

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 8268-DMFJRM
Issue Date: November 7, 2025

GFL Environmental Inc.
65 Green Mountain Road West
Hamilton, Ontario
L8J 1X5

Site Location: 65 Green Mountain Road West
Hamilton City, Ontario
L8J 1X5

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:

A landfill facility, consisting of the following processes and support units:

- one (1) odour control unit serving leachate treatment plant, equipped with activated carbon filter, discharging to the air at a maximum volumetric flow rate of 4.72 cubic metres per second, through a stack having a diameter of 0.76 metre, and extending 6.57 metres above grade;
- fugitive dust emissions associated with material handling and transfer, stockpiling, and access roads;
- fugitive odour emissions resulting from the landfill active working face;

all in accordance with the Application for an Approval (Air & Noise) dated May 07, 2025, and signed by Lorenzo Alfano; and all other supporting information and documentation submitted in support of the application, including the ESDM Report and the Acoustic Assessment Report.

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

1. "Acoustic Assessment Report" means the report, prepared in accordance with Publication NPC-233 and Appendix A of the Basic Comprehensive User Guide that documents all sources of noise emissions and Noise Control Measures present at the Facility, as updated in accordance with Condition 10 of this Approval;

2. "Acoustical Consultant" means a person currently active in the field of environmental acoustics and noise/vibration control, who is familiar with Ministry noise guidelines and procedures and has a combination of formal university education, training and experience necessary to assess noise emissions from a Facility;
3. "Approval" means this Environmental Compliance Approval, including the application and supporting documentation listed above;
4. "Approval (Waste)" means Environmental Compliance Approval number A181008, as amended, issued to the Company in respect of activities mentioned in subsection 27(1) of the EPA at the Facility;
5. "Best Management Practices Plan" means the document titled "Dust Management Plan Stoney Creek Regional Facility", dated October 2025, and prepared by GHD on behalf of GFL Environmental Inc., as amended;
6. "Company" means **GFL Environmental Inc.**, that is responsible for the construction or operation of the Facility and includes any successors and assigns in accordance with section 19 of the EPA;
7. "Community Liaison Committee" means the committee consisting of members of the public engaging with the Company on environmental matters/issues;
8. "Director" means a person appointed for the purpose of section 20.3 of the EPA by the Minister pursuant to section 5 of the EPA;
9. "District Manager" means the District Manager of the appropriate local district office of the Ministry, where the Facility is geographically located;
10. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19;
11. "Equipment" means the equipment and processes described in the Company's application, this Approval and in the supporting documentation submitted with the application, to the extent approved by this Approval;
12. "Exhausted" means the capacity of the activated carbon bed to adsorb contaminant emissions is reached, and the Odour Control Unit is no longer able to effectively reduce emissions;
13. "ESDM Report" means the Emission Summary and Dispersion Modelling Report which was prepared in accordance with section 26 of O. Reg. 419/05 and the Procedure Document by GHD, signed by Matthew Griffin, dated May 02, 2025, submitted in support of the application, and includes any changes to the report made up to the date of issuance of this Approval;
14. "Facility" means the entire operation located on the property where the Equipment is located;

15. "Manual" means a document or a set of documents that provide written instructions to staff of the Company;
16. "Ministry" means the ministry of the government of Ontario responsible for the EPA and includes all officials, employees or other persons acting on its behalf;
17. "Noise Abatement Action Plan" means the noise abatement program developed by the Company , submitted to the Director and District Manager and approved by the Director , designed to achieve compliance with the limits set in Ministry Publications Noise Guideline for Landfill Sites;
18. "Noise Control Measures" means measures to reduce the noise emissions from the Facility and/or Equipment including, but not limited to, silencers, acoustic louvres, enclosures, absorptive treatment, plenums and barriers;
19. "Noise Guidelines for Landfill Sites" means the Ministry draft publication Noise Guidelines for Landfill Sites, October 1998, as amended;
20. "Odour Control Unit" means the activated carbon adsorption unit described in the Company's application, this Approval and in the supporting documentation submitted with the application, to the extent approved by this Approval;
21. "Odour Management Plan" means a document titled "Odour Management Plan Stoney Creek Regional Facility", dated October 2025, and prepared by GHD on behalf of GFL Environmental Inc., as amended;
22. "Operations Manual for Air Quality Monitoring in Ontario" means the document titled "Operations Manual for Air Quality Monitoring in Ontario" published by the Government of Ontario, dated November 10, 2023, as amended from time to time, and available on a website of the Government of Ontario;
23. "Publication NPC-233" means the Ministry Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October, 1995 as amended;
24. "Publication NPC-300" means the Ministry Publication NPC-300, "Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning, Publication NPC-300", August 2013, as amended.
25. "Waste" means waste described in the ESDM Report, this Approval, and Approval (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. OPERATION AND MAINTENANCE

1. The Company shall ensure that the Equipment is properly operated and maintained at all times. The Company shall:
 - a. prepare, not later than three (3) months after the date of this Approval, and update, as necessary, a Manual outlining the operating procedures and a maintenance program for the Equipment, including:
 - i. routine operating and maintenance procedures in accordance with good engineering practices and as recommended by the Equipment suppliers;
 - ii. emergency procedures, including spill clean-up procedures;
 - iii. procedures for any record keeping activities relating to operation and maintenance of the Equipment;
 - iv. procedures for monitoring the negative pressure ventilation in the fully enclosed leachate treatment building and reporting events when pressure cannot be maintained;
 - v. procedures for monitoring the performance of the Odour Control Unit; and,
 - vi. the frequency of the inspection and replacement of the media in the Odour Control Unit and procedures for reporting carbon media replacement;
 - b. implement the recommendations of the Manual.
2. The Company shall ensure that all receiving, processing, storage, and type of Waste at the Facility shall be conducted in accordance with the Facility's Approval (Waste).
3. The Company shall ensure that:
 - a. the fully enclosed leachate treatment building is maintained at a negative pressure environment, such that all potentially odorous air is collected and treated using the fully functioning Odour Control Unit;
 - b. all doors in the enclosed leachate treatment building of the Facility remain closed at all times, except during shipping and/or receiving, and for operational/maintenance purposes.
4. The Company shall:
 - a. ensure that the activated carbon filter media in the Odour Control Unit is replaced before it is Exhausted;
 - b. monitor the operational parameters of the Odour Control Unit, either as specified in the manual of the Odour Control Unit manufacturer, or as deemed necessary in accordance with site operational conditions. The results of monitoring these parameters shall be recorded in a log.

2. RECORD RETENTION

1. The Company 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 recording activities required by this Approval, and make these records available for review by staff of the Ministry upon request. The Company shall retain:
 - a. all records on the maintenance, repair and inspection of the Equipment;
 - b. all records/logs pertaining to the Odour Control Unit performance parameters and ventilation records;
 - c. all records of any environmental complaints, including a description of the measures taken to address the cause of the incident to which the complaint relates and to prevent a similar occurrence in the future.

3. FUGITIVE DUST CONTROL

1. The Company shall:
 - a. implement, at all times, the most recent version of the Best Management Practices Plan;
 - b. review and evaluate the Best Management Practices Plan on an annual basis;
 - c. record the results of each annual review and update as required the Best Management Practices Plan within one (1) month of the completion of the annual review;
 - d. maintain the updated Best Management Practices Plan at the Facility and provide a copy to the District Manager within one (1) month of the update.
2. The Company shall record, either electronically or in a log book, each time a specific preventative and control measure described in the Best Management Practices Plan is implemented. The Company shall record, as a minimum:
 - a. the date when each emission control measure is implemented, including a description of the control measure;
 - b. the date when each new preventative measure or operating procedure to minimize emissions is implemented, including a description of the preventative measure or operating procedure; and
 - c. the date, time of commencement, and time of completion of each periodic activity conducted to minimize emissions, including a description of the preventative measure/procedure and the name of the individual performing the periodic activity.

4. COMPLAINTS / ODOUR CONTAMINANT EMISSIONS RESPONSE PROCEDURE

1. A designated representative of the Company shall be available to receive public complaints caused by the operations at the Facility twenty-four (24) hours per day, seven (7) days per week.
2. If at any time, the Company receives any odour complaints from the public regarding the operation of the Facility, the Company shall respond to these complaints according to the following procedures, all of which shall be recorded and maintained in a computerized tracking system:
 - a. The Company shall record and assign a unique number to each complaint. The record shall include, at a minimum:
 - i. the name, address, and telephone number of the complainant, if provided;
 - ii. the date and time of the complaint and of receipt by the Company;
 - iii. a description of the complaint, including the nature of the concern, its location, and duration;
 - iv. a summary of the Facility's operating conditions at the time of the complaint, Odour Control Unit media efficiency, and status of the landfill active face;
 - v. the meteorological conditions at the time of the complaint, including ambient temperature, wind speed, and wind direction; and
 - vi. the Company's preliminary determination of the possible cause(s) of the complaint.
 - b. The Company shall, within one (1) week, submit to the District Manager by email (Environment.Hamilton@Ontario.ca) a summary report of all complaints received during the preceding week, including all information collected under Condition 3.2.a., and all proposed action(s) to prevent recurrence of the complaint in the future.

5. ODOUR MANAGEMENT PLAN

1. The Company shall, at all times, take all reasonable measures to prevent odorous emissions and odour impacts from all potential sources at the Facility.
2. The Company shall:
 - a. implement, at all times, the most recent version of the Odour Management Plan;
 - b. record the results of each annual review and update as required the Odour Management Plan within one (1) month of the completion of the annual review;
 - c. include inspection and maintenance procedures, including performance parameters for the Odour Control Unit, and carbon media filter replacement frequency;
 - d. maintain the updated Odour Management Plan at the Facility and provide a copy to the District Manager within one (1) month of the update.
3. The Company shall:
 - a. update and revise the Odour Management Plan within three (3) months of the following:
 - i. implementation of any proposed modifications that may impact odour emissions; and
 - ii. subject to Condition 6.1, implementation of a Technology Benchmarking Report;
 - b. review and evaluate the Odour Management Plan for the control of odour emissions once every twelve (12) months from the date of this Approval, or at a frequency directed, or agreed upon in writing by the District Manager;
 - c. record the results of each annual review and evaluation, and update the Odour Management Plan accordingly;
 - d. implement, at all times, the most recent version of the Odour Management Plan within sixty (60) days of an update.
4. The Company shall record, and retain such records, each time a specific preventative and odour impact reduction measure described in the Odour Management Plan is implemented.

6. TECHNOLOGY BENCHMARKING REPORT

1. The District Manager may, at their discretion, require the Company in writing to prepare a Technology Benchmarking Report.
2. Subject to Condition 6.1:
 - a. The Company shall submit to the Director a Technology Benchmarking Report prepared by a Professional Engineer to identify feasible options to reduce off-property odour impacts, no later than six (6) months after the date of the written request from the District Manager.
 - b. The Technology Benchmarking Report should, at a minimum, include the following:
 - i. a comprehensive list of all control methods for odour impact reduction based on the following:
 - a comparison of methods used by other facilities in the same or similar industrial sector;
 - a review of emission control requirements and strategies from other jurisdictions; and
 - where applicable, transfer of technologies from other sectors with similar issues, including preventative steps such as material substitutions, process changes and add-on controls or treatment methods;
 - ii. an evaluation of the technical feasibility of the identified control options individually, and where applicable, control options in combination. This evaluation will include the availability and applicability of the option to the odour source, technical considerations, and any site specific considerations;
 - iii. a ranking of feasible options, or option combinations with an assessment of predicted impact reductions at sensitive receptors for major sources and waste facility emissions including percent contribution, maximum and average odour concentrations and frequency assessment at sensitive receptors, and compared to current operations;
 - iv. recommendations based on current odour impact assessment, predicted reductions that can be achieved by implementing feasible options, timelines, approval requirements and other applicable considerations.
 - c. The Company shall update and/or implement the recommendations of the Technology Benchmarking Report as directed by the District Manager.

7. PUBLIC ENGAGEMENT

1. The Company shall, not later than six (6) months after the date of this Approval, submit a Public Engagement Plan to the District Manager. The Company shall review feedback from the Community Liaison Committee, the local community, and/or the District Manager, and shall provide the District Manager, on an annual basis:
 - a. a list of all Ministry comments received, if any, on the development of the Public Engagement Plan, and a description of how each Ministry comment was addressed in the Public Engagement Plan; and
 - b. any proposed updates to the Public Engagement Plan.
2. The Company shall on an annual basis from the date of this Approval, review and propose amendments to the Public Engagement Plan for the Facility. The Public Engagement Plan shall:
 - a. outline a process for disseminating, consulting, reviewing and exchanging information relevant to the air emissions of the Facility with the local community, including environmental monitoring, maintenance and complaint/public concerns resolution; and
 - b. describe how the local community was consulted.
3. The Company shall submit the Public Engagement Plan, and any proposed amendments, to the District Manager as required by the District Manager.
4. Upon acceptance of the Public Engagement Plan by the District Manager, the Company shall immediately implement the Public Engagement Plan.
5. The Company shall update the Public Engagement Plan annually as per above or at the direction of the District Manager.

8. AMBIENT AIR MONITORING

1. The Company shall carry out and maintain ambient air quality monitoring, at a minimum, for the following parameters:
 - a. Total Reduced Sulphur (TRS) compounds; and
 - b. Meteorological data.
2. The company shall submit an ambient air monitoring plan to the District Manager for approval, no later than three (3) months after the issuance of this Approval, or within a period agreed upon in writing with the District Manager, in accordance with the Operations Manual for Air Quality Monitoring in Ontario.
3. The ambient air monitoring plan shall include, at a minimum, the following requirements:
 - a. procedures to continuously measure TRS concentrations along the Facility's property line, with real-time access to the data;
 - b. requirements for the installation and operation of a minimum of two (2) TRS monitors, in accordance with the Operations Manual for Air Quality Monitoring in Ontario, at locations and using methods approved by the District Manager;
 - c. monitoring protocols specifying that each monitor shall measure TRS concentrations at least every ten (10) minutes; and
 - d. alarm settings requiring each monitor to automatically alert the Company and Ministry staff specified by the District Manager of any exceedance of TRS concentrations above the criteria listed in the "Ontario Ambient Air Quality Criteria" May 2020, as amended;
 - e. procedures to ensure that the recorded concentrations of TRS and meteorological data are made available to the public in a timely and accessible manner, in a format acceptable to and approved in writing by the District Manager.
4. The Company shall implement, maintain, and update the ambient air monitoring plan in accordance with this Approval and any direction provided by the District Manager.
5. The District Manager may discontinue the requirement for continuous TRS or meteorological monitoring, or may modify the type or frequency of monitoring, if the results of the ambient air monitoring indicate that the environmental impact from TRS is insignificant.

9. NOISE

1. The Company shall, at all times, ensure that the noise emissions from the Facility comply with the limits set out in Ministry Publication Noise Guidelines for Landfill Sites.

10. ACOUSTIC ASSESSMENT REPORT

1. The Company shall submit an Acoustic Assessment Report for the Facility, prepared by an Acoustical Consultant, to the District Manager and the Director not later than twelve (12) months from the date of this Approval.
2. In the event that the findings of the Acoustic Assessment Report demonstrate that the Facility is not in compliance with the limits set in Noise Guidelines for Landfill Sites, the Acoustic Assessment Report must incorporate a Noise Abatement Action Plan that includes but is not limited to the following:
 - a. required Noise Control Measures to reduce the noise emissions from the Facility to comply with the limits set in Ministry Publication Noise Guidelines for Landfill Sites; and
 - b. a timetable for implementation of the Noise Control Measures, including the date for achieving compliance with the applicable noise limits for the Facility.
3. The Director may not accept the results of any Acoustic Assessment Report if the requirements of Publication NPC-233 or Appendix A of the Basic Comprehensive Certificates of Approval (Air) User Guide were not followed.
4. If the Director does not accept the results of an Acoustic Assessment Report, the Director may, upon written notice, require the Company to repeat the Acoustic Assessment Report within the time frame specified in the notice.

11. CHANGE OF OWNERSHIP

1. The Company shall notify the Director in writing, and forward a copy of the notification to the District Manager, within thirty (30) days of the occurrence of any of the following changes to Facility operations:
 - a. the ownership of the Facility;
 - b. the operator of the Facility;
 - c. the address of the Company;
 - d. the partners, where the Company is or 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; or
 - e. the name of the corporation where the Company is or at any time becomes a corporation, other than a municipal corporation, and a copy of the most current information filed under the Corporations Information Act, R.S.O. 1990, c. C.39, shall be included in the notification.
2. In the event of any change in ownership of the Facility, the Company shall notify the successor of the existence of this Approval and provide the successor with a copy of this Approval, and the Company shall provide a copy of the notification to the District Manager and the Director.

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

1. Conditions number 1, 3, and 5 are included to emphasize that the Facility/Equipment must be maintained and operated according to a procedure that will result in compliance with the EPA, the Regulations, and this Approval.
2. Condition number 2 is included to require the Company to keep records and to provide information to staff of the Ministry so that compliance with the EPA, the Regulations and this Approval can be verified.
3. Conditions number 4, and 8 are included to require the Company to gather accurate information so that compliance with the EPA, the Regulations, and this Approval can be verified.
4. Condition number 6 is included to require the Company to provide information to the Ministry on the efforts of the Company in minimizing odorous emissions relative to industry best practices.
5. Condition number 7 is included to require the Company to properly address environmental issues that may arise from the operation of the Facility and to minimize the impact on the environment.
6. Condition number 9 is included to provide the minimum performance requirements considered necessary to prevent an adverse effect resulting from the operation of the Facility.
7. Condition number 10 is included to require the Company to gather accurate information and submit an Acoustic Assessment Report in accordance with procedures set in the Ministry's noise guidelines, so that the environmental impact and subsequent compliance with the EPA, the regulation and this Approval can be verified. This condition is also included to require the Company to develop, if necessary, a Noise Abatement Action Plan designed to ensure that the noise emissions from the Facility are in compliance with applicable limits set in the Ministry's noise guidelines, which are included as Performance Limits of this Approval.
8. Condition number 11 is included to require the Company to notify/report to the Ministry so that compliance with the EPA, the regulations and this Approval can be verified.

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 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.

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 7th day of November, 2025



Nancy E Orpana, P.Eng.

Director

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

VA/

c: District Manager, MECP Hamilton - District
Matthew Griffin, GHD