

**AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 5846-BWLK64

Issue Date: August 13, 2021

Chem-Ecol Ltd.  
640 Victoria Street  
Cobourg, Ontario  
K9A 5H5

**Site Location:** 640 Victoria St and 650 Victoria Street, Unit 15, Cobourg, Ontario.

*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:*

**640 Victoria Street:**

- one (1) exhaust system serving three (3) process vessels (PK1 to 3), discharging into the air at a maximum volumetric flow rate of 0.63 cubic metres per second, via a stack having an exit diameter of 0.25 metre, extending 0.6 metre above the roof and 7.3 metres above grade;
- one (1) exhaust system serving the filter aid station and five (5) reactors (Nos. 8 to 12), discharging into the air at a maximum volumetric flow rate of 0.63 cubic metres per second, via a stack having an exit diameter of 0.44 metre, extending 0.4 metre above the roof and 7.1 metres above grade;
- one (1) exhaust system serving two (2) process kettles (Nos. 5 & 6), and six (6) reactors (Nos. 1 to 6), discharging into the air at a maximum volumetric flow rate of 0.95 cubic metres per second, via a stack having an exit diameter of 0.44 metre, extending 0.4 metre above the roof and 7.1 metres above grade;
- one (1) exhaust system serving a waste water treatment system and six (6) blending tanks (Nos. 1 to 6), discharging into the air at a maximum volumetric flow rate of 0.63 cubic metres per second, via a stack having an exit diameter of 0.25 metres, extending 0.6 metre above the roof and 7.3 metres above grade;
- one (1) natural gas fired process steam boilers, having a heat input of of 2,094,000 kilojoules per hour;
- one (1) general ventilation exhaust;

**650 Victoria Street, Unit 15:**

- one (1) exhaust system serving a blending kettle and general building ventilation, discharging into the air at a maximum volumetric flow rate of 0.63 cubic metres per second, via a stack having an exit diameter of 0.51 metres, extending 3.7 metres

above grade;

- one (1) natural gas fired process steam boilers, having a heat input of of 2,100,000 kilojoules per hour;

All in accordance with the Application for an Environmental Compliance Approval (Air and Noise) and all supporting information dated August 17, 2020, signed by Brad Fegan of Chem-Ecol Ltd.

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

1. "*Approval*" means this Environmental Compliance Approval, including the application and supporting documentation listed above;
2. "*Company*" means Chem-Ecol Ltd., that is responsible for the construction or operation of the *Facility* and includes any successors and assigns;
3. "*District Manager*" means the District Manager of the appropriate local district office of the *Ministry*, where the *Facility* is geographically located;
4. "*EPA*" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended;
5. "*Equipment*" means all the equipment, described in the *Company's* application, this *Approval* and in the supporting documentation submitted with the application, to the extent approved by this *Approval*;
6. "*Facility*" means the entire operation located on the property where the *Equipment* is located;
7. "*Manual*" means a document or a set of documents that provide written instructions to staff of the *Company*;
8. "*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; and
9. "*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.

*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, before commencement of operation of the *Equipment* 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. all appropriate measures to minimize particulate matter, noise and odorous emissions from all potential sources;
  - b. implement the recommendations of the *Manual*.

## 2. 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 NPC-300*.

## 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*;
  - b. all records of any upset conditions associated with the operation of the *Equipment*; and
  - c. 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;
  - b. the time and date of the incident to which the complaint relates; and
  - c. 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.

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

1. Condition No. 1 is 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. 2 is included to provide the minimum performance requirements considered necessary to prevent an adverse effect resulting from the operation of the *Facility*.
3. Condition No. 3 is included to require the *Company* to keep records and to provide information to the *Ministry* so that compliance with the *EPA*, the *regulations* and this *Approval* can be verified.
4. 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.

**Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 0527-4QEGVF and 7624-86QQGT issued on October 24, 2000 and October 1, 2010, respectively.**

*In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me, the Environmental Review 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 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 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 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](http://www.ert.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 13th day of August,  
2021

Neryed Ragbar, P.Eng.  
Director

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

QN/

c: District Manager, MECP Peterborough

Justin Tayles, Wood Environment & Infrastructure Solutions