

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER A482101

Issue Date: February 19, 2025

The Corporation of the Township of North Dundas
636 St. Lawrence St.
Post Office Box No. 489
Winchester, Ontario
K0C 2K0

Site Location: Boyne Road Landfill
12620 Boyne Road
Lot 8, Concession 6
North Dundas Township, United Counties of Stormont, Dundas and Glengarry, ON
K0C 2K0

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:

for the use and operation of an 11.9 hectare landfilling area within a total site area of 113.3 ha including Contaminant Attenuation Zone for the

- receipt and disposal of solid, non-hazardous municipal waste, including contaminated soils which can also be used for waste cover;
- for the use and operation of transfer station for scrap metal, wood and brush (not including painted or treated wood or laminated wood) waste, tires, White goods (refrigerated appliances), Waste Electronics and Electrical Equipment (WEEE); and
- approval of the establishment and operation of a Municipal Hazardous or Special Waste (MHSW) depot for the acceptance, storage, packaging, and bulking of household hazardous waste and subsequent transfer of hazardous waste codes 145, 146T, 147I, 148, 212L, 213, 221, 241, 242, 252, 261, 263, 269, and 331, as described in the document entitled "Ministry of the Environment New Ontario Waste Classes January 1986".

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

"Approval" means this entire Approval document and includes any schedules to it, the application and

the supporting documentation listed in Schedule "A";

“Contaminant Attenuation Zone” or “CAZ” means a three-dimensional zone that,

- a. is located on land adjacent to a landfilling site;
- b. is in the subsurface or extends into the subsurface, and
- c. is used or is intended to be used for the attenuation of contaminants from the landfilling site to levels that will not have an unacceptable impact beyond the CAZ boundary;

“Contaminated Soils” in the context of this Approval means soils which are non-hazardous and do not meet the chemical quality standards prescribed in “Soil, ground water and sediment standards for use under Part XV.1 of the Environmental Protection Act, dated April 15, 2011”.

"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;

“Ministry” means the Ontario Ministry of the Environment, Conservation and Parks;

"Municipal Hazardous or Special Waste (MHSW)" and also referred to as Household Hazardous Waste, with the acronym "HHW" as defined in O. Reg. 387/16, as amended, and in the context of this Approval means hazardous waste or special waste that fall within the Ontario Waste Classes 145, 146T, 147I, 148, 212L, 213, 221, 241, 242, 252, 261, 263, 269, and 331 as defined in Regulation 347, and also includes cell batteries, waste lithium batteries from electronic devices, waste fluorescent tubes and waste energy efficient light bulbs, waste switches and thermostats that may contain mercury, and other non-hazardous municipal waste diverted from hazardous household waste;

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

"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;

"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 Township of North Dundas, its successors and assigns;

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

“PA” means the *Pesticides Act* , R.S.O. 1990, c. P-11, as amended 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 or Section 4 of NMA or Section 8 of SDWA.

"Regional Director" means the Regional Director of the local Regional Office of the Ministry in which the Site is located.

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

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

"Site" means the entire waste disposal site described as the 11.9 hectare landfilling area within a total Waste Disposal Site area of 113.3 ha including buffer zone and CAZ (as described in Schedule "C") located at 12620 Boyne Road on Lot 8, Concession 6, North Dundas Township, United Counties of Stormont, Dundas and Glengarry, ON;

"WEEE" refers to Waste Electrical and Electronic Equipment as listed in Schedules 1 through 7 of Ontario Regulation 389/16, as amended;

"White goods" means White goods which contain, or may contain refrigerants, and which include, but are not restricted to, refrigerators, freezers and air-conditioning systems; and

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

- a. relevant waste management legislation, regulations and guidelines;
- b. major environmental concerns pertaining to the waste to be handled;
- c. occupational health and safety concerns pertaining to the processes and wastes to be handled;
- d. management procedures including the use and operation of equipment for the processes and wastes to be handled;
- e. 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.

"Transfer Station" means the transfer station established on Site for the temporary storage and bulking of waste.

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. GENERAL

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.

In Accordance

- (3) 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 "A".

Interpretation

- (4) Where there is a conflict between a provision of any document listed in Schedule "A" 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 document 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", 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 any applicable statute, regulation or other legal requirement; or
 - (b) limit in any way the authority of the Ministry to require certain steps be taken or to require the Owner and Operator to furnish any further information related to compliance with this Approval.

Adverse Effect

- (9) 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.
- (10) Despite an Owner, Operator or any other person fulfilling any obligations imposed by this Approval the person remains responsible for any contravention of any other condition of this Approval or any applicable statute, regulation, or other legal requirement resulting from any act or omission that caused the adverse effect to the natural environment or impairment of water quality.

Change of Ownership

- (11) The Owner shall notify the Director, in writing, and forward a copy of the notification to the District Manager, within 30 days of the occurrence of any changes in the following information:
- (a) the ownership of the Site;
 - (b) the Operator of the Site;
 - (c) the address of the Owner or Operator; 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.
- (12) No portion of this Site shall be transferred or encumbered prior to or after closing of the Site unless the Director is notified in advance and sufficient financial assurance (excluding municipality) is deposited with the Ministry to ensure that these conditions will be carried out.
- (13) In the event of any change in Ownership of the Site, other than change to a successor Owner, 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.

Approval of Requirement/Registration on Title - Site

- (14) (1) If not already completed, within 6 months of the date of the 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.
- (2) Within 30 calendar days of receiving the Approval 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.
- (15) Pursuant to Section 197 of the Environmental Protection Act, 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.

Registration on Title Requirement - Contaminant Attenuation Zone (CAZ)

- (16) Within two (2) years from the date of commencement of waste disposal in Phase 2 to 4 of the landfill expansion area, the Owner shall complete acquiring the lands to the south of the landfill expansion area as indicated to be additional CAZ on Figure 6 of the Design and Operations Report, included as Item 24 in Schedule "A", in either fee simple or by way of a groundwater easement for assessing, delineating and monitoring landfill leachate impact on the groundwater.
- (17) The Owner must continue to own the property rights to the CAZ for all of the contaminating life span of the Site.
- (18) The ownership of the property rights, for the new CAZ to be acquired as per Condition 1(16), must include the right to:

- (a) discharge contaminants from the operations at the Site into the CAZ;
 - (b) enter into the CAZ and onto the surface above the CAZ for purposes of testing, monitoring, intercepting contaminants and carrying out remedial work;
 - (c) install, operate and maintain works, for the purposes mentioned in clause (b), in the CAZ, including on the surface above the CAZ; and
 - (d) prevent the owner(s) of the land(s) in which the CAZ is located from paving, erecting a structure or making any use of land(s) above or in the vicinity of the CAZ that would interfere with the functioning of the CAZ or with the exercise of any of the rights mentioned in this subsection.
- (19) 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 CAZ.
- (20) The Owner shall ensure that the written easement agreement, specified in Condition 1(18) includes an agreement of the property owner(s) of the land(s) required for the CAZ, to register a Certificate of Requirement on title to the land(s) to be used as the CAZ.
- (21) Within one (1) year from the date of acquisition of CAZ lands as required in Condition 1(16) of this Approval, 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 Regulation 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, a written verification that the Certificate of Requirement has been registered on title.

- (c) If rights are obtained by way of a groundwater easement, the Owner shall:
 - (i) provide a copy of the agreement for 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 and District Manager;
- (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.

Inspections by the Ministry

- (22) 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.

Information and Record Retention

- (23) Any information requested, by the Ministry, concerning the Site and its operation under this Approval, including but not limited to any records required to be kept by this Approval shall be provided to the Ministry, upon request, in a timely manner. Records shall be retained for contaminating life span of the Site except for as otherwise authorized in writing by the Director.
- (24) 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.

(25) The Owner shall ensure that a copy of this Approval, in its entirety is retained at the Site at all times.

Certificate of Withdrawal of Requirement for the Site and Contamination Attenuation Zone (CAZ)

(26) If the Owner wants to withdraw the Certificate of Requirement for the Site, the Owner shall:

- (a) submit to the Director, a completed Certificate of Withdrawal of Requirement; and its supporting documents, outlining the reasons for the Withdrawal of the Requirement.
- (b) submit to the Director:
 - (i) a plan of survey of the area where waste was deposited sealed by an Ontario Land Surveyor and for the Site;
 - (ii) 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 Certificate of Withdrawal of Requirement,
 - (iii) the legal abstract of the property; and
 - (iv) completed Certificate of Withdrawal of Requirement containing a registerable description of the Site.
- (c) within fifteen (15) calendar days of receiving a Certificate of Withdrawal of Requirement authorized by the Director, the Owner may:
 - (i) register the Certificate of Withdrawal of Requirement in the appropriate Land Registry Office on the title to the property; and
 - (ii) submit to the Director and District Manager, written verification that the Certificate of Requirement has been registered on title.

(27) If the Owner wishes to withdraw the Certificate of Requirement for the Contaminant Attenuation Zone, the Owner shall:

- (a) submit to the Director, a completed Certificate of Withdrawal of Requirement and its supporting documents, outlining the reasons for the withdrawal of the requirement.
- (b) submit to the Director:
 - (i) a plan of survey showing the lands being removed from the Contaminant Attenuation

Zone,

- (ii) 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 Certificate of Withdrawal of Requirement,
- (ii) the legal abstract, and
- (iii) completed Certificate of Withdrawal of Requirement containing a registerable description of the lands being removed from the Contaminant Attenuation Zone.

Design and Operations Report

- (28) The Owner shall maintain an up-to-date Design and Operations Report for the Site, which shall contain at a minimum the information required by the Ministry's "Guide to applying for an Environmental Compliance Approval" as it applies to the Site.
- (29) The Design and Operations Report shall be:
 - a. kept up-to-date at all times so that it accurately reflects the ongoing Site activities as approved under this Approval;
 - b. retained at the Site;
 - c. available for inspection by a Provincial Officer upon request; and
 - d. updated and submitted with all future Environmental Compliance Approval applications for the Site, including a revisions tracking log.
- (30) Changes to the Site's operations that do not require an amendment to this Approval under Section 27 of the EPA shall be recorded in a revisions tracking log in the Design and Operations Report and submitted to the District Manager for record keeping.

2. SITE OPERATION

Operation

- (1) The Site shall be operated and maintained at all time including management and disposal of all waste in accordance with the EPA, Regulation 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.

Signs

- (2) A sign shall be installed and maintained at the main entrance/exit to the Site on which is legibly displayed the following information:

- (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 telephone number to which complaints may be directed;
 - (f) a warning against unauthorized access;
 - (g) a twenty-four (24) hour emergency telephone number (if different from above); and
 - (h) a warning against dumping outside the Site.
- (3) The Owner shall install and maintain signs to direct vehicles to working face and recycling areas.
- (4) The Owner shall provide signs at Transfer Station informing users what materials are acceptable and directing users to appropriate storage area.

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

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

Burning Waste Prohibited

- (6) (a) Burning of waste at the Site is prohibited.
- (b) Notwithstanding Condition 2(6) (a) above, burning of segregated, clean wood and brush at the landfill may be carried out in strict compliance with the Ministry of the Environment Document titled "Guideline C-7, Burning at Landfill Sites" dated April 1994.

Site Access

- (7) Waste shall only be accepted during the following time periods:
- 8:00 a.m. to 4:00 p.m. Monday through Friday, and
- 8:00 a.m. to 12:00 p.m.
- (8) On-site equipment used for daily site preparation and closing activities may be operated one (1) hour before and one (1) hour after the hours of operation approved by this Approval.
- (9) With the prior written approval from the District Manager, the time periods may be extended to

accommodate seasonal or unusual quantities of waste.

Site Security

- (10) No waste shall be received, landfilled or removed from the Site unless a site supervisor or attendant is present and supervises the operations during operating hours. The Site shall be closed when a site attendant is not present to supervise landfilling operations.
- (11) 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 to secure against access by unauthorized persons.
- (12) The Site can accept garbage received from the public in bins of known volume. The bins used to collect and store garbage from the public shall be covered when left unattended outside of operating hours with waste inside and the bins shall be emptied to the active landfill face at the end of each operating day. The public garbage drop-off area shall be clearly labelled.

3. LANDFILL DESIGN AND DEVELOPMENT

Approved Waste Types

- (1) Only solid non-hazardous municipal waste as defined under Reg. 347 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 notify the District Manager, in writing, of load rejections at the Site within one (1) business day from their occurrence.

Capacity

- (4) The approved maximum volumetric capacity of the Site, consisting of the waste, daily cover or intermediate cover, but excluding the final cover is 1,060,750 cubic metres.

Service Area

- (5)
 - (a) Only waste that is generated within the boundaries of the Township of North Dundas (which includes the Village of Chesterville, the Village of Winchester, the former Township of Winchester, and the former Township of Mountain) may be accepted at the Site.
 - (b) Further to condition 3(1) above, the Owner may bring solid non-hazardous soil as cover material generated within the Township of North Dundas.
 - (c) Non-hazardous contaminated soils to be used as cover material shall only be stored within the

approved waste footprint area.

Cover

(6) Cover material shall be applied as follows:

- (a) Periodic Cover - All waste shall be compacted and covered with a 15 cm of cover material on the exposed surfaces the lifts when they reach maximum of 2 m in height by 10 m in width or every two weeks, whichever occurs first. If the District Manager feels at anytime the frequency of application of the periodic cover is not sufficient, the Owner shall change the frequency of the cover application to the satisfaction of the District Manager;
- (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 and 150 millimetres of topsoil with vegetative cover shall be placed. Fill areas shall be progressively completed and final cover applied as landfill development reaches final contours.

(7) Alternative materials to soil may be used as weekly and interim cover material, subject to meeting 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

Surface Water Management

(8) The Owner shall ensure that approval is obtained under Section 53 (sewage works) of OWRA, for any future surface water management works, including stormwater management ponds, if any, prior to construction and/or use of the works.

4. LANDFILL MONITORING

Landfill Gas

- (1) 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.

Compliance

- (2) 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.

Surface Water and Groundwater

- (3) The Owner shall monitor groundwater and surface water in accordance with the monitoring programs outlined in Schedule "B" of this Approval.
- (4) A Professional Geoscientist or Engineer possessing appropriate hydrogeologic training and experience shall execute or directly supervise the execution of the groundwater and surface water monitoring and reporting program.

Groundwater Wells and Monitors

- (5) The Owner shall ensure that all groundwater monitoring wells which form part of the monitoring program are properly capped, locked and protected from damage.
- (6) Where landfilling is to proceed around monitoring wells, suitable extensions shall be added to the wells and the wells shall be properly re-secured.
- (7) 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.
 - (a) 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.
 - (b) 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 Mechanisms and Contingency Plans

- (8) The Owner shall implement a trigger mechanism and contingency plan as outlined in Section 7 of the Design and Operations Report dated August 2024 and included as Item 24 in Schedule “A”.
- (9) In the event of a confirmed exceedence of a site-specific trigger level relating to groundwater or surface water impacts due to leachate, the Owner shall immediately (within 10 business days) 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.
- (10) 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 exceedence;
 - (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 District Manager for approval; and
 - (c) The contingency measures shall be implemented by the Owner upon approval by the District Manager.
- (11) 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.

Changes to the Monitoring Plan

- (12) The Owner may request to make changes to the monitoring program(s) 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.
- (13) 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, 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 monitoring program, to the Director requesting the Approval be amended to approve the proposed changes to the environmental monitoring plan prior to implementation.
- (14) In the event any other changes to the environmental monitoring program are proposed outside of the recommendation of the Annual Report, the Owner shall follow current ministry procedures for seeking

approval for amending the Approval.

5. EMPLOYEE TRAINING

- (1) If has not already been developed, a training plan for all employees that operate any aspect of the Site shall be developed and implemented by the Operator. Only Trained Personnel shall operate any aspect of the Site or carry out any activity required under this Approval.

6. 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 all 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.

7. EMERGENCY RESPONSE

- (1) 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.
- (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).

8. RECORD KEEPING AND REPORTING

Daily Log

- (1) A daily log (written or electronic form on the days the site is in operation) shall be maintained and shall include the following information:
- (a) the type, date and time of arrival, hauler, and quantity (tonnes or cubic meter) 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;
 - (d) a record of the monthly 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.

Inspections and Records

- (3) An inspection of the entire Site and all equipment on the Site shall be conducted on a monthly basis 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.
- (4) A record of the inspections shall be kept 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.

- (5) A record shall be kept in the log (electronic or written form) of all refusals of waste shipments, the reason(s) for refusal, and the origin of the waste, if known.

Annual Report

- (6) 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, by March 31st of the year following the period being reported upon.
- (7) The Annual Report shall include the following:
- (a) 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;
 - (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; previously existing site facilities; facilities installed during the reporting period; and site preparations and facilities planned for installation during the next reporting period;
 - (d) calculations of the volume of waste (based on elevation survey), 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 weekly, maximum daily and total annual quantity (cubic metre) of waste received at 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 Ontario Regulation 903; and
 - (k) any other information with respect to the Site which the Regional Director may require from time to time.

9. CLOSURE PLAN

- (1) At least 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;
 - (vi) final construction of any control, treatment, disposal and monitoring facilities for leachate, groundwater, surface water and landfill gas; and
 - (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; and
 - (f) 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.

10. TRANSFER STATION

- (1) The Owner shall design, develop, build, operate and maintain the Transfer Station in accordance with the Design and Operation Reports included as Items 2 to 4, 24 and 25 in the Schedule "A"
- (2) Only solid non-hazardous waste (White goods appliances containing no refrigerant, scrap metal, wood and brushes, WEEE and tires) shall be accepted at the Transfer Station.
- (3) The MHSW at the Site is approved to accept, store, packaging, and bulking of household hazardous waste of Ontario Waste Classes 145, 146T, 147I, 148, 212L, 213, 221, 241, 242, 252, 261, 263, 269, and 331 and for subsequent transfer to licensed facility.
- (4) Notwithstanding Condition 10(2), White goods appliances containing refrigerant can be accepted at the Site, but they shall be stored in a temporary holding area prior to the refrigerant removal. The refrigerant removal shall be conducted by a licensed technician.
- (5) The Owner shall maintain separate records for all wastes received at the Transfer Station. The records shall include the documentation of waste types and quantities received, source of generation, ultimate disposal sites, and the documentation of any spills and/or upsets, and environmental and/or any other problems encountered in operating the Site.

WEEE Facility

- (6) The operation of the WEEE facility at the Site shall be limited to the collection, storage and transfer of WEEE listed in Schedules 1 through 7 of Ontario Regulation 389/16, as amended.
- (7) The Owner may increase the type of WEEE materials managed at the WEEE facility as per the Resource Productivity and Recovery Authority (RPPRA) rules/guidelines to increase the diversion of WEEE designated materials (O. Reg. 522/20), subject to the prior written approval of the District Manager.
- (8) The WEEE shall be stored in up to two (2) lockable 30-cubic yard roll-off enclosed containers placed in a secure manner at the Site, such that unauthorized persons cannot enter these facilities without supervision.
- (9) The Owner shall ensure that the WEEE is operated in a safe and secure manner, such that all items are properly handled, packaged and stored so as not to pose any threat to the general public, site personnel and the natural environment.

Approved Quantities

- (10) The maximum storage quantities at the Transfer Station at any time shall not exceed the following:
 - (a) Tire: 500 tires

- (b) WEEE: 2 tonnes per operating day, with a maximum accumulated storage on-site not to exceed five (5) tonnes at any time.
- (c) Fluorescent bulbs: 2,000 - 1.2 m bulbs, 100 LED bulbs, 100 Halogen bulbs and 500 compact fluorescent bulbs.
- (d) Scrap metals including appliances after refrigerant removal: 400 tonnes
- (e) Refrigerant appliances in temporary holding area: 100 items

Labelling of Bins

- (11) 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;
 - (c) if necessary to prevent litter, waste storage areas shall be covered during high wind events; and
 - (d) Refrigerant appliances have been tagged to indicate that the refrigerant has been removed by a licensed technician. The tag number shall be recorded in the log book and shall remain affixed to the appliance until transferred from the Site.
 - (e) Refrigerant removal in White goods stored in a temporary storage area shall be completed within 1 week of reaching the maximum storage quantity provided in Condition 10(10)(e) of such appliances by a licensed technician.
- (12) As a minimum, the Owner shall transfer waste and recyclable materials from the Transfer Station and 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; and
 - (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 maximum storage capacity.
- (13) Unless exempt under legislation, waste must be transported by a Ministry approved hauler and must be transported to a Ministry approved receiving site.
- (14) All wastes and recyclable materials shall be managed and disposed in accordance with the

EPA and Reg. 347.

Inspections

- (15) An inspection of the Transfer Station and associated equipment and/or structures, shall be conducted on a monthly basis to ensure security, that the operation is not causing any nuisance such as odour, litter, dust, and vectors/vermin, and/or adverse effects on the environment. Any deficiencies discovered as a result of the inspection shall be remedied as soon as practicable, including temporarily ceasing of operations at the Transfer Station for waste diversion, if necessary.
- (16) A record of the inspections shall be kept in a monthly log (electronic or written form), that includes the following information:
 - (a) the name and signature of the person who conducted the inspection;
 - (b) the date and time of the inspection;
 - (c) a list of any deficiencies discovered;
 - (d) any recommendations for remedial action; and
 - (e) the date, time and description of actions taken.
- (17)
 - (a) The Owner shall ensure that a trained employee(s) is/are on duty at all times when the Site is open to ensure proper supervision of all activities; and
 - (b) Prior to being accepted at the Site, all incoming waste and recyclable materials shall be inspected by the trained employee and shall only be permitted to enter the Site if the Site is approved to accept that type of waste.

Log

- (18) A weekly log (written or electronic), which can also be part of daily log required by Condition 8 (1), shall be maintained in written or electronic format and shall include the following information:
 - (a) date of operation;
 - (b) types (class and primary characteristic), quantities and source of waste and recyclable materials received and transferred;
 - (c) quantities and destination of each type of waste and recyclable materials shipped from the Transfer Station;

- (d) a record of daily and monthly inspections required by this Approval;
- (e) a record of any spills or operation upsets at the Site, including the Transfer Station, the nature of the spill or operation upset, and the action taken for the clean up or correction, the time and date of the spill or operation upset, and for spills, the time that the Ministry and other persons were notified of the spill in fulfilment of the reporting requirements in the EPA;
- (f) a record of any waste refusals which shall include; amounts, reasons for refusal and actions taken;
- (g) the signature of the Trained Personnel conducting the inspection and completing the report.

Closure Plan

- (19) The Owner shall submit, for approval to the Director, a written closure plan twelve (12) months prior to the permanent closure of the Transfer Station. This plan must include, as a minimum, a description of the work that will be done to facilitate closure of the Transfer Station and a schedule for completion of that work.
- (20) Within 10 days after closure of the Transfer Station, the Owner shall notify the Director, in writing, that the Transfer Station is closed and that the approved Closure Plan has been implemented.

SCHEDULE "A"

1. Application for Provisional Certificate of Approval for a Waste Disposal Site issued on December 4th, 1989.
2. Application for Approval of a Waste Disposal Site dated June 27, 1995 and signed by David Sloane of the Township of Winchester.
3. Letter to Mr. Bob Helliard of the Ministry of Environment and Energy from Dale Phippen of M.S. Thompson and Associates Ltd. dated June 28, 1995 regarding the municipal waste recycling facility located at the municipal landfill.
4. The application for a Waste Disposal Site dated September 10, 1996 and the supporting information as provided in the document entitled "Boyne Road Landfill Site and Recycling Facility Household Hazardous Waste Transfer Facility Design and Operation Report", prepared by Oliver, Mangione, McCalla & Associates Ltd., dated July 1996.
5. The letter dated July 25, 1996 from Brenda L. Burrows-Rabb, Oliver, Mangione, McCalla & Associates Ltd. to Wilfred Ng, MOEE Approvals Branch.
6. Indenture (Easement Agreement) made on October 1, 2011 and signed on October 24, 2011, between Blair Hutchinson and the Township of North Dundas in respect of lands located at Part of Lot 7, Concession 6, Township of Winchester, Township of North Dundas, County of Dundas, being part of the property defined by PIN # 66149-0055, more particularly described as Parts 1 to 6 inclusive, on Reference Plan 8R-5197 dated June 15, 2011.
7. Environmental Compliance Approval Application dated May 14, 2013, signed by Angela Rutley, Chief Administrative Officer, the Corporation of the Township of North Dundas.
8. Report entitled "Design and Operations Plan", Boyne Road Landfill, Township of North Dundas, dated May 2013, prepared by Golder Associates Ltd.
9. Letter dated January 29, 2015, from Yannick J. Marcerou and Paul A. Smolkin of Golder Associates Ltd. to the Director, Environmental Approvals Access and Service Integration Branch, Ministry of the Environment and Climate Change, with attached Environmental Compliance Approval Application dated January 29, 2015, signed by Angela Rutley, Chief Administrative Officer, the Corporation of the Township of North Dundas.
10. Report entitled "Addendum To The Design and Operations Plan", Boyne Road Landfill, Township of North Dundas, dated January, 2015, prepared by Golder Associates Ltd.
11. Letter dated October 15, 2015 from Doug Froats, Director of Solid Waste Management, Township of North Dundas to Dickson Odame-Osafo, Ministry of the Environment and Climate Change, with attachment titled "Ontario Ministry of Natural Resources and Forestry Land Use Permit, No. LUP1735-1000641", dated October 14, 2015

12. Letter dated December 15, 2015 from Melissa I. Bunn and Paul A. Smolkin of Golder Associates Ltd. to Terri Forrester, Cornwall Area Office, Ministry of the Environment and Climate Change, Re: Response to Groundwater Review Comments on 2014 Monitoring Report For The Boyne Road Waste Disposal Site, Township of North Dundas.
13. Environmental Compliance Approval Application dated January 19, 2016, signed by Angela Rutley, Chief Administrative Officer, the Corporation of the Township of North Dundas.
14. Report entitled "Addendum #2 To The Design and Operations Plan", Application for Extension of Emergency ECA, Boyne Road Landfill, Township of North Dundas, dated January, 2016, prepared by Golder Associates Ltd.
15. Letter dated December 19, 2016 from Yannick Marcerou and Paul Smolkin of Golder Associates Ltd. on behalf of the Township of North Dundas to the Director, Ministry of the Environment and Climate Change, Re: Application for Extension of Emergency ECA No. A482101.
16. Environmental Compliance Approval Application dated December 19, 2016, signed by Jo-Anne McCaslin, Clerk on behalf of Angela Rutley, Chief Administrative Officer, the Corporation of the Township of North Dundas.
17. Environmental Compliance Approval Application dated January 5, 2018, signed by Angela Rutley, Chief Administrative Officer, the Corporation of the Township of North Dundas.
18. Letter dated January 5, 2018, from Yannick J. Marcerou and Paul Smolkin, of Golder Associates Ltd, to the Director, Client Services and Permissions Branch, Ministry of the Environment and Climate Change, Re: 2018 Application for Extension of Emergency ECA No. A482101.
19. Letter dated January 24, 2017, from Yannick J. Marcerou and Paul Smolkin, of Golder Associates Ltd, on behalf of the Corporation of the Township of North Dundas, to the Director, Environmental Services and Permissions Branch, Ministry of the Environment and Climate Change, Re: Contingency Plan For Waste Management in the Township of North Dundas.
20. Report entitled "Addendum #2 To The Design and Operations Plan", Application for Extension of Emergency ECA, Boyne Road Landfill, Township of North Dundas, dated January 2016, prepared by Golder Associates Ltd.
21. Letter dated December 15, 2015 from Melissa I. Bunn and Paul A. Smolkin of Golder Associates Ltd. to Terri Forrester, Cornwall Area Office, Ministry of the Environment and Climate Change, Re: Response to Groundwater Review Comments on 2014 Monitoring Report For The Boyne Road Waste Disposal Site, Township of North Dundas.
22. Bound Letter dated December 17, 2018 from Yannick Marcerou and Paul Smolkin of Golder Associates Ltd. on behalf of the Township of North Dundas, to the Director, Ministry of the Environment, Conservation and Parks, Re: 2019 Application for Extension of Emergency ECA No. A482101, with the following relevant attachments:

Attachment 4 - Ontario Ministry of Natural Resources and Forestry "Land Use Permit", No. LUP1736-2, dated August 27, 2018, Re: Permit effective date September 1, 2018, Permit Termination date August 31, 2019.

Attachment 6 - Environmental Compliance Approval Application dated December 17, 2018, signed by Angela Rutley, Chief Administrative Officer, the Corporation of the Township of North Dundas, (MECP Reference No. 2057-B7ML2L).

23. Application for amendment to Environmental Compliance Approval No. A482101. Report titled "Environmental Compliance Approval Application, Administrative Amendment for the Boyne Road Landfill, Township of North Dundas, Ontario". Prepared by Golder Associates, September 2019 with the following attachments:

Attachment A - Description of Proposed Amendment;

Attachment B - Zoning Map;

Attachment C - Land Use Permit;

Attachment D - ECA Number A482101 Notice No. 10; and

Attachment E - Neighbours Notification Letter.

24. Environmental Compliance Approval Application, dated September 24, 2024 including Design and Operations Report, Boyne Road Landfill Expansion, prepared by WSP Canada Inc., dated August 2024.
25. Email dated January 14, 2025 from Yannick Marcerou, Senior Environmental/Waste Engineer, WSP Canada Inc. to Abdul Quyum, P.Eng., MECP, including Figure 1- Site Plan - Waste Diversion Activities dated January 13, 2025.

Schedule "B"

Monitoring Station	Monitoring Frequency	Monitoring Parameters
<p><u>Overburden Monitoring Wells:</u> MW1, MW4, MW5, MW9, MW13, MW16, MW17, MW19, MW06-20, MW06-21, MW07-23, MW07-24, MW07-25, MW16-1B, MW16-2, MW16-3B, MW16-3C, and MW22-B (to be installed)</p> <p><u>Leachate Monitoring Well (Screened in Waste Mound):</u> MW06-22R</p> <p><u>Bedrock Monitoring Wells:</u> BRW1-A, BRW1-B, BRW1-C, BRW2, BRW07-26, BRW15-3, BRW16-1A, BRW16-3A, and BRW22-A (to be installed)</p> <p>Water level measurements to be collected from all accessible groundwater monitoring wells in good working conditions (including those no longer part of the sampling program).</p> <p>Monitoring wells MW7, MW12, BRW3, MW15-1 and MW15-2 to be monitored until properly decommissioned as part of the site preparation work for the expansion.</p> <p>MW-22B and BRW22-A to be installed as shown in Figure 7 and described in Section 7.1 of the <i>Design and Operations Report, Boyne Road Landfill Expansion, Township of North Dundas, Ontario</i>, prepared by WSP Canada Inc., dated August 2024.</p>	Spring, Late Summer	<p><u>Field measured parameters:</u> groundwater levels at all accessible monitoring wells, temperature, conductivity, and pH</p> <p><u>Laboratory Analytical Parameters:</u> potassium, boron, iron, manganese, barium, aluminum, cadmium, chromium, cobalt, lead, zinc, TDS, alkalinity, sulphate, sodium, nitrate, chloride, BOD, DOC, ammonia, dissolved reactive phosphorous (DRP), phenols, hardness (calculated from laboratory calcium and magnesium analysis), copper and nickel; VOCs (only at MW06-22R, MW1, MW4, MW5 and MW16)</p>

Monitoring Station	Monitoring Frequency	Monitoring Parameters
<p>SW1, SW2, SW3, SW4, and SW5</p> <p>SW5 to be established following construction of the Volks Drain improvements, as shown in Figure 7 and described in Section 7.3.2 of the <i>Design and Operations Report, Boyne Road Landfill Expansion, Township of North Dundas, Ontario</i>, prepared by WSP Canada Inc., dated August 2024.</p>	<p>Spring, Late Summer, Late Fall</p>	<p><u>Field Measured Parameters:</u> temperature, conductivity, pH, dissolved oxygen and approximate flow rate</p> <p><u>Field Observations at Sampling Locations:</u> natural environment conditions, i.e., vegetation, algae growth, litter/debris</p> <p><u>Laboratory Analytical Parameters:</u> boron, iron (total and dissolved), manganese, barium, aluminum, cadmium, chromium, cobalt, lead, zinc, alkalinity, nitrate, nitrite, chloride, BOD, ammonia, total phosphorous, phenols, potassium, copper, nickel, sodium, sulphate, TDS, total suspended solids, chemical oxygen demand, DOC, total Kjeldahl nitrogen, hardness (calculated from laboratory calcium and magnesium analysis), unionized ammonia (calculated from ammonia and field temperature analysis)</p>

Schedule "C"

Buffer Zone:

- (i) Buffer Zone 1 - 30 metre wide Buffer Zone (2.64 hectares or 6.52 acres) surrounding the waste fill area on the east, west and south, located at Lot 8, Concession 6, Township of Winchester, County of Dundas, shown as Part 2 on Plan 8R-3142 dated July 22, 1991;
- (ii) Buffer Zone 2 - A 7.20 hectare (17.80 acre) parcel of land that extends 150 metres south of Buffer Zone 1, located at Lot 8, Concession 6, Winchester, Township of North Dundas, shown as Part 1 on Plan 8R-4441, dated January 7, 2002;
- (iii) Buffer Zone 3 - A 4.29 hectare (10.59 acre) parcel of land south of Buffer Zone 2, located at Lot 8, Concession 6, Winchester, Township of North Dundas, shown as Part 7 on Plan 8R-5197, dated June 15, 2011;
- (iv) Buffer Zone 4 - A 73.48 hectare (181.57 acre) parcel of land located north of Boyne Road, owned by the Corporation of the Township of North Dundas, shown on Plan 8R-5560, dated December 20, 2016, referenced as Part 1, Part of Lots 8 and 9, Concession 7, Winchester, Township of North Dundas; and
- (v) Buffer Zone 5 - 20 metre wide strip (1.42 hectares or 3.51 acres) of Boyne Road allowance across the northern side of the landfill site between Concessions 6 and 7, shown on Plan 8R-5560, dated December 20, 2016, as Part 2, Part of Lots 8 and 9, Concession 7, Winchester, Township of North Dundas.

Contamination Attenuation Zone (CAZ)

"CAZ" means Contaminant Attenuation Zone, being lands assembled for the purposes of expanding the Compliance Boundary for contaminant attenuation, and includes the following lands:

- (i) CAZ 1 - A 49.21 hectare (121.60 acre) Crown land to the north of the Site, subject to Land Use Permit, issued by the Ministry of Natural Resources and Forestry, described as Part Lot 8, Concession 7, on Plan 8R-225, deposited on July 19, 1974, Winchester, Township of North Dundas, also shown on Figure 2 contained in Item 4 of Schedule "A", attached to Notice No. 6 dated July 10, 2015.
- (ii) CAZ 2 - A 22.04 hectare (54.45 acre) parcel of land to the south and west of the landfill site, subject to Indenture, owned by Blair Hutchinson, shown on Figure 2, contained in Item 4 of Schedule "A", attached to Notice No. 6 dated July 10, 2015, located within Lot 7, Concession 6, Township of North Dundas, County of Dundas, being part of PIN 66149-0055, more particularly described as Parts 1 to 6 inclusive, on Reference Plan 8R-5197 dated June 15, 2011.
- (iii) Indenture - Contaminant Attenuation Zone Easement Agreement(s) made on October 1, 2011 and

signed on October 24, 2011, between Blair Hutchinson and the Township of North Dundas, in respect of the property defined by PIN 66149-0055, more particularly described as Parts 1 to 6 inclusive, on Reference Plan 8R-5197 dated June 15, 2011.

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

GENERAL

1. The reason for Conditions 1(1), (2), (4), (5), (6), (7), (8), (9), (10), (23), (24) and (25) is to clarify the legal rights and responsibilities of the Owner and Operator under this Approval of Approval.
2. The reasons for Condition 1(3) is 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 1(11) 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 1(12) are to restrict potential transfer or encumbrance of the Site without the approval of the Director and to ensure that any transfer of encumbrance can be made only on the basis that it will not endanger compliance with this Approval of Approval.
5. The reason for Condition 1(13) is to ensure that the successor is aware of its legal responsibilities.
6. Condition 1 (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.
7. The reason for Condition 1(22) 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. The reason for Conditions 1(14), 1(16) through 1(21), 1(26) and 1(27) is that the Part II.1 Director is an individual with authority pursuant to Section 197 of the Environmental Protection Act to require withdrawal of registration on the 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.
9. The reasons for the conditions 1(28) through 1(30) are to ensure the Design and Operations Report is maintained, up-to-date and available at the Site at all times and to ensure that any changes to the Report are done with prior approval from the Ministry.

SITE OPERATION

10. The reasons for Conditions 2(1), 2(5), 2(12) and 6(3) 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.

11. The reason for Conditions 2 (2), 2(3) and 2(4) 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.
12. The reasons for Condition 2(6) are open burning of municipal waste is unacceptable because of concerns with air emissions, smoke and other nuisance affects, and the potential fire hazard and to make sure burning of brush and wood are carried out in accordance with Ministry guidelines.
13. The reasons for Condition 2(7), 2(8) and 2(9) are to specify the hours of operation for the landfill site and a mechanism for amendment of the hours of operation, as required.
14. The reasons for Condition 2(10) and 2(11) 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.

LANDFILL DESIGN AND DEVELOPMENT

15. The reason for Conditions 3(1), 3(4) and 3(5) inclusive is to specify the approved areas from which waste may be accepted at the Site, the types and amounts of waste that may be accepted for disposal at the Site, based on the Owner's application and supporting documentation.
16. Conditions 3(2) and 3(3) are included to ensure that the site is operated in accordance with the approval application and the incoming waste is inspected by a properly trained staff to prevent hazard or nuisance to the natural environment.
17. The reasons for Condition 3(6) 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.
18. Condition 3(7) is to provide the Owner the process for getting the approval for alternative daily and intermediate cover material.
19. The reason for Condition 3(8) is to ensure the stormwater at the Site is managed in accordance with the OWRA.

LANDFILL MONITORING

20. Reasons for Condition 4(1) are 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.
21. Condition 4(2) is included to provide the groundwater and surface water limits to prevent water pollution

at the Site.

22. Conditions 4(3) and 4(4) 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.
23. Conditions 4(5), 4(6) and 4(7) are included to ensure the integrity of the groundwater monitoring network so that accurate monitoring results are achieved and the natural environment is protected.
24. Conditions 4(8) to 4(11) 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 points.
25. Conditions 4(12), 4(13) and 4(14) are included to streamline the approval of the changes to the monitoring plan.

EMPLOYEE TRAINING

26. The reason for Condition 5 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.

COMPLAINTS RESPONSE PROCEDURE

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

EMERGENCY RESPONSE

28. Conditions in Condition 7 are included to ensure that emergency situations are reported to the Ministry to ensure public health and safety and environmental protection, and 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.

RECORD KEEPING AND REPORTING

29. The reason for Conditions 8(1) and 8(2) is to ensure that accurate waste records are maintained to ensure compliance with the conditions in this Approval of Approval (such as fill rate, site capacity, record keeping, annual reporting), the EPA and its regulations.
30. The reason for Conditions 8(3), 8(4) and 8(5) is to ensure that detailed records of Site inspections are recorded and maintained for inspection and information purposes.
31. The reasons for Conditions 8(6) and 8(7) 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

32. The reasons for Condition 9 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.

TRANSFER STATION

33. Condition 10 is included to ensure that the recyclable materials 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.

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). A482101 issued on December 4, 1989

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.olt.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 19th day of February, 2025



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

AQ/

c: Area Manager, MECP Cornwall

c: District Manager, MECP Ottawa

Yannick Marcerou, WSP Canada Inc.