

Our ref: 11210029-LTR-15

09 January 2026

Mr. Frank Ertl
2374868 Ontario Inc.
6678 Wellington Road 34
Cambridge, Ontario
N3C 2V4

**Response to Review of Temporary Use By Law Amendment Application by
Valcoustics Canada Limited – 6678 Wellington Road 34, Puslinch, Ontario**

Dear Frank

The Applicant/GHD Limited (GHD) note that the Ontario Ministry of Environment, Conservation and Parks (MECP) issued a final Air & Noise Environmental Compliance Approval (ECA) in October 2024 for the operation. This ECA appropriately and fully governs the proposed operation regarding all aspects of air and noise emissions. However as requested, GHD has prepared this letter to still provide responses to comments as requested within the Valcoustics Letter dated August 12, 2025 on the Peer Review of Acoustic Assessment Report for the above-referenced Site. For convenience, each comment has been copied in italics below and our response follows the comment.

Comment 1

Section 2 of the updated Acoustic Assessment Report (AAR) includes a table showing the on site vehicle activities. We have these questions and comments regarding this table:

- a. What speed are the vehicles assumed to be operating at?*
- b. Are the trips per hour one-way to two-way trips? In other words, does a trip include the vehicle travelling to and from its destination across the site?*
- c. The heavy vehicle truck route accounts for a maximum number of 6 trips per hour during the daytime period. However, the updated traffic assessment indicates up to 20 trucks per hour would leave the site during the am peak hour. Thus, the assessment seems to not reflect the predictable worst-case scenario that the Ministry of Environment, Conservation and Parks (MECP) requires.*

Response 1

- a. Trucks are assumed to be operating at a conservative worst-case 25 km/hour, while the front end loader is assumed to be operating at a conservative worst-case 20 km/hour. The posted speed limit on the haul road is 5 km/hr
- b. The Truck traffic for the Facility evaluates either a truck into and out of the facility but only one pass per trip in either direction.
- c. The total number of trucks entering/exiting the facility was initially modelled based on 17 trucks per one day and a worst-case 6 trucks in one hour during the daytime. The numbers in the AAR are updated per the final ECA applications which reflects 25 trucks per day incoming to the Site and the same worst-case

assumption of 6 trucks per hour. The Facility will generally also stagger the number of trucks that leave within an hour, and not all trucks are parked at the Site overnight but in other locations (e.g., closer to work sites and driver homes) so Site traffic is correspondingly reduced.

Comment 2

Table 2 also indicates that the front end loader has now been modelled as a line source instead of a point source.

- a. Why has the way this source been modelled differently in the updated report?***
- b. With the assumed 15 trips per hour, how long is the front end loader actually operating for during the predictable worst case hour?***

Response 2

- a. The noise source for the operation of the front-end loaders changed from a point source to a line source as this is a better representation of the noise from the front-end loader. It is noted that this is the more conservative approach as previously the point source was behind the large berm on site.
- b. It is assumed that the front end loader may operate up to 60 minutes per hour.

Comment 3

The first sentence of the last paragraph of Section 2 of the AAR does not make sense such that it is not clear what is intended. Clarification is needed.

Response 3

Sentence should read "The significant equipment sources are all either trucking related activities or outdoor equipment located ~~beside the~~ within the Site Boundary."

Comment 4

Section 3 of the AAR states that POR3 is an outdoor point of reception since it was evaluated to receive higher sound levels than the building façade. However, the results presented in Table 5.2 for POR3 are for the nearest façade of the two storey dwelling. The table should also include the predicted worst case sound level at the grade level outdoor areas for POR3.

Response 4

Sound level limits can be changed to outdoor sound level limits, this was a typo. AAR is still in compliance with outdoor POR sound level limits.

Comment 5

The figure numbers are not shown on my copy of the AAR. The first figure after the conclusions shows the noise source locations that were modelled. Comparison with the previous version of the model indicates that noise sources S2A and S2B (screening equipment and motor) have been moved from the eastern boundary of the site to a more central location.

- a. Why were these two sources moved?***
- b. The new locations are further from the receptors to the east of the site (i.e., POR1 to POR4) which could result in lower sound levels at these receptors. Do the updated model locations represent the predictable worst case operating location?***
- c. How was the predictable worst case modelling location determined for each receptor?***

Response 5

- a. These sources were moved to better represent locations where the sources are actually located which are farther away from the worst-case POR, POR4.
- b. The screening equipment is not moved to other locations which would be closer to receptors so these are worst-case locations.
- c. Location for each receptor was determined based on where a resident may be outdoors (at most 30m from the residential façade) which represents worst-case locations.

Comment 6

According to MECP Publication NPC-103, the procedures in SAE J88a should be used to establish the sound emission level from powered mobile equipment. Review of the sound data provided for the front end loader (Caterpillar 973D) in Appendix E, the SAE J88 sound level is 85 dBA at a reference distance of 15 m. This translates to a sound power level of 116.5 dBA which is higher than the 113.2 dBA used in the assessment.

Response 6

This can be updated, however, the sound level change does not affect compliance since the sound isn't significantly higher given the source and receptor locations, this sound level has already been accepted by the MECP.

A copy of the Air & Noise ECA as issued by the MECP is provided in Attachment A.

Should you have any questions, please contact the undersigned

Regards



Patrick Chen
Acoustical Engineer
+1 519 340-4259
patrick.chen@ghd.com

Encl.

Copy to: Fred Taylor, GHD

Attachment A

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER A-500-3223236868

Version: 1.0

Issue Date: October 11, 2024

Pursuant to section 20.3 of the Environmental Protection Act, Revised Statutes of Ontario (R.S.O.) 1990, c. E. 19 and subject to all other applicable Acts or regulations this Environmental Compliance Approval is issued to:

2374868 ONTARIO INC.

6678 WELLINGTON RD 34 ROAD
CAMBRIDGE ONTARIO
N3C 2V4

For the following site:

6678 Wellington Road 34

Town of Puslinch, County of Wellington

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:

- One (1) Diesel-fired engine, rated at 50 kilowatts and serving the screening operations;
- Fugitive emissions resulting from the delivery, storage, transfer and stockpiling of materials associated with waste processing operations;

all in accordance with the Application for Approval (Air & Noise) submitted by 2374868 Ontario Inc., dated April 13, 2023 and signed by Eric Nafziger - Site Manager; the supporting information, including the Emission Summary and Dispersion Modelling Report, submitted by GHD Limited, dated December 10, 2021 and signed by Erik Martinez; the Acoustic Assessment Report submitted by GHD Limited, dated April 3, 2024 and signed by Patrick Chen; the additional information provided by Patrick Chen of GHD Limited in the emails dated April 3, 2024, April 12, 2024, May 27, 2024 and July 15, 2024; and, all other documentation associated with the Application.

DEFINITIONS

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 submitted in support of the application, that documents all sources of noise emissions and Noise Control Measures present at the Facility. "Acoustic Assessment Report" also means the Acoustic Assessment Report prepared by GHD Limited, dated April 3, 2024 and signed by Patrick Chen;
2. "Acoustic Audit" means an investigative procedure consisting of measurements and/or acoustic modelling of all sources of noise emissions due to the operation of the Facility, assessed to determine compliance with the performance limits for the Facility regarding noise emissions, completed in accordance with the procedures set in Publication NPC-103 and reported in accordance with Publication NPC-233;
3. "Acoustic Audit Report" means a report presenting the results of an Acoustic Audit, prepared in accordance with

Publication NPC-233;

4. "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;
5. "Approval" means this Environmental Compliance Approval, including the application and supporting documentation listed above;
6. "Best Management Practices Plan" means a document or a set of documents which describe measures to minimize dust emissions from the Facility and/or Equipment;
7. "Company" means 2374868 Ontario 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;
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. "Facility" means the entire operation located on the property where the Equipment is located;
13. "Independent Acoustical Consultant" means an Acoustical Consultant who is not representing the Company and was not involved in preparing the Acoustic Assessment Report or the design/implementation of Noise Control Measures for the Facility and/or Equipment. The Independent Acoustical Consultant shall not be retained by the Acoustical Consultant involved in the noise impact assessment or the design/implementation of Noise Control Measures for the Facility and/or Equipment;
14. "Manual" means a document or a set of documents that provide written instructions to staff of the Company;
15. "Minister" means the Minister of the Environment, Conservation and Parks or such other member of the Executive Council as may be assigned the administration of the EPA under the Executive Council Act;
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 Control Measures" means measures to reduce the noise emissions from the Facility and/or Equipment including, but not limited to, silencers, acoustic louvers, enclosures, absorptive treatment, plenums and barriers;
18. "Point of Reception" means Point of Reception as defined by Publication NPC-300;
19. "Publication NPC-103" means the Ministry Publication NPC-103 of the Model Municipal Noise Control By-Law, Final Report, August 1978, published by the Ministry as amended;
20. "Publication NPC-233" means the Ministry Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October, 1995, as amended;
21. "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;
22. "Technical Bulletin: Management Approaches for Industrial Fugitive Dust Sources" means the Ministry publication "Technical Bulletin: management approaches for industrial fugitive dust sources", March 8, 2017, as amended;
23. "Truck(s)" means heavy truck(s).

TERMS AND CONDITIONS

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

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; and,
 - iv. all appropriate measures to minimize noise and odorous emissions from all potential sources;
 - b. implement the recommendations of the Manual.

2. FUGITIVE DUST CONTROL

1. The Company shall develop in consultation with the District Manager, a Best Management Practices Plan for the control of fugitive dust emissions. This Best Management Practices Plan shall:
 - a. at minimum, be prepared in accordance with Ministry Technical Bulletin: Management Approaches for Industrial Fugitive Dust Sources; and
 - b. include a list of all Ministry comments received, if any, on the development of the Best Management Practices Plan, and a description of how each Ministry comment was addressed in the Best Management Practices Plan.
2. The Company shall submit the Best Management Practices Plan to the District Manager not later than three (3) months after the date of this Approval or as otherwise indicated by the District Manager.
3. Upon acceptance of the Best Management Practices Plan by the District Manager, the Company shall immediately implement the Best Management Practices Plan for the control of fugitive dust emissions to provide effective dust suppression measures to any potential sources of fugitive dust emissions resulting from the operation of the Facility.
4. The Company shall update the Best Management Practices Plan as necessary or at the direction of the District Manager.

3. RECORD RETENTION

1. The Company shall retain, for a minimum of two (2) 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; and
 - b. all records of any environmental complaints, including:
 - i. a description, time and date of each incident to which the complaint relates;
 - ii. wind direction at the time of the incident to which the complaint relates; and

- iii. 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.

4. NOTIFICATION OF COMPLAINTS

1. The Company shall notify the District Manager, in writing, of each environmental complaint within two (2) business days of the complaint. The notification shall include:
 - a. a description of the nature of the complaint; and
 - b. the time and date of the incident to which the complaint relates.

5. NOISE

1. The Company shall:
 - a. at all times, ensure that the noise emissions from the Facility comply with the limits set out in Ministry Publication NPC-300;
 - b. maintain the locations of the Equipment, buildings, 3 metre high embankment, and Truck routes as depicted in Figure 1 of the Acoustic Assessment Report at all times that the Facility is operating;
 - c. ensure that the sound emission levels of the Equipment shall not exceed the values specified in Table 1 of the Acoustic Assessment Report;
 - d. limit Truck arrivals and departures during the day-time hours of 7 a.m. to 7 p.m. in accordance with the following:
 - i. a maximum of six (6) heavy truck movements per sixty (60) minute period on truck route "TR1" as depicted in Figure 1 of the Acoustic Assessment Report;
 - ii. a maximum of five (5) heavy truck movements per sixty (60) minute period on truck route "TR2" as depicted in Figure 1 of the Acoustic Assessment Report;
 - e. limit Truck arrivals and departures during the evening-time hours of 7 p.m. to 11 p.m. in accordance with the following:
 - i. a maximum of two (2) heavy truck movements per sixty (60) minute period on truck route "TR1" as depicted in Figure 1 of the Acoustic Assessment Report;
 - ii. a maximum of five (5) heavy truck movements per sixty (60) minute period on truck route "TR2" as depicted in Figure 1 of the Acoustic Assessment Report;
 - f. limit Truck arrivals and departures during the night-time hours of 11 p.m. to 7 a.m. in accordance with the following:
 - i. a maximum of two (2) heavy truck movements per sixty (60) minute period on truck route "TR1" as depicted in Figure 1 of the Acoustic Assessment Report; and
 - ii. a maximum of five (5) heavy truck movements per sixty (60) minute period on truck route "TR2" as depicted in Figure 1 of the Acoustic Assessment Report.
2. The Company shall restrict the operation of the screening Equipment to the day-time hours of 7 a.m. to 7 p.m.

6. 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 the 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 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; 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.

7. ACOUSTIC AUDIT

1. The Company shall carry out Acoustic Audit measurements on the actual noise emissions due to the operation of the Facility. The Company:

- a. shall carry out Acoustic Audit measurements in accordance with the procedures in Publication NPC-103 at a time when foliage attenuation is at a minimum between the Facility and the Points of Reception;
- b. shall submit an Acoustic Audit Report on the results of the Acoustic Audit, prepared by an Independent Acoustical Consultant, in accordance with the requirements of Publication NPC-233, to the District Manager and the Director, not later than six (6) months after the commencement of operation of the Facility. The Acoustic Audit shall include verification of the sound emission levels of the Equipment and the sound level limits of the Points of Reception; and
- c. shall submit, in conjunction with an Acoustic Audit Report, an Environmental Compliance Approval application requesting an amendment to the Approval to rescind the requirement for an Acoustic Audit Report as per Condition 7.1.b of this Approval.

2. The Director:

- a. may not accept the results of the Acoustic Audit if the requirements of Publication NPC-233 were not followed; and
- b. may require the Company to repeat the Acoustic Audit if the results of the Acoustic Audit are found unacceptable to the Director.

REASONS

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

1. Condition Nos. 1 and 2 are included to emphasize that the 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 No. 3 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. Condition No. 4 is included to require the Company to notify staff of the Ministry so as to assist the Ministry with the review of the site's compliance.
4. Condition No. 5.1 is included to provide the minimum performance requirements considered necessary to prevent an adverse effect resulting from the operation of the Facility.
5. Condition No. 5.2 is included to ensure that operation of the screening Equipment is not extended beyond the stated hours to prevent an adverse effect resulting from the operation of the Equipment.
6. Condition No. 6 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.

7. Condition No. 7 is included to require the Company to gather accurate information and submit an Acoustic Audit Report in accordance with procedures set in the Ministry's noise guidelines, so that the environmental impact and subsequent compliance with this Approval can be verified.

APPEAL PROVISIONS

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 the service of this notice, require a hearing by the Tribunal. You must also provide notice to, the Minister of the Environment, Conservation and Parks in accordance with Section 47 of the *Environmental Bill of Rights, 1993* who 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:

- I. 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;
- II. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

- I. The name of the appellant;
- II. The address of the appellant;
- III. The environmental compliance approval number;
- IV. The date of the environmental compliance approval;
- V. The name of the Director, and;
- VI. 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 <i>Environmental Protection Act</i> Ministry of the Environment, Conservation and Parks 135 St. Clair Avenue West, 1st Floor Toronto, Ontario M4V 1P5
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*** 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 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 11th day of October, 2024



Nancy Orpana

Director

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

c: Eric Nafziger

Mike Masschaele, GHD Limited

Erik Martinez, GHD Limited