

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 9961-DL6N5D

Issue Date: December 15, 2025

City of Ottawa
4475 Trail Road
Richmond, Ontario
K0A 2Z0

Site Location: Springhill Landfill
7722 Springhill Road Lot 31, Concession 6
City of Ottawa
K0A 2P0

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

the establishment of stormwater management Works to serve Springhill Landfill Remedial Action Plan and Closure Plan, located at 7722 Springhill Road, Lot 31, Concession 6 in the City of Ottawa, for the collection, transmission, treatment and disposal of stormwater runoff from a total catchment area of 18.46 hectares, to provide Enhanced Level water quality protection and erosion control, and to attenuate post-development peak flows to pre-development peak flows for all storm events up to and including the 100-year storm event, discharging to the adjacent wetland, consisting of the following:

- **stormwater management facility (catchment area 7.43 hectares):** one (1) north wetland pond with sediment forebay, located northeast of the limit of licensed fill area, having a permanent storage volume of 577 cubic metres at a depth of 0.8 metres, an extended detention volume of 1,413 cubic metres, and a total storage volume of 4,963 cubic metres including the permanent pool volume, complete with low flow channel, an inlet structure consisting of a ditch, an outlet structure, fitted with a valve to allow emergency closure of runoff, comprised of a 750 millimetre diameter storm outlet pipe equipped with a 75 millimetre diameter orifice and 0.8 metre weir with 1H:1V sideslopes, a 3.0 metre overflow weir and 3H:1V sideslopes along the perimeter berm to provide a outlet during major events, discharging to the adjacent wetland;
- **stormwater management facility (catchment area 8.14 hectares):** one (1) south wetland pond with sediment forebay, located south-central of the limit of licensed fill area, having a permanent storage volume of 577 cubic metres at a depth of 0.8 metres, an extended detention volume of 1,560 cubic metres, and a total storage volume of 5,329 cubic metres including the permanent pool volume, complete with low flow channel, an inlet structure consisting of a 600 millimetre diameter culvert, an outlet structure, fitted with a valve to allow emergency closure of runoff, comprised of a

750 millimetre diameter storm outlet pipe equipped with a 75 millimetre diameter orifice and 0.8 metre weir with 1H:1V sideslopes, a 3.0 metre overflow weir and 3H:1V sideslopes along the perimeter berm to provide a outlet during major events, discharging to the adjacent wetland;

- **north, south, east and west ditches**, located along the limit of licensed fill area site, designed to convey the peak runoff rate from the 100 year storm event, complete with 250 millimetre thick R-10 rip-rap over geotextile cushion and 1.5 millimetre thick geomembrane liner, discharging to the wetland ponds described above;

including erosion/sedimentation control measures during construction and all other controls and appurtenances essential for the proper operation of the aforementioned Works,

all in accordance with the submitted supporting documents listed in Schedule A forming part of this Approval.

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

1. "Approval" means this entire document and any schedules attached to it, and the application;
2. "Director" means a person appointed by the Minister pursuant to section 5 of the EPA for the purposes of Part II.1 of the EPA;
3. "District Manager" means the District Manager of the appropriate local District Office of the Ministry, where the Works are geographically located;
4. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19, as amended;
5. "Ministry" means the ministry of the government of Ontario responsible for the EPA and OWRA and includes all officials, employees or other persons acting on its behalf;
6. "MNRF" means the Ministry of Natural Resources and Forestry of the government of Ontario and includes all officials, employees or other persons acting on its behalf;
7. "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 Tomlinson Waste Management Inc., its successors and assigns;
8. "Owner" means City of Ottawa, and includes its successors and assignees;
9. "OWRA" means the *Ontario Water Resources Act*, R.S.O. 1990, c. O.40, as amended;
10. "PWQO/Guidelines" means 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;
11. "Qualified Person" means a person identified as a Professional Engineer or Professional Geoscientist

who has training and expertise in erosion and sediment control;

12. "Site" means the entire waste disposal site known as the Springhill Landfill Site, located at 7722 Springhill Road being described as Part of Lots 31 and 32, Concession 6, in the former Geographic Township of Osgoode, City of Ottawa;
13. "Works" means the sewage Works described in the Owner's application, and this Approval.

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 CONDITIONS

1. The Owner and Operator shall ensure that any person authorized to carry out work on or operate any aspect of the Works 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. Except as otherwise provided by these Conditions, the Owner and Operator shall design, build, install, operate and maintain the Works in accordance with the description given in this Approval, and the application for approval of the Works.
3. Where there is a conflict between a provision of any document in the schedule referred to in this Approval and the conditions of this Approval, the conditions in this Approval shall take precedence, and where there is a conflict between the documents in the schedule, the document bearing the most recent date shall prevail.
4. Where there is a conflict between the documents listed in Schedule A and the application, the application shall take precedence unless it is clear that the purpose of the document was to amend the application.
5. The conditions of this Approval are severable. If any condition of this Approval, or the application of any requirement 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.
6. The issuance of, and compliance with the conditions of, 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, including, but not limited to, the obligation to obtain approval from the local conservation authority/MNRF necessary to construct or operate the sewage works; or
 - b. limit in any way the authority of the Ministry to require certain steps be taken to require the

Owner to furnish any further information related to compliance with this Approval.

2. EXPIRY OF APPROVAL

1. This Approval will cease to apply to those parts of the Works which have not been constructed within five (5) years of the date of this Approval.
2. In the event that completion and commissioning of any portion of the Works is anticipated to be delayed beyond the specified expiry period, the Owner shall submit an application of extension to the expiry period, at least twelve (12) months prior to the end of the period. The application for extension shall include the reason(s) for the delay, whether there is any design change(s) and a review of whether the standards applicable at the time of Approval of the Works are still applicable at the time of request for extension, to ensure the ongoing protection of the environment.

3. CHANGE OF OWNER

1. The Owner shall notify the District Manager and the Director, in writing, of any of the following changes within thirty (30) days of the change occurring:
 - a. change of Owner;
 - b. change of address of the Owner;
 - c. change of partners where the Owner 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.B17 shall be included in the notification to the District Manager; or
 - d. change of name of the corporation where the Owner is or at any time becomes a corporation, and a copy of the most current information filed under the *Corporations Information Act*, R.S.O. 1990, c. C39 shall be included in the notification to the District Manager.
2. In the event of any change in ownership of the Works, other than a change to a successor municipality, the Owner shall notify in writing the succeeding owner of the existence of this Approval, and a copy of such notice shall be forwarded to the District Manager and the Director.
3. The Owner shall ensure that all communications made pursuant to this condition refer to the number at the top of this Approval.

4. OPERATION AND MAINTENANCE

1. If applicable, any proposed storm sewers or other stormwater conveyance in this Approval can be constructed but not operated until the proposed stormwater management facilities in this Approval or any other Approval that are designed to service the storm sewers or other stormwater conveyance are in operation.

2. The Owner/Operator shall make all necessary investigations, take all necessary steps and obtain all necessary approvals so as to ensure that the physical structure, siting and operations of the Works do not constitute a safety or health hazard to the general public.
3. The Owner/Operator shall inspect and ensure that the design minimum liquid retention volume is maintained in the Works at all times, except when maintenance is required.
4. The Owner/Operator shall undertake an inspection of the condition of the Works, at least once a year, and undertake any necessary cleaning and maintenance to ensure that sediment, debris and excessive decaying vegetation are removed from the Works to prevent the excessive build-up of sediment, oil/grit, debris and/or decaying vegetation, to avoid reduction of the capacity and/or permeability of the Works, as applicable. The Owner/Operator shall also regularly inspect and clean out the inlet to and outlet from the Works to ensure that these are not obstructed.
5. The Owner/Operator shall construct, operate and maintain the Works with the objective that the effluent from the Works is essentially free of floating and settleable solids and does not contain oil or any other substance in amounts sufficient to create a visible film, sheen, foam or discoloration on the receiving waters.
6. The Owner/Operator shall maintain a logbook to record the results of these inspections and any cleaning and maintenance operations undertaken, and shall keep the logbook at the Owner's or Operator's administrative office for inspection by the Ministry. The logbook shall include the following:
 - a. the name of the Works; and
 - b. the date and results of each inspection, maintenance and cleaning, including an estimate of the quantity of any materials removed and method of clean-out of the Works.
7. The Owner/Operator shall prepare an operations manual prior to the commencement of operation of the Works that includes, but is not necessarily limited to, the following information:
 - a. operating and maintenance procedures for routine operation of the Works;
 - b. inspection programs, including frequency of inspection, for the Works and the methods or tests employed to detect when maintenance is necessary;
 - c. repair and maintenance programs, including the frequency of repair and maintenance for the Works;
 - d. contingency plans and procedures for dealing with potential spills and any other abnormal situations and for notifying the District Manager; and
 - e. procedures for receiving, responding and recording public complaints, including recording any follow-up actions taken.

8. The Owner/Operator shall maintain the operations manual current and retain a copy at the Owner's or Operator's administrative office for the operational life of the Works. Upon request, the Owner/Operator shall make the manual available to Ministry staff.

5. TEMPORARY EROSION AND SEDIMENT CONTROL

1. The Owner/Operator shall install and maintain temporary sediment and erosion control measures during construction and conduct inspections once every two (2) weeks and after each significant storm event (a significant storm event is defined as a minimum of 25 millimetres of rain in any 24 hours period). The inspections and maintenance of the temporary sediment and erosion control measures shall continue until they are determined to be no longer required by a Qualified Person.
2. In furtherance to subsection (1), the Owner shall notify the District Manager what is proposed for the temporary sedimentary basins when the stormwater management facility (wetland ponds) shall come on-line.
3. The Owner/Operator shall maintain records of inspections and maintenance which shall be made available for inspection by the Ministry, upon request. The record shall include the name of the inspector, date of inspection, and the remedial measures, if any, undertaken to maintain the temporary sediment and erosion control measures.

6. EFFLUENT OBJECTIVES

1. The Owner/Operator shall design and undertake everything practicable to operate the Works in accordance with the following objectives:
 - a. Effluent parameters design objectives listed in the table(s) included in **Schedule B**.
2. In the event of an exceedance of the objective set out in subsection 1, the Owner shall:
 - a. notify the District Manager as soon as possible during normal working hours;
 - b. take immediate action to identify the source of contamination; and
 - c. take immediate action to prevent further exceedance.

7. EFFLUENT MONITORING

1. The Owner/Operator shall, upon commencement of operation of the Works, carry out a monitoring program, and all samples and measurements taken for the purposes of this Approval are to be taken at a time and in a location characteristic of the quality and quantity of the effluent stream over the time period being monitored.
2. Samples shall be collected and analyzed at the sampling point(s), at the sampling frequencies and using the sample type specified for each parameter listed in the effluent monitoring table in

Schedule B.

3. The methods and protocols for sampling, analysis, toxicity testing, and recording shall conform, in order of precedence, to the methods and protocols specified in the following:
 - a. the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater Version 2.0" (January 2016), PIBS 2724e02, as amended;
 - b. the publication "Standard Methods for the Examination of Water and Wastewater" (21st edition) as amended from time to time by more recently published editions;
 - c. for any parameters not mentioned in the documents referenced in Paragraphs 3.a and 3.b, the written approval of the District Manager shall be obtained prior to sampling.
4. The measurement frequencies specified in the effluent monitoring table in **Schedule B** in respect of any parameter are minimum requirements which may, after **24 months** of monitoring in accordance with this Condition, be modified by the Director in writing from time to time.
5. The Owner shall retain for a minimum of **five (5) years** from the date of their creation, all records and information related to or resulting from the monitoring activities required by this Approval.

8. LANDFILL CLOSURE AND POST-CLOSURE WORKS

1. A low permeability final cover system will be installed over the top of the landfill.
2. The final cover system shall be constructed in accordance with the Remedial Action Plan & Closure Plan Report, dated August 2024, prepared by WSP Canada Inc. and provided under waste Environmental Compliance Approval No. A461402.
3. The stormwater management facility (wetland ponds) shall not come on-line, for the collection, transmission, treatment and disposal of stormwater into the adjacent wetlands, until after the completion of the final cover system. The Owner/Operator has the option to consider bringing the wetland ponds on-line after construction of the final cover system on the western portion of the landfill, in consultation with and agreement from the District Manager.

9. REPORTING

1. One (1) week prior to the start-up of the operation of the Works, the Owner shall notify the District Manager (in writing) of the pending start-up date.
2. The Owner shall, upon request, make all reports, manuals, plans, records, data, procedures and supporting documentation available to Ministry staff.
3. In addition to the obligations under Part X of the EPA and O. Reg. 675/98 (Classification and

Exemption of Spills and Reporting of Discharges) made under the EPA, the Owner shall, within **fifteen (15) days** of the occurrence of any reportable spill as provided in Part X of the EPA and O. Reg. 675/98, submit a full written report of the occurrence to the District Manager describing the cause and discovery of the spill, clean-up and recovery measures taken, preventative measures to be taken and a schedule of implementation.

4. A written report on the development, operation and monitoring of the Site, shall be completed annually (Annual Report). The Annual Report shall be submitted to the District Manager, by June 1st of the year following the period being reported upon.
5. The Owner shall prepare and submit an Annual Report to the Director by June 1st, of the year following the calendar year covered by the report which shall include as a minimum, but not limited to the following:
 - a. a description of any operating problems encountered and corrective actions taken;
 - b. a summary of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming part of the Works, including an estimate of the quantity of any materials removed from the Works;
 - c. a summary of the calibration and maintenance carried out on all effluent monitoring equipment;
 - d. a summary of any effluent quality assurance or control measures undertaken in the reporting period;
 - e. a description of efforts made and results achieved in meeting the Effluent Objectives of Condition 6.
 - f. an interpretation of the surface water; a review of the adequacy of the monitoring programs; provide conclusions and recommendations for changes made in the monitoring programs;
 - g. an assessment of the pond water quality with respect to the PWQO/Guidelines as well as with other overall surface water quality monitoring results performed at the Site and identify potential commonalities;
 - h. recommendations with respect to any proposed changes made in the operation and monitoring programs for the Site;
 - i. proposed changes made in the operation and monitoring program for the Site shall be subject to the approval of the Director;
 - j. a summary of any complaints received during the reporting period and any steps taken to address the complaints;

- k. a summary of all spill or abnormal discharge events; and
- l. any other information the District Manager requires from time to time.

10. RECORD KEEPING

- 1. The Owner shall retain for a minimum of five (5) years from the date of their creation, all records and information related to or resulting from the operation, maintenance and monitoring activities required by this Approval.

Schedule A

1. Application for Environmental Compliance Approval, dated July 31, 2024 and received on August 30, 2024, submitted by WSP Canada Inc. on behalf of City of Ottawa, including and all supporting documentation and information;

Schedule B

Effluent Objectives Table

Effluent Parameter	Concentration Objective (milligrams per litre unless otherwise indicated)
Total Suspended Solids	25

Effluent Monitoring Table

Sampling Point	Measured at the discharge outlet from the north and south wetland ponds
Frequency	One (1) sample in April/May (spring), one (1) sample in August (summer) and one (1) sample in October/November (fall)
Sample Type	Grab
Parameters	calcium, magnesium, sodium, potassium, barium, beryllium, boron, cadmium, chromium, cobalt, copper, iron, lead, manganese, molybdenum, nickel, total phosphorous, silicon, silver, strontium, thallium, tin, titanium, vanadium, zinc, aluminum, mercury, alkalinity, BOD, TDS, chloride, nitrate, nitrite, sulphate, TSS, TKN, ammonia (unionized ammonia calculated based on laboratory ammonia and field pH and temperature), COD, DOC, phenols, hardness (calculated from laboratory calcium and magnesium analyses)

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

1. Condition 1 is imposed to ensure that the Works are constructed and operated in the manner in which they were described and upon which approval was granted. This condition is also included to emphasize the precedence of conditions in the Approval and the practice that the Approval is based on the most current document, if several conflicting documents are submitted for review. Condition 1.6 is included to emphasize that the issuance of this Approval does not diminish any other statutory and regulatory obligations to which the Owner is subject in the construction, maintenance and operation of the Works. The Condition specifically highlights the need to obtain any necessary conservation authority approvals. The Condition also emphasizes the fact that this Approval doesn't limit the authority of the Ministry to require further information.
2. Condition 2 is included to ensure that, when the Works are constructed, the Works will meet the standards that apply at the time of construction to ensure the ongoing protection of the environment.
3. Condition 3 is included to ensure that the Ministry records are kept accurate and current with respect to the approved Works and to ensure that subsequent owners of the Works are made aware of the Approval and continue to operate the Works in compliance with it.
4. Condition 4 is included as regular inspection and necessary removal of sediment and excessive decaying vegetation from the Works are required to mitigate the impact of sediment, debris and/or decaying vegetation on the treatment capacity of the Works. The Condition also ensures that adequate storage is maintained in the Works at all times as required by the design. Furthermore, this Condition is included to ensure that the Works are operated and maintained to function as designed.
5. Condition 5 is included as installation, regular inspection and maintenance of the temporary sediment and erosion control measures is required to mitigate the impact on the downstream receiving watercourse during construction until they are no longer required.
6. Condition 6 is imposed to establish non-enforceable effluent quality objectives which the Owner is obligated to use best efforts to meet on an ongoing basis. Also imposed are procedures to be followed to minimize environmental impact in the event the objectives are exceeded.
7. Condition 7 is included to require the Owner to demonstrate on a continual basis that the quality and quantity of the effluent from the approved Works is consistent with the design and effluent objectives specified in the Approval and that the approved Works does not cause any impairment to the receiving watercourse.
8. Condition 8 is included to ensure the site is maintained in a manner in which as adverse effect does not occur and minimizes impacts to the environment.
9. Condition 9 is included to provide a performance record for future references, to ensure that the Ministry is made aware of problems as they arise, and to provide a compliance record for all the terms and conditions outlined in this Approval, so that the Ministry can work with the Owner in

resolving any problems in a timely manner.

10. Condition 10 is included to require that all records are retained for a sufficient time period to adequately evaluate the long-term operation and maintenance of the Works.

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

The Notice should also include:

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

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

This Notice must be served upon:

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

and

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

and

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

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

This instrument is subject to Section 38 of the *Environmental Bill of Rights*, 1993, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at <https://ero.ontario.ca/>, you can determine when the leave to appeal period ends.

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

DATED AT TORONTO this 15th day of December, 2025

A handwritten signature in black ink, appearing to read "A. Ahmed", is positioned above a horizontal line.

Aziz Ahmed, P.Eng.

Director

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

RU/

c: District Manager, DWECD, MECP Ottawa
Matt Knowles, WSP Canada Inc.