

**AMENDMENT TO ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 5657-9D9LYE

Notice No. 2

Issue Date: March 28, 2018

The Corporation of the Township of Southgate  
185667 Grey County Road 9  
Rural Route, No. 1  
Dundalk, Ontario  
N0C 1B0

Site Location: Dundalk Sewage Treatment Works  
752015 Ida Street  
Lot Part Lots 238 and 239, Concession 2  
Southgate Township, County of Grey

*You are hereby notified that I have amended Approval No. 5657-9D9LYE issued on December 2, 2013 for a full scale pilot project for a new fixed film Bio-Cord™ reactor technology at the Dundalk Sewage Treatment Works , as follows:*

**PROPOSED WORKS:****Fixed Film Bio-Cord™ Reactors**

Implementation of a full scale pilot project to assess the nutrient removal efficiency of a fixed film Bio-Cord™ reactor technology at the Dundalk Sewage Treatment Works consisting of the following:

- Installation of additional five (5) fixed film Bio-Cord™ reactors to be placed at the influent entrance or effluent exit location of an existing Waste Stabilization Pond - Cell 2;
- Including all controls and associated appurtenances.

**EXISTING WORKS APPROVED ON NOVEMBER 13, 2015:****Fixed Film Bio-Cord™ Reactors**

Implementation of a full scale pilot project to assess the nutrient removal efficiency of a fixed film

Bio-Cord™ reactor technology at the Dundalk Sewage Treatment Works consisting of the following:

- Installation of ten (10) fixed film Bio-Cord™ reactors to be placed at the influent entrance or effluent exit location of an existing Waste Stabilization Pond - Cell 2;
- Installation of an air blower station in a shipping container equipped with one (1) approximately 300 L/sec @ 35 kPa capacity air blower, air distribution pipes, and headers supplying air to each of the Bio-Cord™ reactors;
- Including all controls and associated appurtenances.

## TERMS AND CONDITIONS

The following term and conditions have been added to the existing Environmental Compliance Approval (ECA) No. 5657-9D9LYE issued on December 2, 2013:

### 12. EXPIRY OF APPROVAL OF THE PILOT PROJECT

- (1) This Approval issued for the Full Scale Pilot Project shall expire on April 30, 2021.
- (2) Within six (6) months of the expiry date of this Approval, the Owner shall either decommission the sewage works approved by this Approval or submit an application to the Director for amendment of the existing ECA No. 5657-9D9LYE to include the Pilot Project sewage works components as part of the existing Works.

### 13. REPORTING

- (1) Within six (6) months of expiry date of this Approval, the Owner shall submit to the District Manager and the Director a performance assessment report for the fixed film Bio-Cord™ reactor technology.

The reason(s) for this amendment to the Approval is (are) as follows:

12. Condition 12 is added to ensure that the proposed full scale pilot project is conducted in a timely manner within the specified time period and decommissioned properly or integrated as part of the approved Work.
13. Condition 13 is added to ensure that the Ministry is provided with performance assessment report that can be used as future reference.

**This Notice shall constitute part of the approval issued under Approval No. 5657-9D9LYE dated December 2, 2013 and revokes and replaces Notice No. 1 of ECA No. 5657-9D9LYE issued on November 13, 2015.**

*In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. 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 Director appointed for the purposes of Part II.1 of  
the Environmental Protection Act  
Ministry of the Environment and Climate Change  
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)**

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

DATED AT TORONTO this 28th day of March, 2018



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Fariha Pannu, P.Eng.  
Director  
appointed for the purposes of Part II.1 of the  
*Environmental Protection Act*

SH/

c: DWMD Supervisor, MOECC Owen Sound  
Christine Furlong, Triton Engineering Services Limited