wastes" is adhered to.

### **Processing**

52. The Owner shall ensure that no more than two hundred twenty-five (225) tonnes of unprocessed and residual waste materials from processing operations shall be stored on site at any time.
53. In the event that the waste cannot be transferred, or the processing site experiences equipment failure, or the site has reached the site storage capacity, the site shall not receive any additional waste for processing and shall ensure the waste is removed from the site as soon as possible.

## **BURNING PROHIBITIONS**

54. Burning of waste, including wood waste and brush at the Site is prohibited.

## **COVERS**

55. Waste shall be deposited in a manner that minimizes the exposed area at the landfill working face and it shall be compacted before the cover material is applied.
56. Cover material shall be applied over waste as follows:

- (a) **Daily Cover:**  
At the end of each working day, the entire working face shall be covered with a minimum thickness of 150 mm of cover material.
- (b) **Intermediate Cover:**  
In areas where landfilling has been temporarily discontinued for six (6) months or more, a minimum thickness of 300 mm of cover material shall be placed.
- (c) **Final Cover:**
  - (i) the Owner shall place a minimum of 900 mm of clay final cover and 150 mm of top soil over waste landfilled.
  - (ii) Fill areas shall be progressively completed and covered as landfill development reaches contours approved in this Approval.
  - (iii) Seeding of the final cover shall be undertaken in the next growing season following the placement of the final cover.
  - (iv) Slopes of the final cover shall not be less than 5% to promote effective surface water run-off.
  - (v) Slopes of the final cover shall not be more than 25%.

- 57. Where the existing intermediate cover material has eroded such that waste is exposed, the cover material shall be promptly replaced.
- 58. The Owner shall ensure that sufficient amount of cover material is available for use during the winter season.
- 59. Foundry sand, wood chips, and contaminated soil may be used as daily cover.
- 60. Use of snow as daily cover is prohibited.

#### **SITE ACCESS/HOURS OF OPERATION**

- 61. (a) The normal operating hours of the Site for the receipt of waste shall be from Monday to Saturday: 7:00 am - 6:00 pm.
  - (b) The Owner may provide alternative hours of operation providing that they are correctly posted at the Site gate, that suitable public notice is given of any change and that there are no objections or complaints from the public regarding the hours of operation.
  - (c) The Owner shall notify the District Manager of the new proposed operating hours fourteen (14) business days prior to their implementation. The notification shall include the details on the public notification undertaken by the Owner and the public's response to the proposal.
- 62. The Owner shall ensure that there will be no crushing or grinding at the Processing site on Saturdays or Sundays.

63. (a) Access to and exit from the Site for the transportation of waste shall only be permitted from Navan Road.
- (b) 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 and safely on any operating day.
- (c) Only brick, concrete, recycled asphalt, and inert granular material may be used as road base material on the Landfill Site.
64. The Owner shall post visible signs along the traffic route providing clear directions to the Site.

### **SITE SECURITY**

65. No waste shall be received, landfilled or removed from the Site unless a site supervisor or attendant is present and supervises the operations during the approved operating hours. The Site shall be closed when a site attendant is not present to supervise waste handling operations.
66. The Site shall be operated and maintained in a secure manner. During non-operating hours, the Site entrance/exit gate shall be locked and the Site shall be secured against access by unauthorized persons.

### **SIGNS**

67. A sign shall be installed and maintained at the main entrance/exit to the Site on which is legibly displayed the following up-to date information:
- (a) the name of the Site and the Owner;
  - (b) the number of the Approval;
  - (c) the normal hours of operation;
  - (d) the allowable and prohibited waste types;
  - (e) the telephone number to which complaints may be directed;
  - (f) a twenty-four (24) hour emergency telephone number (if different from above);
  - (g) a warning against dumping outside the Site; and
  - (h) a warning against unauthorized access.
68. The Owner shall install and maintain signs at the Site to direct vehicles to the working face, the processing/recycling area and the other disposal or storage areas designated for wastes requiring special handling procedures.
69. The Owner shall regularly update the signs required by this Approval in an effort to display up-to-date information to the Site users.

### **ADVERSE EFFECT**

70. The Site shall be operated and maintained so that dust, litter, odour, noise, vermin, vectors and traffic do not create an off-site adverse effect.

## **Litter Control**

71. (a) The Owner shall take all practical steps to prevent the escape of litter from the Site. If necessary, litter fencing shall be erected around the working area of the landfill and the storage of recyclable materials.
- (b) Litter shall be picked-up at the Site and along the access road in the vicinity of the Site as/when required.

## **Dust Control**

72. The Owner shall control fugitive dust emissions from the on-site sources including, but not be limited to the on-site roads, stockpiled cover material, the Soil Treatment Pad and closed landfill areas. If necessary, the major sources of dust shall be treated with water and/or dust suppression materials to minimize the overall dust emissions from the Site.
73. The Owner shall ensure that reasonable efforts are made to keep the access road used by vehicles to leave the Site, free of mud, dirt and waste.

## **Noise**

74. Noise from or related to the operation of the Site shall be kept to a minimum and in any event, the Owner shall comply with the criteria set out in the Ministry's guideline entitled "Noise Guidelines for Landfill Sites" as amended from time to time.

## **Vermin**

75. Vermin related to waste handling activities are to be adequately controlled at the Site. Should vermin become a problem, a licensed exterminator shall be engaged at a frequency necessary to bring the problem under control.

## **HANDLING OF ASBESTOS WASTE**

76. Asbestos shall be handled at the Site in accordance with this Approval and the Design and Operations Report (Item 41 of Schedule "A").
77. During the transportation or unloading thereof, any asbestos waste that is loose or in a container that is punctured, broken or leaking shall be handled in accordance with Reg. 347 as amended.
78. Where containers of asbestos waste are being unloaded, the unloading shall be carried out in accordance with Reg. 347 as amended.
79. Asbestos waste may be deposited at a landfilling site only while the depositing is being supervised by the operator of the site or a person designated by the operator for the purpose and the person supervising is not also operating machinery or the truck involved.
80. Where asbestos waste is deposited, at least 125 centimetres of garbage or cover material must be placed forthwith over the deposited asbestos waste in such a manner that direct contact with

compaction equipment or other equipment operating on the site is avoided.

81. Every person handling asbestos waste or containers of asbestos waste, supervising the unloading of asbestos waste in bulk or cleaning asbestos waste residues from containers, vehicles or equipment shall wear protective clothing and personal respiratory equipment while so doing.
82. Protective clothing that has been or is suspected of having been in contact with asbestos waste shall be changed at the site of the exposure and either properly disposed of as asbestos waste or washed at the end of the working day. Disposable protective clothing shall not be reused.
83. Every person directly or indirectly involved in the transportation, handling or management of asbestos waste shall take all precautions necessary to prevent asbestos waste from becoming airborne.

### **LANDFILL GAS**

84. The Owner shall ensure that any buildings or structures at the Site contain adequate ventilation systems to relieve any possible landfill gas accumulation. Routine monitoring for explosive methane gas levels shall be conducted in all buildings or structures at the Site, especially enclosed structures which at times are occupied by people. The Owner shall ensure that landfill gas alarms are installed and working properly in all existing and proposed on site buildings on site.

### **SURFACE WATER MANAGEMENT**

85. The Owner shall construct berms and/or ditches that may be necessary to prevent extraneous surface water from contacting waste in the active working face or waste storage areas, which may create contaminated surface water run-off.

### **LEACHATE MANAGEMENT SYSTEM**

86. The leachate management system shall be managed and operated as described in Item 41 in Schedule "A" attached to this Approval.

### **SCAVENGING**

87. Scavenging at the Site is prohibited.

### **EMPLOYEES AND TRAINING**

88. A training plan for all employees that operate any aspect of the Site shall be developed and implemented by the Owner. Only Trained Personnel shall operate any aspect of the Site or carry out any activity required under this Approval.

### **DAILY INSPECTIONS**

89. The following items shall be inspected on a daily basis
  - adequacy of daily cover material;

- evidence of unacceptable wastes or illegal dumping;
- need for dust control on working areas or access roads;
- unacceptable levels of odours;
- evidence of leachate discharge to surface in the immediate vicinity of the working face.

### **WEEKLY INSPECTIONS**

90. An inspection of the entire Site and all equipment active and in use at the Site shall be conducted each week to ensure that the Site is secure, that the operation of the Site is not causing any adverse effects on the environment and that the Site is being operated in compliance with this Approval. Any deficiencies discovered as a result of the inspection shall be remedied immediately, including temporarily ceasing operations at the Site, if needed.
91. The areas to be inspected shall include, but not be limited to the following:
- (a) the condition of the active disposal areas, the recyclable bins, the wood waste pile, the scrap metal pile, the white goods area and processing area;
  - (b) condition of the surface water drainage works (on site ditches and ponds);
  - (c) presence of any ponded water at the Site;
  - (d) condition of the on-site roads for evidence of excessive erosion, mud and/or waste and fugitive dust emissions;
  - (e) condition of any soil stock piles for evidence of excessive erosion;
  - (f) presence of litter at the Site's perimeter and litter fences;
  - (g) condition of the intermediate cover and of the final cover;
  - (h) presence of vector, vermin, scavenging birds and animals;
  - (i) condition of the on-site facilities, the gate and its lock and the signs required by this Approval;
  - (j) amount of the cover material to ensure that sufficient daily cover is available at all times that the Site is in operation;
  - (k) accuracy of the weigh scale;
  - (l) waste handling placement practices; and
  - (m) evidence of leachate seeps over the entire landfill area.

### **MONTHLY INSPECTIONS**

92. The areas to be inspected on a monthly basis shall include, but not be limited to the following:
- a. the landfill cap for evidence of vegetative stress;
  - b. side slopes of the landfill.

### **Cleaning LCS**

93. The leachate collection system piping for each stage of the landfill shall be inspected annually for the first five years after waste placement and then as often as future inspections indicate to be necessary. Additionally, leachate collection pipes must be cleaned whenever an inspection indicates that cleaning is necessary.

### **Leachate Collection System:**

94. The Owner shall install 200 mm diameter perforated leachate collection pipes with perforations located at the 10:30, 4:30, 1:30 and 7:30 positions.
95. The stone for the leachate collection system shall have the following specifications:
- $D_{85}$  shall be greater than 37 mm where  $D_{85}$  is described as the stone diameter such that, when measured by weight, 85% of the stones in the layer have a smaller diameter;
  - $D_{10}$  shall be greater than 19 mm where  $D_{10}$  is the stone diameter such that, when measured by weight, 10% of the stones in the layer have a smaller diameter;
  - $D_{60}/D_{10}$  shall be less than 2; and,
  - One per cent (1%) of the stones may pass a #200 sieve.
96. A minimum of 50 mm of stone shall be placed below the leachate collection pipes and a minimum of 250 mm of stone shall be placed above any leachate collection pipes.
97. All leachate collection pipes shall be installed in accordance with Item 41 of Schedule "A".

### **STORMWATER MANAGEMENT PONDS**

98. For the first two years of pond operation, the Owner shall inspect the east and west ponds after each significant rainfall event. A significant rainfall event is defined as a rainfall event in excess of 15 mm.
99. After the first two years of pond operation, the Owner may submit a revised inspection frequency to the Director for approval.
100. The inspections shall evaluate the inlet and outlet channel integrity, side slope integrity, retention capacity and inlet and outlet structure.
101. When sediment has accumulated to 15% of the depth of the permanent pool, the Owner shall undertake measures to remove the sediment.

### **DITCH SYSTEM**

102. The interceptor and stormwater bypass drainage ditches shall be inspected on an annual basis during the fall prior to snowfall to identify any clean out requirements. If clean out is required, it should be completed promptly.
103. Weed removal on the ditch network and ponds shall be conducted as required.
104. On new ditches that are constructed or existing ditches that are re contoured, the Owner shall install appropriate vegetation after the work is completed.

### **PRESERVATION OF TREES**

105. The Owner shall make all the best efforts to protect mature trees and vegetation on site that

could be used to screen the construction of the landfill berms where appropriate.

### **LANDFILL GAS CONTROL SYSTEM**

106. The landfill gas control system shall operate during the post closure period until the Owner provides sufficient justification to the Director that operation of the landfill gas control system will no longer be necessary.
107. At no time may operation of the landfill gas control system be terminated unless approval of the Director has been obtained.

### **FINAL SIDE SLOPES OF DITCHES, PONDS AND BERMS**

108. The Owner shall ensure that the final side slopes of all ditches, ponds and berms conform with the design and drawings in Section 6.8 and Appendix B of Item 41 of Schedule "A".

### **ENVIRONMENTAL MONITORING**

109. The Owner shall carry out groundwater, surface water monitoring in accordance with Items 41 and 42 of the Schedule "A" attached to this Approval.
110. The Owner shall ensure the annual sampling of landfill gas according to Item 41 on Schedule "A" includes one sampling session during the winter when the ground is frozen.
111. The Owner shall ensure that dust, odour and noise monitoring is undertaken at the Site in accordance with Item 41 of Schedule "A" attached to this Approval.
112. A certified Professional Geoscientist or Engineer possessing appropriate hydrogeological training and experience will execute or directly supervise the execution of the groundwater monitoring and reporting program.

### **Installation of monitoring well in the Mer Bleue Bog**

113. The Owner shall ensure that a monitoring well to satisfy the requirements of condition 10.3 of the EA approval is installed.

### **Groundwater Wells / Monitors**

114. The Owner shall ensure that all groundwater monitoring wells which form part of the monitoring program are properly capped, locked and protected from damage.
115. Where landfilling is to proceed around monitoring wells, suitable extensions shall be added to the wells and the wells shall be properly re-secured.
116. Any groundwater monitoring well included in the on-going monitoring program that are damaged shall be assessed, repaired, replaced or decommissioned by the Owner, as required.

117. 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.
118. All monitoring wells which are no longer required as part of the groundwater monitoring program, and have been approved by the District Manager for abandonment, shall be decommissioned by the Owner, as required, in accordance with O.Reg. 903, that will prevent contamination through the abandoned well. A report on the decommissioning of the well shall be included in the Annual Report for the period during which the well was decommissioned.

### **TRIGGER MECHANISM AND CONTINGENCY PLANS FOR LANDFILL**

119. Concentration limits for methane in landfill gas shall not exceed the following:
  - (a) 2.5 percent methane gas in the subsurface at the property boundary;
  - (b) 1.0 percent methane in an on-site building, or its foundation; and
  - (c) 0.05 percent methane (i.e. present) in a building, or its foundation, which is located off-site.
120. In the event the results of a monitoring test carried out for landfill gas does not comply with criterion set out in the above condition, the operator shall implement the contingency measures set out in Section 10.3 of Item 41 of Schedule "A" attached to this Approval.
121. In the event of a confirmed exceedance of the site-specific trigger level relating to groundwater or surface water impacts due to leachate as described in the site-specific trigger mechanism program as described in Item 42 on Schedule "A", the Owner shall complete the following:
  - (a) immediately notify the District Manager; and
  - (b) conduct an investigation into the cause of the adverse result and submit a report to the District Manager that includes an assessment of whether or not contingency measures need to be implemented.
122. If monitoring results, investigative activities and application of the trigger criteria indicate the need to implement contingency measures, the Owner shall ensure that the following steps are taken:
  - (a) the District Manager shall be notified of the need to implement contingency measures in the next Annual Report that is to be submitted to the Ministry;
  - (b) detailed plans, specifications and descriptions for the design, operation and maintenance of the contingency measures and the implementation schedule shall be prepared and submitted to the Director for approval no later than six (6) months following the date that the contingency measures were judged necessary; and

- (c) the contingency measures shall be implemented upon approval by the Director.

### **COMPLAINTS PROCEDURE**

- 123. If at any time, the Owner receives complaints regarding the operation of the Site, the Owner shall respond to these complaints according to the following procedure:
  - (a) The Owner shall record and number each complaint, either electronically or in a log book, and shall include the following information: the nature of the complaint, the name, address and the telephone number of the complainant if the complainant will provide this information and the time and date of the complaint;
  - (b) The Owner, upon notification of the complaint, shall initiate appropriate steps to determine all possible causes of the complaint, proceed to take the necessary actions to eliminate the cause of the complaint and inform the complainant about the causes and actions taken to eliminate the situation; and
  - (c) The Owner shall complete and retain on-site, a report written within one (1) week 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 recurrence of similar incidents.
  - (d) A summary of the complaints and their resolutions shall be provided in the Annual Report.

### **EMERGENCY SITUATIONS**

- 124. (a) The Owner shall develop a emergency response plan for the Site and shall ensure a copy of the response plan is kept on-site and remains on-site and is available for inspection by Provincial Officer(s), emergency response personnel and the local Fire Department.
- (b) Within three (3) days of any amendment to the emergency response plan, the Owner shall notify, in writing, the District Manager and the local Fire Department.
- 125. (a) Any spills, fires or other emergency situations shall be forthwith reported directly to the Ministry's Spills Action Centre (1-800-268-6060) and shall be cleaned up immediately.
- (b) In addition, the Owner shall submit, to the District Manager a written report within three (3) business days of the emergency situation, outlining the nature of the incident, remedial measures taken, handling of waste generated as a result of the emergency situation and the measures taken to prevent future occurrences at the Site.
- 126. All wastes resulting from an emergency situation shall be managed and disposed of in accordance with Reg. 347.
- 127. All equipment and materials required to handle emergency situations shall be:

- (a) kept on hand at all times that waste landfilling and/or handling is undertaken at the Site; and
- (b) be adequately maintained and kept in good repair.

128. The Owner shall ensure that the emergency response personnel are familiar with the use of such equipment and its location(s).

## **RECORDS KEEPING**

### **Daily Operations Records**

129. The Owner shall establish on a daily or occurrence basis reports of the landfilling and processing operations, in the form of a log or a dedicated electronic file and it shall include, as a minimum, the following information:

- (a) type and estimated amount of waste received at the Site for landfilling and processing;
- (b) area of the Site in which landfilling operations are taking place;
- (c) type, source and amount of daily or intermediate cover used;
- (d) waste types and quantities recyclable wastes received at the Site;
- (e) source of their generation (e.g. customer);
- (f) waste types and quantities of recyclable wastes transferred off the Site;
- (g) destination of recyclable wastes transferred off the Site;
- (h) white goods tag numbers tagged at the Site;
- (i) types of waste and quantity transferred from the processing area into the landfilling area;
- (j) the calculated total quantity (including volume or weight) of waste remaining on-site at the end of each day;
- (k) summary of the composting activities undertaken at the Site;
- (o) records of any dust suppression activities undertaken at the Site as required by this Approval;
- (p) maintenance and repairs performed on the equipment used at the Site;
- (q) records of complaints received and actions taken to resolve them as required by this Approval;
- (r) summary of emergency situations and actions taken to address them;
- (s) any environmental and operational problems and any mitigative actions taken;
- (t) any recommendations to minimize environmental impacts from the operation of the waste diversion areas to improve such operations in this regard; and
- (u) any other information required by the District Manager.

### **Inspections Records**

130. The Owner shall establish and maintain a written record of the weekly Site inspections as required by this Approval. This record shall be in the form of a log or a dedicated electronic file and it shall include, as a minimum, the following information:

- (a) date and time of inspection;
- (b) name, title and signature of trained personnel conducting the inspection;
- (c) a listing of all the areas inspected and any deficiencies observed; and
- (d) recommendations for remedial action and the completion date of such action.

## **Waste Refusal Records**

131. A record shall be kept of all refusals of waste shipments, the reason(s) for refusal, and the origin of the waste, if known. The Owner shall notify the District Office in writing of any refused loads within 24 hours after the waste refusal occurs.

## **Records Retention**

132. (a) The Owner shall retain all documentation listed in Schedule "A" for as long as this Approval is valid.
- (b) The Owner shall retain at the Site, all records required by this Approval for a minimum of two (2) years from the date of their creation.
- (c) The Owner shall retain the employee training records for as long as the employee is working at the Site.
- (d) The Owner shall make all of the above documents and records available for inspection upon request by the staff of the Ministry.

## **ANNUAL REPORT**

133. A written report on the development, operation and monitoring of the Site, shall be completed annually (the "Annual Report"). The Annual Report shall be submitted to the District Manager no later than April 1st of the year following the period being reported upon.
134. The Annual Report shall include the following:
- (a) calculations of the volume of waste, daily and intermediate cover, and final cover deposited or placed at the Site during the reporting period and a calculation of the total volume of Site capacity used during the reporting period;
  - (b) site plan(s) showing the existing contours of the Site, areas of landfilling operations 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;
  - (c) a calculation of the remaining approved capacity of the Site and an estimate of the remaining Site life;
  - (d) summary of cover stock piling activities including use, timing, locations and erosion protection;
  - (e) monthly and annual summaries of waste types and quantities recyclable wastes received and transferred off the Site;
  - (f) destinations of recyclable wastes transferred off the Site;
  - (g) types of waste and quantity transferred from the processing area into the landfilling area;
  - (h) summary of litter pick-up and any dust suppression activities undertaken at the Site;

- (i) summary of inspections undertaken at the Site;
- (j) summary of complaints received and actions taken to resolve them;
- (k) summary emergency situations and actions taken to address them; and
- (l) any environmental and operational problems and any mitigative actions taken;
- (m) any recommendations to minimize environmental impacts from the operation of the landfill and processing areas to improve such operations in this regard;
- (n) the results and an interpretive analysis of the results of all leachate, groundwater and surface water monitoring, including an assessment of the need to amend the monitoring programs;
- (o) an assessment of the operation of the Site, the need to amend the design or operation of the Site, and the adequacy of and need to implement the contingency plans;
- (p) a report on the status of all monitoring wells and a statement as to compliance with O.Reg. 903;
- (q) any other information required by the District Manager;
- (r) a summary of all stoppages in leachate management system operation including their durations and reasons; and
- (s) any reporting requirements to satisfy the EA approval (Item 39 on Schedule "A").

## **CLOSURE PLAN**

135. At least two (2) years prior to the anticipated date of closure of this Site, the Owner shall submit to the Director for approval, with copies to the District Manager, a detailed site closure plan pertaining to the termination of landfilling operations at this Site, post-closure inspection, maintenance and monitoring and end use. The plan shall include the following:
- (a) a plan showing Site appearance after closure;
  - (b) a description of the proposed end use of the Site;
  - (c) a descriptions of the procedures for closure of the Site, including:
    - (i) advance notification of the public of the landfill closure;
    - (ii) posting of a sign at the Site entrance indicating the landfill is closed and identifying any alternative waste disposal arrangements;
    - (iii) completion, inspection and maintenance of the final cover and landscaping;
    - (iv) site security;
    - (v) removal of unnecessary landfill-related structures, buildings and facilities; and
    - (vi) final construction of any control, treatment, disposal and monitoring facilities for leachate, groundwater, surface water and landfill gas;
    - (vii) a schedule indicating the time-period for implementing sub-conditions (i) to (vi) above.
  - (d) descriptions of the procedures for post-closure care of the Site, including:
    - (i) operation, inspection and maintenance of the control, treatment, disposal and monitoring facilities for leachate, groundwater, surface water and landfill gas;
    - (ii) record keeping and reporting; and
    - (iii) complaint contact and response procedures;

- (e) an assessment of the adequacy of and need to implement the contingency plans for leachate and methane gas;
- (f) an updated estimate of the contaminating life span of the Site, based on the results of the monitoring programs to date; and,
- (g) an update of the cost estimates for financial assurance and the amount which has been provided to the Director to date.

136. The Site shall be closed in accordance with the closure plan as approved by the Director.

### **SOIL PROCESSING**

137. (1) No contaminated soil other than soil impacted with petroleum hydrocarbons (PHCs), volatile petroleum derivative compounds (VOCs, including benzene, toluene, ethylbenzene and xylenes), organic compounds listed in the Ministry document "Soil, Ground Water and Sediment Standards for Use Under part XV.I of the EPA" and low molecular weight polycyclic aromatic hydrocarbons (PAHs, including naphthalene) may be accepted for processing at the Soil Treatment Pad. All other contaminated soils shall be deemed to be residual waste and shall be managed in accordance with this Approval, the EPA and Regulation 347.
- (2) The processing of contaminated soil may include:
- 1. mechanical separation of oversized components;
  - 2. mechanical homogenization of soil;
  - 3. nutrient addition;
  - 4. moisture addition;
  - 5. the construction of bio-piles;
  - 6. periodic turning;
  - 7. process monitoring.
- (3) At no time shall soil be mixed if the principal purpose of the mixing is to reduce contaminant concentrations in one or more soil loads.
- (4) Unless otherwise specified in this Approval, the processing of contaminated soil shall be carried out in accordance with the documents in Schedule "A".
138. (1) Before accepting any contaminated soil at the Soil Treatment Pad (except for contaminated soil from emergency spill response activities) the Owner shall acquire documentation from the generator showing the origin of the contaminated soil, verifying that it is solid non-hazardous waste, and characterizing its contaminating constituents. As a minimum, the documentation shall include the following:
- (a) the generator's name and/or company name, address, and contact information;

- (b) the source site and its location;
- (c) current source site activities and land use;
- (d) past source site activities and land use, if known;
- (e) estimated quantity of the contaminated soil to be received;

(2) (a) Notwithstanding Condition 138.(1) above, the Owner may accept contaminated soil from emergency spill response activities without previous characterization, provided that this contaminated soil remains segregated from all other contaminated soil and materials on-site, and that the contaminated soil from the emergency response activities is sampled and tested in accordance with the requirements set out in Condition 139.(1) below.

(b) Any contaminated soil generated from emergency spill response activities that is found to be unacceptable for receipt at the Site shall be deemed to be residual waste and shall be removed from the Site and disposed of in accordance with this Approval, the EPA and Regulation 347.

(3) All contaminated soil treatment shall be undertaken within the dedicated Soil Treatment Pad area as set out in the supporting documentation listed in the attached Schedule "A".

(4) Trained Personnel shall visually inspect the incoming contaminated soil as it is being unloaded. Any contaminated soil that exhibits characteristics suggesting that it is not solid non-hazardous waste shall be deemed unacceptable and disposed of in accordance with this Approval, the EPA and Regulation 347.

139. (1) (a) For processed soil stock piles greater than three (3) cubic meters and less than fifty (50) cubic metres, the Owner shall ensure that a minimum of three (3) aliquots representative of the processed soil are taken and that a composite sample of the contaminated soil or processed soil is prepared for the required analysis.

(b) For processed soil stock piles greater than fifty (50) cubic metres but less than 1500 cubic metres, the Owner shall ensure that the individual grab samples for the processed soil are taken in accordance with the following sampling frequency for the required analysis:

Pile Volume	Samples for Laboratory Analysis
Less than 50 m <sup>3</sup>	A minimum of one sample
>50m <sup>3</sup> to 150 m <sup>3</sup>	A minimum of three samples
>150m <sup>3</sup> to 500 m <sup>3</sup>	A minimum of five samples
>500m <sup>3</sup> to 1500 m <sup>3</sup>	A minimum of 10 samples

- (c) For processed soil stock piles greater than 1500 cubic metres, the sampling frequency shall be determined in accordance with the formula set out in the Ministry's document entitled "Principles of Sampling and Analysis of Waste for TCLP under Regulation 347" dated February, 2002, as amended, and the Owner shall ensure that the contaminated soil and processed soil representative individual grab samples are taken for the required analysis.
  - (2) (a) All processed soil stock piles sampling shall be carried out in accordance with procedures set out in the Ministry's document entitled "Principles of Sampling and Analysis of Waste for TCLP under Regulation 347" dated February, 2002, as amended.
  - (b) Samples shall be handled in accordance with the instructions of the accredited laboratory carrying out the analytical testing.
  - (3) To verify compliance with the Soil Standards, the analysis shall be undertaken in compliance with the "Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act", dated July 1, 2011, as amended, at an accredited laboratory and in accordance with the industry standards.
140. (1) For contaminated soil that has been generated by emergency spill response activities, the Owner shall collect samples in accordance with Condition 139.(1) above within twenty four (24) hours of its receipt.
- (2) The Owner shall submit the samples to an accredited laboratory for the required analysis and shall ensure that the following parameters are tested for:
- (a) parameters required to confirm that the incoming contaminated soil is solid non-hazardous waste, including relevant parameters set out in Schedule 4 entitled "Leachate Quality Criteria" of Regulation 347;
  - (b) petroleum hydrocarbon fractions: F1 (C6-C10), F2 (>C10-C16), F3 (>C16-C34), and F4 (>C34);
  - (c) BTEX and any other VOCs based on the source site uses and history;
  - (d) SVOCs based on the source site uses and history;
  - (e) heavy metals based on the source site uses and history; and
  - (f) any other contaminants based on the source site uses and history.
141. (1) The Owner shall collect samples of processed soil in accordance with the requirements set out in Condition 139.(1) above.
- (2) Additional sampling and analysis specific to the receiving site shall be carried out as required by the local municipality, the local conservation authority and any applicable

federal/provincial legislation.

- (3) Should the receiving site be subject to the requirements set out in O. Regulation 153/04, additional sampling and analysis specific to the receiving site shall be carried out as recommended by the Qualified Person for the receiving site.

142. (1) No processed soil may leave the Site to be deposited at a receiving site except in accordance with one of the following:
  - (a) the processed soil may leave the Site provided that it is shipped to a waste disposal site approved under Part II.1 of the EPA to accept the processed soil;
  - (b) the processed soil may be deposited at or used as daily, intermediate or final cover at a waste disposal site approved under Part II.1 of the EPA in accordance with the requirements set out in the Environmental Compliance Approval issued for that waste disposal site;
  - (c) the processed soil may be shipped to a property which is being cleaned-up in accordance with O. Regulation 153/04, provided the processed soil deposit on, in or under the property complies with the requirements set out in O. Regulation 153/04;
  - (d) the processed soil may not leave the Site for deposition at a property in an “environmentally sensitive area” as described in Section 41.(1) of O. Regulation 153/04;
  - (e) the processed soil may not be deposited at a site which is a pit or quarry under the ARA, unless:
    - (i) the Qualified Person has confirmed in writing that the concentrations of constituent contaminants of the processed soil and the deposition of the processed soil at the pit or quarry are in accordance with the ARA, and the regulations, the site plan and the conditions of the licence or permit under the ARA; and
    - (ii) the Qualified Person has determined it is appropriate to bring the processed soil to the site and this determination was done with consideration given to the contaminant volumes and loadings, the impacts on the existing conditions at the receiving site and the introduction of new contaminants to the receiving site;
  - (f) the processed soil may be sent to any receiving site not listed in paragraphs (c) through (e) above, provided the receiving site has been characterized by a Qualified Person and the Qualified Person has confirmed in writing that the maximum concentrations of constituent contaminants of the processed soil do not exceed:
    - (i) the receiving site's existing average concentrations of said constituents in the

soil horizon in which the processed soil is to be deposited, or in the soil horizon of equivalent depth immediately below the fill if the processed soil is to be placed on top of the existing soil surface;

- (ii) the appropriate generic Table 2 Soil Standards for the current land use of the receiving site if said generic Table 2 Soil Standards are lower than the receiving site's existing average concentrations referred to in (i), above; or
  - (iii) A. the appropriate generic Table 2 Soil Standards for the current land use of the receiving site, and
    - B. a Qualified Person, in consultation with a Qualified Person (Risk Assessment) as appropriate, has confirmed in writing that the Qualified Person has determined it is appropriate to use the applicable generic Soil Standards for bringing the processed soil to the receiving site, and has determined this with consideration given to the Ministry document "Rationale for the Development of Soil and Ground Water Standards for Use at Contaminated Sites in Ontario, revised version April 15, 2011" including consideration of the factors used in setting the generic Soil Standards, such as the contaminant volumes and loadings assumed in the rationale document, the impacts on the existing conditions at the receiving site, and the introduction of new contaminants to the receiving site.
- (2) Notwithstanding Condition 142.(1) above, before shipping any processed soil from the Site to a receiving site, the Owner shall require the following:
- 1. A record of the receiving site owner's name and/or company name, contact information, receiving site address, and the quantity of soil being sent to the receiving site.
  - 2. Written confirmation from the Qualified Person that they:
    - i. have assessed the receiving site;
    - ii. have identified the applicable soil quality standards for the receiving site set out by the local municipality, the local Conservation Authority, any applicable provincial/federal legislation, or (in the absence of such requirements) as recommended by the Qualified Professional;
    - iii. have reviewed the test results for the processed soil, and agree that the testing is sufficient to establish compatibility of the processed soil with the receiving site and that the processed soil meets the criteria for the receiving site set out in Condition 142.(1) above;
    - iv. agree that the soil quantity and quality meet the requirements of the fill management plan for the receiving site; and
    - v. certify that all analyses and recommendations provided by the Qualified

Person have been based on engineering or scientific opinions made in accordance with generally accepted principles and practices as recognized by member of the environmental engineering or science profession or discipline practising at the same time and in the same or similar location.

3. Written confirmation from the receiving site owner that the processed soil quality and quantity to be provided is appropriate to the receiving site based on the recommendation of the Qualified Person, and that the receiving site agrees to accept the processed soil.

## SCHEDULE "A":

### **This Schedule A forms part of Environmental Compliance Approval No. A460702:**

1. Application for A Certificate of Approval for a Waste Disposal Site dated December 30, 1981.
2. Supporting Information to an Application for Approval of a Landfill Disposal Site dated December 30, 1981.
3. Site plan entitled "PART OF WEST HALF OF LOT 2 PART OF LOT 3 AND PART OF LOT 4 CONCESSION 4 (Ottawa Front) TOWNSHIP OF GLOUCESTER now in the CITY OF GLOUCESTER REGIONAL MUNICIPALITY OF OTTAWA-CARLETON" prepared by Farley, Smith & Murray Surveying Ltd. and submitted in February, 1993.
4. The report of the remaining site capacity and final contours prepared by Fondex Limited and dated May 13, 1993.
5. A letter from Huneault Waste Management to Mr. A. Lewis of the Ministry of Environment and Energy dated May 14, 1993.
6. Application form for a Certificate of Approval for a Waste Disposal Site (Processing) dated August 8, 1994, and the supporting documentation submitted therewith.
7. Application form for a Certificate of Approval for a Waste Disposal Site (Composting) dated September 2, 1994, and the supporting documentation submitted therewith.
8. Letter dated October 17, 1994 to K. Lendway, Ministry of Environment and Energy, From G. Badeboncoeur, City of Gloucester re: No objection to proposal for Composting Site.
9. Letter dated January 27, 1995 to the Ministry of Environment and Energy from M. Cutts, City of Gloucester re: No objection to proposal for Processing Site.
10. Letter dated January 11, 1995 to K. Kendway, Ministry of Environment and Energy from G. Vincelli, Regional Municipality of Ottawa-Carleton re: decline to object to this proposal for a Processing Site.
11. Letter dated February 16, 1995 to K. Lendvay, Ministry of Environment and Energy from G. Vincelli, Regional Municipality of Ottawa-Carleton re: decline to object to this proposal for a Composting Site.
12. Revised application form for a Certificate of Approval for a Waste Disposal Site (Processing) dated April 3, 1995.
13. Revised application form for a Certificate of Approval for a Waste Disposal Site (Composting) dated April 3, 1995.
14. Financial assurance dated November 22, 1995, in the amount of \$10,000 for the Processing Site and \$5,000 for the Composting Site in the form of a certified cheque, provided to the Ministry of

Environment and Energy on November 23, 1995.

15. Application for Approval of a Waste Disposal Site dated April 12, 1996 and the supporting documentation submitted therewith.
16. Application for Approval of a Waste Disposal Site dated June 11, 1996 and the supporting documentation submitted therewith.
17. Letter dated July 15, 1996 to B. Eckert, Ministry of Environment and Energy, from P. Taylor, Compost Management, re: Composting Site operations.
18. Letter dated July 24, 1996, to B. Eckert, Ministry of Environment and Energy, from N. Castonguay, Castonguay Technologies Inc., re: Composting Site impact on the leachate collection and management systems.
19. Letter dated July 25, 1996, to B. Eckert, Ministry of Environment and Energy, from P. Taylor, Compost Management, re: Costing Site operations.
20. Letter dated November 26, 1998 to S. Burns, Ministry of the Environment, from B. Gold, Huneault Waste Management Ltd., re: Revised compost management plan.
21. Water Management System Report (1998 Revisions - Leachate Management) Huneault Landfill prepared by Castonguay Technologies Inc. and dated December, 1998).
22. Huneault Landfill Leachate/Effluent Pumping Station prepared by Totten Sims Hubicki Associates Ltd. and dated December 1998.
23. A letter dated March 23, 1999, with Table 10.1 and 10.2 attached, from B. Gold of Huneault Waste Management Ltd. To J. Donnan of the Ministry of Energy, Science and Technology, re: Financial Assurance, Huneault Landfill Site, Gloucester, Ontario.
24. Design & Operations Report, Huneault Landfill prepared by Castonguay Technologies Inc. and dated March 1994.
25. Application for a Provisional Certificate of Approval for a Waste Disposal Site dated September 18, 2001 and signed by Robert Ross (with attached report prepared by Waste Services Inc., September 2001).
26. Letter dated September 28, 2001 from Ih Chu, neighbour, to Normand G. Castonguay, Waste Services Inc., re: Changes to Certificate of approval # A460702.
27. Letter dated October 22, 2001 from Robert Dick, Waste Services Inc., to Ih Chu, neighbour, re: Changes to Certificate of Approval # A460702.
28. Letter dated October 24, 2001 from Andrew Neill, MOE, to Normand G. Castonguay, Waste Services Inc., re: Application for approval of Waste Disposal Sites, Amendment to A460702: Alternative Daily

Cover, New Road Base Material, Increase Service Area, Ottawa City, MOE Reference Number 4020-536P2U.

29. Letter dated November 6, 2001 from Normand G. Castonguay, Waste Services Inc., to Andrew Neill, MOE, re: Application for Approval of Waste Disposal Site Amendment to A460702, MOE Reference No. 4020-536P2U.
30. Design & Operations Report, Navan Road Landfill prepared by Gartner Lee Limited and dated June 2004.
31. Letter dated April 26, 2004 to Ian Parrott, Section 39 Director, EPA, Ontario Ministry of Environment from Brian Forrestal, Vice President, Environmental Management, Capital Environmental Resource Inc. including all attached plans and documents. Re: Capital Environmental Resource Inc. land exchange with National Capital Commission - Mer Bleue Lands, Gloucester, ON.
32. Letter dated May 13, 2004 to Ian Parrott, Section 39 Director, EPA, Ontario Ministry of Environment from J. Steven Follett of Feltmate Delibato Heagle LLP.
33. Letter dated June 22, 2004 to Ian Parrott, Section 39 Director, EPA, Ontario Ministry of Environment from J. Steven Follett of Feltmate Delibato Heagle LLP including all attached documents.
34. Letter dated July 23, 2004 to Ian Parrott, Section 39 Director, EPA, Ontario Ministry of Environment from J. Steven Follett of Feltmate Delibato Heagle LLP including all attached documents.
35. Letter dated September 21, 2004 from Amanda Burt, MOE, to Brian Forrestal, Waste Services (CA) Inc., re: Notification of Change of Name, MOE Reference Number 4885-64ZKVQ.
36. Design and Operations Report for the Navan Road Landfill prepared by Gartner Lee Limited and dated March 2005.
37. Letter dated April 26, 2006 from Normand G. Castonguay, Waste Services Inc., addressed to Ranjani Munasinghe, Ministry of the Environment, regarding the permanent forcemain connection to the City of Ottawa sanitary sewer system.
38. Letter dated April 26, 2006 from Normand G. Castonguay, Waste Services Inc., to Ranjani Munasinghe, Ministry of the Environment, re: HHW Depot.
39. Order in Council dated August 2, 2007 and Notice of Approval to Proceed with the Undertaking for an Environmental Assessment for the Navan Landfill Expansion by Waste Services (CA) Inc.
40. Application for a Provisional Certificate of Approval for the Navan Landfill Site, dated January 29, 2008.
41. Report entitled "Design and Operations Report Navan Landfill Site Expansion Approvals", dated January 2008 prepared by Golder Associates Limited.

42. Report entitled "Hydrogeology, Hydrology and Geotechnical Study Report Navan Landfill Site Expansion Approvals" dated January 2008, prepared by Golder Associates Limited.
43. Report entitled "Report On Financial Assurance Requirements Navan Landfill Site Expansion Approvals" dated January 2008, prepared by Golder Associates Limited.
44. Letter dated July 31, 2008 from Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, MOE to Brian Forrestal, Vice President, Waste Services (CA) Inc.
45. Letter and attachments dated September 12, 2008 from Brian Forrestal, Vice President, Waste Services (CA) Inc to Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, MOE.
46. Letter dated October 21, 2008 from Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, MOE to Brian Forrestal, Vice President, Waste Services (CA) Inc.
47. Letter dated December 16, 2008 from Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, MOE to Brian Forrestal, Vice President, Waste Services (CA) Inc.
48. Letter report and attachments A to C inclusive from Andrew Benson and Paul Smolkin, Golder Associates Limited to Director, EAAB, Ministry of the Environment, dated June 8, 2009.
49. Document entitled "WSI Navan Landfill Leachate Collection and Management System Lateral Expansion Area Quality Assurance/Quality Control Plan and Specifications" prepared by Golder Associates Limited, dated June 2009.
50. Letter dated August 12, 2009 from Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, Ministry of the Environment to Brian Forerstal, Waste Services (CA) Inc..
51. Letter dated September 10, 2009 from Andrew Benson and Paul Smolkin, Golder Associates Limited to Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, Ministry of the Environment.
52. Drawing Number SP1 Revision 2 entitled "Site Plan" prepared by Golder Associates Limited, dated August 28, 2009.
53. Drawing Number CS1 Revision 2 entitled "Cross Sections" prepared by Golder Associates Limited, dated August 28, 2009.
54. Drawing Number DS1 Revision 2 entitled "Detail Sheet 1" prepared by Golder Associates Limited, dated August 28, 2009.
55. Drawing Number DS2 Revision 2 entitled "Detail Sheet 2" prepared by Golder Associates Limited, dated August 28, 2009.
56. Letter dated September 14, 2009 from Brian Forerstal, Waste Services (CA) Inc. to Greg Washuta, Senior Waste Engineer, Waste Unit, EAAB, Ministry of the Environment.

57. Plan 4R-23883, prepared by Farley, Smith & Denis Surveying Ltd., dated August 18, 2009.
58. Letter report entitled "Design Summary for Interim Landfill Gas Odour Control System WSI Navan Landfill Site, City of Ottawa, Ontario" dated July 9, 2010 prepared by Golder Associates, and the enclosed drawing set that includes the following:
  - (1) Drawing No. 1 Title Sheet dated July 9, 2010;
  - (2) Drawing No. 2 "Landfill Gas Odour Control System Layout" dated September 2, 2010;
  - (3) Drawing No. 3A "Landfill Gas Header Pipe Plan and Profile" dated July 9, 2010;
  - (4) Drawing No. 3B "Landfill Gas Header Pipe Plan and Profile" dated July 9, 2010;
  - (5) Drawing No. 4A "Landfill Gas Odour Control System Details" dated September 2, 2010;
  - (6) Drawing No. 4B "Landfill Gas Odour Control System Details" dated July 9, 2010;
  - (7) Drawing No. 4C "Landfill Gas Odour Control System Details" dated July 9, 2010;
  - (8) Drawing No. 5 "Landfill Gas Abstraction Plant Process and Instrumentation Diagram" dated July 9, 2010;
  - (9) Drawing No. 6 "Landfill Gas Abstraction Plant Layout" dated July 9, 2010;
59. Letter dated September 10, 2010 addressed to Rick Li, Ministry of the Environment from A.M. Harwood of Golder Associates Ltd providing response to MOE review comments on the landfill gas odour control system.
60. Environmental Compliance Approval dated February 3, 2015 including all supporting documentation.
61. Email dated April 16, 2015 from Ravi Mahabir, P.Eng., Dillon Consulting Limited, with additional information on soil receipt and processing.

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

**GENERAL**

1. *Conditions 1, 2, 4, 5, 6, 7, 8, 9, 10, 13 and 14 are included to clarify the legal rights and responsibilities of the Owner under this Environmental Compliance Approval.*
2. *Condition 3 is included to ensure that the Site is 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.*

**CHANGE OF OWNERSHIP**

3. *Condition 11 is included to ensure that the Site is operated under the corporate name which appears on the application form submitted for this approval and to ensure that the Director is informed of any changes.*
4. *Condition 12 is included to restrict potential transfer or encumbrance of the Site without the approval of the Director and to ensure that any transfer of encumbrance can be made only on the basis that it will not endanger compliance with this Approval.*

**FURNISH INFORMATION:**

5. *Conditions 13 and 14 are included to ensure that the appropriate Ministry staff have ready access to information and the operations of the Site, which are approved under this Approval.*

**CERTIFICATE OF REQUIREMENT/REGISTRATION ON TITLE**

6. *Condition 15 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.*

**INVOLVEMENT OF THE CITY OF OTTAWA**

7. *The reason for condition 16 is to provide the City of Ottawa the opportunity to fulfill its role and exercise its rights of waste management within its jurisdictional boundaries.*

**INSPECTIONS**

8. *Condition 17 is included to ensure that appropriate Ministry staff have ready access to the Site for inspection of facilities, equipment, practices and operations required by the conditions in this Approval. This condition is supplementary to the powers of entry afforded a Provincial Officer pursuant to the EPA and OWRA.*

**FREEDOM OF INFORMATION ACT**

9. *Condition 18 is necessary in order to clarify the Owner's responsibilities under the Freedom of Information Act.*

### **FINANCIAL ASSURANCE**

10. *The reasons for Conditions 19 to 22 are to ensure that sufficient funds are available to the Ministry to close the landfill /processing site, 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.*

### **PUBLIC ADVISORY COMMITTEE**

11. *Conditions 23 to 26 inclusive are necessary in order to establish a forum for the exchange of information and public dialogue on activities to be 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.*

### **MAJOR WORKS/SUBSEQUENT STAGES**

12. *The reason for Conditions 27 to 29 inclusive 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. Condition 29 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.*

### **BUFFER**

13. *The reasons for Conditions 30 and 31 are to require the Owner to maintain the minimum Buffer to provide access to the landfill foot print for the operation, maintenance and monitoring, remedial and mitigative measures and to ensure that the buffer is not used for waste disposal.*

### **SERVICE AREA**

14. *Conditions 32 and 33 are included to specify the approved areas from which waste may be accepted at the Site, based on the application and supporting documentation listed in Schedule "A".*

### **APPROVED WASTE TYPES**

15. *Conditions 34 and 35 are included to specify the types of waste that may be accepted for disposal/recycling at the Site or transfer off the Site for further processing, based on the application and supporting documentation listed in Schedule "A".*
16. *Condition 36 is necessary in order to be clear that composting is not permitted at the Site as per discussions during the EA process.*

17. *The reason for Condition 37 is to specify that HHW shall not be accepted at the site, unless it is received and removed from the site by a third party receiver who has the appropriate Approvals to conduct such a business.*

### **PROCESSING/RECYCLING**

18. *Conditions 38 and 39 are included to ensure that the wastes destined for off-site removal are stored in their temporary storage location in a manner as to minimize a likelihood of an adverse effect or a hazard to the natural environment or any person.*
19. *Condition 40, 42 and 43 are included to ensure that the wastes destined for off-site removal are transferred from their temporary storage location in a timely manner to minimize a likelihood of an adverse effect or a hazard to the natural environment or any person.*

### **CAPACITY**

20. *Condition 47 is included to specify the total approved capacity of the landfill at the Site, based on the EA approval, the application for a Certificate of Approvals dated December 30, 1981 and January 30, 2008 and the approved final contours.*
21. *The reason for conditions 44, 45, 46, 48 to 53 inclusive is to ensure that quantities of waste received, processed, landfilled and transferred from these sites are in accordance with that approved under this Approval.*

### **BURNING PROHIBITIONS**

22. *Condition 54 is included to prohibit open burning of municipal waste, including brush and woodwaste, because of concerns with air emissions, smoke and other adverse affects, and the potential fire hazard.*

### **COVERS**

23. *Condition 55 is included to ensure that the size of the landfill working face is minimized so that the waste compaction and daily cover application can be facilitated to maximize the capacity of the Site and to provide environmental benefits associated with greater compaction of waste.*
24. *Conditions 56 and 57 are included to ensure that daily and intermediate cover is used to control potential adverse 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.*
25. *Conditions 58 and 60 are included to ensure that the open face of the landfill is adequately covered during the winter season to minimize a likelihood of an adverse effect or a hazard to the natural environment or any person.*

26. *Condition 59 is included to allow the use of foundry sand, wood chips, and contaminated soil as an alternative daily cover.*

### **SITE ACCESS**

27. *Condition 61 is included to specify the hours of operation for the Site and a mechanism for amendment of the hours of operation.*
28. *Conditions 62 to 64 are included to insure that vehicular traffic related to the operation of the Site does not cause adverse effect or a hazard to the natural environment or any person.*

### **SITE SECURITY**

29. *Conditions 65 and 66 are included to ensure that the Site access and integrity are controlled by preventing unauthorized access when the Site is closed and no Site attendant is on duty.*

### **SIGNS**

30. *Conditions 67 to 69 inclusive are included to ensure that users of the Site are fully aware of important information and restrictions related to Site operations and access under this Approval.*

### **ADVERSE EFFECT**

31. *Conditions 41 and 70 to 75 inclusive are included to ensure that the Site is designed and operated in a way that does not result in an adverse effect or hazard to the natural environment or any persons.*

### **HANDLING OF ASBESTOS WASTE**

32. *Conditions 76 to 83 inclusive have been added in order to ensure that asbestos waste is handled in accordance with the Design and Operations Plan and Ontario Regulation 347.*

### **LANDFILL GAS**

33. *Condition 84 is included to ensure that all buildings at the Site are free of any landfill gas accumulation, which due to a methane gas component may be explosive and thus create a danger to any persons at the Site.*

### **SURFACE WATER MANAGEMENT AND LEACHATE MANAGEMENT**

34. *Condition 85 and 86 are included to ensure that drainage onto or leaving the Site does not adversely affect Site operations or create an adverse effect or hazard to the natural environment or any persons.*

### **SCAVENGING**

35. *Condition 87 is included to ensure protection of public health and safety, and minimization of potential damage to environmental controls, monitoring and other works at the Site due to*

*uncontrolled/unsupervised removal of materials from waste at the Site.*

### **EMPLOYEES AND TRAINING**

36. *Condition 88 is included 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.*

### **INSPECTIONS OF THE OPERATIONS**

37. *Conditions 89 to 92 inclusive are included to ensure that the Site is inspected on each week or month of operation to verify that the Site is operated and maintained in an environmentally acceptable manner and does not result in an adverse effect or a hazard to the natural environment or any person.*

### **CLEANING OF LEACHATE COLLECTION SYSTEM PIPES**

38. *The reasons for Condition 93 are 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. Failure to clean out 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.*

### **LEACHATE COLLECTION SYSTEM**

39. *Conditions 94 to 97 inclusive have been added in order to be certain that the leachate collection system is designed in accordance with O. Reg. 232/98 and Ministry standards and protocols.*

### **STORMWATER MANAGEMENT PONDS**

40. *Conditions 98 to 101 are needed in order to ensure that the stormwater management ponds are inspected, maintained and cleaned so as not to cause an adverse impact on the environment.*

### **DITCH SYSTEM**

41. *Conditions 102 to 104 inclusive are needed in order to ensure that the ditch system are inspected, maintained and cleaned so as not to cause an adverse impact on the environment.*

### **PRESERVATION OF TREES**

42. *The reason for Condition 105 is to ensure that trees are preserved at the site as per Condition 6.3 of the EA approval.*

### **LANDFILL GAS CONTROL SYSTEM**

43. *Conditions 106 and 107 are fundamental to this Approval in order to ensure that the landfill gas control system operates for a sufficient time so as not to cause an adverse impact on the environment.*

#### ***FINAL SLOPES OF DITCHES, PONDS AND BERMS***

44. *Condition 108 is needed in order to ensure that ditches, ponds and berms are constructed so as not to pose a safety hazard and an adverse impact on the environment.*

#### **ENVIRONMENTAL MONITORING**

45. *Conditions 109 to 112 inclusive are included to require the Owner to demonstrate that the 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.*

#### ***INSTALLATION OF MONITORING WELL WITHIN THE MER BLEUE BOG***

46. *Condition 113 is included in order to fulfill Condition 10.3 of the EA approval.*

#### **GROUNDWATER WELLS/MONITORS**

47. *Conditions 114 to 118 inclusive are included to ensure the integrity of the groundwater monitoring network so that accurate monitoring results are achieved and the natural environment is protected.*

#### **TRIGGER MECHANISM AND CONTINGENCY PLANS**

48. *Conditions 119 to 122 inclusive are included to ensure that the Owner follows an approved plan with an organized set of procedures for identifying and responding to, in advance to creating a non-compliance situation, unexpected but possible problems at the Site. A remedial action/contingency plan is necessary to ensure protection of the natural environment.*

#### **COMPLAINTS PROCEDURE**

49. *Condition 123 is to ensure that any complaints regarding landfill operations at this Site are responded to in a timely and efficient manner.*

#### **EMERGENCY SITUATIONS**

50. *Condition 124 is included to ensure that emergency situations are reported to the Ministry to ensure public health and safety and environmental protection.*
51. *Conditions 125 to 128 inclusive are included to ensure that emergency situations are handled in a manner to minimize the likelihood of an adverse effect and to ensure public health and safety and environmental protection.*

## **RECORDS KEEPING**

52. *Conditions 129 to 132 inclusive are included to ensure that accurate records are maintained to ensure compliance with the conditions in this Approval, the EPA and its regulations.*

## **ANNUAL REPORT**

53. *The reasons for Conditions 133 and 134 are 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.*

## **CLOSURE PLAN**

54. *Conditions 135 and 136 are included to ensure that final closure of the Site is completed in an aesthetically pleasing manner, in accordance with Ministry standards, and to ensure the long-term protection of the health and safety of the public and the environment.*

## **SOIL PROCESSING PAD**

55. *The reason for Conditions 137 to 142 is to approve the Owner's request to add a soil processing operation at the facility.*

**Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). A460702 issued on March 11, 2022**

In accordance with Section 139 of the *Environmental Protection Act*, you may by written notice served upon me and the Ontario Land Tribunal within 15 days after receipt of this notice, require a hearing by the Tribunal. 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 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.oltt.gov.on.ca](http://www.oltt.gov.on.ca)**

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

DATED AT TORONTO this 26th day of February, 2026



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

RL/

c: District Manager, MECP Ottawa  
Yannick Marcerou, WSP