

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 7647-CQSPAD

Issue Date: May 23, 2023

Loders Croklaan Canada Inc.
185 Belfield Rd
Toronto, Ontario
M9W 1G8

Site Location: 185 Belfield Road
Toronto City,
M9W 1G8

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:

- two (2) natural gas fired low NOx boilers (sources S10 and S11), each having a maximum heat input of 22.68 gigajoules per hour, each discharging into the air through a stack, each having an exit diameter of 0.66 metre, each extending 3.0 metres above the roof and 11.6 metres above grade;
- one (1) natural gas fired high pressure boiler (source S16), having a maximum heat input of 4.4 gigajoules per hour, discharging into the air through a stack, having an exit diameter of 0.51 metre, extending 3.5 metres above the roof and 31.5 metres above grade;
- one (1) pulse type dust collector (Dust Collector #1, source S-12), to control emission from bleaching clay storage and distribution system, equipped with 24 square metres of polyester filter bags, discharging into the air at a nominal volumetric flow rate of 0.42 actual cubic metres per second through a stack, having an exit diameter of 0.14, extending 5.3 metres above grade;
- one (1) pulse type dust collector (Dust Collector #2, source S-13), to control emission from silica storage and distribution system, equipped with 14 square metres of polyester filter bags, discharging into the air at a nominal volumetric flow rate of 0.23 actual cubic metre per second through a stack, having an exit diameter of 0.14 metre, extending 5.2 metres above grade;

- one (1) liquid ring pump (source S04), used to apply vacuum to vessel containing bleaching earth and process oil, discharging to the air at a nominal volumetric flow rate of 0.03 cubic metre per second through a horizontal stack, having an exit diameter of 0.08 metre, extending 0.6 metre above the roof and 13.9 metres above grade;
- one (1) liquid ring pump (source S09), used to apply vacuum to vessel containing bleaching earth and process oil, discharging into the air at a nominal volumetric flow rate of 0.13 cubic metre per second through a horizontal stack, having an exit diameter of 0.08 metre, extending 1.1 metres below the roof and 12.3 metres above grade;
- five (5) cooling towers (sources no. S01, S02, S03, S08 and S17), having a total maximum circulation water flow rate of 179.5 litres per second;
- two (2) waste water treatment plant general exhaust systems (sources S06 and S07), each discharging to the air at a nominal volumetric flow rate of 9.44 actual cubic metres per second through a stack, each having an exit diameter of 0.76 metre, each extending 6.0 metres above the roof and 19.4 metres above grade;
- one (1) sulphuric acid storage tank (source S15), having a nominal capacity of 17.08 cubic metres;
- various raw materials outdoor storage tanks;
- general ventilation systems, including a collection basin vent and QA/QC laboratory fume hood;

all in accordance with the Application for Approval (Air & Noise) submitted by Loders Croklaan Canada Inc. dated June 3, 2022 and signed by Swapnil Macwan, Manager Safety/Health/Environment; the ESDM Report prepared by Khalid Hussein (RWDI AIR Inc.) dated June 8, 2022; the letter (email) from Swapnil Macwan dated February 3, 2023, the letters (emails) from Khalid Hussein (RWDI) dated May 9, 2023 and May 17, 2023; and all of the supporting information submitted with this application.

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 Loders Croklaan Canada Inc. operating as Loders Croklaan Canada 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;
3. "EPA" means the *Environmental Protection Act*, R.S.O. 1990, c.E.19;
4. "Equipment" means 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;

5. "Facility" means the entire operation located on the property where the Equipment is located;
6. "Manual" means a document or a set of documents that provide written instructions to staff of the Company;
7. "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;
8. "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, 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. all appropriate measures to minimize noise and odorous emissions from all potential sources; and
 - v. the frequency of inspection and replacement of the filter material in the Equipment;
 - b. implement the recommendations of the Manual; and
 - c. retain, for a minimum of two (2) years from the date of their creation, all records on the maintenance, repair and inspection of the Equipment, and make these records available for review by staff of the Ministry upon request.

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.

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.

In addition, the Company is required 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.

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.

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s) 1645-AJLMQ3 issued on March 23, 2017.

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.

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

The Minister of the Environment,
Conservation and Parks

The Director appointed for the purposes of
Part II.1 of the *Environmental Protection Act*
Ministry of the Environment,

Toronto, Ontario
M5G 1E5
OLT.Registrar@ontario.ca

and

777 Bay Street, 5th Floor
Toronto, Ontario
M7A 2J3

and


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 23rd day of May, 2023



Nancy E Orpana, P.Eng.

Director

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

JK/

c: District Manager, MECP Toronto - District
Khalid Hussein, RWDI AIR Inc.