

**ENVIRONMENTAL COMPLIANCE APPROVAL**

NUMBER 0282-BH9PEE

Issue Date: May 1, 2020

Vertex Environmental Inc.  
40 Mcbrine Drive  
Kitchener, Ontario  
N2R 1E7

**Site Location:** Mobile Facility

*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) ex-situ remediation process to treat soil contaminated with organic and/or inorganic compounds by the application of Remedial Amendment(s), consisting of the following processes:
  - excavation of soil from the ground;
  - free draining groundwater from saturated soils to be collected and treated for discharge in compliance with an *Environmental Compliance Approval (Industrial Sewage Works)* if applicable;
  - sorting or segregating the soil as per the site-specific treatment design;
  - mixing in Remedial Amendments;
  - loading soils into treatment cells;
  - performance monitoring;
  - re-dosing or re-mixing of soils;
  - verification testing of soils;
  - assessing the suitability of treated soils for on-site re-use or off-site disposal in compliance with the *Environmental Compliance Approval (Waste)*; and
  - replacing treated soil for on-site re-use or loading trucks for off-site disposal;

all in accordance with the Environmental Compliance Approval Application submitted by Vertex Environmental Inc., dated July 2, 2019 and signed by Bruce Tunncliffe, President; the supporting information, including the Project Report submitted by Vertex Environmental Inc., dated July 2, 2019; and a technical memorandum submitted by

Vertex Environmental Inc., dated February 26, 2020.

*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. "*Bioaugmentation Culture(s)*" means any non-hazardous, non-pathogenic bacterial culture used in the *Process* as listed in *Schedule "B"* of this *Approval*, and as described in this *Approval* including the safety data sheets (SDS) submitted with the application, to the extent approved by this *Approval*;
3. "*Biostimulation Compound(s)*" means any chemical amendment, nutrient amendment or pH adjustment chemical used in the *Process* to enhance bioremediation, as listed in *Schedule "B"* of this *Approval*, and as described in this *Approval* including the safety data sheets (SDS) submitted with the application, to the extent approved by this *Approval*;
4. "*Chemical Reagent(s)*" means any oxidant or reductant used in the *Process* as listed in *Schedule "B"* of this *Approval*, and as described in this *Approval* including the safety data sheets (SDS) submitted with the application, to the extent approved by this *Approval*;
5. "*Company*" means Vertex Environmental Inc., which is responsible for the operation of the *Process* and includes any successors and assigns;
6. "*District Manager*" means the District Manager of the appropriate local district office of the *Ministry*, where the *Facility* is geographically being operated;
7. "*Environmental Compliance Approval (Industrial Sewage Works)*" means an Environmental Compliance Approval (Industrial Sewage Works) issued under section 20.3 of the *EPA*;
8. "*Environmental Compliance Approval (Waste)*" means the corresponding Environmental Compliance Approval (Waste Disposal Site) number 8569-BMVRAP and subsequent amendments issued to the *Company*, under section 20.3 of the *EPA*;
9. "*EPA*" means the *Environmental Protection Act*, R.S.O. 1990, c. E.19;
10. "*Equipment*" means the equipment associated with the *Process* as described in this *Approval*;
11. "*Facility*" means the entire operation located on the property where the *Equipment* is located;
12. "*Monitoring Plan*" means a written monitoring plan developed for the *Site* by a

*Qualified Person* as described in Condition 4 of this *Approval*;

13. "*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;
14. "*Operations and Maintenance Manual*" means the written operations and maintenance manual developed for the *Company* as described in Condition 3 of this *Approval*;
15. "*OWRA*" means the Ontario Water Resources Act, R.S.O. 1990, c. O.40, as amended;
16. "*Process*" means the ex-situ remediation processes as described in the *Company's* application, this *Approval*, and in the supporting documentation submitted with the application, to the extent approved by this *Approval*;
17. "*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;
18. "*Qualified Person*" means a person identified as a Professional Engineer or Professional Geoscientist who meets the qualifications set out in subsection 5 (2) of Ontario Regulation 153/04 (Records of Site Condition – Part XV.1 of the Act), as amended, made under the *EPA*;
19. "*Remedial Amendment(s)*" means any *Bioaugmentation Culture, Biostimulation Compound, or Chemical Reagent* used in the *Process* with the intent to reduce the soil concentrations of the *Target Compounds* at the *Site*;
20. "*Remedial Work Plan*" means a plan, developed for the *Site*, prepared as a single document by a *Qualified Person*, as described in Condition 2;
21. "*Schedule*" means the schedules attached to, and forming part of, this *Approval*, namely:
  - Schedule "A" - Form 1: Soil Remediation Process Notice of Intended Location
  - Schedule "B" - Remedial Amendments;
22. "*Site*" means any property or properties described in a completed *Schedule "A"* at which the *Process* is operated;
23. "*Soil, Groundwater and Sediment Standards*" means the *Ministry* publication "Soil, Groundwater and Sediment Standards for Use under Part XV.1 of the Environmental Protection Act" dated April 15, 2011, as may be amended;
24. "*SPCP*" means the written Spill Prevention and Contingency Plan developed for the *Company* by a *Qualified Person* as described in Condition 5 of this *Approval*;
25. "*Supporting Documents*" means the *Ministry* publications that accompany the *Soil*,

*Groundwater and Sediment Standards* including "Guide for Completing Phase II Environmental Site Assessment under Ontario Regulation 153/04" dated June 2011, as amended;

26. "*Target Compound(s)*" means the petroleum hydrocarbons, chlorinated solvents, polycyclic aromatic hydrocarbons, metals, pesticides, or other compounds listed in the *Soil, Groundwater and Sediment Standards* that the *Process* is designed to treat as part of the *Remedial Work Plan*; and
27. "*Technical Bulletin: Management Approaches for Industrial Fugitive Dust Sources*" means the *Ministry* publication "Technical Bulletin: management approaches for industrial fugitive dust sources", February 2017, 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. Performance Requirements

1. The *Company* shall, at all times, design and operate the *Process* with the intent to reduce the soil concentrations of the *Target Compounds* to comply with the appropriate criteria provided in the *Soil, Groundwater and Sediment Standards*, appropriate worker health and safety criteria, or *Site* specific criteria developed in accordance with the *Supporting Documents*.
2. The *Company* shall, ensure that the noise emissions from the *Process* at the *Site* comply with the limits set out in *Ministry Publication NPC-300*.
3. The *Company* shall, ensure that sewage from the *Process* is discharged in accordance with the *OWRA*, any approval issued under Section 20.3 of the *EPA* for activities under Section 53 of the *OWRA* (including environmental compliance approval number 2877-B8PRCL), and any applicable Municipal Sewer Use By-Law(s).
4. The *Company* shall, before commencement of operation of the *Process* at the *Site*, prepare the following:
  - a. a *Remedial Work Plan*;
  - b. a *Monitoring Plan*; and
  - c. an *Operations and Maintenance Manual*.
5. The *Company* shall, at all times, unless otherwise agreed in writing by the *District Manager*, design and operate the *Process* so that no *Remedial*

*Amendments, Target Compounds*, or their decomposition compounds, are permitted to migrate off-*Site* in groundwater or soil vapour, as a result of the *Process*, at concentrations greater than the applicable criteria provided in the *Soil, Groundwater and Sediment Standards*, appropriate worker health and safety criteria or *Site* specific criteria.

## 2. Remedial Work Plan

1. The *Company* shall, before commencement of operation of the *Process* at the *Site*, prepare a *Remedial Work Plan* designed with specific application for the *Site* that specifies, as a minimum:
  - a. the remedial objectives established for the *Site*;
  - b. an overview of the work to be undertaken by the *Company*;
  - c. a description of the *Site*;
  - d. locations of on-*Site* and off-*Site* receptors and potential migration pathways;
  - e. a *Site* plan overview of the extent of contamination at the *Site*;
  - f. locations of the proposed *Equipment* and points of application of the *Process*;
  - g. land uses at the *Site* and in the immediate surrounding vicinity;
  - h. overview of the *Site* geology and hydrogeology, and expected chemical reactions resulting from the operation of the *Process*; and
  - i. alternative remedial measures to be undertaken in the event that the *Process* is not successful to meet the *Remedial Work Plan* objectives.

## 3. Operations and Maintenance Manual

1. The *Company* shall, before commencement of operation of the *Process* at the *Site*, prepare and implement a *Site* specific *Operations and Maintenance Manual* for the *Equipment* and *Process* that specifies, as a minimum:
  - a. major components of the *Equipment* to be used in the *Process*;
  - b. frequency of inspections and scheduled maintenance for the *Equipment*;
  - c. the *SPCP* procedures to prevent spills relating to the *Process*;
  - d. procedures to prevent and/or minimize odorous and noise emissions;
  - e. procedures to prevent and/or minimize fugitive dust emissions, prepared in accordance with the *Ministry Technical Bulletin: Management Approaches for Industrial Fugitive Dust Sources*;
  - f. procedures to prevent and/or minimize the build-up of hazardous decomposition compounds with respect to appropriate worker health

- and safety criteria for the *Site*;
- g. procedures to prevent any upset conditions and contingency measures to address any off-*Site* migration;
- h. procedures to record the amount of *Remedial Amendments* each time these materials are utilized by the *Process*;
- i. procedures to record and respond to environmental complaints; and
- j. steps to be carried out for the discontinuation of the *Process*.

#### **4. Monitoring Plan**

1. The *Company* shall, before commencement of operation of the *Process* at the *Site*, design and implement a *Monitoring Plan*, in accordance with the *Supporting Documents*, for the soil at the *Site* to document that the Performance Requirements outlined in Condition 1 are not exceeded and that the *Remedial Work Plan* objectives are achieved. The *Monitoring Plan* shall specify, as a minimum:
  - a. the *Monitoring Plan* objectives;
  - b. a list of analytical and/or indicator parameters;
  - c. a *Site*-specific evaluation of the potential impact of the *Process* to assess whether groundwater, and/or surface water monitoring is required;
  - d. an ambient air monitoring program, when applicable, to assess the levels of hazardous decomposition compounds at the *Site* with respect to appropriate worker health and safety criteria for the *Site*;
  - e. identification of potential migration pathways on-*Site* and off-*Site*;
  - f. procedures for monitoring any potential off-*Site* migration;
  - g. approximate monitoring locations and frequency of the monitoring, prior to, during and after the *Process*; and
  - h. sampling methodology and QA/QC procedures, when applicable.

#### **5. Spill Prevention and Contingency Plan**

1. The *Company* shall prepare, and implement a written spill prevention and contingency plan that is applicable to the *Process* at the *Site*. The *SPCP* shall include appropriate measures to mitigate spills that may result from the *Process*, including different spill sizes, types of contaminants, and receiving environments (including land, natural waterways, and municipal sewers). The *SPCP* shall include as a minimum the following information commensurate with the risk of spills at the *Site*:

- a. containment procedures;
  - b. treatment, neutralization and/or clean up procedures;
  - c. disposal procedures that are in accordance with the *EPA*, and/or municipal by-laws and other legislation as applicable;
  - d. securement of necessary equipment;
  - e. notification procedures; and
  - f. details of the training procedures.
2. The *Company* shall ensure that employees and agents of the *Company* have been trained on the *SPCP* prior to commencement of the *Process* at the *Site*.
  3. The *Company* shall review and update the *SPCP* from time to time as needed.

## 6. Pilot Project

1. The *Company* may submit to the *District Manager* a request to conduct a pilot project at a *Site* using *Remedial Amendment(s)* not listed in *Schedule "B"*. Any such submission shall include, as a minimum:
  - a. a plan showing the area(s) within the *Site* where the *Process* will be operated;
  - b. a copy of the most recent safety data sheet (SDS) for each *Remedial Amendment* to be tested at the *Site*;
  - c. an overview of the *Process* to be carried out at the *Site*, including:
    - i. the duration of the pilot project;
    - ii. a description of the technology;
    - iii. delivery method(s);
    - iv. expected chemical reactions and decomposition compounds;
    - v. an assessment of potential adverse environmental effects including mitigation measures; and
    - vi. identification of potential migration pathways on-*Site* and off-*Site*;
  - d. steps to be carried out for the discontinuation of the *Process*.
2. The *Company* shall not commence operation of a pilot project at a *Site* without receiving written acknowledgement to do so by the *District Manager* or a person designated by the *District Manager*.

## 7. Notification Requirements

1. The *Company* shall notify the *District Manager* at least ten (10) calendar

days, or at such other time as may be agreed to in writing by the *District Manager*, before commencement of operation of the *Process* at any *Site* by submitting a completed Form 1, set out in *Schedule "A"* of this *Approval*, with attachments, to the *District Manager*.

2. The *Company* shall notify the *District Manager*, in writing, forthwith if the *Process* is not carried out in accordance with the Performance Requirements outlined in Condition 1.
3. The *Company* shall notify the *District Manager*, in writing, forthwith within 72 hours of each complaint that the *Company* receives resulting from the operation of the *Process* at the *Site*. The notification shall include the information described in paragraph (f) of Condition 8.

## **8. Record Keeping Requirements**

1. The *Company* shall, for each *Site*, retain for a minimum of five (5) years from the date of their creation, all reports, records, and information as described in this *Approval*, related to or resulting from the operation of the *Process* at the *Site* including:
  - a. the *Remedial Work Plan*;
  - b. the *Monitoring Plan*;
  - c. records about the type and quantity of *Remedial Amendments* used in the *Process*;
  - d. records about the inspection, maintenance, and repair of the major components of the *Equipment* related to the *Process*;
  - e. all monitoring results including any verification sampling; and
  - f. records about complaints, including:
    - i. a description of the time and date of the complaint and of the incident to which the complaint relates;
    - ii. the nature of the complaint and the address of the complainant, if known;
    - iii. weather conditions at the time of the incident to which the complaint relates;
    - iv. a description of the measures taken to determine the possible causes of the complaint and the steps taken to investigate and deal with the cause of the incident to which the complaint relates and the steps taken and/or to be taken to prevent a similar occurrence in the future; and
    - v. a written response to the complainant, if known.



## **SCHEDULE "A"**

### **Form 1**

#### **SOIL REMEDIATION PROCESS NOTICE OF INTENDED LOCATION**

1. Owner and/or Operator
  - a. *Company* name:
  - b. Environmental Compliance Approval (Air) number:
  - c. Contact person:
  - d. Telephone number:
2. Proposed Location
  - a. Municipality:
  - b. Street address or Lot and Concession number:
3. Land use in the immediate vicinity:
4. Operating schedule:
  - a. Date of commencement:
  - b. Estimated duration:
  - c. Hours of operation:

Please attach the following:

- a. A plan showing the area(s) within the *Site* where the *Process* is going to be operated;
- b. A copy of the most recent safety data sheet (SDS) for each *Remedial Amendment* to be used at the *Site*;
- c. An overview of the *Process* to be used at the *Site*, including a description of the technology (or technologies) and delivery method(s) to be used; and
- d. An overview of the *Site* specific *Remedial Work Plan*, the *Monitoring Plan* and the *Operations and Maintenance Manual* that have been drafted and will be finalized before commencement of operation of the *Process* at the *Site* and will be implemented at the *Site* as required by this *Approval*.

## **SCHEDULE "B"**

## REMEDIAL AMENDMENTS

The following sets out the *Remedial Amendments* that have been submitted and approved at the time of the issuance of this *Approval*. Additional *Remedial Amendments* may be added, on a permanent basis, upon an amendment to this *Approval*.

<b>Remedial Amendment</b>	<b>Manufacturer</b>
3-D Microemulsion	REGENESIS®
Accelerite®	JRW Bioremediation, L.L.C.
Acetic Acid	Various
Air mixture	Various
Ammonium Nitrate	Various
Ammonium Persulphate	Various
Apatite II	PIMS NW, Inc.
BAC-425	EOS Remediation
BAC-9	EOS Remediation
BAC-TPH	EOS Remediation
Bentonite Clay	Various
Bio-Dechlor INOCULUM® PLUS	REGENESIS®
Calcium Hydroxide (slaked lime)	Various
Calcium Hydroxyapatite	Various
Calcium Oxide (quicklime)	Various
Calcium Peroxide	Various
Calcium Phosphate	Various
Calcium Sulfate Dihydrate	Various
Calcium Thiosulphate	Various
Carbon dioxide	Various
Chelated Iron	Various
Chemsol DL3	Chemco Inc.
ChitoRem® chitin complex	JRW Bioremediation, L.L.C.
Citric Acid	Various
CoBupHMg	EOS Remediation
CRS® (Chemical Reducing Solution)	REGENESIS®
Daramend® Reagent	PeroxyChem
Dextrol OC-20	Hercules
Dextrose anhydrous (glucose)	Various
D-fructose (High Fructose Corn Syrup)	Various
DHC Microbial Consortium (SDC-9)	Regenesis

Diammonium phosphate (DAP)	Various
Dissolvine® E-FE-13	FMC Environmental Solutions
EAS®	EOS Remediation
EATOILS™ BT200™	Worldware Enterprises
EATOILS™ Bioblast	Worldware Enterprises
EDS-ER™	Tersus Environmental
EDS-QR™	Tersus Environmental
EHC® ISCR Amendment	PeroxyChem
EHC® Liquid – Liquid Component	PeroxyChem
EHC® Liquid – Solid Component	PeroxyChem
EHC® Metals Reagent	PeroxyChem
ELS® Bioremediation Amendment	PeroxyChem
ELS® Microemulsion	PeroxyChem
ELS® Microemulsion Concentrate	PeroxyChem
Emulsified Zero-Valent Iron (EZVI)	Tersus Environmental
EOS 100	EOS Remediation
EOS 450	EOS Remediation
EOS BOOST™	EOS Remediation
EOS LS	EOS Remediation
EOS PRO	EOS Remediation
EOS QR	EOS Remediation
EOS Remediation	EOS Remediation
EOS Vitamin B-12	EOS Remediation
EOS XR	EOS Remediation
Ethane	Various
Ethene	Various
Ethylene	Various
Epoxy Hardener	Henkel
Epoxy Resin	Henkel
Ferox Flow	Hepure
Ferox Plus eZVI	Hepure
Ferox PRB	Hepure
Ferox Target	Hepure
Ferric sulphate	Various
Ferrous Gluconate	Various
Ferrous Sulphate	Various
Granular Activated Carbon	Various

Gypsum	Various
HCT DSL	Envera
Hydrochloric Acid	Various
Hydrogen	Various
Hydrogen peroxide	Various
Hydrogen Release Compound (HRC®)	REGENESIS®
Hydrogen Release Compound [eXtended] (HRC-X®)	REGENESIS®
Hydrogen Release Compound PRIMER (HRC PRIMER®)	REGENESIS®
Iron	Various
Iron Perchlorate	Various
Ivey-sol®	Ivey International Inc.
IXPER® 70C Calcium Peroxide Granules	Solvay Chemicals
IXPER® 75C Calcium Peroxide	Solvay Chemicals
KB-1®	SiREM
KB-1® Primer	SiREM
KB-1® Plus	SiREM
Klozur® SP	PeroxyChem
Lactic acid	Various
LactOil® Soy Microemulsion	JRW Bioremediation, L.L.C.
L-Cysteine	Various
Leaf and other composts	Various
Magnesium Peroxide	Various
Mesoporous Hollow Silica Microspheres	Materium Innovations
MetaFix® Reagent	PeroxyChem
Metals Remediation Compound (MRC®)	REGENESIS®
Micro-Blaze Out®	Verde Environmental
Micro-Blaze Out® Plus	Verde Environmental
Micro-Blaze® Emergency Liquid Spill Control	Verde Environmental
Micro-Blaze® F.O.G.	Verde Environmental
MicroBlend™	RNAS Remediation Products
MicroEVO™ ISCR	Tersus Environmental
Molasses	Various
Mono Ammonium Phosphate (MAP)	Various
Monopotassium phosphate	Various
NanoEVO™	Tersus Environmental
Neutral Zone®	RNAS Remediation

	Products
Newman Zone HRO™	RNAS Remediation Products
Newman Zone OS™	RNAS Remediation Products
Newman Zone QR™	RNAS Remediation Products
Newman Zone® EVO	RNAS Remediation Products
Newman Zone®-Standard Formulation	RNAS Remediation Products
Nutrimens Granular	Tersus Environmental
Nutrimens Liquid	Tersus Environmental
Nutrimens®	Tersus Environmental
Nutrisulfate®	Tersus Environmental
Nutrite 20-20-20	Nutrite Canada
OBC™ Oxygen BioChem	Carus Group Inc.
Organophilic clay	Various
Oxygen	Various
Oxygen Release Compound (ORC®)	REGENESIS®
Oxygen Release Compound Advanced (ORC Advanced®)	REGENESIS®
Ozone	Various
Peracetic acid	Various
PermeOx® Plus	PeroxyChem
PermeOx® Ultra	PeroxyChem
PersulfOx®	REGENESIS®
PetroCleanze™	REGENESIS®
Petro-Clear HCT Pro 5B	Proventus Biocience
Petro-Clear HCT Pro-4011	Proventus Biocience
Petro-Clear Pro-4011	Proventus Biocience
Phosphoric Acid	Various
PlumeStop® Liquid Activated Carbon™	REGENESIS®
Portland Cement	Various
Potassium Lactate	Various
Potassium Permanganate	Various
Potassium Persulphate	Various
Potassium Phosphate	Various
Powdered Activated Carbon	Various

RegenOx® (Part A)	REGENESIS®
RegenOx® (Part B)	REGENESIS®
Remotox® (Calcium Polysulfide)	Granus Chemicals
RemOx® L	Carus Group Inc.
RemOx® L-D	Carus Group Inc.
RemOx® S	Carus Group Inc.
RemOx® S-B	Carus Group Inc.
RemOx® SR+	Carus Group Inc.
Renewal-SD	Hepure
Sodium Bicarbonate	Various
Sodium Bisulfite	Various
Sodium Chloride	Various
Sodium Hydroxide	Various
Sodium lactate	Various
Sodium Metabisulfite	Various
Sodium Percarbonate	Various
Sodium Permanganate	Various
Sodium Persulphate	Various
Sodium Phosphate	Various
Sodium Silicate	Various
Sodium Thiosulphate	Various
Sodium Thiosulphate Pentahydrate	Various
SoluLac™ Ethyl Lactate	JRW Bioremediation, L.L.C.
SRS®-SD	Terra Systems Inc.
Sucrose	Various
Sulfuric Acid	Various
Sulphur Hexafluoride	Various
Task® EVO	Tersus Environmental
Terramend®	Adventus
Terramend® Inorganic	PeroxyChem
TersOx™	Tersus Environmental
TOMADOL® 900 Surfactant	Evonik Industries
Trap & Treat® BOS 100®	Remediation Products, Inc.
Trap & Treat® BOS 200®	Remediation Products, Inc.
Trap and Treat Bacteria Concentrate	Remediation Products, Inc.
TRAPPS™	Slater (UK) Limited
Tree Mulch	Various
Triton X-100	Sigma-Aldrich, Inc.

Urea	Various
Vegetable Oil	Various
Vitamin B12	Various
VTH® Catalyst	Chemco Inc.
VTX® Catalyst	Advanced Oxidation Technology
Whey Protein Isolate	Hilmar Ingredients
WILCLEAR Plus®	JRW Bioremediation, L.L.C.
Woodchips and woodwaste	Various
Zeolites	Various
Zero Valent Iron Powder	Various

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

1. Condition No. 1 is included to outline the minimum performance requirements considered necessary to prevent an adverse effect resulting from the operation of the *Process*.
- 2.
3. Condition No. 2 is included to require the *Company* to gather accurate information and prepare a work plan prior to carrying out the *Process* at the *Site* and so that compliance with the *EPA* and this *Approval* can be verified.
- 4.
5. Condition No. 3 is included to emphasize that the *Equipment* and *Process* must be operated according to a procedure that will result in compliance with the *EPA*, the regulations, and this *Approval*.
- 6.
7. Condition No. 4 is included to require the *Company* to gather accurate information so that the environmental impact and subsequent compliance with the *EPA*, the regulations, and this *Approval* can be verified.
- 8.
9. Condition No. 5 is included to require the *Company* to prevent and mitigate spills thereby minimizing adverse environmental impacts.
- 10.
11. Condition No. 6 is included to require the *Company* to assess all potential environmental impacts that may arise from the operation of a pilot project so as to minimize adverse environmental effects.
- 12.
13. Condition No. 7 is included to require the *Company* to notify the *Ministry* so that

the environmental impact and subsequent compliance with the *EPA*, the regulations, and this *Approval* can be verified.

14.

15. Condition 8 is included to require the *Company* to retain records and provide information to the *Ministry* so that the environmental impact and subsequent 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 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.

*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 1st day of May, 2020

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

MS/  
c: District Manager, MECP Guelph