



REPORT

Environmental Assessment Compliance Monitoring Program and 2024 Environmental Assessment Compliance Monitoring Report

Boyne Road Landfill, Township of North Dundas, Ontario

EA File #03-08-02 (18056)

Submitted to:

Ministry of the Environment, Conservation and Parks

Environmental Assessment Branch
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario

Submitted by:

WSP Canada Inc.

1931 Robertson Road Ottawa, Ontario K2H 5B7 Canada

1 613-592-9600

CA0026986.0581-5000

March 2025

Distribution List

1 hardcopy + 1 e-copy - Ministry of the Environment, Conservation and Parks, Environmental Approvals Branch
Director

1 e-copy - Township of North Dundas

1 e-copy - WSP Canada Inc.

Table of Contents

1.0 INTRODUCTION 1

1.1 Purpose 1

1.2 Report Organization 1

1.3 Proponent’s Contact Information..... 2

1.4 Overview of 2024 Site Activities..... 2

1.4.1 Environmental Compliance Approval..... 2

1.4.2 2024 Site Operations and Environmental Compliance Assessment 3

2.0 EA CONDITIONS OF APPROVAL 4

2.1 EA Conditions Not Yet Started..... 4

2.2 EA Conditions in Progress 4

2.3 Completed EA Conditions..... 5

3.0 PHYSICAL WORKS AND MITIGATION MEASURES..... 5

3.1 Commitments Not Yet Started 5

3.2 Commitments in Progress..... 5

3.3 Completed Commitments..... 6

4.0 ADDITIONAL STUDIES, APPROVALS AND ADMINISTRATIVE WORK 6

4.1 Commitments Not Yet Started 6

4.2 Commitments in Progress..... 6

4.3 Completed Commitments..... 6

5.0 PUBLIC CONSULTATION 7

6.0 ENVIRONMENTAL MONITORING PROGRAM ACTIVITIES..... 7

7.0 COMPLIANCE STATUS..... 7

8.0 LIMITATIONS AND USE OF REPORT 8

TABLES

Table 1 – Completion Status of EA Conditions

Table 2 – Compliance Monitoring of Physical Works and Mitigation Measures

Table 3 – Compliance Monitoring of Additional Studies, Approvals and Work

Table 4 – Compliance Monitoring of Public Consultation

Table 5 – Compliance Monitoring of Environmental Monitoring Activities

APPENDICES**APPENDIX A**

Notice of Approval to Proceed with a Part II.3 Project

APPENDIX B

Environmental Compliance Approval Number A482101

APPENDIX C

Complaints Protocol - Boyne Road Landfill Site

APPENDIX D

Notice of ECA Applications to Neighbours and Indigenous Communities

1.0 INTRODUCTION

1.1 Purpose

The Township of North Dundas (herein referred to as “the Township”) prepared an Environmental Assessment Study Report (EASR) for the Environmental Assessment (EA) for the Township’s Waste Management Plan for a 25-year planning period (dated December 2022, revised February 2023). The preferred long-term waste management alternative identified in the EASR was the expansion of the existing Boyne Road Landfill (the Site), owned and operated by the Township, located along Boyne Road approximately 1.5 kilometres east of the former Village of Winchester.

The Township received approval from the Minister of the Environment, Conservation and Parks (MECP) under the *Environmental Assessment Act* (EAA) for expansion of the Site with the issuance of the Notice of Approval to Proceed with a Part II.3 Project (the Notice) dated March 21, 2024 (provided in APPENDIX A of this report).

This document, referred to as the Environmental Assessment Compliance Monitoring Program (EACMP), is intended to fulfill EA Condition 4.1 of the Notice, which requires the Township to submit to the Director an EACMP.

It also serves as the first annual monitoring report and is intended to fulfill EA Condition 5.1 of the Notice, which requires the Township to prepare and submit to the Director for review annual EA Compliance Monitoring Reports (EACMR) outlining the results of the program. This EACMR reports on the status of the conditions included in the EA or commitments by the Town during the EA process. Its framework and tables serve as the proposed program for planned monitoring activities related to compliance with EA Conditions (Table 1), as well as commitments presented in the EASR to implementing mitigation measures (Table 2), to complete additional studies (Table 3), to communicate to the public (Table 4), and to monitor potential environmental impacts from the landfill (Table 5).

This report addresses the period from March 21, 2024, to March 20, 2025. To fulfill Condition 5, the Tables have been populated with the status for each line item at the end of this period (referred to as 2024 Status). It is proposed to have future EACMR cover the previous calendar year period and coordinate their submission with the Annual Monitoring Report submitted annually by March 31, with the second EACMR covering the calendar year 2025 (January 1, 2025, to December 31, 2025) to be submitted by March 31, 2026. To evaluate compliance with the EACMP, it is proposed to have those tables updated in the annual EACMRs to be submitted until it is no longer required (as defined in EA Condition 5.3).

The MECP’s Environmental Approval Branch (EAB) file number for this project is EA-03-08-02 (18056).

1.2 Report Organization

- **Introduction** – provides an overview of the purpose, context of submission and structure of the report, as well as the proponent’s contact information and an overview of significant activities at the Site during the reporting period.
- **EA Conditions of Approval** – the conditions of EA approval contained in the Notice are listed in Table 1, and the Township’s progress in meeting these conditions is described for the period covered by the corresponding EACMR.
- **Physical Works and Mitigation Measures** – during the EA, the Township made commitments to mitigation measures, which were listed in Table 18-2 of the EASR (Volume 1). These commitments are listed in Table 2

of this report, and the Township's progress on their implementations is assessed for the period covered by the corresponding EACMR.

- **Additional Studies, Approvals and Administrative Work** – during the EA, the Township made commitments to complete additional studies and seek additional approvals, which were listed in Section 17.0 and Table 18-2 of the EASR. These commitments are listed in Table 3 of this report, and the Township's progress in meeting these requirements is assessed for the period covered by the corresponding EACMR.
- **Public Consultation** – during the EA, the Township made commitments to continue to communicate with the public, which are listed in Table 18-2 of the EASR. The commitments are listed in Table 4 of this report, and the Township's progress in meeting these requirements is assessed for the period covered by the corresponding EACMR.
- **Environmental Monitoring Activities** – during the EA, the Township made a commitment to monitor potential landfill leachate-related impacts to groundwater and surface water quality (Section 6.1 of the EASR), as well as the effluent of the stormwater management pond. A summary of the status of this commitment is provided in Table 5.
- **Compliance Status** – the final section of the report summarizes the findings (2024 Status) in Tables 1 through 5 and provides concluding remarks on the overall status of compliance with EA Conditions and EASR Commitments. Potential non-compliance issues for the period covered by the corresponding EACMR, if any, would be discussed in this section.

1.3 Proponent's Contact Information

The contact information for the Township is as follows:

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

1.4 Overview of 2024 Site Activities

1.4.1 Environmental Compliance Approval

The Site has been operating as a licensed landfill facility since 1965. The Site currently operates under Environmental Compliance Approval (ECA) No. A482101, originally issued on December 4, 1989, and amended thereafter on several occasions, including on September 5, 1995, to allow the Site to accept waste from the Village of Chesterville, in addition to waste from the Village of Winchester and the Township of Winchester. Following municipal amalgamation in 2002, the Site service area was later updated to authorize waste generated from the Township (which includes the Village of Chesterville, the Village of Winchester, the former Township of Winchester, and the former Township of Mountain). The ECA was amended on October 2, 1995, to allow the Township to operate a municipal waste recycling facility at the Site. The ECA was again amended on September 18, 1996, to allow the establishment and operation of a household hazardous waste transfer facility at the Site.

An ECA amendment application was prepared in 2013 to recognize the Site Design and Operations Report (D&O), include all lands used for contamination attenuation purposes on the Site ECA, and allow the Site to receive, and subsequently transfer, waste electronic and electrical equipment (WEEE).

In 2014 it was determined that the Site had exceeded its approved capacity and was in an overfill situation. An emergency approval to continue landfilling until January 31, 2016, at the Site was provided by the MECP in Notices 5 and 6 of the Site ECA (dated June 8 and July 10, 2015, respectively). This ECA amendment also authorized the collection and transfer of WEEE at the Site and recognized land to be used for contamination attenuation purposes.

During the emergency period in 2015, the Township completed an evaluation of long-term waste management alternatives to address the overfill situation at the Site. Based on the findings of this evaluation and the discussion between Council and representatives from WSP Canada Inc. (WSP), the Township Council voted to authorize and direct Township staff to pursue approval to expand the Site. The EA process for the Township's long-term waste management plan commenced in 2016, and the EASR was submitted on February 2, 2023, with the preferred alternative identified as expansion of the Boyne Road landfill. As mentioned in Section 1.1, the Notice of Approval to Proceed dated March 21, 2024, granted EA approval for the Township's Waste Management Plan (refer to APPENDIX A of this report).

Several ECA amendments were issued to authorize continued landfilling while the Township was working through the lengthy EA process. On January 14, 2020, the Site ECA was amended by the MECP with Notice No.11 to authorize continued landfilling at the Site until the final waste contours are achieved as described in the 2013 Design and Operations Report (Golder, 2013).

The ECA and amending notices are included in APPENDIX B.

The Township applied for an amendment to its waste ECA No. A482101 on October 8, 2024, to approve the landfill expansion and the corresponding D&O. A new ECA No. A482101 was subsequently issued by the MECP on February 19, 2025, approving the landfill expansion and superseding all previous versions of the ECA. A copy of this new ECA is provided in APPENDIX B.

The Site is licensed under this new ECA for the disposal of solid non-hazardous municipal waste as defined under Ontario Regulation (O. Reg.) 347/90. The approved landfilling area of the Site is 11.9 hectares (ha) within a total Site area of 113.3 ha.

1.4.2 2024 Site Operations and Environmental Compliance Assessment

Waste filling activities during 2024 occurred in the southeastern and western portion of the landfill. No final cover was applied in 2024. The estimated fill (waste and cover material) rate in 2024 was approximately 6,100 cubic metres. The calculated 2024 fill rate is lower than typical historical fill rates due to material reclamation efforts by landfill staff in 2024. Similar reclamation efforts also occurred in 2023. An area underlain by sand (presumed to have been a previous access road or stockpile) was removed from the existing waste profile and replaced with incoming waste. The excavated sand material has been retained on-Site for use as periodic cover.

A portion of the landfill leachate plume extends to the north of Boyne Road onto property owned by the Ministry of Natural Resources (MNR). In 2015, a Land Use Permit was negotiated between the Township and the MNR for parts of their property (for a total area of 49.21 ha, within Parts 1 and 2 of Plan 8R – 225) for contaminant attenuation purposes. This land is referred to as Contamination Attenuation Zone (CAZ) 1 in Schedule "C" of the current ECA. A new Land Use Permit (LUP) is acquired by the Township annually through the MNR. The current permit (KEKI-2024-PLA-00103-LUP-001), dated August 29, 2024, was negotiated by the Township and is valid until August 31, 2029. The Township will continue to maintain a valid LUP in future years in compliance with the Site ECA. A contaminant attenuation zone groundwater easement agreement is also in place for a 22.04 ha

parcel of land south and west of the Site (Parts 1 to 6 of Plan 8R – 5197, referred to as CAZ 2 in Schedule “C” of the ECA).

During 2024, the Site is interpreted to be in compliance with the MECP Guideline B-7 Reasonable Use Performance Objectives. During 2024, surface water quality in the municipal drainage ditch (Volks Municipal Drain) located north of Boyne Road opposite the Site frontage is interpreted to have been impacted by landfill leachate to have not been in compliance with MECP Provincial Water Quality Objectives (Policy 2) during portions of the 2024 monitoring sessions. In Table 18-2 of the EASR (Item Q) and in the landfill expansion design, it was proposed by the Township to modify approximately 590 metres of the length of Volks Municipal Drain opposite the Site frontage. This modification would isolate and convey surface water past the landfill site from upstream (west) to downstream (east) and prevent potential seepage of leachate-impacted groundwater into the surface water in the ditch. The leachate-impacted groundwater would continue northward as groundwater flows into the landfill buffer zone located north of Boyne Road and the approved CAZ 1. The proposed design was submitted for approval to the MECP Environmental Permissions Branch on November 22, 2024, in the Stormwater Management Report for the Site expansion (*Ontario Water Resources Act* ECA application reference number 4425-DBCKG3). Review of the OWRA ECA application is in progress.

Additional information on Site operations and environmental performance will be provided in the report on the environmental monitoring program completed in 2024 at the Site.

2.0 EA CONDITIONS OF APPROVAL

The conditions listed in the 2024 EA Notice of Approval and their status as of the end of the reporting period are summarized in Table 1.

2.1 EA Conditions Not Yet Started

Some EA Conditions state the permissions afforded to the Director related to the EA. The Township has not been contacted to take any action related to these conditions, so the statuses of these conditions are considered to not be applicable at this time. Details regarding the requirements of each condition and their respective implementation schedule are provided in Table 1.

EA Condition 7.1 requires the project to be substantially commenced within 10 years, or the approval expires. The project was not substantially commenced in 2024. The Site may reach the current approved capacity in 2025, and the Township plans to continue landfilling in Phase 1 of the approved landfill expansion, expanding vertically above the previously approved top of waste contours within an area limited to the southern half of the current waste footprint. In 2025, the Township plans to clear land south of the current waste footprint, construct the first section of the expansion base pad for Phase 2 of the expansion, and construct the proposed modifications to Volks Drain (subject to authorizations received from the different regulatory bodies).

Thus, the Township is planning to substantially commence the project in 2025, which will then fulfill Condition 7.1

2.2 EA Conditions in Progress

A number of conditions detail operational requirements that are ongoing throughout the operational life of the Site. These conditions are considered to be in progress or plans have been initiated to address these conditions in the near future. Details regarding the requirements of each EA Condition and their respective implementation schedule are provided in Table 1.

2.3 Completed EA Conditions

Between March 21, 2024, and March 20, 2025, a number of EA conditions were completed:

- Condition 4.1 to 4.4, which pertain to preparing and submitting an EACMP
- Conditions 6.1 and 6.2, which pertain to the Complaints Protocol (see APPENDIX C)

Table 1 contains details regarding the date of completion and condition stipulations.

A description of how the Township will ensure compliance with the EACMP is provided below, to fulfill EA Condition 4.3.

Throughout the operation of the landfill, the Township will monitor compliance with this program and document it in the EACMR. The Township shall prepare annually an EACMR to be submitted to the Director documenting the status on EA Conditions and Commitments (not yet started, in progress, or completed). The tables of the EACMR will follow the template provided in this report and will include the implementation schedule of each EA Condition and Commitment. Where possible, the Township will provide proof of compliance with those EA Conditions or Commitments in the corresponding EACMR. Copies of this EACMP and subsequent EACMRs will be made available to the public on the Township website. Copies of the annual environmental monitoring and operations report will continue to be submitted to the MECF District Office for review and will be made available to the public on demand. The Township is working to obtain all necessary permits and authorizations required to complete this project and will retain records of these additional studies and permits throughout the life of the landfill.

3.0 PHYSICAL WORKS AND MITIGATION MEASURES

All mitigation measures discussed in the EASR, which are now considered commitments, and their status as of the reporting period, are summarized in Table 2. As per Table 18-2 of the EASR, the environmental components subject to potential negative impact from this undertaking are as follows: atmosphere, geology and hydrogeology, surface water, biology, cultural heritage resources, land use planning, socio-economic, and design and operations. Mitigation measures for some of these areas of potential negative impact are discussed in Sections 4.0, 5.0, and 6.0.

3.1 Commitments Not Yet Started

Some physical works and mitigation measures commitments have not yet been started in the areas of biology and socio-economic as they are scheduled to be implemented during the construction of stormwater features and construction of the expansion pad for the horizontal component of the landfill expansion (subject to receiving all the necessary approvals). Details regarding the implementation schedule and the status of each commitment for physical works and mitigation measures are provided in Table 2.

3.2 Commitments in Progress

Mitigation measures related to the atmospheric impacts and waste diversion detail operational requirements that are ongoing throughout the operational life of the landfill. These measures can all be considered in progress. Details regarding the requirements of each commitment and their respective implementation schedule are provided in Table 2.

3.3 Completed Commitments

No physical works and mitigation measures commitments were completed between March 21, 2024, and March 20, 2025.

4.0 ADDITIONAL STUDIES, APPROVALS AND ADMINISTRATIVE WORK

Additional studies, approvals, and administrative work are required to proceed with the construction of the undertaking and control potential negative impacts to the components listed in Section 3.0.

4.1 Commitments Not Yet Started

Numerous additional studies, approvals, and administrative work commitments have not yet been started for some of the biological components, as well as the cultural heritage resources and land use planning components, as they are scheduled to be completed either in 2025 prior to or during construction of the expansion base pad and stormwater management features. The commitments related to the geological and hydrogeological components, which pertain to obtaining control over additional CAZ, have not started and the timing will be informed by the groundwater monitoring program results. Details regarding the requirements of each commitment are provided in Table 3.

4.2 Commitments in Progress

Applications have been submitted for the following approvals, which are to be obtained prior to development of the approved expansion area:

- *Environmental Protection Act (EPA)*, Section 27 Approval, Waste Disposal Site (ECA Number A482101, application submitted on October 8, 2024); and
- *Ontario Water Resources Act (OWRA)*, Section 53 Approval, Stormwater Management (application submitted on November 22, 2024).

ECA Number A482101 for the landfill expansion was issued on February 19, 2025 (refer to APPENDIX B) and supersedes all previous versions of this ECA. The approved D&O (Item 24 of ECA Schedule “A”) addresses a number of the Commitments related to biology as well as Design and Operations, which are also considered to be in progress.

As part of the OWRA ECA application package, a Stormwater Management Report was submitted that addressed a number of the EA Commitments related to surface water. These Commitments are considered to be in progress as Ministry approval of the application has not been received yet.

A summary of the above-referenced studies, approvals, and administrative work and their status for the 2024 reporting period is provided in Table 3.

4.3 Completed Commitments

The waste ECA for the landfill expansion was issued on February 19, 2025, as mentioned above, and one surface water commitment was therefore completed with its issuance. Two commitments related to the biological component were also completed before the end of the current reporting period, as well as one commitment for Design and Operations.

5.0 PUBLIC CONSULTATION

The only EA Commitment made in the EASR was for the preparation of a Complaints Protocol. The Township submitted a Complaints Protocol as Appendix I of the approved D&O. It is now part of Item 24 of ECA Number A482101 Schedule “A” and this commitment is considered to be completed.

Complaints are generally collected through a form on the Township’s website. Informal complaints made through other channels are also logged by the Township, and all complaints are investigated and reported to the MECP.

No complaints related to landfill operations were received in 2024 by the Township.

The Township notified owners of properties neighbouring the landfill, as well as Indigenous Communities with whom the Township consulted during the EA process, prior to the submission of the Waste ECA Amendment application and the Sewage Works ECA application (refer to APPENDIX D).

6.0 ENVIRONMENTAL MONITORING PROGRAM ACTIVITIES

In Section 6.1 of the Amended EA, the Township committed to ensure that potential impacts from landfill leachate to groundwater and surface water quality are monitored. This commitment is in progress and is expected to be in place throughout the operation of the landfill and post-closure. Table 5 documents this commitment, its implementation schedule as well as its status during the reporting period.

The environmental monitoring program in 2024 was completed in general accordance with Condition 5.1 of the ECA issued in July 2010. The monitoring program for the landfill expansion was approved with the issuance of the new ECA on February 19, 2025. The Township will implement this program in 2025 in accordance with ECA A482101 Condition 4 (3) and Schedule “B”.

The stormwater monitoring program will be implemented once the stormwater management pond is approved with the issuance by the MECP of a Sewage Works ECA and is constructed and commissioned.

7.0 COMPLIANCE STATUS

The Minister listed twenty-nine (29) EA Conditions in the Notice of Approval to Proceed with the Undertaking, dated March 21, 2024, which are listed in Table 1. Twelve (12) of these conditions are in progress. Many of the conditions are operational stipulations which will continue throughout the operational life of the landfill. Eleven (11) EA Conditions are yet to be started as they are not applicable at this time. Six (6) EA Conditions are interpreted to be completed.

The Township made a total of nine (9) commitments to physical works and mitigation measures during the EA, as listed in Table 2. Of these commitments, six (6) were initiated during the reporting period and are in progress, and the other three (3) have not yet started and are generally intended to be addressed shortly before or during construction of the stormwater features or the expansion pad for the horizontal component of the landfill expansion.

The Township made a total of nineteen (19) commitments related to additional studies, approvals and administrative Work during the EA, as listed in Table 3. Of these commitments, four (4) were completed, nine (9) were initiated, and the remaining six (6) are generally intended to be addressed shortly before or during the expansion activities.

No complaints were received at the Site in 2024.

The commitment to implement environmental monitoring and reporting program is in progress with regard to landfill leachate impacts to groundwater and surface water, in compliance with ECA Number A482101 Condition 4 (3) and Schedule “B”. The stormwater management pond monitoring program has not started yet and will be initiated after permitting, construction and commissioning of the facility.

No non-compliance with EA Conditions or Commitments was identified during the reporting period. Therefore, in 2024, the Site was interpreted to be in compliance with the EA conditions listed by the MECP in the Notice of Approval to Proceed with the Undertaking, dated March 21, 2024, and commitments made by the Township in the EASR.

8.0 LIMITATIONS AND USE OF REPORT

WSP Canada Inc. (“WSP”) prepared this report solely for the use of the intended recipients, the Township of North Dundas as well as the Director of the Ministry of the Environment, Conservation and Parks Environmental Approvals Branch.

The report is intended to be used in its entirety, including the attached Tables and Appendices. No excerpts may be taken to be representative of the findings in the assessment.

The conclusions presented in this report are based on work performed by trained, professional and technical staff, in accordance with their reasonable interpretation of current and accepted engineering and scientific practices at the time the work was performed.

The content and opinions contained in the present report are based on the observations and/or information available to WSP at the time of preparation, using investigation techniques and engineering analysis methods consistent with those ordinarily exercised by WSP and other engineering/scientific practitioners working under similar conditions, and subject to the same time, financial and physical constraints applicable to this project.

WSP disclaims any obligation to update this report if, after the date of this report, any conditions appear to differ significantly from those presented in this report; however, WSP reserves the right to amend or supplement this report based on additional information, documentation or evidence.

WSP makes no other representations whatsoever concerning the legal significance of its findings.

The intended recipients are solely responsible for the disclosure of any information contained in this report. If a third party makes use of, relies on, or makes decisions in accordance with this report, said third party is solely responsible for such use, reliance or decisions. WSP does not accept responsibility for damages, if any, suffered by any third party as a result of decisions made or actions taken by said third party based on this report.

WSP has provided services to the Township of North Dundas in accordance with the professional services agreement between the parties and in a manner consistent with that degree of care, skill and diligence normally provided by members of the same profession performing the same or comparable services in respect of projects of a similar nature in similar circumstances. It is understood and agreed by WSP and the recipients of this report that WSP provides no warranty, express or implied, of any kind. Without limiting the generality of the foregoing, it is agreed and understood by WSP and the recipients of this report that WSP makes no representation or warranty whatsoever as to the sufficiency of its scope of work for the purpose sought by the recipients of this report.

In preparing this report, WSP has relied in good faith on information provided by others, as noted in the report. WSP has reasonably assumed that the information provided is correct and WSP is not responsible for the accuracy or completeness of such information.

Electronic media is susceptible to modification, deterioration and incompatibility. In the event that data or reports provided by WSP Canada Inc. are distributed and/or electronically posted, WSP Canada Inc. does not warrant, guarantee, or make any representations regarding the use of, or results in terms of correctness, accuracy, reliability or current conditions. No express or implied warranty or fitness for a particular use is made. Any use of the electronic information will be at the sole risk of the party making use of this information.

This limitations statement is considered an integral part of this report.

Signature Page

WSP Canada Inc.



Rebecca Wilson, B.A.Sc.
Environmental Consultant

RMW/YJM/PAS/kdv



Yannick Marcerou, M.Eng., P.Eng.
Senior Environmental Engineer



[https://wsponlinecan.sharepoint.com/sites/ca-ca00269860581/shared documents/06. deliverables/task 5000_boyne eacmr 2024/ca0026986.0581-5000 - boyne eacmr - march 2025.docx](https://wsponlinecan.sharepoint.com/sites/ca-ca00269860581/shared%20documents/06.%20deliverables/task%205000_boyne%20eacmr%202024/ca0026986.0581-5000-boyne%20eacmr-march%202025.docx)

Tables

Table 1 – Completion Status of EA Conditions

Conditions of Approval	Implementation Schedule	2024 Status
Conditions 2 – General Requirements		
2.1 The proponent shall implement the Project in accordance with the environmental assessment which is hereby incorporated into this Notice of Approval by reference, except as provided in the conditions of this Notice of Approval and as provided in any other approval or permit that may be issued for the Project.	Throughout the operation of the landfill.	<u>In Progress</u>
2.2 The proponent shall fulfill any commitments made during the environmental assessment process.	Throughout the operation of the landfill.	<u>In Progress</u>
2.3 Should the proponent wish to make changes to any document required by these conditions after the document has been accepted or approved by the ministry, the proponent shall obtain written approval for the proposed change from the ministry decision-maker in the condition requiring the document.	Throughout the operation of the landfill.	<u>Not Yet Started</u> (Not applicable at this time)
2.4 For any document required by these conditions to be prepared, submitted and/or posted publicly by the proponent, the Director may provide written notice to the proponent they need no longer prepare, submit and/or post the document.	Throughout the operation of the landfill.	<u>Not Yet Started</u> (Not applicable at this time)
2.5 For any program or plan required by these conditions to be developed or implemented, the Director may provide written notice to the proponent that the program or plan no longer need be developed or implemented.	Throughout the operation of the landfill.	<u>Not Yet Started</u> (Not applicable at this time)

Table 1 – Completion Status of EA Conditions

Conditions of Approval	Implementation Schedule	2024 Status
2.6 The Director may change a deadline provided for in a condition in this notice of approval where the Director determines it is appropriate to do so and it is consistent with the purpose of the Act. Any such change must be made in writing by the Director.	Throughout the operation of the landfill.	<u>Not Yet Started</u> (Not applicable at this time)
2.7 More restrictive conditions may be imposed under other statutes.	Throughout the operation of the landfill.	<u>Not Yet Started</u> (Not applicable at this time)
Conditions 3 – Public Record		
3.1 Where a document is required for the public record, the proponent shall post the document on the proponent's website and shall provide a hardcopy and electronic copy to the Director.	Throughout the operation of the landfill.	<u>In Progress</u> Copies of this submission (hardcopy and electronic) will be provided to the Director. An electronic copy will be made available to the public on the Township's website. The waste ECA amendment application was submitted electronically to the Director on October 8, 2024, and was made available to the public on two webpages of the Township's website: <ul style="list-style-type: none"> ■ https://www.northdundas.com/municipal-services/landfill-and-recycling ■ https://letsconnect.northdundas.com/projects/waste-management-plan-ea

Table 1 – Completion Status of EA Conditions

Conditions of Approval	Implementation Schedule	2024 Status
3.2 The environmental assessment file number 03-08-02 (18056) shall be quoted on all documents in any form submitted to the ministry pursuant to this Notice of Approval.	Throughout the operation of the landfill.	<u>In Progress</u> The EA file number is provided on the cover of this report and all subsequent EACMR to be submitted to the Director.
3.3 The proponent shall clearly identify on each document the condition of approval pursuant to which the document is being submitted.	Throughout the operation of the landfill.	<u>In Progress</u> Section 1.1 of this report identifies that it was prepared to fulfill EA Conditions 4.1 and 5.1. Subsequent EACMRs will identify that they are prepared to fulfill EA Condition 5.1.
Conditions 4 – Compliance Monitoring Program		
4.1 The proponent shall prepare and submit to the Director for approval and for the public record a program.	One year from the date of approval for the undertaking	<u>Completed</u> This report was prepared and submitted to fulfill this EA Condition. An electronic copy of this report will be made available to the public on the Township's website.
4.2 The program shall be submitted to the Director within one year from the Date of Approval.	One year from the date of approval for the undertaking	<u>Completed</u>
4.3 The program shall include a description of how the proponent will: a) ensure the Project is implemented in accordance with the environmental assessment, including mitigation measures, public consultation, and additional studies and work to be carried out;	One year from the date of approval for the undertaking	<u>Completed</u> Refer to Section 2.3 of this report.

Table 1 – Completion Status of EA Conditions

Conditions of Approval	Implementation Schedule	2024 Status
b) monitor compliance with the conditions in this Notice of Approval; and c) ensure all commitments made in the environmental assessment, including with respect to mitigation measures, public consultation, and additional studies and work to be carried out are fulfilled.		
4.4 The program shall include an implementation schedule for planned monitoring activities.	One year from the date of approval for the undertaking	<u>Completed</u> Tables 1 to 5 of this report include the proposed implementation schedule for planned monitoring activities.
4.5 The Director may require the proponent to amend the program at any time and shall provide notice of the required amendment and deadline for completion in writing to the proponent.	Throughout the operation of the landfill.	<u>Not Yet Started</u> (Not applicable at this time)
4.6 The proponent shall submit the amended program to the Director by the deadline specified in the notice.	Throughout the operation of the landfill.	<u>Not Yet Started</u> (Not applicable at this time)
4.7 The proponent shall implement the program, including any amendments to it.	Throughout the operation of the landfill.	<u>In Progress</u>
Conditions 5 – Compliance Reporting		
5.1 The proponent shall prepare an annual compliance report outlining the results of the program (Condition 4).	Throughout the operation of the landfill.	<u>In Progress</u> This report serves as the initial EACMR, providing 2024 Status (for the period March 21, 2024, to March 20, 2025) on the EA

Table 1 – Completion Status of EA Conditions

Conditions of Approval	Implementation Schedule	2024 Status
		Conditions and Commitments listed in Tables 1 to 5.
5.2 The first compliance report shall be submitted to the Director for review and for the public record one year following the Date of Approval. Each subsequent annual compliance report shall be submitted to the ministry for review and for the public record on the date that is the anniversary of the Date of Approval thereafter. Each report shall cover the period since the last report.	Throughout the operation of the landfill.	<p><u>In Progress</u></p> <p>The first EACMR is for the period of one year following the date of approval for the undertaking (March 21, 2024, to March 20, 2025).</p> <p>The EACMP proposes that subsequent EACMRs will cover the previous calendar year (the second EACMR will cover the period January 1, 2025, to December 31, 2025) and will be submitted by March 31 of each year, until no longer required.</p>
5.3 Compliance reports are no longer required to be submitted following the earlier of: (i) all conditions in this Notice of Approval being satisfied, or (ii) the Director giving notice pursuant to Condition 2.3.	Until no longer required as defined in EA Condition 5.3.	<p><u>Not Yet Started</u></p> <p>(Not applicable at this time)</p>
5.4 The proponent shall notify the Director in writing when the final annual compliance report is being submitted. The ministry will confirm that the requirements in Conditions 5.1-5.3 have been met and the Director will provide written confirmation to the proponent.	To be provided in the final EACMR.	<p><u>Not Yet Started</u></p> <p>(Not applicable at this time)</p>
5.5 The proponent shall retain, either in the proponent's office or in another location approved by the Director, copies of each annual compliance report and any	Until no longer required as defined in EA Condition 5.3.	<p><u>In Progress</u></p>

Table 1 – Completion Status of EA Conditions

Conditions of Approval	Implementation Schedule	2024 Status
associated documentation of compliance monitoring activities. The proponent shall post the annual compliance report for each reporting year on its website.		The Township will have a copy (electronic or hardcopy) of the EACMR available at its office and will make them available to the public on the Township website.
5.6 The proponent shall make the compliance reports and associated documentation available to the Director or designate in a timely manner when requested to do so by the ministry.	Throughout the operation of the landfill.	<u>In Progress</u>
Conditions 6 – Complaint Protocol		
6.1 The proponent shall prepare and implement a complaint protocol for addressing inquiries and complaints related to the Project. The complaint protocol shall include a procedure for notifying the manager of the ministry's Ottawa District Office of any complaints received by the proponent.	Throughout the operation of the landfill.	<u>Completed</u> The complaints protocol is included in Appendix C of this report and in the Site's Design and Operations Report (D&O). According to the complaints protocol, the Township is to provide a summary of the complaint, the findings of the investigation of the complaint and any corrective actions taken to the District Manager of the MECP Ottawa District Office.
6.2 The proponent shall submit the complaint protocol to the Director for approval and for the public record at least 90 days before the start of construction.	Throughout the operation of the landfill.	<u>Completed</u> A copy of the protocol is provided in Appendix C of this report. The waste ECA amendment application and updated D&O (with the Complaints Protocol) were also submitted to the MECP on October 8,

Table 1 – Completion Status of EA Conditions

Conditions of Approval	Implementation Schedule	2024 Status
		2024. It was approved as Item 24 of ECA Number A482101 Schedule “A”.
6.3 The Director may require the proponent to amend the complaint protocol at any time and shall provide notice of the required amendment and deadline for completion in writing to the proponent. The proponent shall submit an amended complaint protocol to the Director by the deadline specified in the notice.	Throughout the operation of the landfill.	<u>Not Yet Started</u> (Not applicable at this time)
6.4 The proponent shall implement the complaint protocol and any amendments to it.	Throughout the operation of the landfill.	<u>In Progress</u>
6.5 The proponent shall include a summary of the complaints received and how they were addressed in each of the annual compliance reports required by Condition 5.	Throughout the operation of the landfill.	<u>In Progress</u> No complaint pertaining to landfill operations was received by the Township in 2024.
Conditions 7 – Duration of Approval		
7.1 If the Project has not been substantially commenced within 10 years of the Date of Approval or by the end of any extension to that period granted by the ministry in writing, this approval expires.	Throughout the operation of the landfill.	<u>Not Yet Started</u> The Township is planning to substantially commence the project in 2025.

Table 2 – EA Compliance Monitoring of Physical Works and Mitigation Measures

Commitment (Reference in the EASR)	Implementation Schedule	2024 Status
Waste Diversion		
<p>The Township commits to implement the practices set out in the Waste Diversion Study.</p> <p>(EASR – Volume 3 Appendix J, listed in Table 18-2 as Item B)</p>	Throughout the operation of the landfill.	<p><u>In Progress</u></p> <p>Section 6.0 of the approved Design and Operations Report (D&O) indicates that as of January 1, 2025, the Site stopped accepting recyclable materials at the Site's Material Recycling Facility.</p> <p>Section 6.0 of the D&O also indicates that wood and brush are currently being accepted and ground for use as alternative daily cover. Leaf and yard compost program is not in place yet.</p>
Atmosphere		
<p>The Township will operate the active disposal area with approx. 200 m² maximum working face and will apply daily cover of the waste.</p> <p>(EASR – Section 13.1.1.7, listed in Table 18-2 as item C)</p>	Throughout the operation of the landfill.	<p><u>In Progress</u></p> <p>Periodic cover is used at the Site in compliance with ECA Condition 3 (6).</p>
<p>Landfill areas will be capped progressively as cells are completed</p> <p>(EASR – Section 13.1.1.7, listed in Table 18-2 as item D)</p>	Throughout the operation of the landfill.	<p><u>In Progress</u></p> <p>Section 4.7 of the approved D&O indicates that the landfill will be progressively closed after the final waste contours have been reached and the landfill operations have proceeded into the next Phase of the landfill expansion.</p>

Table 2 – EA Compliance Monitoring of Physical Works and Mitigation Measures

Commitment (Reference in the EASR)	Implementation Schedule	2024 Status
Township will implement dust mitigation measures related to vehicles. (EASR – Section 13.1.1.7, listed in Table 18-2 as item E)	Throughout the operation of the landfill.	<u>In Progress</u> Section 6.10.2 of the approved D&O indicates that on-Site roads shall be routinely maintained, speed limit will be posted of 20 km/h on unpaved roads, and dust suppressants are applied as needed.
The Township will implement best management practices to control potential off-site noise effects. (EASR - Section 13.1.2.4, listed in Table 18-2 as item F)	Throughout the operation of the landfill.	<u>In Progress</u> Section 6.10.4 of the approved D&O Report lists best management practices to reduce the nuisances associated with excessive noise.
Biology		
Clearing of vegetation should take place outside of the breeding bird nesting period (April 1 – August 31). If clearing must occur during this time, a nest survey must be performed by a qualified biologist within 24 hours prior to the proposed works. (EASR – Section 13.4, listed in Table 18-2 as item M)	During the construction of the horizontal expansion area and any future vegetation clearing activities at the Site	<u>In Progress</u> The Township planned to clear vegetation over the approved horizontal expansion area before March 31, 2025, outside of the nesting period.
Complete in-water work/mitigation measures between June 29 and March 14 to avoid adverse aquatic effects. (EASR – Section 13.4, listed in Table 18-2 as item S)	During construction of water works and throughout the operation of the landfill.	<u>Not Yet Started</u> The Township is currently planning in-water work/mitigation in 2025 (subject to ECA and other permits).

Table 2 – EA Compliance Monitoring of Physical Works and Mitigation Measures

Commitment (Reference in the EASR)	Implementation Schedule	2024 Status
<p>Above the wetted surface of the stormwater management pond, native species will be considered for revegetation.</p> <p>(EASR – Section 4.7.6, listed in Table 18-2 as item SS)</p>	<p>During construction of the stormwater pond.</p>	<p><u>Not Yet Started</u></p> <p>OWRA approval is expected to be received in 2025. Other permits and authorizations for this infrastructure are also expected to be received in 2025. Construction of the stormwater management pond is planned for late summer or early fall 2025.</p>
Socio-economic/Visual		
<p>Plant additional trees within the tree line between the proposed expansion and the southwestern property boundaries.</p> <p>(EASR- Section 13.8.3, listed in Table 18-2 as item W)</p>	<p>During the construction of the horizontal expansion area and throughout the operation of the landfill.</p>	<p><u>Not Yet Started</u></p> <p>Section 6.5 of the approved D&O indicates trees will be planted as prescribed in the EA.</p>

Table 3 – EA Compliance Monitoring of Additional Studies, Approvals and Administrative Work

Commitment (Reference in the EASR)	Implementation Schedule	2024 Status
Additional Approvals		
<p>Environmental Compliance Approvals</p> <ul style="list-style-type: none"> ■ Application to MECP for an amendment to the waste ECA under Part 5 of the EPA must be supported by a detailed report that complies with O. Reg. 232/98 Landfilling Standards and describes the proposed design and operations of the expanded Boyne Road Landfill site. ■ An ECA amendment from the MECP for 'sewage works' will be required for the proposed stormwater management system associated with the expanded landfill. The application must be supported by a stormwater management system design brief and ECA level drawing for the proposed system. <p>(EASR – Section 17.1)</p>	<p>Following EA Approval and prior to proceeding with the undertaking.</p>	<p><u>In Progress</u></p> <p>The waste ECA amendment application and updated D&O Report were submitted on October 8, 2024. ECA Number A482101 for the landfill expansion was issued on February 19, 2025, and supersedes all prior versions.</p> <p>The Sewage Works ECA application with the Stormwater Management Report were submitted on November 22, 2024. An ECA is expected to be issued for stormwater management features and the modification of Volks Drain in 2025.</p>
<p>Drainage Act</p> <ul style="list-style-type: none"> ■ Approval may be required for the alternations/improvements in the portion of the Volks Drain. <p>(EASR – Section 17.4)</p>	<p>Prior to proceeding with the construction of modifications to Volks Drain.</p>	<p><u>Not Yet Started</u></p> <p>The Township is planning to obtain approval under the provincial Drainage Act for the modifications to Volks Drain on the north side of Boyne Road, as well as a work permit from South Nation Conservation Authority in 2025.</p>
Geology and Hydrogeology		

Table 3 – EA Compliance Monitoring of Additional Studies, Approvals and Administrative Work

Commitment (Reference in the EASR)	Implementation Schedule	2024 Status
<p>The Township commits, in future, to obtain control over an additional 400 m of groundwater travel distance towards the south as CAZ through either property acquisition or groundwater easement below this land area.</p> <p>(EASR – Section 13.2, listed in Table 18-2 as item G)</p>	<p>Following EA Approval and in time for groundwater quality to remain in compliance with the Reasonable Use Guideline.</p>	<p><u>Not Yet Started</u></p> <p>This additional CAZ is not needed immediately, and the timing such that the Site remains in compliance with the Reasonable Use Guideline will be dependent on the ongoing groundwater monitoring program results.</p>
Surface Water		
<p>Design stormwater management system to match post-expansion outlet of surface water flows to corresponding pre-expansion flows to convey design storm flows.</p> <p>(EASR – Sections 12.5 and 13.3, listed in Table 18-2 as item H)</p>	<p>Prior to construction of stormwater management features.</p>	<p><u>In Progress</u></p> <p>The Sewage Works ECA application was submitted to the MECP on November 22, 2024, and is currently under review. This design criterion for the stormwater management system was noted in Section 3.1 of the Stormwater Management Report. Detailed design of stormwater features is expected to be completed in 2025.</p>
<p>Off-Site flows that flow onto the proposed expansion area will be directed around (not towards or through) the proposed expansion area/waste mound.</p> <p>(EASR – Section 12.5, listed in Table 18-2 as item HH)</p>	<p>Prior to construction of stormwater management features and during operation of the landfill.</p>	<p><u>In Progress</u></p> <p>This design criterion is included in Section 3.1 of the Stormwater Management Report. Detailed design of stormwater features is expected to be completed in 2025.</p>
<p>Design stormwater management controls to provide Enhanced Level Protection (80% TSS removal) as</p>	<p>Prior to construction of stormwater management features.</p>	<p><u>In Progress</u></p>

Table 3 – EA Compliance Monitoring of Additional Studies, Approvals and Administrative Work

Commitment (Reference in the EASR)	Implementation Schedule	2024 Status
defined by the MECP SWM Planning and Design Manual (MECP, 2003). (EASR – Sections 12.5 and 13.3, listed in Table 18-2 as item I)		This design criterion was addressed in the proposed wetland pond size described in Section 3.3 of the Stormwater Management Report. Detailed design of stormwater features is expected to be completed in 2025.
Design stormwater management controls to provide water quality storage requirements based on Table 3.2 of the Ontario Stormwater Management Planning and Design Manual (MECP, 2003). (EASR – Sections 12.5 and 13.3, listed in Table 18-2 as item J)	Prior to construction of stormwater management features.	<u>In Progress</u> This design criterion was addressed in Section 3.3 of the Stormwater Management Report. Detailed design of stormwater features is expected to be completed in 2025.
Surface drainage from potentially contaminated areas, i.e., originating from active landfilling areas, will be contained locally within berms and will discharge into the waste. Surface drainage from non-contaminated areas such as road areas and areas with interim or final landfill cover will be conveyed to the SWM wetland via the internal drainage ditches. (EASR – Sections 12.5 and 13.3, listed in Table 18-2 as item K)	Prior to construction of stormwater management features.	<u>In Progress</u> The proposed stormwater management system is described in Section 3.4 of the Stormwater Management Report. Detailed design of stormwater features is expected to be completed in 2025.
As a result of comments on the draft EASR the surface water monitoring, trigger mechanisms and contingencies will be re-assessed during the ECA application.	Prior to construction of stormwater management features.	<u>Completed</u> Waste ECA Number A482101 for the landfill expansion was issued on February 19, 2025. The proposed surface water monitoring program, trigger

Table 3 – EA Compliance Monitoring of Additional Studies, Approvals and Administrative Work

Commitment (Reference in the EASR)	Implementation Schedule	2024 Status
(EASR – Sections 16.2.2., listed in Table 18-2 as item KK)		mechanisms and contingencies received concurrence from the MECP Technical Support Section and are now referenced in ECA Conditions 4 (3) and 4 (8).
Biology		
<p>Because the expansion will result in loss of habitat for little brown myotis, which is designated endangered under the ESA, an Information Gathering Form will be prepared and submitted to the MECP prior to any works being undertaken to determine permitting needs, if any, under the ESA (<i>O. Reg.</i> 242/08).</p> <p>(EASR – Section 13.4 and Section 17.3, listed in Table 18-2 as item L)</p>	Prior to construction of the horizontal component of the landfill expansion and stormwater management features.	<p><u>Completed</u></p> <p>The Township submitted to the MECP an Information Gathering Form (IGF) with a technical memorandum for the landfill expansion on October 5, 2023. The MECP Species at Risk Branch confirmed on December 11, 2023, that they reviewed the submission and confirmed that authorization is not required.</p>
<p>Prepare and implement a Wildlife Observation Protocol to outline the steps to take in the event of an encounter with wildlife, including SAR, during the construction stage. All on-site personnel should be trained on the contents of the protocol.</p> <p>(EASR – Section 13.4, listed in Table 18-2 as item N)</p>	Prior to proceeding with the undertaking and throughout the operation of the landfill.	<p><u>In Progress</u></p> <p>A Wildlife Observation Protocol was prepared and included as Appendix G of the D&O Report (Item 24 of ECA Number A482101 Schedule “A”).</p> <p>The Township will ensure compliance with this protocol and this commitment throughout the operational lifespan of the landfill.</p>

Table 3 – EA Compliance Monitoring of Additional Studies, Approvals and Administrative Work

Commitment (Reference in the EASR)	Implementation Schedule	2024 Status
<p>Prepare Sediment and Erosion Control Plan and Spill Management Plan for construction activities and site operations.</p> <p>(EASR – Section 13.4, listed in Table 18-2 as item O)</p>	<p>Prior to construction of the horizontal component of the landfill expansion and stormwater management features.</p>	<p><u>Not Yet Started</u></p>
<p>Prepare and submit a Request for Review application to DFO to determine if habitat compensation measures are required for fish habitat affected by the landfill expansion. Obtain required DFO approvals.</p> <p>(EASR – Section 13.4 and Section 17.2, listed in Table 18-2 as item P)</p>	<p>Prior to construction of the horizontal component of the landfill expansion and stormwater management features.</p>	<p><u>In Progress</u></p> <p>A Request for Review was submitted to DFO on February 24, 2025.</p>
<p>As an alternative to the closed culvert pipe proposed to be installed in the portion of the Volks Drain on the north side of Boyne Road opposite the landfill site frontage, consideration would be given to an open lined ditch alternative at the ECA design and amendment application stage to mitigate both 1) the potential for leachate-impacted groundwater to the north roadside ditch (Volks Drain) and thereby protect surface water quality and 2) reduce the overall amount of impact on fish habitat and potential effects due to the loss of fish habitat in the Volks Drain if a closed pipe is used.</p> <p>(EASR – Sections 13.3 and 13.4, listed in Table 18-2 as Item Q)</p>	<p>Prior to construction of the horizontal component of the landfill expansion and stormwater management features.</p>	<p><u>Completed</u></p> <p>The Township Council was presented with options to modify Volks Drain for the landfill expansion in a Council Meeting held on July 11, 2023. Council decided to proceed with the lined ditch alternative design.</p> <p>This design is now part of the Stormwater Management Report currently under review by the MECP.</p>

Table 3 – EA Compliance Monitoring of Additional Studies, Approvals and Administrative Work

Commitment (Reference in the EASR)	Implementation Schedule	2024 Status
Prepare and submit an application for a work permit to South Nation Conservation to undertake the construction work associated with the expansion. (EASR – Section 17.6, listed in Table 18-2 as item R)	Prior to construction of stormwater management features.	<u>Not Yet Started</u> The Township is planning to obtain a work permit from South Nation Conservation Authority in 2025.
Cultural Heritage Resources		
Should archaeological resources be unexpectedly encountered during the landfill expansion, a licensed archaeologist will be contacted to assess the need for additional archaeological assessment. (EASR – Section 13.7.1, listed in Table 18-2 as item T)	During construction of the landfill expansion base pad and associated stormwater management features.	<u>Not Yet Started</u> Not yet applicable. The Township is planning for expansion activities to begin in 2025.
Land Use Planning		
Rezone the lands to be added to the landfill site property as Special Rural – Waste Disposal (SRD). (EASR – Section 13.5 and Section 17.5, listed in Table 18-2 as item U)	Prior to proceeding with the undertaking.	<u>Not Yet Started</u>
Design and Operations		
In the expansion design, provide a minimum separation of 1 m between the high groundwater table and the base of the waste in the expansion area. (EASR – Section 12.2, listed in Table 18-2 as item X)	Prior to construction of the horizontal component of the landfill expansion.	<u>In Progress</u> The landfill expansion design provided in the D&O was approved with the issuance of ECA Number A482101 on February 19, 2025. This design

Table 3 – EA Compliance Monitoring of Additional Studies, Approvals and Administrative Work

Commitment (Reference in the EASR)	Implementation Schedule	2024 Status
		criterion is included in Section 4.6 of the D&O. Detailed design of the expansion base pad will be completed in 2025.
Preparing a landfill development phasing plan for the expansion. (EASR – Section 13.10, listed in Table 18-2 as item Y)	Prior to proceeding with the undertaking.	<u>Completed</u> The phasing plan for the landfill expansion is provided in Figure 4 of the D&O Report (Item 24 of ECA Number A482101 Schedule “A”).

Table 4 – EA Compliance Monitoring of Public Consultation

Commitment (Reference in the EASR)	Implementation Schedule	2024 Status
Socio-economic		
Prepare complaints response protocol. (EASR – Section 13.8.2, listed in Table 18-2 as item V)	Prior to proceeding with the undertaking	<u>Completed</u> The complaints protocol is included in Appendix C of this report and was provided as Appendix I of the approved D&O, Item 24 of ECA Number A482101 Schedule “A”.

Table 5 – EA Compliance Monitoring of Environmental Monitoring Activities

Commitment (Reference in the EASR)	Implementation Schedule	2024 Status
<p>Implementation of all required Site effects monitoring and reporting programs.</p> <p>(EASR – Section 16, listed in Table 18-2 as item A)</p>	<p>Throughout the operation of the landfill.</p>	<p><u>In Progress</u></p> <p>The groundwater and surface water monitoring programs for the landfill expansion were approved with the issuance of ECA A482101 on February 19, 2025.</p> <p>A surface water monitoring program for the proposed stormwater management pond is provided in Section 4.1 of the Stormwater Management Report, currently under review by the MECP for the issuance of a Sewage Works ECA. This program will be initiated following commissioning of the stormwater management pond.</p>

APPENDIX A

**Notice of Approval to Proceed with
a Part II.3 Project**

ENVIRONMENTAL ASSESSMENT ACT

SECTION 17.15

NOTICE OF APPROVAL TO PROCEED WITH A PART II.3 PROJECT

RE: Environmental Assessment of the Township of North Dundas Waste Management Plan

Proponent: Township of North Dundas

EA File No.: 03-08-02 (18056)

Part II.3 of the Act establishes the requirements, authority, and process for preparing, submitting, and deciding an application for approval to proceed with a Part II.3 project under the Act. Part IV of O. Reg. 50/24 under the Act designates certain waste management projects as Part II.3 projects, including the Project.

The proponent having submitted the application for approval to proceed with the Project under Part II of the Act and Part II of the Act having been subsequently revoked, pursuant to section 5 of O. Reg. 53/24 under the Act the application is deemed to have been submitted under Part II.3 of the Act.

An application consists of a proposed terms of reference and environmental assessment. In respect of the Project, the proposed *Terms of Reference, Environmental Assessment of the Township of North Dundas Waste Management Plan* was approved by the minister on July 1, 2020. The proponent submitted its environmental assessment on February 2, 2023, for a decision on the application.

A seven-week comment period followed the submission of the environmental assessment to the ministry, during which time any person could submit comments about the environmental assessment and the Project.

The ministry review of the environmental assessment was completed on June 27, 2023, and notice was provided in accordance with the Act. The ministry review concluded that the environmental assessment was prepared in accordance with the approved terms of reference and the Act and contained sufficient information to assess the potential environmental effects of the Project. There were no outstanding issues related to the environmental assessment. The public, government agencies and Indigenous communities had an opportunity to comment on the environmental assessment, the Project, and the ministry review during the five-week comment period.

The proponent and ministry provided identified Indigenous communities with opportunities for consultation with respect to the terms of reference, the environmental assessment and the ministry review.

All comments submitted during the statutory comment periods have been considered. No requests for a hearing by the Ontario Land Tribunal were submitted and I am not aware of any outstanding issues with respect to the application which suggest that a hearing should otherwise be required.

Having considered the purpose of the Act, the approved terms of reference, the environmental assessment, the ministry review of the environmental assessment and submissions received, I am giving approval to proceed with the Project, subject to the conditions set out below.

REASONS FOR DECISION

My reasons for giving approval are:

- (1) The proponent has complied with the requirements of the Act.
- (2) The environmental assessment has been prepared in accordance with the approved terms of reference.
- (3) Taking into consideration the proponent's environmental assessment and the ministry review, the proponent's conclusion that the advantages of the Project outweigh its disadvantages appears to be valid. The Project would address the identified problem and would have the least potential for adverse effects on the natural environment as well as having the lowest capital cost for implementation.
- (4) No other more beneficial alternative method of implementing the Project was identified.
- (5) The proponent has demonstrated that the environmental effects of the Project can be appropriately avoided, managed and mitigated.
- (6) Taken together, the proponent's environmental assessment, the ministry review and the conditions of approval, approval of the Project would be consistent with the purpose of the Act.
- (7) There are no outstanding concerns raised by government agencies, the public or Indigenous communities.

CONDITIONS OF APPROVAL

Approval is given subject to the following conditions:

1. Definitions

1.1 For the purposes of these conditions:

"Act" means the *Environmental Assessment Act*

"Director" means the Director of the Environmental Assessment Branch.

"EAB" means the Environmental Assessment Branch of the Ministry of the Environment, Conservation and Parks.

"environmental assessment" means the *Environmental Assessment of the Township of North Dundas Waste Management Plan*.

"ministry" means the Ministry of the Environment, Conservation and Parks.

"program" means the environmental assessment compliance monitoring program.

"proponent" means the Township of North Dundas.

"construction" means physical construction activities, including site preparation works, but does not include the tendering of contracts.

"Date of Approval" means the date on which the Order in Council pertaining to the approval of the Project was signed by the Lieutenant Governor in council.

"Project" means the expansion of the Boyne Road Landfill as set out in the environmental assessment.

2. General Requirements

- 2.1 The proponent shall implement the Project in accordance with the environmental assessment which is hereby incorporated into this Notice of Approval by reference, except as provided in the conditions of this Notice of Approval and as provided in any other approval or permit that may be issued for the Project.
- 2.2 The proponent shall fulfill any commitments made during the environmental assessment process.
- 2.3 Should the proponent wish to make changes to any document required by these conditions after the document has been accepted or approved by the ministry, the proponent shall obtain written approval for the proposed change from the ministry decision-maker in the condition requiring the document.
- 2.4 For any document required by these conditions to be prepared, submitted and/or posted publicly by the proponent, the Director may provide written notice to the proponent they need no longer prepare, submit and/or post the document.
- 2.5 For any program or plan required by these conditions to be developed or implemented, the Director may provide written notice to the proponent that the program or plan no longer need be developed or implemented.
- 2.6 The Director may change a deadline provided for in a condition in this notice of approval where the Director determines it is appropriate to do so and it is consistent with the purpose of the Act. Any such change must be made in writing by the Director.
- 2.7 More restrictive conditions may be imposed under other statutes.

3. Public Record

- 3.1 Where a document is required for the public record, the proponent shall post the document on the proponent's website and shall provide a hardcopy and electronic copy to the Director.
- 3.2 The environmental assessment file number 03-08-02 (18056) shall be quoted on all documents in any form submitted to the ministry pursuant to this Notice of Approval.
- 3.3 The proponent shall clearly identify on each document the condition of approval pursuant to which the document is being submitted.

4. Compliance Monitoring Program

- 4.1 The proponent shall prepare and submit to the Director for approval and for the public record a program.
- 4.2 The program shall be submitted to the Director within one year from the Date of Approval.
- 4.3 The program shall include a description of how the proponent will:
 - a. ensure the Project is implemented in accordance with the environmental assessment, including mitigation measures, public consultation, and additional studies and work to be carried out;
 - b. monitor compliance with the conditions in this Notice of Approval; and
 - c. ensure all commitments made in the environmental assessment, including with respect to mitigation measures, public consultation, and additional studies and work to be carried out are fulfilled.
- 4.4 The program shall include an implementation schedule for planned monitoring activities.
- 4.5 The Director may require the proponent to amend the program at any time and shall provide notice of the required amendment and deadline for completion in writing to the proponent.
- 4.6 The proponent shall submit the amended program to the Director by the deadline specified in the notice.
- 4.7 The proponent shall implement the program, including any amendments to it.

5. Compliance Reporting

- 5.1 The proponent shall prepare an annual compliance report outlining the results of the program (Condition 4).
- 5.2 The first compliance report shall be submitted to the Director for review and for the public record one year following the Date of Approval. Each subsequent annual compliance report shall be submitted to the ministry for review and for the public record

on the date that is the anniversary of the Date of Approval thereafter. Each report shall cover the period since the last report.

- 5.3 Compliance reports are no longer required to be submitted following the earlier of: (i) all conditions in this Notice of Approval being satisfied, or (ii) the Director giving notice pursuant to Condition 2.3.
- 5.4 The proponent shall notify the Director in writing when the final annual compliance report is being submitted. The ministry will confirm that the requirements in Conditions 5.1-5.3 have been met and the Director will provide written confirmation to the proponent.
- 5.5 The proponent shall retain, either in the proponent's office or in another location approved by the Director, copies of each annual compliance report and any associated documentation of compliance monitoring activities. The proponent shall post the annual compliance report for each reporting year on its website.
- 5.6 The proponent shall make the compliance reports and associated documentation available to the Director or designate in a timely manner when requested to do so by the ministry.

6. Complaint Protocol

- 6.1 The proponent shall prepare and implement a complaint protocol for addressing inquiries and complaints related to the Project. The complaint protocol shall include a procedure for notifying the manager of the ministry's Ottawa District Office of any complaints received by the proponent.
- 6.2 The proponent shall submit the complaint protocol to the Director for approval and for the public record at least 90 days before the start of construction.
- 6.3 The Director may require the proponent to amend the complaint protocol at any time and shall provide notice of the required amendment and deadline for completion in writing to the proponent. The proponent shall submit an amended complaint protocol to the Director by the deadline specified in the notice.
- 6.4 The proponent shall implement the complaint protocol and any amendments to it.
- 6.5 The proponent shall include a summary of the complaints received and how they were addressed in each of the annual compliance reports required by Condition 5.

7. Duration of Approval

- 7.1 If the Project has not been substantially commenced within 10 years of the Date of Approval or by the end of any extension to that period granted by the ministry in writing, this approval expires.

Dated the 7th day of March 2024 at TORONTO.



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

Approved by O.C. No. 446/2024

Date O.C. Approved 21 Mar 2024

APPENDIX B

Environmental Compliance
Approval Number
A482101



Department of Energy and Resources Management
Waste Management Branch

017/030
DEPT. OF ENERGY AND
RESOURCES MANAGEMENT
ONTARIO

AUG 3 1971

WASTE MANAGEMENT BRANCH

APPLICATION FOR A CERTIFICATE OF APPROVAL
FOR A WASTE DISPOSAL SITE

TO: THE DEPARTMENT OF ENERGY AND RESOURCES MANAGEMENT
880 Bay Street.
Toronto, Ontario

To be submitted through Regional
Waste Management Engineer

- (1) Under the Waste Management Act, 1970 and the regulations, this application is made by Township of Winchester
Morewood, Ontario

Owner of Facility

Address

- (2) for the Renewal of a Certificate of Approval for a Landfilling

Delete item inapplicable

Type of Disposal

- (3) located North Part Lot Eight, Concession Six

Full particulars of Location

- (4) A Provisional Certificate of Approval No. 482101 for this site was issued June 4 19 71

Delete item inapplicable

- (5) No change in use, operation, or ownership of the site has occurred since the date of the original application.

Dated this 28th day of July 19 71

Blair MacKinnon, Clerk
Signature of Applicant

- (6) The following changes in use, operation or ownership (have occurred since the date of the original application) (are proposed)

Delete item inapplicable

If necessary, provide additional
details on separate sheets and attach
to application.

Continued on Attached Sheets ☐

- (7) The site will be operated in accordance with The Waste Management Act, 1970 and the regulations by

Name of Operator

Address

The required supporting information to the application is appended hereto.

- (8) Notice of this application has been published in the Ontario and 19 and a copy of the notice is attached.

- (9) A certificate that the site does not contravene any of the by-laws of the

To be completed if applicant is a

**SUPPORTING INFORMATION
TO AN
APPLICATION FOR APPROVAL
OF A
LANDFILL DISPOSAL SITE**

1. Wastes to be Disposed of Comprise

Domestic	75%
Commercial	25%
Industrial Waste	%
Hauled Liquid Industrial Waste	%
Agricultural Waste	%
Hazardous Waste	%
Hauled Sewage	%
*Other	%
	100%

*Describe

Total: 5 Tons/Day

Population Served: 5,000

Distance to Nearest Watercourse	1000 Ft.
Distance to Source of Potable Water	5000 Ft.
Distance to Dwelling	5000 Ft.
Distance to Public Road	100 Ft.
Distance to Cemetery	3 mi. Ft.

Total Area of Site	20 Acres
Anticipated Life	18 Years

General Description of Site

situated in bush and swamp area

2. Origin and Composition of Principal Component Waste (other than domestic and commercial)

4. Maximum Depth of Excavation Below Surface	10
Maximum Height of Fill Above Surface	6
Type(s) of Material Encountered From Surface	

muck	10
clay	20

Depth of Water Table Below Surface	10
on July 27, 1971	(De

5. Proposed Future Land Use

returned to bush

6. Operating Equipment

bulldozer rented when required

Hours of Operation: 20 hours per month

7. The Following Documents are Attached**FOR DEPARTMENTAL USE****8. Authorities Consulted:**

Health Unit	<input type="checkbox"/> Objection	<input type="checkbox"/> No Objec
O.W.R.C.	<input type="checkbox"/> Objection	<input type="checkbox"/> No Objec
A.M.B.	<input type="checkbox"/> Objection	<input type="checkbox"/> No Objec
Municipality	<input type="checkbox"/> Objection	<input type="checkbox"/> No Objec
Conservation Authority	<input type="checkbox"/> Objection	<input type="checkbox"/> No Objec

Other

Read with Care
Form 40
Towns and Villages, Limited, Toronto

RECEIVED IN REGISTRATION
ENERGY

This Indenture

made in duplicate the 29th day of January 2003
one thousand nine hundred and seventy-seven
in Pursuance of the Short Statute of Consolidation Act:
Between

THE CORPORATION OF THE TOWNSHIP OF WINCHESTER,
Morewood, Ontario.

THE CORPORATION OF THE VILLAGE OF WINCHESTER,
Winchester, Ontario.

hereinafter called the Grantor of the FIRST PART
the said CORPORATION OF THE TOWNSHIP OF WINCHESTER,
Morewood, Ontario, and
THE said CORPORATION OF THE VILLAGE OF WINCHESTER,
Winchester, Ontario, and
THE CORPORATION OF THE VILLAGE OF CHESTERTVILLE
Chesterville, Ontario. hereinafter called the Grantor of the SECOND PART

WHEREAS the Grantors hereto are the owners of a sanitary land fill site which is now used jointly by the Corporation of the Township of Winchester and the Corporation of the Village of Winchester and the Corporation of the Village of Chesterville and it is desirable that the title to the said land fill site be vested equally in the three said Municipal Corporations.

Wendy Kingston Clerk
CERTIFIED TRUE COPY

Witnesseth that in consideration of

ONE THOUSAND & SIXTY SIX 66/100 (\$166.66) dollar of lawful money of Canada now paid by the said grantee to the said grantor (the receipt whereof is hereby by it acknowledged) XK the said grantor DO ES GRANT unto the said grantee in fee simple

All and Singular that certain parcel or tract of land and premises, situate, lying and being in the TOWNSHIP of WINCHESTER, in the COUNTY of DUNDAS and being composed of that part of the NORTH half of lot number EIGHT (8) in the SIXTH (6th) Concession of the said Township more particularly described as follows:-

COMMENCING at a point in the NORTH heading of said lot number EIGHT (8), which is distant measured EASTERLY along said NORTH heading from the NORTH WEST corner of said lot, ONE HUNDRED feet (100');

Thence EASTERLY along the NORTH heading of said lot, a distance of EIGHTY (80) rods, or THIRTEEN HUNDRED & TWENTY feet (1320') to a point;

Thence SOUTHERLY in a straight line drawn parallel to the WEST side line of said lot, a distance of FORTY (40) rods or SIX HUNDRED & SIXTY feet (660') to a point;

Thence WESTERLY in a straight line drawn parallel to the NORTH head line of said lot, a distance of EIGHTY (80) rods, or THIRTEEN HUNDRED & TWENTY feet (1320') to a point;

THENCE NORTHERLY in a straight line drawn parallel to the WEST side line of said lot, a distance of FORTY (40) rods or SIX HUNDRED & SIXTY feet (660') to the point of commencement.

IN THE MATTER OF SUBSECTION 3 OF SECTION 5 OF
THE LAND SPECULATION TAX ACT, 1974

Affidavit

I, GLENN MacGREGOR, Clerk of the Township of Winchester
(Print name)
(Print address)

MAKE OATH AND SAY THAT:

1. I verily believe that the disposition of designated land evidenced in the attached instrument or writing is exempt from the tax imposed by subsection 1 of section 2 of the above Act by virtue of the disposition being conveyance by Municipality to Municipality.

as provided for by section 4, clause 1, subclause of the above Act.

~~Since the disposition of my designated land is being made to a person or persons who are not a Municipality, I am not authorized to make this affidavit. I am authorized to make this affidavit only if the disposition is being made to a Municipality.~~

2. I am authorized in writing by the transferor making the disposition referred to in paragraph 1 hereof to make this affidavit. Since the acquisition of the interest of the transferor in the designated land that is referred to in paragraph 1 hereof and that is being disposed of to the transferee named in the attached instrument or writing, no disposition with respect to such designated land has occurred prior to the disposition to the said transferee.

Sworn before me at the Village

of Chesterville

In the County

of Kundas

this 12th

day of February 1977

Glenn MacGregor
A Commissioner, etc.

AFFIDAVIT OF SUBSCRIBING WITNESS

I, _____
of the _____
in the _____

make oath and say:

I am a subscribing witness to the attached instrument and I was present and saw it executed at _____ by _____

I also declare:

I verily believe that each person whose signature I witnessed in the party of the same name referred to in the instrument.

SWORN before me at the _____

this _____ day of _____ 1977

A COMMISSIONER FOR THE PROVINCE OF ONTARIO, ETC.

"Where a party is unable to read the instrument or where a party signs by making his mark or by some other means, after the instrument has been read to him and he appears fully to understand it, I have provided under a power of attorney (name of attorney) as attorney for (name of party) and for each other party. I verily believe that the person whose signature I witnessed was authorized to execute the instrument as attorney for (name)."

THE LAND TRANSFER TAX ACT, 1974 - AFFIDAVIT OF VALUE OF THE CONSIDERATION

Sworn to
Jan. 1/77

Subscribed
by the
conveyance

IN THE MATTER OF THE CONVEYANCE made

by: THE CORPORATION OF THE TOWNSHIP OF WINCHESTER & THE CORPORATION OF THE VILLAGE OF WINCHESTER

to: THE CORPORATION OF THE TOWNSHIP OF WINCHESTER & THE CORPORATION OF THE VILLAGE OF WINCHESTER & THE CORPORATION OF THE VILLAGE OF

on the 29th day of January 1977 CHESTERVILLE

I, GLENN MACGHEGHER

of the Township of Winchester

in the County of Dundas

MAKE OATH AND SAY THAT:

1. I am Clerk of the Grantor Corporation of the Township of Winchester named in the within (or annexed) conveyance.

2. I have a personal knowledge of the facts stated in this affidavit.

3. (1) The total consideration for this transaction has been allocated as follows:

(a) Land, buildings, fixtures and goodwill \$ 166.66

(b) Chattels -- (items of tangible personal property -- (see note)) nil

TOTAL CONSIDERATION \$ 166.66

(2) The true consideration for the transfer or conveyance for Land Transfer Tax purposes is as follows:

(a) Monies paid in cash \$ 166.66

(b) Property transferred in exchange (Detail below) nil

(c) Securities transferred in the value of (Detail below) nil

(d) Balances of existing encumbrances with interest owing at date of transfer nil

(e) Monies secured by mortgage under this transaction nil

(f) Liens, legacies, annuities and instalments charges to which transfer is subject nil

(g) Other (Detail below) nil

TOTAL CONSIDERATION (should agree with 3(1) (a) above) \$ 166.66

4. If consideration is not paid, is the transfer for natural love and affection?

5. If so, what is the relationship between Grantor and Grantee?

6. Other remarks and explanations, if necessary.

SWORN before me at the Village

of _____ County

in the _____ Dundas

this 12th day of February 1977

A COMMISSIONER FOR THE PROVINCE OF ONTARIO, ETC.

NOTE TO PARAGRAPH 3(1)(b): Grantee Detail value too to register on the notation of items shown in 3(1)(a) unless otherwise exempted under the provisions of The Land Transfer Tax Act R.S.O. 1970 c.110 or exempted. For the purpose of this amount insert above only the value of chattels, the total value of which is the notation of the department exceeds \$100.00. This does not constitute a purchase from the payment of Land Transfer Tax on any tangible personal property as part of this transaction. Where chattels are purchased as part of this transaction, with value of less than \$100.00, the applicable tax should be paid by the purchaser to the Treasurer of Ontario and recorded in the Minister of Revenue.



Ministry of the Environment
Ministère de l'Environnement

Provisional Certificate of Approval for a Waste Disposal Site

Certificat provisoire d'autorisation du lieu d'élimination des déchets

THIS IS A TRUE COPY OF THE ORIGINAL CERTIFICATE MAILED

ON Dec 12/89

Provisional Certificate of Approval No. A 452101
Certificat provisoire d'autorisation no

Page 1 of 2
page de 2

(Signed) Under the Environmental Protection Act and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to:

Aux termes de la Loi sur la protection de l'environnement et des règlements y afférents et sous réserve des restrictions qui s'y appliquent, ce Certificat provisoire d'autorisation est délivré à:

The Corporation of the
Township of Winchester
R.R. #4
Winchester, Ontario
K0C 2K0

for the use and operation of a 3.1 hectare (20 acres) landfilling site

all in accordance with the following plans and specifications:

1. Application and Supporting Information

Located: N.1/4 Lot 8, Concession 6
Township of Winchester
County of Dundas

which includes the use of the site only for the disposal of the following categories of waste (NOTE: Use of the site for additional categories of wastes requires a new application and amendments to the Provisional Certificate of Approval) domestic, commercial, non-hazardous solid industrial, and non-hazardous solid (limited to miscellaneous debris from agriculture)

and subject to the following conditions:

1. No operation shall be carried out at the site after sixty days from this condition becoming enforceable unless this Certificate including the reasons for this condition has been registered by the applicant as an instrument in the appropriate Land Registry Office against title to the site and a duplicate registered copy thereof has been returned by the applicant to the Director.
2. Wastes are to be deposited in an orderly manner in the fill area. All waste shall be compacted and covered with 15 cm of cover material on the exposed surfaces of the lifts when they reach a maximum of 2 m in height by 10 m in width or every two weeks, whichever occurs first.
3. The burning of all wastes shall be discontinued immediately.
4. A suitable design report with plans and specifications detailing site development including operation, closure, and schedules shall be submitted for approval by the Township to the Director of Approvals Branch, 250 Davisville Avenue, 3rd Floor Toronto, Ontario M4S 1R2 (the "Director"), by November 30, 1990. The design report shall detail measures for progressive closure and rehabilitation of the site to a natural passive state. The design report shall be implemented forthwith upon written notice of the Director, as amended in writing by the Director.

4th

December

89

Dated this
date of

day of
pour de

19

[Signature]
Director, Section 38
Environmental Protection Act
Directeur, Section 38

DEC 8 89 FRI 15 24 04 08 89 11 13



Ontario

Ministry
of the
Environment**PROVISIONAL CERTIFICATE OF APPROVAL
WASTE DISPOSAL SITE**

The following conditions are additional to the conditions shown on Provisional Certificate
of Approval Number A 482101 dated December 4, 1989

5. A report outlining the hydrogeology of the site, the extent of the leachate plume, and the potential for future movement of leachate off-site shall be submitted by the Township, to the Director, by November 30, 1990. The hydrogeology report must be prepared by a competent hydrogeologist.
6. The Township shall submit for approval a detailed program for monitoring surface and groundwater including leachate movement, to the Director, by November 30, 1990.
7. A proper rodent control program shall be implemented by having bait set near the exposed waste at all times.
8. Provisional Certificate of Approval No. A 482101 dated October 30, 1989 is revoked and replaced by this Provisional Certificate of Approval No. A 482101 dated November 30, 1989.

Ministry
of the
Environment

Ontario

NOTICE

TO:

The Corporation of the
Township of Winchester
R.R. #4
Winchester, Ontario
K0C 2K0

1. A reason for the condition requiring registration of the Certificate is that Section 46 of The Environmental Protection Act, 1971 prohibits any use being made of the lands after they cease to be used for waste disposal purposes within a period of twenty-five years from the year in which such land ceased to be used unless the approval of the Minister for the proposed use has been given. The purpose of this prohibition is to protect future occupants of the site and the environment from any hazards which might occur as a result of waste being disposed of on the site. This prohibition and potential hazard should be drawn to the attention of future owners and occupants by the Certificate being registered on title.
2. The reason for the imposition of condition 2 is to ensure that the development of this landfilling site will be in orderly and systematic manner. The use and operation of the site without such a condition may create a nuisance.
3. The reason for the imposition of condition 3 is that smoke from burning waste has created offensive odours and the continued practice of burning waste at the site may create a nuisance or cause a hazard to the health and safety of any person.
4. The reason for condition 4 is to ensure that an orderly and systematic development of the site is conducted in accordance with the provisions of the Environmental Protection Act. A closure plan is to ensure that the site is closed in a satisfactory manner and maintained and monitored after closure. Operation of the site without such a condition may create a nuisance and would not be in the public interest.
5. The reason for condition 5 is that a hydrogeological study is an integral part of the use and operation of a landfill site. It is necessary to ensure that sufficient pollutant attenuation is taking place on site and contaminants are not migrating off site at an unacceptable level. The use and operation of the site without these conditions may create a nuisance or result in a hazard to the health and safety of any person.
6. The reason for condition 6 is that a monitoring program is an integral part of the use and operation of a waste disposal site. Should monitoring show a significant impact on or off site, corrective measures may be required. The operation of the site without the monitoring program may create a hazard to the health and safety of any person and would not be in the public interest.

- 2 -

7. The reason for condition 8 is to ensure that the rodent population will not result in a hazard to the health and safety of any person or the natural environment.
8. The reason for condition 8 is to clarify that the site is to be used and operated pursuant to the Provisional Certificate of Approval dated November 30, 1989.

You may by written notice served upon me and the Environmental Appeal Board within 15 days after receipt of this Notice, require a hearing by the Board. Section 122a of the Environmental Protection Act, R.S.O. 1980, c. 141, as amended, provides that the Notice requiring the hearing shall state the portions of each term or condition in the approval in respect of which the hearing is required and the grounds on which you intend to rely at the hearing.

This Notice should be served upon:

The Secretary
Environmental Appeal Board
112 St. Clair Ave. West
Suite 502
Toronto, Ontario M4V 1N3.

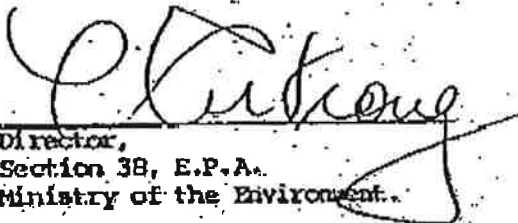
AND

The Director
Section 38, E.P.A.
Ministry of the Environment
250 Davisville Ave.
Toronto, Ontario M4S 1H2

Dated at Toronto this 4th day of December, 1989.

THIS IS A TRUE COPY OF THE
ORIGINAL NOTICE MAILED

ON Dec 12/89
8


Director,
Section 38, E.P.A.
Ministry of the Environment.



Ministry of
Environment
and Energy

Ministère de
l'Environnement
et de l'Énergie

250 Davisville Avenue
Toronto ON M4S 1H2

250, avenue Davisville
Toronto ON M4S 1H2

APPROVALS BRANCH

3rd Floor

Tel: (416) 440-3544

Fax: (416) 440-6973

September 5, 1995

David Sloane
Waste Coordinator
The Corporation of the Township of Winchester
R.R.#1 Winchester,
K0C 2K0

Dear Mr. Sloaner,

RE: Provisional Certificate of Approval No. A482101

Please find attached a Notice amending the Certificate of Approval dated December 4, 1989.

This Notice has been issued to allow the Township of Winchester landfill site to accept waste from the Village of Chesterville.

The amendment is supported by Regulation 299/94 which amends Regulation 347 under the Environmental Protection Act and a certified copy of the deed naming the Township of Winchester, the Village of Winchester and the Village of Chesterville as co-owners of the landfill property since 1977.

If you have any questions, please feel free to contact Sara Darker at (416) 440-3575.

Sincerely,

A. Dominski, P. Eng., Supervisor
Waste Unit

SD/es

cc: B. Ward, Eastern Region
B. Helliar, Cornwall District Office
N. Krisjanis, Township of Winchester





Ministry of
Environment
and Energy

Ministère de
l'Environnement
et de l'Énergie

NOTICE
Page 1 of 2

TO: The Corporation of the Township of Winchester
R.R. #4 Winchester, Ontario
K0C 2K0

You are hereby notified that Provisional Certificate of Approval No. A 482101 dated December 4, 1989 is amended as follows:

Condition 8 is amended as follows:

8. Provisional Certificate of Approval No. A 482101 dated October 30, 1989 is revoked and replaced by this Provisional Certificate of Approval No. A 482101 dated December 4, 1989.

Condition 9 is added as follows:

9. The landfill site may serve the areas of the Township of Winchester, the Village of Winchester, and the Village of Chesterville.

REASONS

1. The reason for amending condition 8 is to correct the date of the Provisional Certificate of Approval referenced.
2. The reason for adding condition 9 is to clearly identify the municipalities who have co-owned the site since 1977 and who therefore may use the site according to Ontario Regulation 299/94.

In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990 c. E-19, you may by written notice served upon me and the Environmental Appeal Board within 15 days after receipt of this Notice, require a hearing by the Board. Section 142 of the Environmental Protection Act, as amended provides that the Notice requiring a hearing shall state:

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



Ministry of
Environment
and Energy

Ministère de
l'Environnement
et de l'Énergie

NOTICE
Page 2 of 2

In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990, Chapter E-19, you may, by written notice served upon me, the Environmental Appeal Board and the Environmental Commissioner, Environmental Bill of Rights, S.O. 1993, Chapter 28, within 15 days after receipt of this Notice, require a hearing by the Board. Section 142 of the Environmental Protection Act, as amended provides that the Notice requiring a hearing shall state:

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

In addition to these legal requirements, the Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the waste disposal site is located;

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

This Notice must be served upon:


The Secretary,
Environmental Appeal Board,
112 St. Clair Avenue West,
Suite 502,
Toronto, Ontario,
M4V 1N3

The Environmental Commissioner,
1075 Bay Street,
Suite 605
6th Floor
Toronto, Ontario
M5S 2W5

The Director,
Section 39, Environmental Protection Act,
Ministry of the Environment and Energy,
250 Davisville Avenue, 3rd Floor,
Toronto, Ontario,
M4S 1H2

This instrument is subject to Section 38 of the Environmental Bill of Rights, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek to appeal for 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry, you can determine when the leave to appeal period ends.

DATED AT TORONTO this 5th day of September, 1995.


A. Dominski, P. Eng.
Director
Section 39
Environmental Protection Act



Ministry of
Environment
and Energy

Ministère de
l'Environnement
et de l'Énergie

250 Davisville Avenue
Toronto ON M4S 1H2

250, avenue Davisville
Toronto ON M4S 1H2

APPROVALS BRANCH

3rd Floor

Tel: (416) 440-3544

Fax: (416) 440-6973

October 2, 1995

David Sloane
Waste Coordinator
The Corporation of the Township of Winchester
R.R.#4 Winchester,
K0C 2K0

Dear Mr. Sloane:

RE: Provisional Certificate of Approval No. A482101

Please find attached a Notice amending the Certificate of Approval dated December 4, 1989.

This Notice has been issued to allow the Township of Winchester to operate a municipal waste recycling facility at the Township of Winchester Landfill Site.

If you have any questions, please feel free to contact Robert Bruce at (416) 440-3575.

Sincerely,

A. Dominski, P. Eng., Supervisor
Waste Unit

SD/es
Enclosure

cc: B. Ward - Eastern Region
B. Helliard - Cornwall District Office
Paul Scalco - Waste Reduction Branch
N. Krisjanis - Township of Winchester
D. Phippen - M.S. Thompson and Associates





Ontario

Ministry of
Environment
and EnergyMinistère de
l'Environnement
et de l'ÉnergieNOTICE
Page 1 of 2

TO: The Corporation of the Township of Winchester
R.R. #4
Winchester, Ontario
K0C 2K0

You are hereby notified that Provisional Certificate of Approval No. A 482101 dated December 4, 1989 is amended as follows:

Conditions 10 and 11 are added as follows:

Municipal Waste Recycling Facility (Transfer/Processing Station)

10. Except as otherwise provided by Regulation 101/94, the municipal waste recycling site shall be operated and maintained in accordance with:
 - a) Application for Approval of a Waste Disposal Site dated June 27, 1995 and signed by David Sloane of the Township of Winchester.
 - b) 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.
 - c) Report entitled "The Township of Winchester Municipal Waste Recycling Facility" dated July 1994 (updated July 1995) by M.S. Thompson and Associates Ltd.
11. The municipal waste recycling site may collect, process and transfer blue box waste from the Township of Winchester; the Village of Winchester; the Village of Chesterville; the United Counties of Stormont, Dundas and Glengarry; Grenville County; the Township of Russell; and the Township of Osgoode.

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

1. The reason for adding Condition 10 is to allow the operation of a municipal waste recycling facility in accordance with the Environmental Protection Act at the Township of Winchester landfill site.
2. The reason for adding condition 11 is to identify the approved service area of the municipal waste recycling facility only. Otherwise, the service area for the Township of Winchester landfill site is limited to the Township of Winchester, the Village of Winchester and the Village of Chesterville.



Ontario

Ministry of
Environment
and EnergyMinistère de
l'Environnement
et de l'ÉnergieNOTICE
Page 2 of 2

In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990, Chapter E-19, you may by written notice served upon me, the Environmental Appeal Board and the Environmental Commissioner, Environmental Bill of Rights, S.O. 1993, Chapter 28, within 15 days after receipt of this Notice, require a hearing by the Board. Section 142 of the Environmental Protection Act, as amended provides that the Notice requiring a hearing shall state:

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

In addition to these legal requirements, the Notice should also include:

3. The name of the appellant;
4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the waste disposal site is located;

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

This Notice must be served upon:


The Secretary,
Environmental Appeal Board,
112 St. Clair Avenue West,
Suite 502,
Toronto, Ontario,
M4V 1N3

The Environmental Commissioner,
1075 Bay Street,
Suite 605
6th Floor
Toronto, Ontario
M5S 2W5

The Director,
Section 39, Environmental Protection Act,
Ministry of the Environment and Energy,
250 Davisville Avenue, 3rd Floor,
Toronto, Ontario,
M4S 1H2

This instrument is subject to Section 38 of the Environmental Bill of Rights, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek to appeal for 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry, you can determine when the leave to appeal period ends.

DATED AT TORONTO this 2nd day of October, 1995


 A. Dominski, P. Eng.
 Director
 Section 39
 Environmental Protection Act



250, Avenue Davisville
Toronto ON M4S 1H2

Fax: (416) 440-6973

September 18, 1996

Dear Mr. Saloñe:

Re: Provisional Certificate of Approval No. A-482101, Boyne Road
Landfill Site

Please note that all other terms and conditions as outlined in the original Certificate of Approval No. A482101 and subsequent Notices of Amendment remain unchanged.

Should you have any questions or comments concerning the above, please feel free to contact Mr. Osman Ibrahim at (416) 440-3717.

Sincerely,

A. Dominski, P.Eng. Supervisor
Waste Unit

cc: Brian Ward, Eastern Region
Jeff Columbus, Cornwall District Office



Ontario

Ministry of
Environment
and EnergyMinistère de
l'Environnement
et de l'ÉnergieNOTICE
Page 1 of 6

TO: The Corporation of the Township of Winchester
R.R. #4
Winchester, Ontario
K2E 7J5

You are hereby notified that Provisional Certificate of Approval No. A 482101 dated December 4, 1989 and all subsequent Notices of Amendment are hereby amended to include the approval of the establishment and operation of facilities for the acceptance, storage, packaging, and bulking of household hazardous waste and subsequent transfer of hazardous waste codes 145, 148, 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, in accordance with the following plans and specifications:

- i. 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.
- ii. The letter dated July 25, 1996 from Brenda L. Burrows-Rabb, Oliver, Mangione, McCalla & Associates Ltd. to Wilfred Ng, MOEE Approvals Branch.

In addition, the following conditions are added:

6. (a) The Household Hazardous Waste Transfer Facility shall be operated in accordance with the application for a Waste Disposal Site (Transfer) submitted September 10, 1996 and 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.
- (b) The letter dated July 25, 1996 from Brenda L. Burrows-Rabb, Oliver, Mangione, McCalla & Associates Ltd. to Wilfred Ng, MOEE Approvals Branch.
7. (a) The Township shall ensure that the wastes are stored in a safe and secure manner; that the operation of this facility does not interfere with any other activities associated with this site; and that the wastes are properly handled, packaged or contained so as not to pose any threat to the general public, site personnel and the environment.



Ontario

Ministry of
Environment
and EnergyMinistère de
l'Environnement
et de l'ÉnergieNOTICE
Page 2 of 6

- (b) No storage facilities other than those approved under this Certificate shall be used and fixed storage facilities shall not be moved, replaced or altered.
 - (c) Notwithstanding Condition 7 (a), all storage buildings and tanks shall be clearly marked indicating the type and nature of the hazardous waste stored. All points of access to the transfer storage facilities shall be posted to warn that the area contains hazardous materials. Smoking restrictions shall be adhered to and non-smoking signs posted as required by regulation.
 - (d) All storage buildings shall be properly ventilated and shall be constructed in compliance with fire regulations and municipal by-laws and approvals and in accordance with Ministry of Labour guidelines.
 - (e) All hazardous waste storage tanks and buildings shall be maintained under lock and key and access to these facilities shall be limited to trained site personnel.
 - (f) All storage facilities shall be inspected daily during operating hours by site personnel trained in contingency measures and all inspections shall be recorded and these records shall be maintained by the Township for a period of three years.
8. (a) No PCB's shall be accepted at this site. Oil and oil-based paints which have been manufactured prior to 1972; or whose manufacturing date cannot be determined, may contain PCBs and shall be handled in the manner prescribed:
- (i) The oil and oil-based paints shall not be mixed (bulked) with other paints prior to testing. Paints which are lab-packed are not considered to be mixed under this Certificate.
 - (ii) The oil and oil-based paints shall be tested for PCB content and shall be handled in the manner outlined in subcondition (a)(iii) if found to contain PCB.



Ontario

Ministry of
Environment
and EnergyMinistère de
l'Environnement
et de l'ÉnergieNOTICE
Page 3 of 6

(iii) If the oil and oil-based paints are found to have PCBs at or above levels identified in subcondition (a)(iv), it shall be forthwith reported to the MOEE District Manager and shall be managed in accordance with Regulation 362/92 and stored or removed from the site to an approved PCB storage site, in accordance with written instructions from the District Manager.

(iv) The oil and oil-based paints shall not be distributed for reuse if they have any measurable PCB content. The oil and oil-based paint is considered to be a PCB waste, if measured levels are equal to or greater than 50 parts per million.

(b) Except as specified in subcondition (a)(iv), paints collected at the site may be returned or sold to the general public for reuse provided all transactions are recorded by invoice. Information on the type and volume of paint returned to the public through this site shall be recorded in the report specified in Condition 9.

9. (a) The Township shall establish a monthly summary of waste received at the site which shall include, but not necessarily be limited to, the documentation of waste types and quantities, source of generation, and ultimate disposal sites; and document of spills and upsets and environmental and other problems encountered in operating this site.

(b) Wastes that are collected and stored shall be in amounts which can be safely handled on the site. In the event that larger amounts are received than anticipated, the Township shall have extra drums and lab-packed containers available on the premises for the storage of the additional waste collected. When site capacity is reached, arrangements for the removal of waste from the site shall be made as soon as possible, but in any event, within five (5) working days. Records shall be maintained each time the capacity is exceeded and submitted in the report specified in subcondition (c).

(c) The information collected under subcondition (a) and (b) shall be submitted in a report to the District Manager on or before the first day of December during each year of operation.



Ontario

Ministry of
Environment
and EnergyMinistère de
l'Environnement
et de l'ÉnergieNOTICE
Page 4 of 6

10. The Township shall ensure that only site personnel who are trained are on duty at all times during the operation of the site.
11. (a) Prior to commencing operations on the site, the Township shall have prepared an operation manual for use by site personnel which shall contain, but not necessarily be limited to the following:
 - (i) an outline of the responsibilities of site personnel;
 - (ii) personnel training protocols;
 - (iii) proper receiving and recording procedures (including recording procedures of wastes which are refused at the site);
 - (iv) paint waste identification, analysis information and separating procedures;
 - (v) proper storage, handling, sorting and shipping procedures;
 - (vi) contingency procedures to be followed by personnel in the event of spills, fire or other emergencies.
- (b) On commencing the Household Hazardous Waste Collection Program, a copy of the manual shall be placed in a central location on the site and this manual shall be accessible to all site personnel during operating hours.
12. The Township shall ensure that adequate fire fighting and contingency spill cleanup equipment is available at the site and that on-site supervisors are familiar with the use of such equipment and its location(s) on the site.
13. The local police and fire departments shall be informed of this site and this Certificate and shall be notified in writing of operating hours and any changes to scheduled operating hours prior to the changes being made.
14. Any spills shall be forthwith reported directly to the Ministry of Environment and Energy Spills Action Centre (1-800-268-6060) and shall be cleaned up immediately. A record of all spills and upsets, cleanup and corrective action shall be maintained and submitted in the report specified under Condition 9 (c).



Ontario

Ministry of
Environment
and EnergyMinistère de
l'Environnement
et de l'ÉnergieNOTICE
Page 5 of 6

15. Except as specified under Conditions 8(a)(iii) and (b), all waste collected shall be transported from the site by an approved waste management system and disposed of at landfill, transfer and processing sites certified to accept these types of wastes.

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

1. Condition 6 is included to ensure that this site is operated in accordance with the application and supporting information submitted by the Township, and not in a manner which the Director has not been asked to consider.
2. Conditions 7 and 8 are included to ensure that this site is used only to collect and handle approved waste from approved site users; and that the waste is stored in a secure and safe manner.
3. Condition 9 is to provide the Township and the Ministry of Environment and Energy with an assessment of the Household Hazardous Waste Collection Program.
4. Condition 10 and 11 is to ensure that the Household Hazardous Waste Collection Program is conducted in an organized manner by adequately trained persons to ensure the safety of the general public, site personnel and the environment.
5. Condition 12 is to ensure that any emergency which may occur on site can be dealt with as expeditiously as possible.
6. Condition 13 is to ensure the police and/or fire department personnel are adequately prepared for and are able to assist with the operation of the site and Household Hazardous Waste Collection Program day should an emergency arise.
7. Condition 14 is to ensure that all spills are reported and properly cleaned up.
8. Condition 15 is to ensure that all waste is transported and disposed of in an environmentally acceptable manner in accordance with legislation governing the handling of waste material.

In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990 c. E-19, you may by written notice served upon me and the Environmental Appeal Board within 15 days after receipt of this Notice, require a hearing by the Board. Section 142 of the Environmental Protection Act, as amended provides that the Notice requiring a hearing shall state:

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



Ontario

Ministry of
Environment
and Energy

Ministère de
l'Environnement
et de l'Énergie

NOTICE
Page 6 of 6

In addition to these legal requirements the Notice should also include:

3. *The name of the appellant;*
4. *The address of the appellant;*
5. *The Certificate of Approval number;*
6. *The date of the Certificate of Approval;*
7. *The name of the Director;*
8. *The municipality within which the waste disposal site is located;*

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

This Notice must be served upon:

The Secretary,
Environmental Appeal Board,
112 St. Clair Avenue West,
Suite 502,
Toronto, Ontario,
M4V 1N3.

AND

The Director,
Section 39, Environmental Protection Act,
Ministry of Environment and Energy,
250 Davisville Avenue, 3rd Floor,
Toronto, Ontario,
M4S 1H2

DATED AT TORONTO this 18th day of September, 1996.

A. Dominski, P. Eng.
Director
Section 39
Environmental Protection Act

AMENDMENT TO ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER A482101

Notice No. 5

Issue Date: June 8, 2015

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

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

You are hereby notified that I have amended Approval No. A482101 issued on December 4, 1989, as subsequently amended for the use and operation of an 8.1 hectare (20 acres) landfilling area with additional 14.13 hectare (34.89 acres) lands for use as Buffer and 22.04 hectares (54.42 acres) Contaminant Attenuation Zone , as follows:

1. EMERGENCY APPROVAL FOR CONTINUED LANDFILLING

Pursuant to Section 20.2 (1) of the Environmental Protection Act, a temporary approval lasting until January 31, 2016, is hereby granted for the continued landfilling operation at the Boyne Road Landfill Site, to alleviate the emergency situation for waste management in the local Township resulting from overfilling at the Site , as determined from the theoretical capacity estimate for the Site ;

2. ESTABLISHMENT AND OPERATION OF WEEE PROGRAM

Pursuant to Section 20.2 (1) of the Environmental Protection Act, approval is hereby granted for the establishment and operation of Waste Electrical and Electronic Equipment (WEEE) program at the Boyne Road Landfill Site, for the collection, temporary storage and transfer of WEEE;

3. RECEIPT OF NEW WASTE CLASSES AT THE HHW DEPOT

Pursuant to Section 20.2 (1) of the Environmental Protection Act, approval is hereby granted for the acceptance, storage, packing and/or bulking and subsequent transfer of additional hazardous waste codes **146T, 147I and 212L**, at the Household Hazardous Waste Depot;

4. ADDITION OF BUFFER/CONTAMINANT ATTENUATION LANDS

Pursuant to Section 20.2 (1) of the Environmental Protection Act, approval is hereby granted for the revision of the total site area from **8.1 hectares (20 acres)** to **22.23 hectares (54.89 acres)**, by adding parcels of lands for **use as Buffer, and additional 22.04 hectares (54.42 acres) Contaminant Attenuation Zone subject to Easement**. The waste fill area of 8.1 hectares (20 acres) remains unchanged. The additional **Buffer and/or Contaminant Attenuation** lands are described in a report dated January, 2015, prepared by Golder Associates Ltd., Item 4 of Schedule "A" attached to this *ECA* , as follows:

- (a) **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, owned by the Corporation of the Township of North Dundas, shown on Plan 8R-3142 dated July 22, 1991, as Part 2, Lot 8, Concession 6, Township of Winchester, County of Dundas;
- (b) **Buffer Zone 2** - A 7.2 hectares (17.8 acres) parcel of land that extends 150 metres south of Buffer Zone 1, owned by the Corporation of the Township of North Dundas, shown on Plan 8R-4441 dated January 7, 2002, as Part 1, part of Lot 8, Concession 6, Township of Winchester, County of Dundas;
- (c) **Buffer Zone 3** - A 4.29 hectares (10.59 acres) parcel of land south of Buffer Zone 2, owned by the Corporation of the Township of North Dundas, shown on Plan 8R-5197 dated June 15, 2011, as Part 7, Lot 8, Concession 6, Township of Winchester, County of Dundas; and
- (d) **Contaminant Attenuation Zone** - A 22.04 hectares (54.45 acres) parcel of land to the south and west of the landfill as shown on Figure 2, contained in Item 4 of Schedule "A", attached to this *Certificate* , includes that property owned by Blair Hutchinson, located at 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 Plan 8R-5197 dated June 15, 2011.

Whereas the rights of access and easement on the property listed under (d) above, for the purposes of groundwater contaminant attenuation has been secured by the Corporation of the Township of North Dundas as per the following document:

- (i) *Indenture* (Easement Agreement) made October 1, 2011 and signed on October 24, 2011, in respect of the property defined by PIN # 66149-0055 (Parts 1 to 6 inclusive, Lot 7, Concession 6), listed as Item 5 in Schedule "A", attached to this *ECA* .

all in accordance with the following documentation and subject to the terms and conditions listed herein:

DOCUMENTATION

The following items are hereby added to Schedule "A" and form part of the Environmental Compliance Approval No. A482101:

1. Environmental Compliance Approval Application dated May 14, 2013, signed by Angela Rutley, Chief Administrative Officer, the Corporation of the Township of North Dundas.
2. Report entitled "Design and Operations Plan", Boyne Road Landfill, Township of North Dundas, dated May 2013, prepared by Golder Associates Ltd..
3. 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.
4. Report entitled "Addendum To The Design and Operations Plan", Boyne Road Landfill, Township of North Dundas, dated January, 2015, prepared by Golder Associates Ltd.
5. *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.

For the purposes of this Environmental Compliance Approval and the terms and conditions specified herein, the following definitions apply:

DEFINITIONS

- (a) **"Approval"** or **"Certificate"** or **"ECA"** means this entire Environmental Compliance Approval No. A482101, issued in accordance with Section 20.3 of Part II.1 of the *Environmental Protection Act* (EPA) , and includes any schedules to it, the application and the supporting documentation listed in Schedule "A";
- (b) **"Township"** means The Corporation of the Township of North Dundas, and includes its successors and assigns;
- (c) **"Director "** means any *Ministry* employee appointed in writing by the Minister of the Environment and Climate Change pursuant to Section 5 of the EPA as a Director for the purposes of Part II.1 of the EPA;
- (d) **"District Manager "** means the District Manager of the local district office of the Ministry of the Environment and Climate Change in which the Site is geographically located or his/her representative;

- (e) **"EPA "** means *Environmental Protection Act* , R.S.O. 1990, c. E. 19, as amended;
- (f) **"Ministry"** means the Ontario Ministry of the Environment and Climate Change
- (g) **"Owner"** or **"Operator"** means any person that is responsible for the establishment or operation of the *Site* approved by this *Certificate* , and includes The Corporation of the Township of North Dundas, its successors and assigns;
- (h) **"OWRA"** means the *Ontario Water Resources Act*, R.S.O. 1990, c. O. 40, as amended;
- (i) **"Regional Director "** means the Regional Director of the local Regional Office of the Ministry of the Environment and Climate Change in which the Site is located.
- (j) **"Site "** means the entire waste disposal site described as the **8.1 hectares (20 acres) Landfilling area** within a total Waste Disposal Site area of **22.23 hectares (54.89 acres)**, including the Buffer lands; **and additional 22.04 hectares (54.42 acres) Contaminant Attenuation Zone subject to Easement**. The **Buffer (Zones 1 to 3) lands** are described as follows:
 - (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 7.2 hectares (17.8 acres) parcel of land that extends 150 metres south of Buffer Zone 1, located at Lot 8, Concession 6, Township of Winchester, County of Dundas, shown as Part 1 on Plan 8R-4441 dated January 7, 2002;
 - (iii) **Buffer Zone 3** - A 4.29 hectares (10.59 acres) parcel of land south of Buffer Zone 2, located at Lot 8, Concession 6, Township of Winchester, County of Dundas, shown as Part 7 on Plan 8R-5197 dated June 15, 2011.
- (k) **"CAZ"** means **Contaminant Attenuation Zone** being, the **22.04 hectares (54.42 acres)** of other lands to the south and west of the landfill site, owned by Blair Hutchinson, shown on Figure 2, contained in Item 4 of Schedule "A", attached to this *Certificate* , assembled for the purposes of expanding the Compliance Boundary for contaminant attenuation, and includes that property located at 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.
- (l) **"Indenture"** refers to **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.
- (m) **"WEEE"** refers to Waste Electrical and Electronic Equipment, and includes computers, printers, scanners, monitors, radios, stereos, televisions, VCR's, DVD players and telephones.

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

TERMS AND CONDITIONS

1.0 GENERAL PROVISIONS

Compliance

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

Interpretation

- 1.2 Where there is a conflict between a provision of any document, including the application, referred to in this *Certificate*, and the conditions of this *Certificate*, the conditions in this *Certificate* shall take precedence.
- 1.3 Where there is a conflict between the application and a provision in any documents listed in Schedule "A", the application shall take precedence, unless it is clear that the purpose of the document was to amend the application and that the *Ministry* approved the amendment.
- 1.4 Where there is a conflict between any two documents listed in Schedule "A", other than the application, the document bearing the most recent date shall take precedence.

Other Legal Obligations

- 1.5 The issuance of, and compliance with, this *Certificate* does not:
- (a) relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement; or
 - (b) limit in any way the authority of the *Ministry* to require certain steps be taken or to require the *Owner* to furnish any further information related to compliance with this *Certificate* ;

Adverse Effect

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

- 1.7 Despite an *Owner* , or any other person fulfilling any obligations imposed by this *Certificate*, the person remains responsible for any contravention of any other condition of this *Certificate* 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.
- 1.8 No portion of this *Site* shall be transferred or encumbered unless the *Director* is notified in advance and sufficient financial assurance, as applicable, is deposited with the *Ministry* to ensure that these conditions will be carried out. In the event of any change in ownership of the works, other than change to a successor municipality, the *Owner* shall notify the successor of and provide the successor with a copy of this *Certificate* , and the *Owner* shall provide a copy of the notification to the *District Manager* and the *Director*.

Inspections

- 1.9 No person shall hinder or obstruct a Ministry's authorized representative(s), upon presentation of credentials, from carrying out any and all inspections authorized by the *OWRA* , or the *EPA* , of any place to which this *Certificate* 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 *Certificate* are kept;
 - (b) to have access to, inspect, and copy any records required to be kept by the conditions of this *Certificate* ;
 - (c) to inspect the *Site*, related equipment and appurtenances;
 - (d) to inspect the practices, procedures, or monitoring/maintenance required by the conditions of this *Certificate* ; and
 - (e) to sample and monitor for the purposes of assessing compliance with the terms and conditions of this *Certificate* or the *EPA* , or the *OWRA* or any applicable legislation.

Information and Record Retention

- 1.10 Any information requested, by the *Ministry* , concerning the *Site*, under this *Certificate* , including but not limited to any records required to be kept by this *Certificate* shall be provided to the *Ministry* , upon request, in a timely manner. Records shall be retained for the contaminating life span of the *Site* except for as otherwise authorized in writing by the *Director*.
- 1.11 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 *Certificate* 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 *Certificate* or any statute, regulation or other legal requirement; or
 - (b) acceptance by the *Ministry*, of the information's completeness or accuracy.

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

Certificate of Requirement

- 1.13 Pursuant to Section 197 of the *EPA*, no person having an interest in the *Site* shall deal in any way with the *Site* without first giving a copy of this *Certificate* to each person acquiring an interest in the *Site* as a result of the dealing.
- 1.14 The *Owner* shall:
- (a) within sixty (60) calendar days from the date of issuance of this *Certificate*, submit to the *Director* for his/her signature:
 - (i) plans of survey of the Buffer Zones 1, 2, 3 and the *CAZ*, prepared, signed and sealed by a licensed Ontario Land Surveyor;
 - (ii) proof of ownership, as appropriate;
 - (iii) legal abstract of the properties in (i) above;
 - (iv) copy of the entire *Indenture* referred to as the 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, listed as Item 5 of Schedule "A", attached to this *ECA*; and,
 - (v) a completed Certificate of Requirement, and its supporting documents, containing a registerable description of the Buffer Zones 1, 2, and 3, and a completed Certificate of Requirement for the entire *Indenture* referred to as the Contaminant Attenuation Zone Easement Agreement made on October 1, 2011 and signed on October 24, 2011, between Blair Hutchinson and the Township of North Dundas, in accordance with Form 4 of Regulation 688 under Land Registration Reform Act, R.R.O. 1990c. L.4, as amended.
 - (vi) Section 8 of Form 4, above, shall be completed in accordance with the wording in Schedule "B" of this *Approval*.
 - (b) within fifteen (15) calendar days of receiving the Certificate of Requirement signed/authorized by the *Director*, the *Owner* shall:
 - (i) register the Certificate of Requirement in the appropriate Land Registry Office on the title to the Buffer Zones 1, 2, and 3; and
 - (ii) submit to the *Director*, copy to the *District Manager*, a written verification that the Certificate of Requirement has been duly registered on title to the Buffer Zones 1, 2, and 3.
 - (c) within fifteen (15) calendar days of receiving the Certificate of Requirement signed/authorized by the *Director*, the *Owner* shall:

- (i) register the entire *Indenture* referred to as the Contaminant Attenuation Zone Easement Agreement made on October 1, 2011 and signed on October 24, 2011, between Blair Hutchinson and the Township of North Dundas, in the appropriate Land Registry Office on title to the *CAZ* lands; and,
 - (ii) submit to the *Director* , copy to the *District Manager* , proof of registration of the entire *Indenture* on the title to the *CAZ* lands.
- (d) The *Township* shall not amend, or remove, or consent to the removal of the *Indenture* , or the removal of the *CAZ* from title of the property without the prior approval of the *Director* .

2.0 CONTINUED USE OF THE SITE FOR LANDFILLING

- 2.1 The *Township* may continue landfilling operation at the Boyne Road Landfill Site until January 31, 2016, to alleviate the emergency situation for waste management in the *Township* resulting from overfilling at the *Site* . No waste shall be landfilled at the *Site* after January 31, 2016 without the approval of the *Director* .
- 2.2 Except as provided by the conditions in this *ECA* and applicable Legislation, landfilling operation at the *Site*, as provided in Condition 2.1 above, shall be in accordance with Item 2 of Schedule "A", as amended by Item 4 of Schedule "A", attached to this *Approval* .
- 2.3 By August 31, 2015, the *Township* shall submit to the *District Manager* , a plan for the long-term management of the waste for the affected users of the *Site* .
- 2.4 Where it is not proposed to continue landfilling operation at the *Site* beyond January 31, 2016, the *Township* shall submit for the approval of the *Director* , with copy to the *District Manager* , a detailed Closure Plan, to permanently close the *Site* for landfilling operations, post-closure inspections and maintenance, monitoring and reporting, and the end-use for the *Site* . The Closure Plan shall be submitted by November 1, 2015, and shall include, at least the following:
- (a) A plan showing site appearance after closure;
 - (b) A description of the proposed end-use of the *Site* ;
 - (c) Descriptions of the procedures for the closure of the *Site* , including:
 - (i) Advance notification of the public of the landfill closure;
 - (ii) Posting of a sign at the *Site* entrance indicating the landfill is closed and identifying any alternative waste disposal arrangements;
 - (iii) Completion, inspection and maintenance of the final cover and landscaping;
 - (iv) Site security;
 - (v) Removal of unnecessary landfill-related structures, buildings and facilities; and,
 - (vi) Final construction of any control, treatment, disposal and monitoring facilities for leachate, groundwater, surface water and landfill gas;

- (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 (if any);
 - (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 landfill gas; and
- (f) An updated estimate of the contaminating life span of the *Site* , based on the results of the monitoring programs to date.

3.0 WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE) FACILITY

- 3.1 The operation of the *WEEE* facility at the *Site* shall be limited to the collection, storage and transfer of *WEEE* that are accepted under the *WEEE* Program Plan as approved by the *Ministry* and administered by the Ontario Electronic Stewardship (OES) and includes the following items, as listed in letter dated January 29, 2015, included in Appendix "B" of Item 4 in Schedule "A", attached to this :
 - (i) Desktop, portable and personal hand-held computers;
 - (ii) Display devices (including monitors and televisions);
 - (iii) Computer peripherals (mice, keyboards, external hard drives, floppy-disk drives, optical drives and modems);
 - (iv) Printing, copying and Multi-function devices (including printers, photocopiers, scanners, fax machines and typewriters)
 - (v) Telephones and telephone answering machines, cellular devices, and pagers;
 - (iv) Image, audio and video devices (tape, disk, digital audio and video players and recorders radios, receivers, speakers, turntables, digital frames, cameras, equalizers, amplifiers, and video projectors).
- 3.2 The maximum quantity of *WEEE* received at the *WEEE* facility shall not exceed two (2) tonnes on each operating day, with a maximum accumulated storage on-site not to exceed five (5) tonnes at any time. The maximum quantity of *WEEE* received at the *WEEE* facility shall not exceed fifty-two (52) tonnes per year.
- 3.3 The *Township* may increase the type and quantity of *WEEE* materials managed at the *WEEE* facility as Ontario Electronic Stewardship (OES) programs are brought forward to increase the diversion of *WEEE* designated materials (Schedules 1 through 7, O. Reg.393/04), subject to the availability of storage capacity and prior written approval of the *District Manager* .
- 3.4 The *WEEE* shall be stored in 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.

3.5 The *Township* 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.

3.6 The *Township* shall maintain separate records for all wastes received at all on-site Waste Management Facilities. 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* .

3.7 The *Township* shall ensure that an up-to-date operations manual is maintained at the *Site* for use by site personnel during the operating lives of all on-site Waste Management Facilities. The operations manual shall contain as a minimum, the following information:

- (a) outline of the responsibilities of site personnel;
- (b) personnel training protocol;
- (c) proper receiving and recording procedures, including recording procedures for wastes which are refused at the *Site* ;
- (d) identification of all wastes and procedures for bulking/separation;
- (e) proper storage, handling, sorting and shipping procedures;
- (f) contingency procedures to be followed by personnel in the event of spill, fire and any other emergencies.

3.8 The *Township* shall ensure that a copy of the up-to-date operations manual for the operations of all on-site Waste Management Facilities, is submitted to the *District Manager* for his/her information.

3.9 The *Township* shall ensure that the storage facilities for the operations of all on-site Waste Management Facilities meet the local fire regulations and the storage capacities for the respective structures and/or containers.

3.10 All wastes generated at the on-site Waste Management Facilities shall be managed and disposed of in accordance with the *EPA* and Ontario Regulation 347, as amended.

4.0 **INSPECTION AND MAINTENANCE**

4.1 The *Township* shall conduct regular inspections of the *Site* , including the active waste tipping area, all on-site Waste Management Facilities and associated equipment, buildings/shacks, final cover, security fencing and barriers, to ensure that all are maintained in good working order and secure at all times and to ensure that no off-site impacts such as vermin, vectors, odour, dust, and litter, result from the operations of the *Site* and Waste Management Facilities, to cause any nuisance or adverse

effect on the environment.

- 4.2 If any inspection indicates that there is an area of ponding or zero slope in the final soil capped area, and/or any deficiencies detected during these regular inspections, the *Township* shall take all steps necessary to provide positive drainage and rehabilitate the final soil cap, and/or any deficiencies detected as soon as practically possible.
- 4.3 A written record of the inspections shall be maintained at the *Site* , and shall include the following:
- (a) name and signature of trained personnel conducting the inspection;
 - (b) date and time of the inspection;
 - (c) list of equipment and Facilities inspected and all deficiencies and/or any nuisance impacts observed;
 - (d) a detailed description of any maintenance/repairs carried out and/or remedial action taken in order to control the nuisance;
 - (e) date and time of maintenance/repair activity; and,
 - (f) recommendations for remedial action and any preventative measures taken to prevent future reoccurrences.

5.0 ENVIRONMENTAL CONTROL AND MONITORING

- 5.1 Subject to the inclusion of monitoring well, MW7 in the existing regular monitoring program for groundwater quality monitoring, the *Township* shall carry out monitoring programs for groundwater/leachate and surface water, as summarized in Tables 3 and 4, respectively, in Item 2 of Schedule "A", attached to this Approval, and as per written instructions of the *District Manager* , through the review of the Annual Monitoring Reports, and any related OWRA requirements.
- 5.2 By December 31, 2015, the *Township* shall submit to the *Director* for approval, copied to the *District Manager* , a Land Use Permit obtained from the Ministry of Natural Resources and Forestry, permitting the use of the Crown lands to the north of the *Site* as contaminant attenuation zone, to bring the *Site* in compliance with Guideline B-7. Failing the acquisition of a Land Use Permit, as noted in this condition, the *Township* shall submit for the approval of the *Director* , copy to the *District Manager* , a proposed plan to bring the *Site* into compliance with Guideline B-7.
- 5.3 The *Township* shall ensure by means of a water monitoring program, that the *Site* shall be in compliance with the *Ministry's* Reasonable Use Guideline (Guideline B-7) for groundwater, and the Provincial Water Quality Objectives (PWQO) for surface water.
- 5.4 Where groundwater interacts with surface water/wetland and test results confirm non-compliance with the Provincial Water Quality Objectives, an assessment of the potential impact of the discharging groundwater quality on the receiving surface water/wetland, along with mitigation action, as necessary, shall be carried out.
- 5.5 A recommendation to change the monitoring programs under this *Approval* , including reporting frequency, may be made in the Annual Monitoring Report, based on the results to date, and may be

implemented, subject to the prior written concurrence of the *District Manager* .

- 5.6 Any groundwater/leachate monitoring well or landfill gas probe, included in the monitoring program that gets damaged or in any way made inoperable for sampling, shall be assessed, repaired, replaced or decommissioned, as the case may be, by the *Township* .

Surface Water Management

- 5.7 The *Township* 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.

Landfill Gas Monitoring

- 5.8 The *Township* shall ensure that all buildings and structures existing at the *Site* or to be built on-*Site* which at times are occupied by people, or contains electrical equipment, or a potential source of ignition, are situated, constructed and monitored in a manner which minimizes the potential for explosive hazards due to landfill gas.

6.0 TRIGGER MECHANISM AND CONTINGENCY PLANS

- 6.1 The *Township* shall follow the trigger mechanism for groundwater/leachate and surface water, as described in Section 6.0 in Item 2 of Schedule "A", attached to this *Approval* , and as per written recommendations of the *District Manager* , through the review of the Annual Monitoring Reports.
- 6.2 Notwithstanding Condition 6.1 above, the *Township* shall employ 75th percentile of PWQO at the background station, as trigger concentration for all trigger parameters.
- 6.3 In the event of a confirmed exceedance of the site-specific trigger level relating to groundwater/leachate, or surface water impacts due to leachate, the *Township* 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 *Township* in accordance with the trigger mechanisms and associated contingency plans, as described in Section 6.2 and 6.4 in Item 2 of Schedule "A", attached to this *Approval* .
- 6.4 A recommendation to change the site-specific trigger mechanism for leachate impacts to the groundwater and/or surface, under this *Approval* , may be made in the Annual Monitoring Report, based on the results to date, and may be implemented, subject to the prior written concurrence of the *District Manager*.

7.0 ANNUAL REPORT

- 7.1 **By March 31, of each year**, the *Township* shall submit to the *District Manager* , an Annual Monitoring Report, prepared by a qualified professional engineer or geoscientist, covering the results of the *Site* operations, inspection/maintenance and monitoring of the *Site* . The Annual

Monitoring Report shall cover the preceding calendar year, and shall include, as a minimum, the following:

- (a) an updated drawing(s) indicating all leachate, groundwater, surface water and landfill gas monitoring locations, including off-site monitoring wells, if any;
- (b) tables outlining monitoring locations, analytical parameters of sampled water and frequency of sampling;
- (c) 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;
- (d) an assessment of the adequacy of and need to implement contingency measures for groundwater/leachate and surface water;
- (e) an assessment of the water quality with respect to the Ontario Reasonable Use Guidelines (Guideline B-7) and/or the Provincial Water Quality Objectives;
- (f) the status of compliance with all conditions of the *Approval* , including the operation, inspection, maintenance, monitoring and reporting requirements for all waste management activities at the *Site* ; and,
- (g) recommendations with respect to any proposed changes in the inspection/maintenance and monitoring of the landfill site and/or the reporting frequency.

REASONS

The reason(s) for this amendment to the Approval is (are) as follows:

1. The reason for **Conditions 1.1 to 1.7** and **1.10 to 1.12** is to clarify the legal rights and responsibilities of the *Township*.
2. The reasons for **Condition 1.8** are to restrict potential transfer or encumbrance of the *Site* without the approval of the *Director* and to ensure that any transfer or encumbrance can be made only on the basis that it will not endanger compliance with this *Certificate* .
4. The reason for **Condition 1.9** is to ensure that appropriate *Ministry* staff have ready access to the *Site* for inspection of facilities, equipment, practices and operations required by the conditions in this *Certificate* . This condition is supplementary to the powers of entry afforded a Provincial Officer pursuant to the *EPA* and *OWRA* .
5. The reason for **Conditions 1.13** and **1.14** is to ensure 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.
6. The reasons for **Conditions 2.1** and **2.3** are to allow temporary operation of landfilling to alleviate

emergency situation for waste management in the *Township* resulting from overfilling at the *Site*, and to develop long-term waste management plan.

7. The reason for **Conditions 2.2, 3.1 to 3.4, 5.5 and 6.4** is to ensure the *Site* is designed, developed, operated or closed, 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.
8. The reasons for **Conditions 2.4** are to ensure that waste disposal ceases at the *Site* having reached its capacity, and to ensure that *Site* closure is completed in an aesthetically pleasing manner, to provide long-term protection of the natural environment.
9. The reason for **Conditions 3.5, 3.7 to 3.10, 4.1 and 4.2** is to ensure 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 reasons for **Conditions 3.6 and 4.3** are to provide for the proper assessment of effectiveness and efficiency of the *Site* performance, its effect or relationship to any nuisance or environmental impacts, and the occurrence and prompt response to any public concerns. Record keeping is necessary to determine compliance with this *Approval*, the *EPA* and its regulations.
11. The reasons for **Conditions 5.1 to 5.9** are 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 action can be taken.
12. The reasons for **Condition 6.1 to 6.3** are to ensure that the *Township* follows a plan with an organized set of procedures for identifying and responding to unexpected but possible problems at the *Site*. A remedial action / contingency plan is necessary to ensure protection of the natural environment and public health and safety.
13. The reasons for **Condition 7.1** are to ensure that regular review of *Site* operations and monitoring data is documented and any possible improvements to the *Site* operations or monitoring programs are identified. An annual report is an important tool used in reviewing *Site* activities and for determining conformance of this *Certificate*, the *EPA* and its regulations.

This Notice shall constitute part of the approval issued under Approval No. A482101 dated December 4, 1989, as amended.

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review 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 shall state:

1. 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;

2. 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:

3. The name of the appellant;
4. The address of the appellant;
5. The environmental compliance approval number;
6. The date of the environmental compliance approval;
7. The name of the Director, and;
8. 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:

The Secretary*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

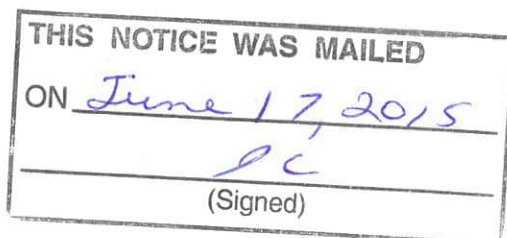
AND

The Director appointed for the purposes of
Part II.1 of the Environmental Protection Act
Ministry of the Environment and
Climate Change
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 314-3717 or www.ert.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 8th day of June, 2015



Dale Gable, P.Eng.

Director

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

DO/

- c: Area Manager, MOECC Cornwall
c: District Manager, MOECC Ottawa
Paul Smolkin/Yannick Marcerou, Golder Associates Ltd.

AMENDMENT TO ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER A482101

Notice No. 6

Issue Date: July 10, 2015

The Corporation of the Township of North Dundas
636 St. Lawrence St P.O. Box 489, Winchester
North Dundas, Ontario
K0C 2K0

Site Location: Boyne Road Landfill
Lot 8, Concession 4
North Dundas Township, United Counties of Stormont, Dundas and Glengarry

You are hereby notified that I have amended Approval No. A482101 issued on December 4, 1989, as subsequently amended for the use and operation of an 8.1 hectare (20 acres) landfilling area with additional 14.13 hectare (34.89 acres) lands for use as Buffer and 22.04 hectares (54.42 acres) Contaminant Attenuation Zone , as follows:

1. EMERGENCY APPROVAL FOR CONTINUED LANDFILLING

Pursuant to Section 20.2 (1) of the Environmental Protection Act, a temporary approval lasting until January 31, 2016, is hereby granted for the continued landfilling operation at the Boyne Road Landfill Site, to alleviate the emergency situation for waste management in the local Township resulting from overfilling at the *Site* , as determined from the theoretical capacity estimate for the *Site* ;

2. ESTABLISHMENT AND OPERATION OF WEEE PROGRAM

Pursuant to Section 20.2 (1) of the Environmental Protection Act, approval is hereby granted for the establishment and operation of Waste Electrical and Electronic Equipment (WEEE) program at the Boyne Road Landfill Site, for the collection, temporary storage and transfer of WEEE;

3. RECEIPT OF NEW WASTE CLASSES AT THE HHW DEPOT

Pursuant to Section 20.2 (1) of the Environmental Protection Act, approval is hereby granted for the acceptance, storage, packing and/or bulking and subsequent transfer of additional hazardous waste codes **146T, 147I and 212L**, at the Household Hazardous Waste Depot;

4. ADDITION OF BUFFER/CONTAMINANT ATTENUATION LANDS

Pursuant to Section 20.2 (1) of the Environmental Protection Act, approval is hereby granted for the revision of the total site area from **8.1 hectares** (20 acres) to **22.23 hectares (54.89 acres)**, by adding parcels of lands for **use as Buffer, and additional 22.04 hectares (54.42 acres)**

Contaminant Attenuation Zone subject to Easement. The waste fill area of 8.1 hectares (20 acres) remains unchanged. The additional **Buffer and/or Contaminant Attenuation** lands are described in a report dated January, 2015, prepared by Golder Associates Ltd., Item 4 of Schedule "A" attached to this *ECA* , as follows:

- (a) **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, owned by the Corporation of the Township of North Dundas, shown on Plan 8R-3142 dated July 22, 1991, as Part 2, Lot 8, Concession 6, Township of Winchester, County of Dundas;
- (b) **Buffer Zone 2** - A 7.2 hectares (17.8 acres) parcel of land that extends 150 metres south of Buffer Zone 1, owned by the Corporation of the Township of North Dundas, shown on Plan 8R-4441 dated January 7, 2002, as Part 1, part of Lot 8, Concession 6, Township of Winchester, County of Dundas;
- (c) **Buffer Zone 3** - A 4.29 hectares (10.59 acres) parcel of land south of Buffer Zone 2, owned by the Corporation of the Township of North Dundas, shown on Plan 8R-5197 dated June 15, 2011, as Part 7, Lot 8, Concession 6, Township of Winchester, County of Dundas; and
- (d) **Contaminant Attenuation Zone** - A 22.04 hectares (54.45 acres) parcel of land to the south and west of the landfill as shown on Figure 2, contained in Item 4 of Schedule "A", attached to this *Certificate* , includes that property owned by Blair Hutchinson, located at 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 Plan 8R-5197 dated June 15, 2011.

Whereas the rights of access and easement on the property listed under (d) above, for the purposes of groundwater contaminant attenuation has been secured by the Corporation of the Township of North Dundas as per the following document:

- (i) *Indenture* (Easement Agreement) made October 1, 2011 and signed on October 24, 2011, in respect of the property defined by PIN # 66149-0055 (Parts 1 to 6 inclusive, Lot 7, Concession 6), listed as Item 5 in Schedule "A", attached to this *ECA* .

all in accordance with the following documentation and subject to the terms and conditions listed herein:

DOCUMENTATION

The following items are hereby added to Schedule "A" and form part of the Environmental Compliance Approval No. A482101:

1. Environmental Compliance Approval Application dated May 14, 2013, signed by Angela Rutley, Chief Administrative Officer, the Corporation of the Township of North Dundas.
2. Report entitled "Design and Operations Plan", Boyne Road Landfill, Township of North Dundas, dated May 2013, prepared by Golder Associates Ltd..
3. 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.
4. Report entitled "Addendum To The Design and Operations Plan", Boyne Road Landfill, Township of North Dundas, dated January, 2015, prepared by Golder Associates Ltd.
5. *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.

For the purposes of this Environmental Compliance Approval and the terms and conditions specified herein, the following definitions apply:

DEFINITIONS

- (a) **"Approval"** or **"Certificate"** or **"ECA"** means this entire Environmental Compliance Approval No. A482101, issued in accordance with Section 20.3 of Part II.1 of the *Environmental Protection Act* (EPA), and includes any schedules to it, the application and the supporting documentation listed in Schedule "A";
- (b) **"Township"** means The Corporation of the Township of North Dundas, and includes its successors and assigns;
- (c) **"Director"** means any *Ministry* employee appointed in writing by the Minister of the Environment and Climate Change pursuant to Section 5 of the EPA as a Director for the purposes of Part II.1 of the EPA;
- (d) **"District Manager"** means the District Manager of the local district office of the Ministry of the Environment and Climate Change in which the Site is geographically located or his/her

representative;

- (e) "**EPA** " means *Environmental Protection Act* , R.S.O. 1990, c. E. 19, as amended;
- (f) "**Ministry**" means the Ontario Ministry of the Environment and Climate Change
- (g) "**Owner**" or "**Operator**" means any person that is responsible for the establishment or operation of the *Site* approved by this *Certificate* , and includes The Corporation of the Township of North Dundas, its successors and assigns;
- (h) "**OWRA**" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O. 40, as amended;
- (i) "**Regional Director** " means the Regional Director of the local Regional Office of the Ministry of the Environment and Climate Change in which the Site is located.
- (j) "**Site** " means the entire waste disposal site described as the **8.1 hectares (20 acres)** Landfilling area within a total Waste Disposal Site area of **22.23 hectares (54.89 acres)**, including the Buffer lands; and **additional 22.04 hectares (54.42 acres) Contaminant Attenuation Zone subject to Easement**. The **Buffer (Zones 1 to 3) lands** are described as follows:
 - (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 7.2 hectares (17.8 acres) parcel of land that extends 150 metres south of Buffer Zone 1, located at Lot 8, Concession 6, Township of Winchester, County of Dundas, shown as Part 1 on Plan 8R-4441 dated January 7, 2002;
 - (iii) **Buffer Zone 3** - A 4.29 hectares (10.59 acres) parcel of land south of Buffer Zone 2, located at Lot 8, Concession 6, Township of Winchester, County of Dundas, shown as Part 7 on Plan 8R-5197 dated June 15, 2011.
- (k) "**CAZ**" means **Contaminant Attenuation Zone** being, the **22.04 hectares (54.42 acres)** of other lands to the south and west of the landfill site, owned by Blair Hutchinson, shown on Figure 2, contained in Item 4 of Schedule "A", attached to this *Certificate* , assembled for the purposes of expanding the Compliance Boundary for contaminant attenuation, and includes that property located at 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.
- (l) "**Indenture**" refers to **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.

- (m) "**WEEE**" refers to Waste Electrical and Electronic Equipment, and includes computers, printers, scanners, monitors, radios, stereos, televisions, VCR's, DVD players and telephones.

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

TERMS AND CONDITIONS

1.0 GENERAL PROVISIONS

Compliance

- 1.1 (a) **This Notice replaces Notice No. 5, issued on June 8, 2015.**
- (b) The *Owner* shall ensure compliance with all the conditions of this *Certificate* and shall ensure that any person authorized to carry out work on any aspect of the *Site* is notified of this *Certificate* and the conditions herein and shall take all reasonable measures to ensure any such person complies with the same.

Interpretation

- 1.2 Where there is a conflict between a provision of any document, including the application, referred to in this *Certificate*, and the conditions of this *Certificate*, the conditions in this *Certificate* shall take precedence.
- 1.3 Where there is a conflict between the application and a provision in any documents listed in Schedule "A", the application shall take precedence, unless it is clear that the purpose of the document was to amend the application and that the *Ministry* approved the amendment.
- 1.4 Where there is a conflict between any two documents listed in Schedule "A", other than the application, the document bearing the most recent date shall take precedence.

Other Legal Obligations

- 1.5 The issuance of, and compliance with, this *Certificate* does not:
- (a) relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement; or
- (b) limit in any way the authority of the *Ministry* to require certain steps be taken or to require the *Owner* to furnish any further information related to compliance with this *Certificate* ;

Adverse Effect

- 1.6 The *Owner* shall take steps to minimize and ameliorate any adverse effect on the natural environment or impairment of water quality resulting from the *Site* , including such accelerated or additional monitoring as may be necessary to determine the nature and extent of the effect or impairment.
- 1.7 Despite an *Owner* , or any other person fulfilling any obligations imposed by this *Certificate*, the person remains responsible for any contravention of any other condition of this *Certificate* 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.
- 1.8 No portion of this *Site* shall be transferred or encumbered unless the *Director* is notified in advance and sufficient financial assurance, as applicable, is deposited with the *Ministry* to ensure that these conditions will be carried out. In the event of any change in ownership of the works, other than change to a successor municipality, the *Owner* shall notify the successor of and provide the successor with a copy of this *Certificate* , and the *Owner* shall provide a copy of the notification to the *District Manager* and the *Director*.

Inspections

- 1.9 No person shall hinder or obstruct a Ministry's authorized representative(s), upon presentation of credentials, from carrying out any and all inspections authorized by the *OWRA* , or the *EPA* , of any place to which this *Certificate* 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 *Certificate* are kept;
 - (b) to have access to, inspect, and copy any records required to be kept by the conditions of this *Certificate* ;
 - (c) to inspect the *Site*, related equipment and appurtenances;
 - (d) to inspect the practices, procedures, or monitoring/maintenance required by the conditions of this *Certificate* ; and
 - (e) to sample and monitor for the purposes of assessing compliance with the terms and conditions of this *Certificate* or the *EPA* , or the *OWRA* or any applicable legislation.

Information and Record Retention

- 1.10 Any information requested, by the *Ministry* , concerning the *Site*, under this *Certificate* , including but not limited to any records required to be kept by this *Certificate* shall be provided to the *Ministry* , upon request, in a timely manner. Records shall be retained for the contaminating life span of the *Site* except for as otherwise authorized in writing by the *Director*.
- 1.11 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 *Certificate* 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 *Certificate* or any statute, regulation or other legal requirement; or

(b) acceptance by the *Ministry*, of the information's completeness or accuracy.

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

Certificate of Requirement

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

1.14 The *Owner* shall:

(a) within sixty (60) calendar days from the date of issuance of this *Certificate*, submit to the *Director* for his/her signature:

- (i) plans of survey of the Buffer Zones 1, 2, 3 and the CAZ, prepared, signed and sealed by a licensed Ontario Land Surveyor;
- (ii) proof of ownership, as appropriate;
- (iii) legal abstract of the properties in (i) above;
- (iv) copy of the entire *Indenture* referred to as the 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, listed as Item 5 of Schedule "A", attached to this *ECA*; and,
- (v) a completed Certificate of Requirement, and its supporting documents, containing a registerable description of the Buffer Zones 1, 2, and 3, and a completed Certificate of Requirement for the entire *Indenture* referred to as the Contaminant Attenuation Zone Easement Agreement made on October 1, 2011 and signed on October 24, 2011, between Blair Hutchinson and the Township of North Dundas, in accordance with Form 4 of Regulation 688 under Land Registration Reform Act, R.R.O. 1990c. L.4, as amended.
- (vi) Section 8 of Form 4, above, shall be completed in accordance with the wording in Schedule "B" of this *Approval*.

(b) within fifteen (15) calendar days of receiving the Certificate of Requirement signed/authorized by the *Director*, the *Owner* shall:

- (i) register the Certificate of Requirement in the appropriate Land Registry Office on the title to the Buffer Zones 1, 2, and 3; and
- (ii) submit to the *Director*, copy to the *District Manager*, a written verification that the Certificate of Requirement has been duly registered on title to the Buffer Zones 1, 2, and

3.

- (c) within fifteen (15) calendar days of receiving the Certificate of Requirement signed/authorized by the *Director* , the *Owner* shall:
 - (i) register the entire *Indenture* referred to as the Contaminant Attenuation Zone Easement Agreement made on October 1, 2011 and signed on October 24, 2011, between Blair Hutchinson and the Township of North Dundas, in the appropriate Land Registry Office on title to the CAZ lands; and,
 - (ii) submit to the *Director* , copy to the *District Manager* , proof of registration of the entire *Indenture* on the title to the CAZ lands.
- (d) The *Township* shall not amend, or remove, or consent to the removal of the *Indenture* , or the removal of the CAZ from title of the property without the prior approval of the *Director* .

2.0 CONTINUED USE OF THE SITE FOR LANDFILLING

- 2.1 The *Township* may continue landfilling operation at the Boyne Road Landfill Site until January 31, 2016, to alleviate the emergency situation for waste management in the *Township* resulting from overfilling at the *Site* . No waste shall be landfilled at the *Site* after January 31, 2016 without the approval of the *Director* .
- 2.2 Except as provided by the conditions in this *ECA* and applicable Legislation, landfilling operation at the *Site*, as provided in Condition 2.1 above, shall be in accordance with Item 2 of Schedule "A", as amended by Item 4 of Schedule "A", attached to this *Approval* .
- 2.3 By August 31, 2015, the *Township* shall submit to the *District Manager* , a plan for the long-term management of the waste for the affected users of the *Site* .
- 2.4 (1) Where it is not proposed to continue landfilling operation at the *Site* beyond January 31, 2016, the *Township* shall submit for the approval of the *Director* , with copy to the *District Manager* , a detailed Closure Plan, to permanently close the *Site* for landfilling operations, post-closure inspections and maintenance, monitoring and reporting, and the end-use for the *Site* . The Closure Plan shall be submitted by January 1, 2016, and shall include, at least the following:
 - (a) A plan showing site appearance after closure;
 - (b) A description of the proposed end-use of the *Site* ;
 - (c) Descriptions of the procedures for the closure of the *Site* , including:
 - (i) Advance notification of the public of the landfill closure;
 - (ii) Posting of a sign at the *Site* entrance indicating the landfill is closed and identifying any alternative waste disposal arrangements;
 - (iii) Completion, inspection and maintenance of the final cover and landscaping;

- (iv) Site security;
 - (v) Removal of unnecessary landfill-related structures, buildings and facilities; and,
 - (vi) Final construction of any control, treatment, disposal and monitoring facilities for leachate, groundwater, surface water and landfill gas;
- (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 (if any);
 - (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 landfill 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) Upon the site ceasing accepting waste, the Owner shall place 300 mm of interim clayey cover until an approved Closure Plan has been approved into the ECA.

3.0 WASTE ELECTRICAL AND ELECTRONIC EQUIPMENT (WEEE) FACILITY

- 3.1 The operation of the *WEEE* facility at the *Site* shall be limited to the collection, storage and transfer of *WEEE* that are accepted under the *WEEE* Program Plan as approved by the *Ministry* and administered by the Ontario Electronic Stewardship (OES) and includes the following items, as listed in letter dated January 29, 2015, included in Appendix "B" of Item 4 in Schedule "A", attached to this :
- (i) Desktop, portable and personal hand-held computers;
 - (ii) Display devices (including monitors and televisions);
 - (iii) Computer peripherals (mice, keyboards, external hard drives, floppy-disk drives, optical drives and modems);
 - (iv) Printing, copying and Multi-function devices (including printers, photocopiers, scanners, fax machines and typewriters)
 - (v) Telephones and telephone answering machines, cellular devices, and pagers;
 - (iv) Image, audio and video devices (tape, disk, digital audio and video players and recorders radios, receivers, speakers, turntables, digital frames, cameras, equalizers, amplifiers, and video projectors).
- 3.2 The maximum quantity of *WEEE* received at the *WEEE* facility shall not exceed two (2) tonnes on each operating day, with a maximum accumulated storage on-site not to exceed five (5) tonnes at any time. The maximum quantity of *WEEE* received at the *WEEE* facility shall not exceed fifty-two (52) tonnes per year.

- 3.3 The *Township* may increase the type and quantity of *WEEE* materials managed at the *WEEE* facility as Ontario Electronic Stewardship (OES) programs are brought forward to increase the diversion of *WEEE* designated materials (Schedules 1 through 7, O. Reg.393/04), subject to the availability of storage capacity and prior written approval of the *District Manager* .
- 3.4 The *WEEE* shall be stored in 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.
- 3.5 The *Township* 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.
- 3.6 The *Township* shall maintain separate records for all wastes received at all on-site Waste Management Facilities. 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* .
- 3.7 The *Township* shall ensure that an up-to-date operations manual is maintained at the *Site* for use by site personnel during the operating lives of all on-site Waste Management Facilities. The operations manual shall contain as a minimum, the following information:
- (a) outline of the responsibilities of site personnel;
 - (b) personnel training protocol;
 - (c) proper receiving and recording procedures, including recording procedures for wastes which are refused at the *Site* ;
 - (d) identification of all wastes and procedures for bulking/separation;
 - (e) proper storage, handling, sorting and shipping procedures;
 - (f) contingency procedures to be followed by personnel in the event of spill, fire and any other emergencies.
- 3.8 The *Township* shall ensure that a copy of the up-to-date operations manual for the operations of all on-site Waste Management Facilities, is submitted to the *District Manager* for his/her information.
- 3.9 The *Township* shall ensure that the storage facilities for the operations of all on-site Waste Management Facilities meet the local fire regulations and the storage capacities for the respective structures and/or containers.
- 3.10 All wastes generated at the on-site Waste Management Facilities shall be managed and disposed of in accordance with the *EPA* and Ontario Regulation 347, as amended.

4.0 INSPECTION AND MAINTENANCE

- 4.1 The *Township* shall conduct regular inspections of the *Site* , including the active waste tipping area, all on-site Waste Management Facilities and associated equipment, buildings/shacks, final cover, security fencing and barriers, to ensure that all are maintained in good working order and secure at all times and to ensure that no off-site impacts such as vermin, vectors, odour, dust, and litter, result from the operations of the *Site* and Waste Management Facilities, to cause any nuisance or adverse effect on the environment.
- 4.2 If any inspection indicates that there is an area of ponding or zero slope in the final soil capped area, and/or any deficiencies detected during these regular inspections, the *Township* shall take all steps necessary to provide positive drainage and rehabilitate the final soil cap, and/or any deficiencies detected as soon as practically possible.
- 4.3 A written record of the inspections shall be maintained at the *Site* , and shall include the following:
- (a) name and signature of trained personnel conducting the inspection;
 - (b) date and time of the inspection;
 - (c) list of equipment and Facilities inspected and all deficiencies and/or any nuisance impacts observed;
 - (d) a detailed description of any maintenance/repairs carried out and/or remedial action taken in order to control the nuisance;
 - (e) date and time of maintenance/repair activity; and,
 - (f) recommendations for remedial action and any preventative measures taken to prevent future reoccurrences.

5.0 ENVIRONMENTAL CONTROL AND MONITORING

- 5.1 Subject to the inclusion of monitoring well, MW7 in the existing regular monitoring program for groundwater quality monitoring, the *Township* shall carry out monitoring programs for groundwater/leachate and surface water, as summarized in Tables 3 and 4, respectively, in Item 2 of Schedule "A", attached to this Approval, and as per written instructions of the *District Manager* , through the review of the Annual Monitoring Reports, and any related OWRA requirements.
- 5.2 By December 31, 2015, the *Township* shall submit to the *Director* for approval, copied to the *District Manager* , a Land Use Permit obtained from the Ministry of Natural Resources and Forestry, permitting the use of the Crown lands to the north of the *Site* as contaminant attenuation zone, to bring the *Site* in compliance with Guideline B-7. Failing the acquisition of a Land Use Permit, as noted in this condition, the *Township* shall submit for the approval of the *Director* , copy to the *District Manager* , a proposed plan to bring the *Site* into compliance with Guideline B-7.
- 5.3 The *Township* shall ensure by means of a water monitoring program, that the *Site* shall be in compliance with the *Ministry's* Reasonable Use Guideline (Guideline B-7) for groundwater, and the Provincial Water Quality Objectives (PWQO) for surface water.

- 5.4 Where groundwater interacts with surface water/wetland and test results confirm non-compliance with the Provincial Water Quality Objectives, an assessment of the potential impact of the discharging groundwater quality on the receiving surface water/wetland, along with mitigation action, as necessary, shall be carried out.
- 5.5 A recommendation to change the monitoring programs under this *Approval* , including reporting frequency, may be made in the Annual Monitoring Report, based on the results to date, and may be implemented, subject to the prior written concurrence of the *District Manager* .
- 5.6 Any groundwater/leachate monitoring well or landfill gas probe, included in the monitoring program that gets damaged or in any way made inoperable for sampling, shall be assessed, repaired, replaced or decommissioned, as the case may be, by the *Township* .

Surface Water Management

- 5.7 The *Township* 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.

Landfill Gas Monitoring

- 5.8 The *Township* shall ensure that all buildings and structures existing at the *Site* or to be built on-*Site* which at times are occupied by people, or contains electrical equipment, or a potential source of ignition, are situated, constructed and monitored in a manner which minimizes the potential for explosive hazards due to landfill gas.

6.0 TRIGGER MECHANISM AND CONTINGENCY PLANS

- 6.1 The *Township* shall follow the trigger mechanism for groundwater/leachate and surface water, as described in Section 6.0 in Item 2 of Schedule "A", attached to this *Approval* , and as per written recommendations of the *District Manager* , through the review of the Annual Monitoring Reports.
- 6.2 Notwithstanding Condition 6.1 above, the *Township* shall employ 75th percentile of PWQO at the background station, as trigger concentration for all trigger parameters.
- 6.3 In the event of a confirmed exceedance of the site-specific trigger level relating to groundwater/leachate, or surface water impacts due to leachate, the Township 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 *Township* in accordance with the trigger mechanisms and associated contingency plans, as described in Section 6.2 and 6.4 in Item 2 of Schedule "A", attached to this *Approval* .
- 6.4 A recommendation to change the site-specific trigger mechanism for leachate impacts to the groundwater and/or surface, under this *Approval* , may be made in the Annual Monitoring Report,

based on the results to date, and may be implemented, subject to the prior written concurrence of the *District Manager*.

7.0 ANNUAL REPORT

7.1 **By March 31, of each year**, the *Township* shall submit to the *District Manager*, an Annual Monitoring Report, prepared by a qualified professional engineer or geoscientist, covering the results of the *Site* operations, inspection/maintenance and monitoring of the *Site*. The Annual Monitoring Report shall cover the preceding calendar year, and shall include, as a minimum, the following:

- (a) an updated drawing(s) indicating all leachate, groundwater, surface water and landfill gas monitoring locations, including off-site monitoring wells, if any;
- (b) tables outlining monitoring locations, analytical parameters of sampled water and frequency of sampling;
- (c) 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;
- (d) an assessment of the adequacy of and need to implement contingency measures for groundwater/leachate and surface water;
- (e) an assessment of the water quality with respect to the Ontario Reasonable Use Guidelines (Guideline B-7) and/or the Provincial Water Quality Objectives;
- (f) the status of compliance with all conditions of the *Approval*, including the operation, inspection, maintenance, monitoring and reporting requirements for all waste management activities at the *Site*; and,
- (g) recommendations with respect to any proposed changes in the inspection/maintenance and monitoring of the landfill site and/or the reporting frequency.

REASONS

The reason(s) for this amendment to the *Approval* is (are) as follows:

1. The reason for **Conditions 1.1 to 1.7** and **1.10 to 1.12** is to clarify the legal rights and responsibilities of the *Township*.
2. The reasons for **Condition 1.8** are to restrict potential transfer or encumbrance of the *Site* without the approval of the *Director* and to ensure that any transfer or encumbrance can be made only on the basis that it will not endanger compliance with this *Certificate*.

4. The reason for **Condition 1.9** is to ensure that appropriate *Ministry* staff have ready access to the *Site* for inspection of facilities, equipment, practices and operations required by the conditions in this *Certificate*. This condition is supplementary to the powers of entry afforded a Provincial Officer pursuant to the *EPA* and *OWRA*.
5. The reason for **Conditions 1.13** and **1.14** is to ensure 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.
6. The reasons for **Conditions 2.1** and **2.3** are to allow temporary operation of landfilling to alleviate emergency situation for waste management in the *Township* resulting from overfilling at the *Site*, and to develop long-term waste management plan.
7. The reason for **Conditions 2.2, 3.1 to 3.4, 5.5** and **6.4** is to ensure the *Site* is designed, developed, operated or closed, 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.
8. The reasons for **Conditions 2.4** are to ensure that waste disposal ceases at the *Site* having reached its capacity, and to ensure that *Site* closure is completed in an aesthetically pleasing manner, to minimize infiltration to reduce leachate generation prior to final cover installation, and to provide long-term protection of the natural environment.
9. The reason for **Conditions 3.5, 3.7 to 3.10, 4.1** and **4.2** is to ensure 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 reasons for **Conditions 3.6** and **4.3** are to provide for the proper assessment of effectiveness and efficiency of the *Site* performance, its effect or relationship to any nuisance or environmental impacts, and the occurrence and prompt response to any public concerns. Record keeping is necessary to determine compliance with this *Approval*, the *EPA* and its regulations.
11. The reasons for **Conditions 5.1 to 5.9** are 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 action can be taken.
12. The reasons for **Condition 6.1 to 6.3** are to ensure that the *Township* follows a plan with an organized set of procedures for identifying and responding to unexpected but possible problems at the *Site*. A remedial action / contingency plan is necessary to ensure protection of the natural environment and public health and safety.
13. The reasons for **Condition 7.1** are to ensure that regular review of *Site* operations and monitoring data is documented and any possible improvements to the *Site* operations or monitoring programs are identified. An annual report is an important tool used in reviewing *Site* activities and for determining conformance of this *Certificate*, the *EPA* and its regulations.

This Notice shall constitute part of the approval issued under Approval No. A482101 dated December 4, 1989, as amended.

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review 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 shall state:

1. 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;
2. 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:

3. The name of the appellant;
4. The address of the appellant;
5. The environmental compliance approval number;
6. The date of the environmental compliance approval;
7. The name of the Director, and;
8. 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:

The Secretary*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

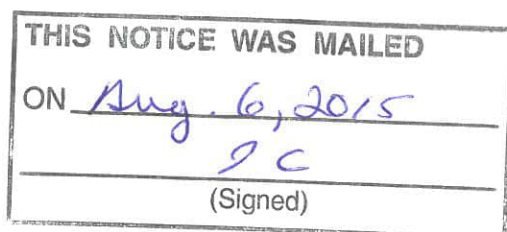
AND

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

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 314-3717 or www.ert.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 10th day of July, 2015



Dale Gable, P.Eng.

Director

appointed for the purposes of Part II.1 of the

Environmental Protection Act

DO/

- c: Area Manager, MOECC Cornwall
- c: District Manager, MOECC Ottawa
- Melissa Bunn, Golder Associates Ltd. ✓

AMENDMENT TO ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER A482101

Notice No. 7

Issue Date: January 28, 2016

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

Site Location: Boyne Rd. Landfill
12620 Boyne Rd
Lot 8, Concession 6
Township of North Dundas, United Counties of Stormont, Dundas and Glengarry

You are hereby notified that I have amended Approval No. A482101 issued on December 4, 1989, as subsequently amended for the use and operation of an 8.1 hectare (20 acres) landfilling area with additional 14.13 hectare (34.89 acres) lands for use as Buffer and 22.04 hectares (54.45 acres) Contaminant Attenuation Zone , as follows:

1. ADDITION OF CONTAMINANT ATTENUATION ZONE TO THE SITE - LAND USE PERMIT

Pursuant to Condition 5.2 in Notice No. 6, dated July 10, 2015, approval is hereby granted for the inclusion of a **49.21 hectare Contaminant Attenuation Zone (CAZ)** to the north of the Site, subject to easement by **Land Use Permit**. The waste fill area of 8.1 hectares (20 acres) remains unchanged. The additional **Contaminant Attenuation** lands, controlled by the Ministry of Natural Resources and Forestry, are described as part Lot 8, Concession 7, Township of Winchester, County of Dundas, on Plan 8R-225, deposited on July 19, 1974, included in a report dated January, 2015, prepared by Golder Associates Ltd., listed as Item 4 of Schedule "A" attached to Notice No. 6 dated July 10, 2015;

Whereas the rights of access and easement on the property listed above, for the purposes of groundwater contaminant attenuation has been secured by the Township of North Dundas per the following document:

- (a) Ontario Ministry of Natural Resources and Forestry Land Use Permit, No. LUP1735-1000641, dated October 14, 2015, attached to letter dated October 15, 2015 from Doug Froats, Director of Solid Waste Management, Township of North Dundas, listed as Item 1 of Schedule "A", attached to this Approval;

2. EXTENSION OF EMERGENCY APPROVAL FOR CONTINUED LANDFILLING

Pursuant to Condition 2.1 in Notice No. 6, dated July 10, 2015, a temporary approval is hereby granted for the continued landfilling operation at the Boyne Road Landfill Site, lasting until January 31, 2017, to alleviate the emergency situation for waste management existing in the local Township, which has resulted from overfilling at the Site, as determined from the theoretical capacity estimate for the Site;

all in accordance with the following documentation and subject to the terms and conditions herein:

DOCUMENTATION

The following items are hereby added to Schedule "A" and form part of the Environmental Compliance Approval No. A482101:

1. 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
2. Environmental Compliance Approval Application dated January 19, 2016, signed by Angela Rutley, Chief Administrative Officer, the Corporation of the Township of North Dundas.
3. 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.
4. 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.

For the purposes of this Environmental Compliance Approval and the terms and conditions specified herein, the following definitions apply:

DEFINITIONS

Definitions (j) and (k) in Notice 6, dated July 10, 2015, are hereby revoked and replaced with new Definitions (j) and (k) as follows:

- (j) **"Site "** means the entire waste disposal site described as the **8.1 hectare (20 acres) Landfilling area** within a total Waste Disposal Site area of **22.23 hectares (54.89 acres)**, including the **Buffer Lands 1 to 3; and additional 22.04 hectare (54.45 acres) Contaminant Attenuation Zone subject to Indenture**, and **additional 49.21 hectare (121.51 acres) Contaminant Attenuation Zone**, subject to **Land Use Permit** issued by the Ministry of Natural Resources and Forestry. The **Buffer (Zones 1 to 3) Lands** are described as

follows:

- (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 7.2 hectare (17.8 acres) parcel of land that extends 150 metres south of Buffer Zone 1, located at Lot 8, Concession 6, Township of Winchester, County of Dundas, shown as Part 1 on Plan 8R-4441, dated January 7, 2002;
 - (iii) **Buffer Zone 3** - A 4.29 hectare (10.59 acres) parcel of land south of Buffer Zone 2, located at Lot 8, Concession 6, Township of Winchester, County of Dundas, shown as Part 7 on Plan 8R-5197, dated June 15, 2011.
- (k) **"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 **22.04** hectare (54.45 acres) 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.
 - (ii) **CAZ 2** - A **49.21** hectare 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, Township of Winchester, County of Dundas, on Plan 8R-225, deposited on July 19, 1974, shown on Figure 2 contained in Item 4 of Schedule "A", attached to Notice No. 6 dated July 10, 2015.

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

CERTIFICATE OF REQUIREMENT

- 1.15 The Owner shall maintain at all time, a valid **Land Use Permit**, issued by the Ontario Ministry of Natural Resources and Forestry, to permit the continued use as CAZ, of the Property described as Part Lot 8 Concession 7, Plan 8R-225, deposited July 19, 1974, until such time as the subject property is no longer required for contaminant attenuation, as approved in writing by the Director.
- 1.16 By January 31, 2017, the *Township* shall submit to the *Director* for approval, copied to the *District Manager*, an application with supporting documentation, to add to the Landfill Site, that portion of Boyne Road allowance across the northern side of the Site, for the purposes of expanding the

Compliance Boundary for contaminant attenuation to achieve Site compliance with Guideline B-7.

2.0 CONTINUED USE OF THE SITE FOR LANDFILLING

Condition 2.1 in Notice No. 6, dated July 10, 2015, is hereby revoked and replaced by new Condition 2.1 as follows:

- 2.1 The *Township* may continue landfilling operation at the Boyne Road Landfill Site until January 31, 2017, to alleviate the emergency situation for waste management existing in the *Township*, resulting from overfilling at the *Site*. No waste shall be landfilled at the *Site* after January 31, 2017 without the approval of the *Director*.

5.0 ENVIRONMENTAL CONTROL AND MONITORING

Condition 5.1 in Notice No. 6, dated July 10, 2015, is hereby revoked and replaced by new Condition 5.1 as follows:

- 5.1 Subject to the installation and inclusion of additional overburden and bedrock monitoring wells to the north of the site, as determined in consultation with the District Manager, to delineate leachate impacts on groundwater, in the existing regular monitoring program for groundwater quality monitoring, the *Township* shall carry out monitoring programs for groundwater/leachate and surface water, as summarized in Tables 3 and 4, respectively, in Item 2 of Schedule "A", attached to Notice No. 6 dated July 10, 2015, and as per Item 4 in Documentation in this Approval, and/or as per written instructions of the *District Manager*, through the review of the Annual Monitoring Reports, and any related OWRA requirements.

REASONS

The reason(s) for this amendment to the Certificate of Approval is (are) as follows:

1. The reasons for Condition 1.15 and 1.16 are to ensure that sufficient land is available for contaminant attenuation, and to ensure that future developments and/or uses of the properties do not compromise or interfere with the functioning of their use as CAZ, or with the exercise of any of the rights provided in the CAZ Agreements.
2. The reasons for **Condition 2.1** are to allow temporary operation of landfilling to alleviate the emergency situation for waste management in the *Township* resulting from overfilling at the *Site*, and to develop long-term waste management plan.
3. The reasons for **Condition 5.1** are 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 action can be taken.

This Notice shall constitute part of the approval issued under Approval No. A482101 dated December 4,

1989, as subsequently amended.

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review 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 shall state:

1. 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;
2. 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:

3. The name of the appellant;
4. The address of the appellant;
5. The environmental compliance approval number;
6. The date of the environmental compliance approval;
7. The name of the Director, and;
8. 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:

The Secretary*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

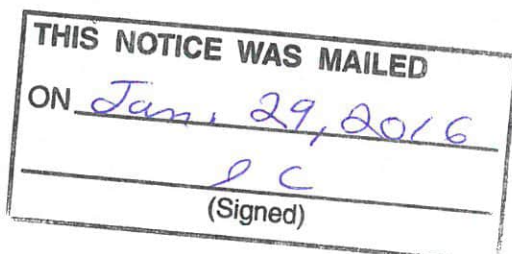
AND

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

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or www.ert.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 28th day of January, 2016



Mansoor Mahmood, P.Eng.
Director

appointed for the purposes of Part II.1 of the

Environmental Protection Act

DO/

c: Area Manager, MOECC Cornwall

c: District Manager, MOECC Ottawa

Yannick Marcerou, Golder Associates Ltd. ✓



AMENDMENT TO ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER A482101

Notice No. 8

Issue Date: January 30, 2017

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

Site Location: Boyne Road Landfill

12620 Boyne Rd
Lot 8, Concession 6

Township of North Dundas, United Counties of Stormont, Dundas and Glengarry

You are hereby notified that I have amended Approval No. A482101 issued on December 4, 1989, as subsequently amended for the use and operation of an 8.1 hectare (20 acres) landfilling area with additional 14.13 hectares (34.89 acres) lands for use as Buffer and 22.04 hectares (54.45 acres) Contaminant Attenuation Zone, as follows:

EXTENSION OF APPROVAL FOR CONTINUED LANDFILLING

Pursuant to Condition 2.1 in Notice No. 7, dated January 28, 2016, a temporary approval is hereby granted for the continued landfilling operation at the Boyne Road Landfill Site, lasting until January 31, 2018, subject to the availability of a contingency plan to alleviate any emergency situation for waste management in the local Township, during the period of pursuing/implementing the long-term waste management plan;

all in accordance with the following documentation and subject to the terms and conditions herein:

DOCUMENTATION

The following items are hereby added to Schedule "A" and form part of the Environmental Compliance Approval No. A482101:

1. 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.

2. 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.

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

CONTINUED USE OF THE SITE FOR LANDFILLING

Condition 2.1 in **Notice No. 7**, dated January 28, 2016, is hereby revoked and replaced by new Condition 2.1 as follows:

2.1 The *Township* may continue landfilling operation at the Boyne Road Landfill Site until January 31, 2018, subject to the availability of a contingency plan to alleviate any emergency situation for waste management in the local Township, while exploring alternative options for waste management in the *Township* or pursuing/implementing the long-term waste management plan. No waste shall be landfilled at the *Site* after January 31, 2018 without the approval of the *Director*.

Condition 2.3 in Notice #5 dated June 8, 2015 is hereby revoked and replaced with new Condition 2.3 as follows:

2.3 (a) By March 1, 2017, the *Township* shall submit to the satisfaction of the *District Manager*, a contingency plan for the management of the waste for the affected users of the *Site*.

(b) In the event a Provincial Officer of the Ministry or the *Township* determines that continued landfilling at the *Site* will result in adverse impact on the natural environment or the health and safety of people, the *Township* shall cease landfilling at the *Site* forthwith, and implement the contingency plan referred to in Condition 2.3(a) above.

REASONS

The reason(s) for this amendment to the Certificate of Approval is (are) as follows:

1. The reason for **Condition 2.1** is to allow continued operation of landfilling at the *Site* while the *Township* explores an alternative option for long-term waste management to alleviate the emergency situation for the affected users of the *Site*.
2. The reason for **Condition 2.3** is that a contingency plan will alleviate the emergency situation for the affected users of the *Site* while allowing the *Township* to develop and implement a long-term waste management plan.

This Notice shall constitute part of the approval issued under Approval No. A482101 dated December 4, 1989, as subsequently amended.

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review 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 shall state:

1. 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;
2. 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:

3. The name of the appellant;
4. The address of the appellant;
5. The environmental compliance approval number;
6. The date of the environmental compliance approval;
7. The name of the Director, and;
8. 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:

The Secretary*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

AND

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

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or www.ert.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 30th day of January, 2017

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

DO /

c: Area Manager, MOECC Cornwall

c: District Manager, MOECC Ottawa

Yannick Marcerou and Paul Smolkin, Golder Associates Ltd., The Corporation of the Township of North Dundas

AMENDMENT TO ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER A482101

Notice No. 9

Issue Date: January 31, 2018

The Corporation of the Township of North Dundas
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
K0C 2K0

You are hereby notified that I have amended Approval No. A482101 issued on December 4, 1989, as subsequently amended for the use and operation of an 8.10 hectare (20.00 acre) landfilling area with 89.03 hectares (220.00 acres) of lands, including a 1.42 hectare (3.51 acre) strip of Boyne Road allowance, for use as Buffer, and additional 71.25 hectares (176.06 acres) Contaminant Attenuation Zone, as follows:

For ease of reference purposes, this Notice replaces Notice No. 7 issued January 28, 2016 and Preamble 4 to Notice Nos. 5 and 6 issued respectively June 8, 2015 and July 10, 2015

1. ADDITION OF BUFFER/CONTAMINANT ATTENUATION LANDS AND ROAD ALLOWANCE TO THE SITE

Pursuant to Section 20.2 (1) of the Environmental Protection Act, approval is hereby granted for the revision of the total Site area from **8.10 hectares (20.00 acres)** to **97.13 hectares (240.01 acres)**, by adding **89.03 hectares (220.00 acres)** parcels of lands for use as **Buffer**, and additional **71.25 hectares (176.06 acres) Contaminant Attenuation Zone**, subject to **Easements**. The original approved 8.10 hectares (20.00 acres) designated as "waste fill area" remains unchanged. The additional **Buffer and/or Contaminant Attenuation lands** are described in a report dated January 2015 and in a letter dated January 5, 2018, both prepared by Golder Associates Ltd., respectively listed as Item 4 of Schedule "A" in Notice #6 dated July 10, 2015 and Item 2 of Schedule "A" attached to this *Notice*, as defined in the definitions listed in this Approval:

BUFFER ZONES ARE:

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, owned by the Corporation of the Township of North Dundas, shown on Plan 8R-3142 dated July 22, 1991, as Part 2, Lot 8, Concession 6, Winchester, Township of North Dundas;

Buffer Zone 2 - A 7.20 hectare (17.80 acre) parcel of land that extends 150 metres south of Buffer Zone 1, owned by the Corporation of the Township of North Dundas, shown on Plan 8R-4441 dated January 7, 2002, as Part 1, part of Lot 8, Concession 6, Winchester, Township of North Dundas;

Buffer Zone 3 - A 4.29 hectare (10.59 acres) parcel of land south of Buffer Zone 2 above, owned by the Corporation of the Township of North Dundas, shown on Plan 8R-5197 dated June 15, 2011, as Part 7, Lot 8, Concession 6, Winchester, Township of North Dundas;

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

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.

CONTAMINANT ATTENUATION ZONES (CAZ) TO THE SITE ARE:

Contaminant Attenuation Zone (CAZ) 1 - Land Use Permit: A 49.21 hectare (121.6 acres)

Contaminant Attenuation Zone 1 (CAZ 1) to the north of the Site, subject to easement by **Land Use Permit**. This additional **Contaminant Attenuation** land, controlled by the Ministry of Natural Resources and Forestry, is described as part Lot 8, Concession 7, on Plan 8R-225, Winchester, Township of North Dundas, deposited on July 19, 1974, included in a report dated January 2015, prepared by Golder Associates Ltd., listed as Item 4 of Schedule "A" in Notice No. 6 dated July 10, 2015,

Whereas the rights of access and easement on CAZ 1, for the purposes of groundwater contaminant attenuation, has been secured by the Township of North Dundas per the following document:

Ontario Ministry of Natural Resources and Forestry Land Use Permit, No. LUP1735-1000698, dated August 28, 2017, and expiring August 31, 2018, attached to Item 2 of Schedule "A" attached to this Notice;

Contaminant Attenuation Zone 2 - A 22.04 hectare (54.45 acre) parcel of land to the south and west of the landfill site, as shown on Figure 2, contained in Item 4 of Schedule "A", in Notice No. 6 dated July 10, 2015, owned by Blair Hutchinson, located at 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 Plan 8R-5197 dated June 15, 2011,

Whereas the rights of access and easement on CAZ 2 above, for the purposes of groundwater contaminant attenuation, has been secured by the Corporation of the Township of North Dundas as per the following document:

Indenture (Easement Agreement) made October 1, 2011 and signed on October 24, 2011, in respect of the property defined by PIN # 66149-0055 (Parts 1 to 6 inclusive, Lot 7, Concession 6), listed as Item 5 in Schedule "A", in Notice No. 6 dated July 10, 2015.

2. EXTENSION OF APPROVAL FOR CONTINUED LANDFILLING

Pursuant to Condition 2.1 in Notice No. 8, dated January 30, 2017, a temporary approval is hereby granted for continued landfilling operation at the Boyne Road Landfill Site, lasting until January 31, 2019, subject to the continued availability of a contingency plan, to alleviate any emergency situation for waste management in the local Township, during the period of pursuing long-term waste management plan;

all in accordance with the following documentation and subject to the terms and conditions listed herein:

DOCUMENTATION

The following items are hereby added to Schedule "A" and form part of the Environmental Compliance Approval No. A482101:

1. Environmental Compliance Approval Application dated January 5, 2018, signed by Angela Rutley, Chief Administrative Officer, the Corporation of the Township of North Dundas.
2. 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.
3. 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.
4. 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.

5. 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.

For the purposes of this Environmental Compliance Approval and the terms and conditions specified herein, the following definitions apply:

DEFINITIONS

Definitions (j) and (k) in Notice 6, dated July 10, 2015, are hereby revoked and replaced with new Definitions (j) and (k) as follows:

- (j) "**Site** " means the entire waste disposal site described as the **8.10 hectare (20.00 acre)** landfilling area within a total Waste Disposal Site area of **97.13 (8.1 + 89.03) hectares (240.01 acres)**, with **Buffer Zones 1 to 5**, including **Boyne Road Allowance**, additional **49.21 hectare (121.60 acre) Contaminant Attenuation Zone 1**, subject to **Land Use Permit** issued by the Ministry of Natural Resources and Forestry, and additional **22.04 hectare (54.45 acre) Contaminant Attenuation Zone 2**, subject to **Indenture (Easement Agreement)**, The original approved 8.10 hectares (20.00 acres) designated as "waste fill area", remains unchanged.
- (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.

- (k) **"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.

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

1.0 CERTIFICATE OF REQUIREMENT

- 1.15 The Owner shall maintain at all time, a valid **Land Use Permit**, issued by the Ontario Ministry of Natural Resources and Forestry, to permit its continued use as CAZ 1, until such time as the subject property is no longer required for contaminant attenuation, as approved in writing by the Director.

2.0 CONTINUED USE OF THE SITE FOR LANDFILLING OPERATION

Condition 2.1 in **Notice No. 8**, dated January 30, 2017, is hereby revoked and replaced by new Condition 2.1 as follows:

- 2.1 The *Township* may continue landfilling operation at the Boyne Road Landfill Site until January 31, 2019, subject to the continued availability of a contingency plan, as described in Item 3 in Schedule "A" attached to this Approval, as instructed by the local District Manager. No waste shall be landfilled at the *Site* after January 31, 2019 without the approval of the *Director*.

5.0 ENVIRONMENTAL CONTROL AND MONITORING

Condition 5.1 in **Notice No. 6**, dated July 10, 2015, is hereby revoked and replaced by new Condition 5.1 as follows:

- 5.1 The *Township* shall carry out monitoring programs for groundwater/leachate and surface water, as summarized in Tables 3 and 4, respectively, in Item 2 of Schedule "A", attached to Notice No. 6 dated July 10, 2015, and as per Item 4 in Documentation in this Approval, and/or as per written instructions of the *District Manager*, through the review of the Annual Monitoring Reports, and any related OWRA requirements.

REASONS

The reason(s) for this amendment to the Approval is (are) as follows:

1. The reasons for **Condition 1.15** are to ensure that sufficient land is available for contaminant attenuation, and to ensure that future developments and/or uses of the properties do not compromise or interfere with the functioning of their use as CAZ, or with the exercise of any of the rights provided in the CAZ Agreements.
2. The reason for **Condition 2.1** is to allow continued operation of landfilling at the Site while the Township continues with the process to gain approval for expansion of the site or explores an alternative option for long-term waste management to alleviate the emergency situation for the affected users of the *Site*.
3. The reasons for **Condition 5.1** are 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 action can be taken.

This Notice shall constitute part of the approval issued under Approval No. A482101 dated December 4, 1989, as amended.

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review 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 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:

The Secretary*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

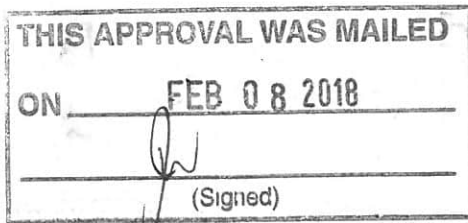
AND

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

* Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or www.ert.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 31st day of January, 2018



Dale Gable, P.Eng.

Director

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

DO/

c: Area Manager, MOECC Cornwall

c: District Manager, MOECC Ottawa

Doug Froats, The Corporation of the Township of North Dundas

Yannick Marcerou and Paul Smolkin, Golder Associates Ltd.

AMENDMENT TO ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER A482101

Notice No. 10

Issue Date: January 30, 2019

The Corporation of the Township of North Dundas
636 St. Lawrence Street
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
K0C 2K0

You are hereby notified that I have amended Approval No. A482101 issued on December 4, 1989 for an 8.10 hectare (20.00 acre) landfilling area with 89.03 hectares (220.00 acres) of lands, including a 1.42 hectare (3.51 acre) strip of Boyne Road allowance, for use as Buffer, and additional 71.25 hectares (176.06 acres) Contaminant Attenuation Zone , as follows:

EXTENSION OF APPROVAL FOR CONTINUED LANDFILLING

Pursuant to Condition 2.1 in Notice No. 9, dated January 31, 2018, a temporary approval is hereby granted for continued landfilling operation at the Boyne Road Landfill Site, lasting until January 31, 2020, subject to the continued availability of a contingency plan, to alleviate any emergency situation for waste management in the local Township, during the period of pursuing long-term waste management plan;

all in accordance with the following documentation and subject to the terms and conditions listed herein:

DOCUMENTATION

The following item is hereby added to Schedule "A" and forms part of the Environmental Compliance Approval No. A482101:

1. 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).

TERMS AND CONDITIONS

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

2.0 CONTINUED USE OF THE SITE FOR LANDFILLING

Condition 2.1 in **Notice No. 9**, dated January 31, 2018, is hereby revoked and replaced by new Condition 2.1 as follows:

- 2.1 (a) The *Township* may continue landfilling operation at the Boyne Road Landfill Site until January 31, 2020, subject to the availability of a contingency plan to alleviate any emergency situation for waste management in the local Township, while exploring alternative options for waste management in the *Township* or pursuing/implementing the long-term waste management plan. No waste shall be landfilled at the *Site* after January 31, 2020 without the approval of the *Director*.
- (b) Landfilling operation under this approval shall be limited to preparation and deposition of waste in the areas designated as phases 2 and 3 on Figure 2 (titled "Waste deposition Phasing Plan During The Emergency Period"), attached to Item 1 of Schedule "A", attached to this Certificate.

5.0 ENVIRONMENTAL CONTROL AND MONITORING

Condition 5.1 in **Notice No. 6**, dated July 10, 2015, is hereby amended by adding the following new Condition 5.1(b) as follows:

- 5.1 (a) The Township shall carry out monitoring programs for groundwater/leachate and surface water, as summarized in Tables 3 and 4, respectively, in Item 2 of Schedule "A", attached to Notice No. 6 dated July 10, 2015, and as per Item 4 in Documentation in this Approval, and/or as per written instructions of the *District Manager*, through the review of the Annual Monitoring Reports, and any related OWRA requirements.

- (b) Within six (6) months from the date of this approval, the Township shall carry out investigation into the source of elevated Total Suspended Solids (TSS) historically identified at downstream surface water monitoring stations, SW2 and SW3 of the Site. Where an assessment confirms the source to be related to the Boyne Road Landfill Site, the Township shall, in consultation with the District Manager, develop appropriate mitigation measures and implementation schedule to address any consequential environmental impact.

REASONS

The reason(s) for this amendment to the Approval is (are) as follows:

1. The reason for **Condition 2.1** is to allow continued operation of landfilling at the Site while the Township continues with the process to gain approval for expansion of the site or explores an alternative option for long-term waste management to alleviate the emergency situation for the affected users of the Site.
3. The reasons for **Condition 5.1** are 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 action can be taken.

This Notice shall constitute part of the approval issued under Approval No. A482101 dated December 4, 1989, as subsequently amended.

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review 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 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:

The Secretary*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

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 Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or www.ert.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 30th day of January, 2019



Mohsen Keyvani, P.Eng.

Director

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

DO/

c: Area Manager, MECP Cornwall

c: District Manager, MECP Ottawa

Yannick Marcerou P. Eng. and Paul Smolkin P. Eng., Golder Associates Ltd.

AMENDMENT TO ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER A482101

Notice No. 11

Issue Date: January 14, 2020

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
K0C 2K0

You are hereby notified that I have amended Approval No. A482101 issued on December 4, 1989, as amended for an 8.10 hectare (20.00 acre) landfilling area with 89.03 hectares (220.00 acres) of lands, including a 1.42 hectare (3.51 acre) strip of Boyne Road allowance, for use as Buffer, and additional 71.25 hectares (176.06 acres) Contaminant Attenuation Zone , as follows:

Condition 2.1 in Notice No. 10, dated January 30, 2019 is hereby revoked and replaced with the following:

2.0 CONTINUED USE OF THE SITE FOR LANDFILLING

- 2.1 (a) The Township may continue landfilling operations at the Boyne Road Landfill Site until a waste elevation of 87.75 metres above mean sea level, and as described in the 2013 Design and Operations Plan, is attained. No waste shall be landfilled above the final waste elevation.
- (b) Landfilling operation under this approval shall be limited to preparation and deposition of waste in the areas designated as phases 1 through 4 on Figure 2 (titled "Waste deposition Phasing Plan for Remaining Approved Airspace"), attached as Item 1 in Schedule "A", of this amendment.

Schedule "A" forms part of this Environmental Compliance Approval

1. 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.

The reason for this amendment to the Approval is as follows:

1. The reason for Condition 2.1 is to allow continued operation of landfilling as described in the 2013 Design and Operations Plan while the Township continues with the process to gain approval for expansion of the site or explores an alternative option for long-term waste management to alleviate the emergency situation for the affected users of the Site.

This Notice shall constitute part of the approval issued under Approval No. A482101 dated December 4, 1989

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review 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 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:

The Secretary*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

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 Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or www.ert.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 14th day of January, 2020



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

CF/

c: Area Manager, MECP Cornwall
c: District Manager, MECP Ottawa
Yannick Marcerou, Paul Smolkin, Golder Associates Ltd.

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.oltb.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.

APPENDIX C

**Complaints Protocol - Boyne Road
Landfill Site**

COMPLAINTS PROTOCOL – BOYNE ROAD LANDFILL SITE

The Township of North Dundas's (landfill owner) website features an online Public Complaint Resolution Policy Form that is applicable to all of the Township's operations and departments. The Township directs complaints regarding Boyne Road Landfill (Site) construction and operations to this form. Informal complaints made in person, by phone, letter, email, or fax are also logged by the Township and forwarded to the appropriate Department Head.

The on-line complaint form includes the following information:

- Name, telephone number, email address, and mailing address of complainant
- Date of complaint
- Details and circumstances of complaint
- Relevant attachments
- Suggestions for how the situation may be improved
- Additional information

The Township will then log the following information in the complaint report:

- Receipt of complaint
- Forwarding of complaint
- Letter acknowledging complaint
- Investigation of complaint and any corrective actions taken
- Final response letter to complainant

Upon notification of the complaint, the Township shall initiate appropriate steps to determine the source contributing to the complaint. The actions taken to resolve the situation will be documented in the Annual Report. Records of the complaint and corrective actions will be retained on-Site. The Township will make recommendations in the records for remedial measures, and managerial or operational changes that can be used to reasonably avoid re-occurrence of similar instances. The Township will provide a summary of the complaint received, the findings of the investigation of the complaint and corrective actions taken (if required) to the District Manager of the MECP Ottawa District Office.

Where the complaint relates to an incident or circumstance that is reportable to the Ministry of Environment, Conservation and Parks (MECP), it will be reported to the Spills Action Centre and/or the Ottawa District, Cornwall Area Office as applicable.

APPENDIX D

**Notice of ECA Applications to
Neighbours and Indigenous
Communities**

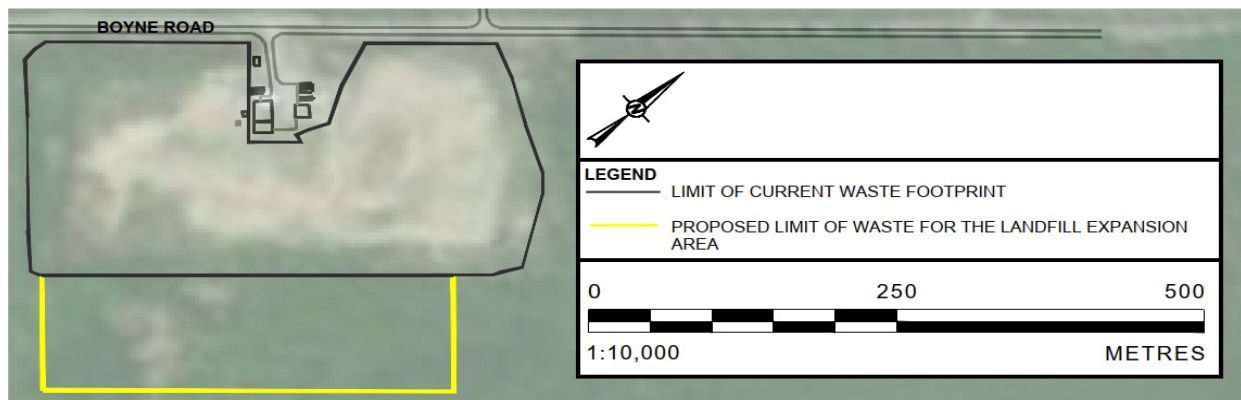


NOTICE OF APPLICATIONS TO THE MINISTRY OF ENVIRONMENT, CONSERVATION AND PARKS

This letter is to inform you that the Township of North Dundas is pursuing an amendment to the existing Environmental Compliance Approval (ECA) No. A482101 under Section 27 of the *Environmental Protection Act* (EPA) for the Boyne Road Landfill, 12620 Boyne Road, Township of North Dundas, Ontario. An application for approval of the proposed stormwater management system has also been submitted under Section 53 of the *Ontario Water Resources Act*.

The purpose of the amendment is to:

1. Expand the landfill horizontally to the south of the existing waste footprint, adding 3.8 hectares to the approved waste footprint, and vertically to provide sufficient capacity for disposal of residual (after diversion) waste to extend the landfill lifespan for a 25-year planning period.
2. Add additional buffer land to the landfill property east and southeast of the current waste footprint.
3. Provide a stormwater management system for the expanded landfill to control the quantity and quality of clean runoff water from the final cover. The proposed stormwater management system includes ditches, berms, culverts, and a wetland pond.
4. Provide improvements for the section of Volks Municipal Drain roadside ditch along the north side of Boyne Road opposite the landfill site frontage using a lined ditch design to isolate and convey surface water past the landfill site from upstream (west) to downstream (east).



This ECA application is on file for public consultation at the local Ministry of the Environment, Conservation and Parks Office in Cornwall.

Ministry of the Environment, Conservation and Parks – Cornwall Area Office
1st Floor, 113 Amelia Street
Cornwall, Ontario, K6H 3P1

If you have any questions regarding this application, please contact:

Danielle Ward
Director of Environmental Services
Township of North Dundas
636 St. Lawrence Street
P.O. Box 489
Winchester, Ontario, K0C 2K0
Phone: 613-774-2105

Written comments can be sent within 15 days of receipt of this Notice to:

Mohsen Keyvani, Director appointed for the purposes of Part II.1 of the EPA
Client Services and Permissions Branch
Ministry of the Environment, Conservation and Parks
135 St. Clair Avenue West, Floor 1
Toronto, Ontario M4V 1P5

From: [Marcerou, Yannick](#)
Cc: [Danielle Ward](#); [Doug Renaud](#); [Robert Durant](#); [Smolkin, Paul](#); [Knowles, Matt](#); [Wilson, Rebecca](#); [Marcerou, Yannick](#)
Bcc: [Algonquins of Ontario Consultation Office](#); [Dominic Ste-Marie](#); [grand.chief@akwesasne.ca](#); [GLD-23594638, Twp N Dundas Boyne LF Expansion EPA Ontario](#)
Subject: Township of North Dundas - Boyne Rd LF Waste ECA A482101 Amendment Application and OWRA ECA Application
Date: October 10, 2024 11:21:00 AM
Attachments: [Boyne Rd LF Expansion Application - Neighbour Notification Letter - Township's Letterhead.pdf](#)
[image001.png](#)

Hello,

The Township of North Dundas received approval from the Minister of the Environment, Conservation and Parks for the Environmental Assessment (EA) of the Township's Waste Management Plan on March 7, 2024 (EA File No. 03-08-02 (18056)).

We are herein notifying you that the Township is pursuing an amendment to its Waste Environmental Compliance Approval (ECA) Number A482101 for the expansion of their Boyne Road Landfill and a new ECA for the proposed stormwater management system (under Section 53 of the *Ontario Water Resources Act*).

Written comments can be sent to:

Mohsen Keyvani, Director appointed for the purposes of Part II.1 of the EPA
Client Services and Permissions Branch
Ministry of the Environment, Conservation and Parks
135 St. Clair Avenue West, Floor 1
Toronto, Ontario M4V 1P5

Have a good day!



Yannick Marcerou

Environmental/Waste Engineer
M.Eng., P.Eng.

D+ 1 613-576-2560
T+ 1 613-592-9600
F+ 1 613-592-9601
M+ 1 613-700-9932

WSP Canada Inc.
1931 Robertson Road
Ottawa, Ontario
K2H 5B7 Canada

wsp.com

