AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL
NUMBER A410401
Issue Date: April 17, 2026

The Corporation of the Town of Renfrew
127 Raglan St S
Renfrew, Ontario
K7V 1P8

Site Location: Renfrew Landfill Site
376 Bruce St
Renfrew Town, County of Renfrew
K7V 3Z8

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 10.6 hectare waste disposal/transfer site within a total site area of 40.73 hectares.

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

1. "Approval" means this Environmental Compliance Approval and any Schedules to it;

2. "Batteries" within the context of this Approval, mean discarded devices in which energy was stored as electricity or converted into electricity and was used as a source of power and include Batteries as defined in O. Regulation 30/20;

3. "Blue Box Waste" within the context of this Approval, means:

   a. each of the categories set out in Schedule 1 of O. Regulation 101/94 (entitled "Blue Box Waste"), including Part I ("Basic Blue Box Waste") and Part II ("Supplementary Blue Box Waste") of O. Regulation 101/94; and

   b. discarded Blue Box Materials, as defined in O. Regulation 391/21;

4. "Contaminating Life Span" means contaminating life span as defined in Ontario Regulation 232/98;

5. "DGMS" means Durable Goods Materials Stream waste consisting of, but is not limited to, waste with the potential for reuse, recycle or resale such as furniture, woody items and materials, waste electrical and electronic equipment, textiles, carpets, scrap metal, mattresses, box springs, consumer goods, sports equipment and ceramic waste generated within the service area;

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

7. “District Manager” means the District Manager of the local district office of the Ministry in which the Site is geographically located;

8. "EEE" within the context of this Approval, means electrical and electronic equipment as defined in O. Regulation 522/20, the equipment subject to requirements of O. Regulation 522/20 and the equipment listed in O. Regulation 522/20 but exempted from the requirements of O. Regulation 522/20;

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

10. “Generator” means the operator of a waste generation facility;

11. "Guideline C-4" means the Ministry's Guideline C-4 entitled "The Management of Biomedical Waste in Ontario", dated March 31, 2016 and updated July 16, 2021 and as amended;

12. "Guideline" means the Ministry publication "Guidelines for environmental protection measures at chemical and waste storage facilities, May 2007" as amended.

13. "HHW Depot" means that part of the Site where waste management activities pertaining to the bulking and temporary storage pending transfer of MHSW takes place;

14. "MHSW" within the context of this Approval, means waste that is limited to the following materials:

    a. Municipal Hazardous Waste and Municipal Special Waste as defined in O. Regulation 387/16; and

    b. discarded materials derived/originating from Hazardous and Special Products as defined in O. Regulation 449/21;

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

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

17. “O. Reg. 101/94” means Ontario Regulation 101: (Recycling and Composting of Municipal Waste), made under the EPA, as amended;

18. “O. Reg. 232/98” means Ontario Regulation 232/98: (Landfilling Sites), made under the EPA, as amended;

19. "O. Regulation 30/20" means Ontario Regulation 30/20: Batteries, made under the Resource Recovery and Circular Economy Act, as amended;

20. "O. Regulation 387/16" means Ontario Regulation 387/16: Municipal Hazardous or Special Waste, made under the Waste Diversion Transition Act, as amended;

21. "O. Regulation 389/16" means Ontario Regulation 389/16: Waste Electrical and Electronic Equipment, made under the Waste Diversion Transition Act, as amended;

22. "O. Regulation 391/21" means O. Reg. 391/21: Blue Box, made under the Resource Recovery and Circular Economy Act, as amended;

23. "O. Regulation 449/21" means Ontario Regulation 449/21: Hazardous and Special Products, made under the Resource Recovery and Circular Economy Act, as amended;

24. "O. Reg. 463/10" means Ontario Regulation 463/10 (Ozone Depleting Substances and Other Halocarbons), made under the EPA, as amended;

25. "O. Regulation 522/20" means Ontario Regulation 522/20: Electrical and Electronic Equipment, made under the Resource Recovery and Circular Economy Act, as amended;

26. “Ontario Drinking Water Quality Standards” means Ontario Regulation 169/03 (Ontario Drinking Water Quality Standards), made under the SDWA, as amended;

27. “Operator” means any person, other than the Owner's employees, authorized by the Owner as having the charge, management or control of any aspect of the Site and includes its successors or assigns;

28. “Owner” means any person that is responsible for the establishment or operation of the Site being approved by this Approval, and includes the Corporation of the Town of Renfrew and its successors and assigns;

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

30. “PA” means the *Pesticides Act,* R.S.O. (1990), c. P.11, as amended;

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

32. “Regional Director” means the Regional Director of the local Regional Office of the Ministry in which the Site is located;

33. “Reg. 347” means R.R.O. 1990, Reg. 347: (General - Waste Management), made under the EPA, as amended;

34. “Reg. 903” means R.R.O. 1990, Reg. 903: (Wells), made under the OWRA, as amended;

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

36. "Re-Use Centre" means the public drop-off platform/building protected from atmospheric precipitation and other elements, where public can drop off or pick up DGMS;

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

38. "Schedules" means the following schedules attached to this Approval and forming part of this Approval namely:

    a. Schedule 1 - Supporting Documentation;

    b. Schedule 2 - Surface Water Monitoring Program; and

    c. Schedule 3 - Groundwater Monitoring Program;

39. “Site” means the entire waste disposal site, including the buffer lands, and contaminant attenuation zone at Renfrew Landfill Site, 376 Bruce St
Renfrew Town, County of Renfrew;

40. “Trained Personnel” means personnel knowledgeable in the following through instruction and/or practice:

    a. relevant waste management legislation, regulations and guidelines;

    b. major environmental concerns pertaining to the waste to be handled;

    c. occupational health and safety concerns pertaining to the processes and wastes to be handled;

    d. management procedures including the use and operation of equipment for the processes and wastes to be handled;

    e. emergency response procedures;

    f. specific written procedures for the control of nuisance conditions;

    g. specific written procedures for refusal of unacceptable waste loads; and

h. the requirements of this Approval;

41. "Waste Diversion Transition Act" means the *Waste Diversion Transition Act,* 2016, S.O. 2016, c. 12, Sched. 2, as amended;

42. "WEEE" within the context of this Approval, means waste electrical and electronic equipment consisting of devices that required an electric current to operate. WEEE is limited to the following:

    a. the devices listed in O. Regulation 389/16; and

    b. discarded devices originating/derived from the EEE;

43. "White Goods Containing Refrigerants" means the White Goods which contain, or may contain refrigerants; and

44. "White Goods" means the white goods (appliances) with or without the refrigerants.

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

TERMS AND CONDITIONS

1. Compliance

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

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

2. In Accordance

1. Except as otherwise provided by this Approval, the Site shall be designed, developed, built, operated and maintained in accordance with the documentation listed in the attached Schedule 1.

2. Construction and installation of the aspects of the Re-use Centre defined and approved in this Approval must be completed within four (4) years of the later of:

    a. the date this Approval; or

b. if there is a hearing or other litigation in respect of the issuance of this Approval, the date that this hearing or litigation is disposed of, including all appeals.

3. This Approval ceases to apply in respect of the aspects of the and Re-use Centre defined and approved in this Approval that have not been constructed or installed before the later of the dates identified in condition 2.2 above.

3. Interpretation

1. Where there is a conflict between a provision of any document listed in Schedule 1 in this Approval, and the conditions of this Approval, the conditions in this Approval shall take precedence.

2. Where there is a conflict between the application and a provision in any document listed in Schedule 1, the application shall take precedence, unless it is clear that the purpose of the document was to amend the application and that the Ministry approved the amendment.

3. Where there is a conflict between any two documents listed in Schedule 1, the document bearing the most recent date shall take precedence.

4. 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.

4. Other Legal Obligations

1. The issuance of, and compliance with, this Approval does not:

   a. relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement; or

   b. limit in any way the authority of the Ministry to require certain steps be taken or to require the Owner and Operator to furnish any further information related to compliance with this Approval.

5. Adverse Effect

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

the effect or impairment.

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

6. Change of Ownership

1. The Owner shall notify the Director, in writing, and forward a copy of the notification to the District Manager, within 30 days of the occurrence of any changes in the following information:

   a. the ownership of the Site;

   b. the Operator of the Site;

   c. the address of the Owner or Operator; and

   d. the partners, where the Owner or Operator is or at any time becomes a partnership and a copy of the most recent declaration filed under the Business Names Act, R. S. O. 1990, c. B.17, shall be included in the notification.

2. No portion of this Site shall be transferred or encumbered prior to or after closing of the Site unless the Director is notified in advance and sufficient financial assurance is deposited with the Ministry to ensure that these conditions will be carried out.

3. In the event of any change in ownership of the Site, other than change to a successor municipality, the Owner shall notify the successor of and provide the successor with a copy of this Approval, and the Owner shall provide a copy of the notification to the District Manager and the Director.

7. Registration on Title Requirement

1. Prior to dealing with the property in any way, the Owner shall provide a copy of this Approval and any amendments, to any person who will acquire an interest in the property as a result of the dealing.

2. Within ninety (90) calendar days from the date of issuance of this Approval, the Owner shall submit to the Director a completed Certificate of Requirement which shall include:

   a. a plan of survey prepared, signed and sealed by an Ontario Land Surveyor, which shows the

area of the Site where waste has been or is to be deposited at the Site;

b. proof of ownership of the Site;

c. a letter signed by a member of the Law Society of Upper Canada or other qualified legal practitioner acceptable to the Director, verifying the legal description provided in the Certificate of Requirement;

d. the legal abstract of the property; and

e. any supporting documents including a registerable description of the Site.

3. Within fifteen (15) calendar days of receiving a Certificate of Requirement authorized by the Director, the Owner shall:

a. register the Certificate of Requirement in the appropriate Land Registry Office on the title to the property; and

b. submit to the Director and the District Manager, written verification that the Certificate of Requirement has been registered on title.

8. Registration on Title Requirement - Contaminant Attenuation Zone (CAZ)

1. Within ninety (90) calendar days from the date of establishing a Contaminant Attenuation Zone (CAZ) (overburden and/or bedrock aquifers) in either fee simple or by way of a groundwater easement, the Owner shall submit to the Director a completed Certificate of Requirement which shall include:

a. If rights are obtained in fee simple, the Owner shall provide:

i. documentation evidencing ownership of the CAZ obtained in compliance with O.Reg. 232/98, as amended;

ii. a completed Certificate of Requirement and supporting documents containing a registerable description of the CAZ; and

iii. a letter signed by a member of the Law Society of Upper Canada or other qualified legal practitioner acceptable to the Director, verifying the legal description of the CAZ.

b. Within fifteen (15) calendar days of receiving a Certificate of Requirement signed or authorized by the Director, the Owner shall:

i. register the Certificate of Requirement in the appropriate Land Registry Office on the title

to the property; and

ii. submit to the Director and the District Manager, written verification that the Certificate of Requirement has been registered on title.

c. If rights are obtained by way of a groundwater easement, the Applicant shall:

i. provide a copy of the easement;

ii. provide a plan of survey signed and sealed by an Ontario Land Surveyor for the CAZ; and

iii. submit proof of registration on title of the groundwater easement to the Director;

d. The Owner shall not amend or remove or consent to the removal of the easement or CAZ from title without the prior written consent of the Director.

9. Inspections by the Ministry

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

a. to enter upon the premises where the approved 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, the PA, the SDWA or the NMA.

10. Information and Record Retention

1. Except as authorized in writing by the Director, all records required by this Approval shall be retained at the Site for a minimum of two (2) years from their date of creation.

2. The Owner shall retain all documentation listed in Schedule 1 for as long as this Approval is valid.

3. All monthly summary reports of waste records collected are to be kept at the Site until they are included in the Annual Report.

4. The Owner shall retain employee training records as long as the employee is working at the Site.

5. The Owner shall make all of the above documents available for inspection upon request of Ministry staff.

6. The receipt of any information by the Ministry or the failure of the Ministry to prosecute any person or to require any person to take any action under this Approval or under any statute, regulation or other legal requirement, in relation to the information, shall not be construed as:

    a. an approval, waiver, or justification by the Ministry of any act or omission of any person that contravenes any term or condition of this Approval or any statute, regulation or other legal requirement; or

    b. acceptance by the Ministry of the information's completeness or accuracy.

7. The Owner shall ensure that a copy of this Approval, in its entirety and including all its Notices of Amendment, and documentation listed in Schedule 1, are retained at the Site at all times.

8. 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.

11. Operation

1. The Site shall be operated and maintained at all times including management and disposal of all waste, in accordance with the EPA, Reg. 347, and the conditions of this Approval. At no time shall the discharge of a contaminant that causes or is likely to cause an adverse effect be permitted.

12. Signs

1. The Owner shall install and maintain a sign at the entrance to the Site. The sign shall be visible and readable from the main road leading to the Site. The following information shall be included on the sign:

    a. the name of the Site and Owner;

    b. the number of the Approval;

    c. the name of the Operator;

    d. the normal hours of operation;

    e. the allowable and prohibited waste types;

    f. the telephone number to which complaints may be directed;

    g. a warning against unauthorized access;

    h. a twenty-four (24) hour emergency telephone number (if different from above); and

    i. a warning against dumping outside the Site.

2. The Owner shall install and maintain signs to direct vehicles to drop off areas for waste, recyclable and HHW Depot.

3. The Owner shall provide signs at recycling depot and HHW Depot informing users what materials are acceptable and directing users to appropriate storage areas.

13. Vermin, Vectors, Dust, Litter, Odour, Noise and Traffic

1. The Site shall be operated `and maintained such that the vermin, vectors, dust, litter, odour, noise and traffic do not create a nuisance.

14. Burning Waste Prohibited

1. Burning of waste at the Site is prohibited.

15. Site Access

1. Waste shall only be accepted for disposal, HHW Depot, small loads drop off and Re-use Centre at the Site Monday to Saturday : 8:00 am to 6:00 pm

2. On-site equipment may be operated seven (7) days a week from 7 am to 7 pm.

3. With the prior written approval from the District Manager, the time periods may be extended to accommodate seasonal or unusual quantities of waste.

16. Site Security

1. No waste shall be received, landfilled or removed from the Site unless a site supervisor or an attendant is present and supervises the operations during operating hours. The Site shall be closed when a site attendant is not present to supervise landfilling operations.

2. The Site shall be operated and maintained in a safe and secure manner. During non-operating hours, the Site entrance and exit gates shall be locked and the Site shall be secured against access by unauthorized persons.

17. Employee Training

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

18. Complaints Response Procedure

1. 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 possible causes of the complaint, proceed to take the necessary actions to eliminate the cause of the complaint and forward a formal reply to the complainant; 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.

19. Emergency Response

1. All Spills as defined in the EPA shall be immediately reported to the **Ministry's Spills Action Centre at 1-800-268-6060** and shall be recorded in the log book as to the nature of the emergency situation, and the action taken for clean-up, correction and prevention of future occurrences.

2. 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.

3. All wastes resulting from an emergency situation shall be managed and disposed of in accordance with Reg. 347.

4. All equipment and materials required to handle the emergency situations shall be:

    a. kept on hand at all times that waste landfilling and/or handling is undertaken at the Site; and

    b. adequately maintained and kept in good repair.

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

20. Daily Log Book

1. A daily log shall be maintained in written or electronic format and shall include the following information:

    a. the type, date and time of arrival, hauler, and quantity (tonnes) of all waste and cover material received at the Site;

    b. the area of the Site in which waste disposal operations are taking place;

    c. a record of litter collection activities and the application of any dust suppressants;

    d. a record of the daily inspections; and

    e. a description of any out-of-service period of any control, treatment, disposal or monitoring facilities, the reasons for the loss of service, and action taken to restore and maintain service.

2. 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 to the Ministry, upon request.

21. Daily Inspections and Log Book

1. An inspection of the entire Site and all equipment on the Site shall be conducted each day the Site is in operation to ensure that: the Site is secure; that the operation of the Site is not causing any nuisances; 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**.**

2. A record of the inspections shall be kept in a daily log book that includes:

    a. the name and signature of person that conducted the inspection;

    b. the date and time of the inspection;

    c. the list of any deficiencies discovered;

    d. the recommendations for remedial action; and

    e. the date, time and description of actions taken.

3. A record shall be kept in the daily log book of all refusals of waste shipments, the reason(s) for refusal, and the origin of the waste, if known.

22. Annual Report

1. A written report on the development, operation and monitoring of the Site, shall be completed annually (Annual Report). The Annual Report shall be submitted to the District Manager, by March 31st of the year following the period being reported upon.

2. The Annual Report shall include but not be limited to the following information:

    a. the results and an interpretive analysis of the results of all leachate, groundwater, surface water and landfill gas monitoring, including an assessment of the need to amend the monitoring programs;

    b. an assessment of the operation and performance of all engineered facilities, the need to amend the design or operation of the Site, and the adequacy of and need to implement the

contingency plans;

c. site plans showing the existing contours of the Site; areas of landfilling operation during the reporting period; areas of intended operation during the next reporting period; areas of excavation during the reporting period; the progress of final cover, vegetative cover, and any intermediate cover application; facilities existing, added or removed during the reporting period; and site preparations and facilities planned for installation during the next reporting period;

d. an estimate 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;

e. a calculation of the remaining capacity of the Site and an estimate of the remaining Site life;

f. a summary of the monthly and total annual quantity (tonnes) of waste received at the Site and recyclables transferred from the Site;

g. a summary of any complaints received and the responses made;

h. a discussion of any operational problems encountered at the Site and corrective action taken;

i. any changes to the Design and Operations Report and the Closure Plan that have been approved by the Director since the last Annual Report;

j. a report on the status of all monitoring wells and a statement as to compliance with Reg. 903; and

k. any other information with respect to the Site which the District Manager may require from time to time.

23. Approved Waste Types

1. Only municipal waste as defined under Reg. 347 being solid non-hazardous shall be accepted at the Site for landfilling.

2. The Owner shall develop and implement a program to inspect waste to ensure that the waste received at the Site is of a type approved for acceptance under this Approval.

3. The Owner shall ensure that all loads of waste are properly inspected by Trained personnel prior to acceptance at the Site and that the waste vehicles are directed to the appropriate areas for disposal or transfer of the waste. The Owner shall record all load rejections in the daily log book.

4. Sludge disposal shall be in accordance with the Item 30 of Schedule 1.

24. Capacity

1. The maximum volumetric capacity of the Site, consisting of the waste, daily cover and intermediate cover, but excluding the final cover is 1,069,849 cubic metres.

2. Updated Design and Operations Report dated July 2025 (Item 32 of Schedule 1) for the use of 547,963 cubic meters of the above capacity is hereby approved.

3. At least two (2) years prior to utilizing capacity in Stage 5 the Owner shall submit to the Director for approval, a design and operation plan with up to date engineering and environmental standards and a detailed hydrogeological assessment for proper and safe development of the remainder of the Site. If the Owner does not intend to use the remaining capacity the Owner shall submit a Closure Plan as per condition 36 of this Approval.

25. Service Area

1. Only waste that is generated within the boundaries of the Town of Renfrew may be accepted at the Site for landfilling.

2. Notwithstanding condition 25.1, MHSW that is generated within the boundaries of the Town of Renfrew, Addington Highlands Township, Town of Arnprior, Admaston Bromley Township, Horton Township, Greater Madawaska Township, McNab Braeside Township and Township of Whitewater Region may be accepted at the HHW Depot for transfer.

26. Landfill Cover

1. Notwithstanding the alternative materials approved subject to condition 26.3, alternative materials to soil may be used as weekly and interim cover material, based on an application with supporting information and applicable fee for a trial use or permanent use, submitted by the Owner to the Director, copied to the District Manager and as approved by the Director via an amendment to this Approval. The alternative material shall be non-hazardous according to Reg. 347 and will be expected to perform at least as well as soil in relation to the following functions:

    a. Control of blowing litter, odours, dust, landfill gas, gulls, vectors, vermin and fires;

    b. Provision for an aesthetic condition of the landfill during the active life of the Site;

    c. Provision for vehicle access to the active tipping face; and

    d. Compatibility with the design of the Site for groundwater protection, leachate management

and landfill gas management.

2. Cover material shall be applied as follows:

   a. **Daily** Cover - Weather permitting, deposited waste shall be covered **daily** in a manner acceptable to the District Manager so that no waste is exposed to the atmosphere;

   b. Intermediate Cover - In areas where landfilling has been temporarily discontinued for six (6) months or more, a minimum thickness of 300 millimetre of soil cover or an approved thickness of alternative cover material shall be placed; and

   c. Final Cover - In areas where landfilling has been completed to final contours, a minimum 600 millimetre thick layer of soil of medium permeability and 150 millimetres of top soil (vegetative cover) shall be placed. Fill areas shall be progressively completed and rehabilitated as landfill development reaches final contours.

3. Tarpauline, ground woodwaste, ground drywall and non-hazardous contaminated soil are hereby approved to be used as alternative daily cover material subject to the operational procedures described in Items 22 (b), 23, 24 and 32 in Schedule 1. Non-hazardous contaminated soil is hereby approved to be used as alternative daily cover material and alternative intermediate cover material subject to the operational procedures described in Item 32 in Schedule 1.

27. Fill Beyond Approved Limits

1. As requested by the Owner, the area of "Fill Beyond Approved Limits" is hereby approved to be left at the location marked in Figure 2 submitted with the Item 15 of Schedule 1.

2. No waste shall be deposited in the above area in condition 27.1.

3. The area in above condition 27.1 shall be marked with stakes for identification as "Fill Beyond Approved Limits".

28. Miscellaneous Activities

1. The construction of an on-site ring road at the Renfrew Landfill Site is approved, to return the Site to the original conditions as per the original landfill design, and to provide improved access to portions of the Site, as described in Item 21 of Schedule 1.

29. Landfill Gas Monitoring

1. The Owner shall ensure that any buildings or structures at the Site contain adequate ventilation systems to relieve any possible landfill gas accumulation to prevent methane concentration reaching the levels within its explosive range. 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.

2. Outdoor landfill gas monitoring shall be conducted twice per year at GW1, GW2, GW3, GW4, GW07-5, GW09-1, GW11-01 and GW14-01.

30. Compliance (Surface Water and Groundwater)

1. The Site shall be operated in such a way as to ensure compliance with the following:

   a. Reasonable Use Guideline B-7 for the protection of the groundwater at the Site; and

   b. Provincial Water Quality Objectives included in the July 1994 publication entitled Water Management Policies, Guidelines, Provincial Water Quality Objectives, as amended from time to time or limits set by the Regional Director, for the protection of the surface water at and off the Site.

31. Surface Water and Groundwater

1. The Owner shall monitor surface water and ground water in accordance with the monitoring programs outlined in documents listed in Schedules 2 and 3.

2. A certified Professional Geoscientist or Engineer possessing appropriate hydrogeologic training and experience shall execute or directly supervise the execution of the groundwater monitoring and reporting program.

32. Groundwater Wells and Monitors

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

2. Where landfilling is to proceed around monitoring wells, suitable extensions shall be added to the wells and the wells shall be properly re-secured.

3. Any groundwater monitoring well included in the on-going monitoring program that is damaged

shall be assessed, repaired, replaced or decommissioned by the Owner, as required.

4. 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.

5. All monitoring wells which are no longer required as part of the groundwater monitoring program, and have been approved by the Director for abandonment, shall be decommissioned by the Owner, as required, in accordance with Reg. 903, to 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.

33. Trigger Mechanisms and Contingency Plans

1. Trigger mechanisms shall be in accordance with the Item 28, Schedule 1.

2. Contingency plan in the event of a confirmed exceedance of a site-specific trigger level relating to leachate mounding or groundwater or surface water impacts due to leachate shall be in accordance with the Item 29, Schedule 1.

3. In the event of a confirmed exceedance of a site-specific trigger level relating to leachate mounding or groundwater or surface water impacts due to leachate, the Owner shall immediately notify the District Manager, and an investigation into the cause and the need for implementation of remedial or contingency actions shall be carried out by the Owner in accordance with the approved trigger mechanisms and associated contingency plans.

4. If monitoring results, investigative activities and/or trigger mechanisms indicate the need to implement contingency measures, the Owner shall ensure that the following steps are taken:

    a. The Owner shall notify the District Manager, in writing of the need to implement contingency measures, no later than 30 days after confirmation of the exceedances;

    b. Detailed plans, specifications and descriptions for the design, operation and maintenance of the contingency measures shall be prepared and submitted by the Owner to the Director for approval; and

    3. The contingency measures shall be implemented by the Owner upon approval by the Director.

5. The Owner shall ensure that any proposed changes to the site-specific trigger levels for leachate impacts to the surface water or groundwater, are approved in advance by the Director via an amendment to this Approval.

34. Changes to the Monitoring Programs, Trigger Mechanisms and Contingency Plans

1. The Owner may request to make changes to the monitoring program(s), trigger mechanisms and/or contingency plan to the District Manager in accordance with the recommendations of the Annual Report. The Owner shall make clear reference to the proposed changes in a separate letter that shall accompany the Annual Report.

2. Within fourteen (14) days of receiving the written correspondence from the District Manager confirming that the District Manager is in agreement with the proposed changes to the environmental monitoring program, trigger mechanisms and/or contingency plans, the Owner shall forward a letter identifying the proposed changes and a copy of the correspondences from the District Manager and all other correspondences and responses related to the changes, to the Director requesting the Approval be amended to approve the proposed changes to the environmental monitoring plan prior to implementation.

35. Contaminant Attenuation Zone

1. Within three (3) years from the date of this Approval, the Owner shall complete acquiring the ground water easement to the Contaminant Attenuation Zone required to bring the Site into compliance with respect to groundwater. The Owner shall submit annually, with the Annual Report under a summary of progress in the reporting year on the acquisition of the groundwater easement to the Contaminant Attenuation Zone. The Owner may request to extend the deadline for acquisition of the property rights and/or groundwater easement to the District Manager.

2. Within fourteen (14) days of receiving written correspondence confirming that the District Manager is in agreement with the extension, the Owner shall forward the concurrence to the Director requesting that the Approval be amended to approve the extension.

3. Once established the Owner must continue to own the property rights or groundwater easement to the Contaminant Attenuation Zone for all of the Contaminating Life Span of the Site.

4. The ownership of the property rights must include the rights to:

    a. discharge contaminants from the operations at the Site into the Contaminant Attenuation Zone;

    b. enter into the Contaminant Attenuation Zone and onto the surface above the Contaminant Attenuation Zone for purposes of testing, monitoring, intercepting contaminants and carrying out remedial work;

    c. install, operate and maintain works, for the purposes mentioned in the condition 35.4 in the Contaminant Attenuation Zone, including on the surface above the Contaminant Attenuation Zone; and

    d. prevent the owner(s) of the land(s) in which the Contaminant Attenuation Zone is located from interfering with the functioning of the Contaminant Attenuation Zone or with the

exercise of any of the rights mentioned in this subsection.

5. The Owner shall notify the Director in writing within thirty (30) days after any change in his, her or its ownership of the property rights in the Contaminant Attenuation Zone.

6. The Owner shall ensure that the written easement agreement, specified in condition 35.1. includes an agreement of the property owner(s) of the land(s) required for the Contaminant Attenuation Zone, to register a Certificate of Requirement on title to the land(s) to be used as the Contaminant Attenuation Zone.

36. Closure Plan

1. At least two (2) years prior to closure, 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 as a minimum but are not limited to:

    a. a plan showing Site appearance after closure;

    b. a description of the proposed end use of the Site, that shall include a discussion on the Environmental Assessment commitments (if applicable) to dedicate portion of the lands within the Site that are not required for site post-closure operations and monitoring, to be used for community recreational purpose;

    c. a description of how pollinator friendly plants were considered in the final vegetative cover for the landfill and/or in the landscaping within the Site;

    d. a description of the procedures for closure of the Site:

        i. advance notification of the public of the landfill closure;

        ii. posting 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;

e. a schedule indicating the time-period for implementing sub-conditions i to vi above;

f. 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;

g. an assessment of the adequacy of and need to implement the contingency plans for leachate and methane gas; and

h. an updated estimate of the Contaminating Life Span of the Site, based on the results of the monitoring programs to date.

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

37. Waste Diversion

1. The Site is limited to receive the following waste categories for diversion from the landfill:

a. Blue Box Waste as defined in this Approval;

b. MHSW as listed in the documentation in Item 19, Schedule 1;

c. WEEE as defined in this Approval;

d. White Goods Containing Refrigerants as defined in this Approval; and

e. DGMS, as defined in this Approval.

2. The Owner shall ensure that:

a. all bins and waste storage areas are clearly labelled;

b. all lids or doors on bins shall be kept closed during non-operating hours and during high wind events; and

c. if necessary to prevent litter, waste storage areas shall be covered during high winds events.

3. The Owner/Operator shall remove the refrigerant as defined in O. Reg. 463/10 in accordance

with the following:

a. all White Goods containing refrigerants which have not been tagged by a licensed technician to verify that the equipment no longer contains refrigerants, shall be stored in a separate area in an upright position; and

b. White Goods containing refrigerants received at the Site shall be shipped off-Site in order to have the refrigerants removed by a licensed technician in accordance with O. Reg. 463/10; or

c. the refrigerant shall be removed at the Site by a licensed technician, in accordance with O. Reg. 463/10, prior to shipping White Goods off-Site; and

d. a detailed log of all White Goods containing refrigerants received shall be maintained. The log shall include the following:

i. date of the record;

ii. types, quantities and source of White Goods containing refrigerants received;

iii. details on removal of refrigerants as required by O. Reg. 463/10; and

iv. the quantities and destination of the White Goods and/or refrigerants transferred from the Site.

4. The Owner shall transfer waste and recyclable materials from the Site as follows:

a. recyclable materials shall be transferred off-site once their storage bins are full;

b. scrap metal shall be transferred off-site at least twice a year;

c. tires shall be transferred off-site as soon as a load for the contractor hired by the Owner has accumulated or as soon as the accumulated volume exceeds the storage capacity of its bunker; and

d. immediately, in the event that waste is creating an odour or vector problem.

5. The Owner shall notify the appropriate contractors that waste and recyclable wastes that are to be transferred off-site are ready for removal. Appropriate notice time, as determined by the contract shall be accommodated in the notification procedure.

6. Collection, storage and transfer of Waste Electrical and Electronic Equipment shall be in accordance with the documents in the Schedule 1.

7. Operation of the proposed re-use centre (Item 26 in Schedule 1) is hereby approved as proposed.

38. MHSW Transfer Station (HHW Depot)

1. Notwithstanding condition 23.1, MHSW from households; and industrial, commercial and/or institutional Generators shall be accepted at the HHW Depot. Waste from Generators other than households shall only be accepted at the HHW Depot pursuant to conditions 38 to 42 inclusive.

2. The HHW Depot shall be operated in accordance with documents in the Schedule 1.

3. The Design and Operations Report shall be retained at the Site; kept up to date through periodic revisions; and be available for inspection by Ministry staff. Changes to the Design and Operations Report shall be submitted to the Director for approval.

4. The HHW Depot shall only accept for bulking and temporary storage pending transfer to an approved carrier for disposal elsewhere, the following hazardous waste classes: 112, 121, 145, 146, 148, 212, 213, 221, 222, 242, 243, 251, 252, 261, 263, 312 and 331, as outlined in the New Ontario Waste Classes, January 1986.

5. For waste type 312 (restricted to sharps only), the Owner shall ensure that:

    a. waste type 312 shall be accepted and handled by Trained Personnel only;

    b. waste type 312 shall be shipped in accordance with the Guideline C-4;

    c. where there is a conflict between the Guideline C-4 and the conditions of an approval issued to contractor or agent of the Owner which allows for the transportation of waste type 312 (restricted to sharps and syringes only), the conditions of that approval shall prevail;

    d. waste type 312 shall be packaged in dedicated, leak-proof, puncture-resistant containers capable of withstanding the weight of the waste and specifically designed for storage of sharps and syringes;

    e. the waste containers have well fitted lids which cannot be removed once closed; and

    f. the container shall be marked with the universal biohazard symbol and labelled "Biomedical Waste/Déchets Biomédicaux".

6. For the waste types 261, the Owner shall ensure that:

    a. waste type 261 shall be accepted and handled by Trained Personnel only;

    b. waste class 261 shall be packaged in dedicated, rigid, puncture-resistant, leak-proof containers designed specifically for that purpose;

c. the waste containers shall have lids which cannot be removed once closed; and

d. the waste containers shall be marked with the appropriate pharmaceutical symbol and labelled.

7. Batteries may be stored outdoors provided they are stored in a manner which protects the batteries from the effects of atmospheric precipitation.

8. Automotive batteries are to be stored in a secure area and provided with a containment area to ensure containment of any leakage or spilled battery acid.

9. The waste mercury thermostats shall be checked for any damaged or broken thermostats and spilled mercury upon receipt at the HHW Depot.

10. Mercury spill kit(s) shall be used during handling of the waste mercury thermostats at the HHW Depot to contain unexpected spills or leaks of mercury.

39. Incidental MHSW Waste Discovered/Delivered to the Site

1. The HHW Depot may accept incidental MHSW waste discovered in waste delivered to the Site, provided:

   a. the waste is characterized as being one or more of the Waste Class Nos. in condition 38.4 above; and

   b. the waste is labelled in accordance with the requirements of s.80 of Reg. 347.

2. Incidental waste which does not conform to condition 39.1.b above shall either be:

   a. returned to the Generator; or

   b. in the absence of a known Generator, characterized and managed in accordance with Reg. 347.

3. A detailed record shall be made of any incidental waste discovered at the Facilities, including but not limited to:

   a. the date;

   b. the type of waste;

   c. the amount of waste;

d. the condition of the container; and

e. how the waste was managed.

40. Collection and Storage of MHSW

1. The Owner shall implement the protocol in Item 20 of Schedule 1 for the Generator users of the HHW Depot.

2. When accepting waste from the Generators, the Owner shall only accept waste from the Generators who have signed the protocol.

3. The HHW Depot shall be supervised at all times during operating hours by staff that have been adequately trained to handle spill emergencies.

4. Waste received at the HHW Depot shall be stored in the following manner:

   a. propane cylinders shall be stored outdoors in a segregated area in a manner which prevents cylinders from being knocked over or cylinder valves from being damaged;

   b. all other waste shall be stored in a covered area such that it is sheltered from rain and snow;

   c. all liquid wastes shall be stored in secondary containment that meets the requirements of the Ministry document entitled "Guidelines for Environmental Protection Measures at Chemical and Waste Storage Facilities" dated May 2007;

   d. containers and storage areas containing flammable and/or ignitable materials shall be adequately grounded;

   e. storage containers shall be clearly labelled indicating the type and nature of the MHSW stored as required by applicable legislation;

   f. incompatible waste types shall be segregated during storage;

   g. batteries shall be stored in a secure area apart from other wastes and provided with a containment area to ensure against leakage or spilled battery acid; and

   h. all waste being transported from the HHW Depot shall be transported in accordance with Reg. 347 and the Environmental Protection Act.

41. Reuse of MHSW

1. The Owner shall not offer MHSW for reuse unless:

    a. the waste is in its original packaging, and the label on the package is legible;

    b. the waste has been inspected by trained personnel to ensure the waste meets the requirements for reuse for that specific waste type; and

    c. the waste is one of the following:

        i. waste paint, subject to the requirements of condition 41.3 below;

        ii. aerosols;

        iii. waxes and soaps;

        iv. motor oil, provided the original container has never been opened;

        v. antifreeze, provided the original container has never been opened;

        vi. household cleaning products, other than bleach or ammonia, that are no more than 5 years old;

        vii. drywall compound;

        viii. cement; and

        ix. fertilizers that do not contain pesticides, provided the original container/packaging has never been opened.

2. All waste offered for reuse shall be inspected by Trained Personnel to ensure that waste meets the requirements for reuse for that specific waste.

3. The Owner shall only offer waste paint for reuse provided that the following conditions are met:

    a. the waste paint is contained in the original manufacturer's container;

    b. the original manufacturer's label containing product information use and product hazards is clearly legible;

    c. the original manufacturer's container is in an undamaged state such that the material may be transported without risk of leaks or spills; and

    d. the Owner does not suspect the paint to have been manufactured prior to 1972.

42. MHSW from Generators

1. The Owner shall only accept MHSW from Generators under the following restrictions:

    a. the owner shall only receive MHSW from Generators that have entered into an agreement with the owner in accordance with the protocol described in condition 40.1;

    b. no waste shall be received from Generators where the Generator's activities include waste management;

    c. the Owner may only receive up to 60 kg of MHSW waste per year per Generator;

    d. the Owner may only receive up to a maximum of 300 litres of liquid industrial waste per year per Generator;

    e. the Owner shall not receive subject waste from single Generator more than 4 times per year;

    f. no hazardous waste shall be received in containers greater than 25 litres in size;

    g. no liquid industrial waste shall be received in containers greater than 25 L in size;

    h. where a load consists of a combination of hazardous waste and liquid industrial waste, the sum total of the wastes may not exceed 90 kg per load;

    i. all containers shall be closed, secured and maintained so that under normal conditions of transport, including handling, there will be no accidental release of waste;

    j. no containers other than those with an intact seal that cannot be opened without breaking or noticeably tampering with the seal shall be accepted at the HHW Depot;

    k. no broken or leaking containers, or containers otherwise unsuitable for the type of waste they contain, shall be accepted at the HHW Depot;

    l. all containers shall be identified with a label which contains the company name, address, telephone number, the name of the company representative and the contents of the container;

    m. all containers shall have a certificate meeting the requirements of condition 42.2 below is affixed to the container; and

    n. hazardous waste in sealed containers that is accepted at the site shall not be bulked, and the waste will be exempt from the land disposal restriction requirements.

2. No container of MHSW from Generators shall be accepted by the Owner unless the waste has been characterized by the Generator and the container has a certificate affixed to it stating the

following:

a. "All waste in this container is hazardous industrial waste, hazardous waste chemical or characteristic waste";

b. "No waste in this container has been mixed, blended, bulked or in any other way intermingled with any other waste or material";

c. "This waste has been generated solely at [insert name of Generator]'s facility which generates no greater than 5kg of hazardous industrial waste, hazardous waste chemical and characteristic waste in any month and is being accumulated for transportation purposes only";

d. "This container and seal comply with the requirements of the Generator Registration Manual"; and

e. "The total weight of this container does not exceed 30kg".

3. The Owner shall have in place an emergency response services program to attend to the clean-up any spills of MHSW or liquid industrial waste that occur during the transit of waste, by Generators that have entered into an agreement with the Owner, from the point of generation to the Owner's Site.

4. The Owner shall instruct all Generators to contact the emergency response services program immediately should a hazardous and/or liquid industrial waste spill occur while waste is in transit.

5. The Owner shall provide to the waste Generator the contact information for the emergency response services program, and the means with which to initiate contact (e.g. cellular phone), and shall inform the Generator of the need for this information to be available in the vehicle used to transport hazardous and/or liquid industrial waste at all times that waste is being transported.

6. Generators who have entered into an agreement with the Owner in accordance with the protocol described in conditions 40.1 and 40.2 shall not require further approval under Part V of the Act, and shall be exempt from the requirements of Section 16 of Reg. 347, subject to the following conditions:

a. each Generator transports its wastes to the HHW Depot using its own vehicle(s);

b. each Generator has a copy of the agreement entered into with the Owner in the vehicle at the time of waste transport;

c. each Generator transports its wastes as specified in the condition 42.1 and in accordance with the protocol described in condition 40.1; and

d. waste transported by Generators shall be transported on municipal roads unless a permit has been obtained from the Ontario Ministry of Transportation in accordance with Section 2 of the Dangerous Goods Transportation Act, R.S.O. 1990, Chapter D.1 to allow for the transport of dangerous goods on highways.

7. For Generators who have entered into an agreement with the Owner in accordance with the protocol described in condition 40.1, Sections 18-23 of Reg. 347 do not apply. Waste that is not part of the agreement with the Owner continues to be subject to the requirements of Reg. 347.

Schedule 1

Supporting Documentation

1. Application for a Certificate of Approval for a Waste Disposal Site dated January 4, 1971 including supporting information submitted with the application.

2. Site location map entitled "Town of Renfrew Waste Disposal Site".

3. Site plan entitled "Municipal Owned Sanitary Disposal Area"

4. The March 31, 1999, completed Ministry form, Application for Approval of a Waste Disposal Site, signed by Wayne Fraser of the Town of Renfrew.

5. The undated report, Renfrew HHW Depot Application, with attached Appendices "A" to "G".

6. Town of Renfrew Landfill Site Application to Amend Certificate of Approval A410401 and Supporting Documentation prepared by Oliver, Mangione, McCalla & Associates and dated March 2, 1998.

7. Letter from J.A. McKee of Trow Consulting Engineers Ltd. to E. Zaltsberg of the MOE dated February 28, 2002 re: Town of Renfrew Landfill Site.

8. Addendum #1 Operation & Development Report Town of Renfrew Landfill Site prepared by Trow Consulting Engineers Ltd. and dated February 28, 2002.

9. Letter from L.A. McKee of Trow Consulting Engineers Ltd. to E.Zaltsberg of the MOE dated March 28, 2002 re: Town of Renfrew Landfill Site.

10. 2001 Ground and Surface Water Monitoring Report Town of Renfrew Landfill prepared by Trow Consulting Engineers Ltd. and dated March, 2002.

11. Application for a Provisional Certificate of Approval for a Waste Disposal Site dated May 28, 2002 and signed by W.P. Fraser, the Director of Development & Works, Corporation of the Town of Renfrew.

12. Letter dated July 28, 2005 Re: Town of Renfrew Landfill Site, Compliance Report to Andrew Polley, Ministry of the Environment, from Michel Asselin and Hiran Sandanayake, Trow Associates Inc.

13. Application for a Provisional Certificate of Approval for a Waste Disposal Site dated April 23, 2008.

14. Letter dated April 14, 2008 from Michel Asselin, P.Eng., Director of Development Works

addressed to the Ministry of the Environment, Environmental Assessment and Approvals Branch.

15. Letter dated April 30, 2008 from P.A.S. Benson, M.Eng., P.Eng., Golder Associates Ltd. addressed to the Ministry of the Environment, Environmental Assessment and Approvals Branch.

16. Application for a Provisional Certificate of Approval for a Waste Disposal Site dated May 1, 2008.

17. Report titled "2008 Annual Report, Renfrew Landfill Site", dated March 2009 prepared by Golder Associates Limited.

18. Table 4 (revised) titled "Proposed 2010 Groundwater Monitoring Program", dated November 2009, submitted VIA electronic mail on November 18, 2009.

19. Report titled "Town of Renfrew, Household Hazardous Waste Depot" dated December 2010 and prepared by Pamela Russell, P.Eng., Associate, Senior Waste Engineer, and Michael Cant, Associate, Canadian Waste Sector Leader, Golder Associates Ltd.

20. Report titled "Responsibilities for Industrial, Commercial and Institutional Users of the HHW Depot, Town of Renfrew HHW Depot" dated December 2010 and prepared by Pamela Russell, P.Eng., Associate, Senior Waste Engineer, and Michael Cant, Associate, Canadian Waste Sector Leader, Golder Associates Ltd.

21. Application for Administrative Amendment to Provisional Certificate of Approval No. A410401, proposed ring road for the Renfrew Landfill located in Renfrew, Ontario, prepared by Golder Associates Ltd. on behalf of the Corporation of the Town of Renfrew, dated November 29, 2011, and supporting documentation.

22. Application, dated March 22, 2013, signed by Michel Asselin, Developments and Works Director. Re: Approval for the use of Tarp and Ground Woodwaste as Alternative Daily Cover, and to change the operating hours of the Landfill, and Household Hazardous Waste Facility. This application contains the following attachments:

    a. Renfrew Landfill Site Plan of final contours updated, dated August 31, 2012, made by Golder Associates Ltd.

    b. "Attachment A", dated March 22, 2013. Re: Supporting information about Operational Enhancements, Operation Hours Change and Alternative Daily Cover at the Site.

    c. Letter dated December 13, 2012, from Michel Asselin, Renfrew Developments and Works Director, to adjacent Neighbours of the landfill Site, and a List of Notice Recipients. Re: Information about the proposed Operational hours change, and the use of new alternatives for Daily Cover at the Site.

23. A letter dated July 29, 2013, from Megan K. Farnel, P. Eng. Environmental Engineer, Golder Associates Ltd. to Aracelis Carbonell, Project Engineer Intern, Waste Division, MOE, EAB. Re: Response to General letter, dated May 23, 2013. Re: Comments about application to amend the ECA: A410401, MOE Reference No: 2220-96DRQW. This letter has the following attachments:

    a. Table 1: "Diverted Materials".

    b. Letter dated July 26, 2013 from Andria Caletti, Engineer in Training, Golder Associates Ltd. to Director of Environmental Approvals Access, and Service Integration Branch, MOE. Re: Renfrew Landfill proposed Monitoring Program amendment response to approved changes, with the following attachments:

        i. Tables 1: "2013 Groundwater Monitoring Program", Table 2: "2013 Surface Water Monitoring Program", and Table 3: "2013 Landfill Gas Monitoring Program".

        ii. Letter dated July 15, 2013, from Steve Burns, Ottawa MOE District Manager, to Mike Asselin, Public Works Director of Town of Renfrew. Re: Proposed Monitoring Program amendment.

        iii. Letter dated May 24, 2011, from S. Richards, M. Sc., P. Eng., Golder Associates Ltd., Environmental Engineer, to Steve Burns, Ottawa MOE District Manager. Re: Proposed changes to the Surface and Groundwater Monitoring Program and Landfill Gas Monitoring, Renfrew Landfill Site.

24. A letter dated August 26, 2013, from Megan K. Farnel, P. Eng. Environmental Engineer, Golder Associates Ltd., to Aracelis Carbonell, Project Engineer Intern, Waste Division, MOE, EAB. Re: Supporting information about the application to amend the ECA A410401, MOE Ref: 2220-96DRQW.

25. Letter report Re: Request to Amend Surface Water and Groundwater Monitoring Program at the Renfrew Landfill, dated January 27, 2020 from Andria Caletti, P.Eng. and Trish Edmond, M. E. Sc., P.Eng., Golder Associates Ltd. to Director, Ministry of the Environment, Conservation and Parks.

26. Letter report dated June 5, 2020 from Emily Bacon, M.Eng., E.I.T. and Trish Edmond, M.E.Sc., P.Eng, Golder Associates Ltd. to Mr. Tyler Armstrong, Town of Renfrew, Re: Supplemental Information for a Re-Use Centre at Renfrew Landfill Site.

27. Environmental Compliance Approval Application dated March 20, 2024 and signed Amanda Springer, Manager of Environmental Services
The Corporation of the Town of Renfrew, including the attached supporting documentation.

28. Letter dated July 20, 2023 (revised December 2024) from Andria L. Caletti, P. Eng., Environmental Engineer and Trish L. Edmond, M.E.Sc., P.Eng. Principal, Geoenvironmental Engineer, WSP Canada, to Tracy Hart, District Manager, Ottawa District Office, Ministry of

Environment, Conservation and Parks Re: Summary of Revised Trigger Mechanism for the Renfrew Waste Disposal Site (ECA No. A410401).

29. Letter dated July 20, 2021 from Emily Bacon, M.Eng., EIT, Environmental Consultant and Trish Edmond, M.E.Sc., P.Eng., Principal, Geoenvironmental Engineer, Golder Associates Ltd., to Tracy Hart, District Manager, Ottawa District Office, Ministry of Environment, Conservation and Parks Re: Summary of Possible Surface Water Contingency Measures for the Renfrew Waste Disposal Site (ECA No. A410401), Renfrew, Ontario.

30. Letter report dated January 18, 2021 addressed to Tracy Hart, District Manager Ministry of Environment, Conservation and Parks (MECP), Ottawa MECP District Office Re: REVIEW OF SEWAGE SLUDGE DISPOSAL PRACTICES, RENFREW LANDFILL, RENFREW, ONTARIO, prepared by Emily Bacon, M.Eng., EIT and Trish Edmond, Golder Associates Ltd.

31. Environmental Compliance Approval Application dated July 25, 2025 and signed Amanda Springer, Manager of Environmental Services
The Corporation of the Town of Renfrew, including the attached supporting documentation.

32. Report titled "Updated Design and Operations Report, Renfrew Landfill Site" and dated July 2025 prepared by Andria Caletti, P.Eng.,Senior Geo-Environmental Engineer and Trish Edmond, P.Eng. Senior Geo-Environmental Engineer, WSP Canada Inc.

Schedule 2

Surface Water Monitoring Program

Monitoring Sessions	Sampling Stations	Laboratory Parameters	Field Parameters
Spring - May Summer- August Fall - October	S6 (on-Site) S7D, S8, S9 (Bonnechere River)	Arsenic, barium, boron, cadmium, chromium, calcium, copper, iron, lead, magnesium, manganese, mercury, potassium, sodium, zinc, chloride, nitrate, nitrite, total phosphorous, alkalinity, ammonia, biochemical oxygen demand (BOD), chemical oxygen demand (COD), dissolved organic carbon (DOC), hardness, phenols, total dissolved solids (TDS), total Kjeldahl nitrogen (TKN), total suspended solids (TSS)	Temperature, pH, conductivity, dissolved oxygen, and flow

Schedule 3

Groundwater Monitoring Program

Monitoring Sessions	**Sampling Stations**	**Laboratory Parameters**	**Field Parameters**
Spring and Fall	OMM 5, OMM 6, OMM 7, OMM 8, OMM 9, OMM 14S, OMM 14M, OMM 14D, OMM 15, BH10-1, BH10-2A, BH10-2B, BH11-01, Two new monitoring wells near waste limit extension (see Figures 4 and 5, Item 32 of Schedule 1)	Arsenic, barium, boron, cadmium, chromium, calcium, copper, iron, lead, magnesium, manganese, mercury, potassium, sodium, zinc, chloride, nitrate, nitrite, total phosphorous, alkalinity, ammonia, chemical oxygen demand (COD), dissolved organic carbon (DOC), hardness, sulphate, total dissolved solids (TDS), total Kjeldahl nitrogen (TKN), phenols	Temperature, pH, conductivity
Spring and Fall	OMM6, OMM7, OMM14S, OMM14M, BH10-2B, BH11-01	E.coli, fecal coliforms, total coliforms	
Fall	OMM 7, OMM 8, OMM 9, OMM 14D, OMM15, BH11-01	Volatile organic compounds (VOCs)	

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

1. The reason for conditions 1.1, 1.2, 3.1, 3.2, 3.3, 3.4, 4.1, 5.1, 5.2, 10.1, 10.2, 10.3, 10.4, 10.5, 10.6 and 10.7 is to clarify the legal rights and responsibilities of the Owner and Operator under this Approval.

2. The reasons for conditions 2.1, 2.2, 2.3 and 24.3 are 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.

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

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

5. The reason for condition 6.3 is to ensure that the successor is aware of its legal responsibilities.

6. The reasons for conditions 7.1, 7.2, 7.3 and 8.1 are that the Part II.1 Director is an individual with authority pursuant to Section 197 of the Environmental Protection Act to require registration on title and provide any person with an interest in property before dealing with the property in any way to give a copy of the Approval to any person who will acquire an interest in the property as a result of the dealing.

7. The reason for condition 9.1 is to ensure that appropriate Ministry staff has 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 Act, the OWRA, the PA, the NMA and the SDWA.

8. Condition 10.8 has been included in order to clarify what information may be subject to the Freedom of Information Act.

9. The reasons for conditions 11.1, 13.1 and 21.1 are to ensure that the Site is operated, inspected and maintained in an environmentally acceptable manner and does not result in a hazard or nuisance to the natural environment or any person.

10. The reason for conditions 12.1, 12.2 and 12.3 is to ensure that users of the Site are fully aware of important information and restrictions related to Site operations and access under this Approval.

11. The reasons for condition 14.1 are open burning of waste is unacceptable because of concerns with air emissions, smoke and other nuisance effects, and the potential fire hazard.

12. The reasons for condition 15.1, 15.2 and 15.3 are to specify the hours of operation for the landfill site and a mechanism for amendment of the hours of operation, as required.

13. The reasons for condition 16.1 and 16.2 are to ensure that the Site is supervised by properly trained staff in a manner which does not result in a hazard or nuisance to the natural environment or any person and to ensure the controlled access and integrity of the Site by preventing unauthorized access when the Site is closed and no site attendant is on duty.

14. The reason for condition 17.1 is to ensure that the Site is supervised and operated by properly trained staff in a manner which does not result in a hazard or nuisance to the natural environment or any person.

15. The reason for condition 18.1 is to ensure that any complaints regarding landfill operations at this Site are responded to in a timely and efficient manner.

16. Conditions 19.1 and 19.2 are included to ensure that emergency situations are reported to the Ministry to ensure public health and safety and environmental protection.

17. Conditions 19.3, 19.4 and 19.5 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.

18. The reason for conditions 20.1 and 20.2 is to ensure that accurate waste records are maintained to ensure compliance with the conditions in this Approval (such as fill rate, site capacity, record keeping, annual reporting, and financial assurance requirements), the EPA and its regulations.

19. The reason for conditions 21.2 and 21.3 is to ensure that detailed records of Site inspections are recorded and maintained for inspection and information purposes.

20. The reasons for conditions 22.1 and 22.2 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.

21. The reason for conditions 23.1, 23.2, 23.3, 23.4, 24.1, 24.2, 25.1 and 25.2 inclusive is to specify the approved areas from which waste may be accepted at the Site and the types and amounts of waste that may be accepted for disposal at the Site, based on the Owner's application and supporting documentation.

22. Condition 26.1 is to provide the Owner the process for getting the approval for alternative daily and intermediate cover material.

23. The reasons for condition 26.2 are to ensure that daily/weekly and intermediate cover are used to control potential nuisance effects, to facilitate vehicle access on the Site, and to ensure an acceptable site appearance is maintained. The proper closure of a landfill site requires the

application of a final cover which is aesthetically pleasing, controls infiltration, and is suitable for the end use planned for the Site.

24. Condition 26.3 is included to approve alternative daily cover material for the Site.

25. Condition 27.1 is included to approve the request by the Owner to leave the waste in Fill Beyond Approved Limits in the same location. This reason for this approval is to ensure that the waste is dealt with in an environmentally acceptable manner.

26. Conditions 27.2 and 27.3 are included to ensure that this waste does not result in a hazard or nuisance to the natural environment or any person. The proper closure of this area requires the application of a final cover which is aesthetically pleasing, controls infiltration, and is suitable for the end use planned for the Site.

27. The reason for condition 28.1 is to approve the construction of the proposed on-site ring road at the Renfrew Landfill Site, to return the Site to the original conditions as per the original landfill design, and to provide improved access to portions of the Site, all in accordance with the application for approval dated November 29, 2011, and supporting information and documentation prepared by Golder Associates Ltd. on behalf of the Corporation of the Town of Renfrew.

28. Reasons for conditions 29.1 and 29.2 are to ensure that landfill gas is monitored and 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.

29. Condition 30.1 is included to provide the groundwater and surface water limits to prevent water pollution at the Site.

30. Conditions 31.1 to 31.2 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.

31. Conditions 32.1 to 32.5 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.

32. Conditions 33.1 to 33.5 inclusive are added to ensure the Owner has a plan with an organized set of procedures for identifying and responding to potential issues relating to groundwater and surface water contamination at the Site's compliance point.

33. Conditions 34.1 and 34.2 are included to streamline the approval of the changes to the monitoring plans and trigger mechanisms and contingency plans.

34. Conditions 35.1 to 35.6 inclusive is included to require the Owner to obtain property rights

and/or groundwater easements on land(s) that is required for a Contaminant Attenuation Zone that is necessary for attenuation of contamination resulting from the operation of the Site to bring the Site into compliance with Reasonable Use Guideline B-7.

35. The reasons for condition 36.1 and 36.2 are 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.

36. Condition 37 is included to ensure that the recyclable materials are stored in their temporary storage location and transferred off-site in a manner as to minimize a likelihood of an adverse effect or a hazard to the natural environment or any person.

37. The reasons for the conditions 38 and 39 are to approve collection of MHSW and to ensure that the wastes are managed in a manner that protects the environment and the health and safety of the public.

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). A410401 issued on December 4, 2024

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

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

M5G 1E5
OLT.Registrar@ontario.ca

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**

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

DATED AT TORONTO this 17th day of April, 2026

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

RM/
c: District Manager, MECP Ottawa
Andria Caletti P. Eng., WSP Canada Inc.