Ontario

Ministry of the Environment, Conservation and Parks
Ministère de l'Environnement, de la Protection de la nature et des Parcs

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL
NUMBER 0236-5RWLB2
Issue Date: April 12, 2025

GFL Environmental Inc.
100 New Park Pl, No. 500
Vaughan, Ontario
L4K 0H9

Site Location: 118 County Road 64
Municipality of Brighton, County of Northumberland

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:

The use and operation of a 4.0-hectare Waste Disposal Site (transfer and processing), including

receiving, temporary storage on storage area lined with concrete or asphalt or within the confines of the Soil Storage Building;

screening of non-hazardous contaminated soil waste;

transfer of non-hazardous contaminated soil waste;

treatment of non-hazardous contaminated soil waste, consisting of the following processes and support units:

- pre-treatment unit, including a mobile shaking/screening unit to pre-process the contaminated soil waste, equipped with a Biostimulation Compound(s) injection system at the exit of the unit;
- transfer of Contaminated Soils from the preparation area to the Biocells and Biopiles at a maximum rate of 120 cubic metres per hour;
- bioremediation of non-hazardous contaminated soil waste, consisting of the following processes and support units:

  - up-to 14 biocells on concrete or asphalt pads and covered with impermeable membranes, each biocell measuring approximately 25 metres by 25 metres with a maximum height of 3 metres and equipped with an active air recirculation system with an air flow rate of 0.3 cubic metre per second; and
  - biopiles, measuring not more than 12 metres in height, located in the soils receiving and temporary storage area, for passive bioremediation.

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

" **Adverse Effect** " as defined in the *EPA;*

"***ARA***" means the *Aggregate Resources Act,* R.S.O. 1990, c. A.8, as amended;

"**Amendment Materials**" means any amendment material as described in the Owner's application, this Approval and in the supporting documentation submitted with the application, to the extent approved by this Approval to be used in the Bioremediation to improve the structure of the Contaminated Soil to enhance the effectiveness of the bioremediation;

"**Approval**" means this Environmental Compliance Approval and any Schedules to it, including the application and supporting documentation listed in Schedule "A";

" **Bioremediation** " means biodegradation conducted under controlled engineered conditions designed to decompose petroleum hydrocarbons in the Contaminated Soil in the Biocells and Biopiles;

" **Biocell** " means the Contaminated Soil treatment cell, each 3 metres in height, undergoing biological treatment, with air injection and amendments, covered during processing, as described in item #1 of Schedule "A";

" **Biopile** " means the Contaminated Soil treatment cell up-to 12 metres in height, without air injection but where measured oxygen concentrations within the Biopile are no less that 15% and with the initial contaminant concentrations as set out in the supporting documentation in the attached Schedule "A";

"Bioaugmentation Compound" means the currently exogenous, non-pathogenic, non-toxic, specialized microbes used to enhance Bioremediation. In this Approval, it means the compound(s) described in the Owner's application, this Approval and in the supporting documentation submitted with the application including the Material Safety Data Sheets (MSDSs) submitted with the application, to the extent approved by this Approval;

"Biostimulation Compound" means any chemical amendment, nutrient amendment or pH adjustment chemical, other than a Bioaugmentation Compound used in the Process to enhance bioremediation **.** In this Approval, it means the compound(s) described in the Owner's application, this Approval and in the supporting documentation submitted with the application including the Material Safety Data Sheets (MSDSs) submitted with the application, to the extent approved by this Approval;

" **Company** " or " **Owner** " means Ontario Soil Recycling-Brighton Inc., and includes its officers, employees, agents and contractors and includes any successors and assigns in accordance with section 19 of the *EPA;*

“ **Composite Sample** ” means a sample that is made up of a number of laboratory grab samples from a single sample container that have been thoroughly mixed

together;
" **Compost** " has the same meaning as set out in the document "Ontario Compost Quality Standards" dated July 25, 2012, as amended;
" **Contaminated Soil** " means the incoming contaminated soil waste received at the Site and destined for Bioremediation at the Site or transfer off-Site;
" **District Manager** " means the District Manager of the Peterborough District Office of the Ministry;
" **Director** " means any Ministry employee appointed in writing by the Minister pursuant to section 5 of the *EPA* as a Director for the purposes of Part II.1 of the *EPA;*
"Equipment" means the equipment or processes described in the Owner's application, this Approval and in the supporting documentation referred to herein, to the extent approved by this Approval;
" ***EPA*** " means the *Environmental Protection Act* , R.S.O. 1990, c. E. 19, as amended;
"ESDM Report" means the Emission Summary and Dispersion Modelling Report prepared in accordance with the Procedure Document by Lucas Neil of Airzone One Ltd., dated December 2015 and submitted in support of the application, and includes all additional information associated with the application;
" **Industrial/Commercial/Community Property Use** " is as defined by *O. Regulation 153/04* made under the *EPA;*

"**Mix**" means the mixture of the incoming Contaminated Soil and the required Biostimulation Compound(s), the Bioaugmantation Compound(s) and the Amendment Materials approved in this Approval;

" **Ministry** " means the Ontario Ministry of the Environment and Climate Change;
" ***NMA "*** means the *Nutrient Management Act ,* 2002, S.O. 2002, c. 4, as amended;
" **Permit** " means a fill permit issued for the receiving site under a municipal by-law enacted under section 142 of the *Municipal Act,* S.O. 2001, c.25, as amended, or a development permit for the receiving site granted under a Regulation made pursuant to section 28 of the *Conservation Authorities Act* , R.S.O. 1990. c. C.27, as amended;

"Publication NPC-205" means Ministry Publication NPC-205, “Sound Level Limits for Stationary Sources in Class 1 & 2 Areas (Urban)”, October, 1995, as amended;

"Publication NPC-232" means Ministry Publication NPC-232, "Sound Level Limits for Stationary Sources in Class 3 Areas (Rural)", October, 1995, as amended;
" ***OWRA*** " means the *Ontario Water Resources Act ,* R.S.O. 1990, c. O.40, as amended;
" **Operator** " means any person, other than the Owner's employees, authorized by the Owner as having the charge, management or control of any aspect of the Site;
" ***O. Regulation 153/04*** " means *Ontario Regulation 153* (Records of Site Condition - Part XV.1 of the *EPA),* as amended;
" **Owner** " or " **Company** " means Ontario Soil Recycling-Brighton Inc., and includes its officers, employees, agents and contractors and includes any successors and assigns

in accordance with section 19 of the *EPA;*
" **Qualified Person** " means a person who meets the qualifications to be a qualified person for conducting a phase one and a phase two environmental site assessment and for completing certifications in a record of site condition, as set out in Section 5 of *O. Regulation 153/04* made under the *EPA;*

"**Quality Criteria**" means the quality criteria for the Contaminated Soil, the Residual Waste and the Rejected Waste and for the Processed Soil required for the applicable waste management activity approved in this Approval, including the Processed Soil re-use set out in Condition 6.1, below;

"***PA***" means the *Pesticides Act,* R.S.O. 1990, c. P-11, as amended;

"Procedure Document" means Ministry guidance document titled "Procedure for Preparing an Emission Summary and Dispersion Modelling Report" dated March 2009, as amended;
" **Processing Area** " means the area of the Site where all waste management activities approved under this Approval and described in the attached supporting documentation listed in Schedule “A” are proposed to be carried out;
" **Processed Soil** " means the Contaminated Soil bioremediated at the Site;
" **Provincial Officer** " means any person designated in writing by the Minister as a provincial officer pursuant to Section 5 of the *OWRA* or Section 5 of the *EPA* or Section 17 of the *PA* or Section 4 of the *NMA* or Section 8 of the *SDWA;*
"Publication NPC-205" means Ministry Publication NPC-205, “Sound Level Limits for Stationary Sources in Class 1 & 2 Areas (Urban)”, October, 1995, as amended;
"Publication NPC-232" means Ministry Publication NPC-232, "Sound Level Limits for Stationary Sources in Class 3 Areas (Rural)", October, 1995, as amended;
" **Putrescible Waste** " means organic waste that decomposes rapidly, such as food waste;
" **Residential/Parkland/Institutional Property Use** " is as defined by *O. Regulation 153/04* made under the *EPA;*

"**Residual Waste**" means waste resulting from the management of the Contaminated Soil at the Site and destined for further management at an off-Site location or final disposal;

" **Rejected Waste** " means the incoming load inadvertently received at the Site and deemed by the Owner to be a waste that does not meet the incoming Contaminated Soil Quality Criteria set out in this Approval or that cannot be processed;
" ***Regulation 347*** " means *Regulation 347,* R.R.O. 1990, *General - Waste Management,* made under the *EPA,* as amended;
" **RSC** " means the record of site condition within the meaning of *O. Regulation 153/04;*
" ***SDWA*** " means the *Safe Drinking Water Act ,* 2002, S.O. 2002, c. 32, as amended;
" **Site** " or **"Facility"** means the 50.6 ha property, Part Lots 33 and 34, Concession B,

in Municipality of Brighton;
" **Soil Standards** " means the concentrations of the contaminants in the Standards Document ;
" **Soil Storage Building** " means the building having approximate dimensions of 20 m x 60 m x 10.7 m high, discharging to the atmosphere through two stacks as described in the ESDM Report, and referred to as "Existing Maintenance Building" on the drawing entitled "Site Plan" listed in the attached Schedule "A";

"**Solid non-hazardous waste**" means a waste that is not a liquid waste and not a hazardous waste as defined in *Regulation 347;*

" **Spill** " is as defined in the *EPA;*

"**Standards Document**" means the Ministry document entitled “*Soil, Ground Water and Sediment Standards for Use Under Part XV.1 of the Environmental Protection Act*”, revised version April 15, 2011, as amended;

" **SVOCs** " means semi-volatile organics;

"**Table 2 Standards**" means the full depth generic site condition standards for non-potable ground water site conditions for industrial/commercial/community property use listed in Table 2 of the Standards Document;

“ **TCLP** ” means Toxicity Characteristic Leaching Procedure as defined in *Regulation 347;* and
" **Trained Personnel** " means an employee trained in accordance with the requirements of Condition 8.2 and is knowledgeable through instruction and/or practice and able to carry out any necessary duties.

"**Treated Soil**" means the Processed Soil that has been tested to demonstrate compliance with the appropriate Quality Criteria set out in this Approval, but does not include the residual waste;

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

TERMS AND CONDITIONS

1.0 GENERAL
1.1 Compliance

(1) The Owner shall ensure compliance with all the conditions of this Approval and shall ensure that any person authorized to carry out work on or operate any aspect of the

Site is notified of this Approval and the conditions herein and shall take all reasonable measures to ensure any such person complies with the same.

(2) Any person authorized to carry out work on or operate any aspect of the Site shall comply with the conditions of this Approval.

1.2 Build, etc. in Accordance

(1) Except as otherwise provided by this Approval, the Site shall be designed, developed, built, operated and maintained in accordance with the application for this Approval dated October 5, 2012, signed by Damian Rodrigues, Ontario Soil Recycling Inc. the ESDM report, plans, specifications and the supporting documentation listed in the attached Schedule “A”.

1.3 As-built Drawings

(1) A set of as-built drawings, certified by a professional engineer and showing the design of the Site, shall be kept at the Site at all times.

1.4 Interpretation

(1) Where there is a conflict between a provision of any document, including the application referred to in this Approval and the conditions of this Approval, the conditions in this Approval shall take precedence.

(2) Where there is a conflict between the application and a provision in any documents listed in Schedule "A", the application shall take precedence, unless it is clear that the purpose of the document was to amend the application and that the Ministry approved the amendment.

(3) Where there is a conflict between any two documents listed in Schedule "A", other than the application, the document bearing the most recent date shall take precedence.

(4) The requirements of this Approval are severable. If any requirement of this Approval, or the application of any requirement of this Approval to any circumstance, is held invalid or unenforceable, the application of such requirement to other circumstances and the remainder of this Approval shall not be affected thereby.

1.5 Other Legal Obligations

(1) The issuance of, and compliance with the conditions of this Approval does not:

(a) relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement; or

(b) limit in any way the authority of the Ministry to require certain steps be taken or to require the Owner to furnish any further information related to compliance with this Approval.

(2) Despite an Owner or any other person fulfilling any obligations imposed by this Approval, the person remains responsible for any contravention of any other condition of this Approval or any applicable statute, regulation, or other legal requirement resulting from any act or omission that caused the Adverse Effect or impairment of water quality.

1.6 Adverse Effect

(1) The Site shall be constructed, operated and maintained in a manner which ensures the health and safety of all persons and prevents generation of negative environmental impacts including but not limited to dust, odours, vectors, pests, birds, litter, vibration, noise and any other negative environmental effects that may cause an Adverse Effect.

(2) If at any time dust, including dust from vehicles leaving the Site, odours, vectors, pests, birds, litter, vibration, noise or other such negative environmental effects are generated at the Site and cause an Adverse Effect, the Owner shall take immediate and appropriate remedial action(s) that is/are necessary to alleviate the Adverse Effect, including suspension of all waste management activities and removal of waste from the Site, if necessary.

(3) The Owner shall take steps to minimize and ameliorate any Adverse Effect on the natural environment or impairment of water quality resulting from the approved operations at the Site, including such steps as accelerated or additional monitoring as may be necessary to determine the nature and extent of the effect or impairment.

1.7 Change of Owner

(1) The Owner 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 change in:

(a) the ownership of the Site;

(b) the operator of the Site;

(c) the address of the Owner;

(d) the partners, where the Owner 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, as amended, shall be included in the notification; or

(e) the name of the corporation where the Owner 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, as amended, shall be included in the notification.

(2) No portion of this Site shall be transferred or encumbered prior to or after closing of the Site unless the Director is notified in advance. In the event of any change in ownership of the Site, other than change to a successor municipality, the Owner shall notify the successor of and provide the successor with a copy of this Approval, and the Owner shall provide a copy of the notification to the District Manager and the Director.

1.8 Inspections by the Ministry

(1) No person shall hinder or obstruct a Provincial Officer from carrying out any and all inspections authorized by the *OWRA,* the *EPA,* the *PA,* the *SDWA* or the *NMA* of any place to which this Approval relates, and without limiting the foregoing:

(a) to enter upon the premises where the approved processing is undertaken, or the location where the records required by the conditions of this Approval are kept;

(b) to have access to, inspect, and copy any records required to be kept by the conditions of this Approval;

(c) to inspect the Site, related Equipment and appurtenances;

(d) to inspect the practices, procedures, or operations required by the conditions of this Approval;

(f) to conduct interviews with staff, contractors, agents and assignees of the Owner; and

(e) to sample and monitor for the purposes of assessing compliance with the terms and conditions of this Approval or the *EPA,* the *OWRA,* the *PA,* the *SDWA* or the *NMA.*

1.9 Information and Record Retention

(1) Any information requested by the Ministry, concerning the operation of the Site and its operation under this Approval, including but not limited to any records required to be kept by this Approval shall, upon request, be provided to the Ministry in a timely manner and in a format specified by the Ministry**.** All records shall be retained for two (2) years except as otherwise authorized in writing by the Director.

(2) The receipt of any information by the Ministry or the failure of the Ministry to prosecute any person or to require any person to take any action, under this Approval or under any statute, regulation or other legal requirement, in relation to the information, shall not be construed as:

(a) an approval, waiver, or justification by the Ministry of any act or omission of any person that contravenes any term or condition of this Approval or any statute, regulation or other legal requirement; or

(b) acceptance by the Ministry of the information’s completeness or accuracy.

(3) The Owner shall ensure that a copy of this Approval, in its entirety and including all its Notices of Amendment, and the documentation listed in Schedule "A", are retained at the Owner's office at all times.

1.10 Financial Assurance

(1) The Owner shall maintain to the Ministry, Financial Assurance as defined in Section 131 of the EPA, in the amount of $998,109. This Financial Assurance shall be in a form acceptable to the Director and shall provide sufficient funds for the transportation, Site clean-up and disposal of all quantities of waste on the Site at any one time. No

Contaminated Soil shall be received at the Site unless the acceptable Financial Assurance has been submitted to the Ministry and approved by the Director.

(2) Commencing on May 31, 2028 and at intervals of five (5) years thereafter, the Owner shall submit to the Director, a re-evaluation of the amount of Financial Assurance to implement the actions required under Condition 1.10(1). The re-evaluation shall include an assessment based on any new information relating to the environmental conditions of the Site and shall include the costs of additional monitoring and/or implementation of contingency plans required by the Director upon review of the closure plan and annual reports. The Financial Assurance must be submitted to the Director within thirty (30) calendar days of written acceptance of the re-evaluation by the Director.

(3) The amount of Financial Assurance is subject to review at any time by the Director and may be amended at his/her discretion. If any Financial Assurance is scheduled to expire or notice is received, indicating Financial Assurance will not be renewed, and satisfactory methods have not been made to replace the Financial assurance at least sixty (60) days before the Financial Assurance terminates, the Financial Assurance shall forthwith be replaced by cash.

1.11 Other Approvals

(1) The Owner shall ensure that the Site is not operated unless all approvals for the activities set out in Section 53 of the *OWRA,* where applicable, have been obtained.

1.12 Certificate of Requirement:

(1) Prior to dealing with the property in any way, the Owner shall provide a copy of this Approval and any amendments, to any person who will acquire an interest in the property as a result of the dealing.
(2) Within thirty (30) calendar days from the date of issuance of this Approval, the Owner shall submit to the Director a completed Certificate of Requirement which shall include:

> (a) a plan of survey prepared, signed and sealed by an Ontario Land Surveyor, which shows the area of the Site where waste has been or is to be deposited at the Site;
> (b) proof of ownership of the Site;
> (c) a letter signed by a member of the Law Society of Upper Canada or other qualified legal practitioner acceptable to the Director, verifying the legal description provided in the

Certificate of Requirement;
(d) the legal abstract of the property; and
(e) any supporting documents including a registerable description of the Site.

(3) Within fifteen (15) calendar days of receiving a Certificate of Requirement authorized by the Director, the Owner shall:

(a) register the Certificate of Requirement in the appropriate Land Registry Office on the title to the property; and
(b) submit to the Director written verification that the Certificate of Requirement has been registered on title.

2.0 SERVICE AREA, APPROVED CONTAMINATED SOIL TYPES, RATES and STORAGE

2.1 Service Area

(1) The service area approved under this Approval is the Province of Ontario.

2.2 Contaminated Soil Types

Incoming Contaminated Soil Quality Criteria

(1) Waste approved for receipt and transfer and/or processing at the Site is limited to solid non-hazardous Contaminated Soil.

(2) Furthermore, the Contaminated Soil approved for receipt at the Site and destined for Bioremediation at the Site is limited to the following:

(a) solid non-hazardous Contaminated Soil limited to soil contaminated with the petroleum hydrocarbons that can be biodegraded in accordance with this Approval and the ESDM Report; and

(b) soil that does not contain non-biodegradable contaminants at concentrations exceeding the Quality Criteria for the applicable Processed Soil re-use.

(3) Notwithstanding the provisions of Condition 2.2(2), above, the Contaminated Soil approved for receipt at the Site and destined for Bioremediation in Biopiles is limited to the Contaminated Soil with biodegradable contaminant constituent concentrations not exceeding Table 2 Standard for Industrial Use   Property.

Prohibitions

(4) The Site is not approved to receive any subject waste as defined under *Regulation 347.* Any incidental subject waste received at the Site shall be handled as the Rejected Waste and in accordance with the requirements set out in this Approval.

(5) The Site is not approved to receive any putrescible waste with the exception of incidental amount of putrescible waste that may not be separated out of the incoming Contaminated Soil. If a load of incoming Contaminated Soil containing more than an incidental amount of putrescible waste is received at the Site, it shall be removed from the Site as soon as possible but not later than twenty-four (24) hours from the time of its receipt.

(6) No free-phase liquid (non-aqueous phase liquid), excluding water, shall be present in the Contaminated Soil.

2.3 Biostimulation Compounds and Amendment Materials

(1) The following Biostimulation Compounds are approved for receipt, temporary storage and use at the Site:

(a) processed organic waste limited to Compost;

(b) nutrients as described in the Owner's application; and

(c) pH adjustments as described in the Owner's application.

(2) The following Bioaugumentation Compound(s) are approved for receipt, temporary storage and use at the Site:

(a) products as listed in the supporting documentation listed in Schedule “A” as required to achieve desired Bioremediation treatment of the Mix.

(3) The following Amendment Materials are approved for receipt, temporary storage and use at the Site:

(a) straw, wood chips, peat and natural wood products as listed in the supporting documentation listed in Schedule "A" as required to achieve desired porosity of the Mix.

2.4 Contaminated Soil Receipt Rates

(1) The Site is approved to receive the Contaminated Soil as follows:

(a) a maximum annualized average of 1,300 tonnes per day; and

(b) a maximum of 4,000 tonnes per day.

2.5 Storage Amounts

(1) The maximum storage amount of the Contaminated Soil, in storage and in the Bioremediation treatment, approved to be stored at the Site shall not exceed 40,000 tonnes at any one time, with a maximum of 2,000 tonnes approved to be stored in the Soil Storage Building.

(2) The maximum storage amount of Residual Waste approved to be stored at the Site shall not exceed 199 tonnes at any one time.

(3) The maximum storage amount of Rejected Waste approved to be stored at the Site shall not exceed 1,000 tonnes at any one time.

(4) The maximum storage amount of Compost approved to be stored at the Site shall not exceed 60 tonnes at any one time.

(5) The maximum total amount of Processed Soil that is approved to be stored at the Site shall not exceed 20,000 tonnes at any one time.

(6) The maximum storage amount of the liquid Bioaugmentation Compound(s) solution shall not exceed 20,000 litres at any one time.

(7) In the event that the Contaminated Soil destined for transfer off-Site and the Processed Soil cannot be processed and/or transferred off-Site and the Site is at its approved storage capacity, the Owner shall cease accepting additional Contaminated Soil until additional receipt of the Contaminated Soil complies with the waste storage limitations set out in this Approval.

2.6 Storage Duration

(1) The maximum storage duration of the Contaminated Soil destined for transfer from the Site shall not exceed ninety (90) days from its receipt.

(2) The maximum storage duration of the Residual Waste destined for final disposal off-Site shall not exceed sixty (60) days from the time of its generation.

(3) The Rejected Waste shall be removed from the Site within (4) business days of its receipt or receipt of the laboratory report from the analysis of the Contaminated Soil deemed as the Rejected Waste, as applicable, or as acceptable to the District Manager.

3. SIGNS and SITE SECURITY

(1) The Owner shall maintain a sign at the entrance to the Site. The sign shall be visible and readable from the main road leading to the Site. The following information shall be included on the sign:

(a) name of the Owner and the Site's address;

(b) this Approval number;

(c) hours during which the Site is open;

(d) waste types that are approved to be accepted at the Site;

(e) Owner's telephone number to which complaints may be directed;

(f) Owner's twenty-four hour emergency telephone number (if different from above);

(g) a warning against unauthorized access; and

(h) a warning against dumping at the Site.

(2) The Owner shall ensure that the Site is secured and that all entrances are secured by lockable gates to prevent unauthorized access when the Site is not open.

(3) The Owner shall ensure that the Site is operated in a safe and secure manner, and that all waste is properly handled, contained, stored and labelled so as not to pose any threat to the general public and the Site personnel.

4.0 SITE OPERATIONS

4.1 Operating hours:

(1) (a) Receiving, shipping and handling of the Contaminated Soil, other than the Bioremediation, shall be carried out at the Site, Monday through Friday 6:00 a.m. to 7:30 p.m., unless otherwise limited by municipal by-laws;

(b) Bioremediation of the Contaminated Soil may be carried out at the Site, 24 hours per day, 7 days per week, 365 days per year, unless otherwise limited by municipal by-laws.

(2) Notwithstanding restrictions in Condition 4.1(1)(a) above, the Contaminated Soil from emergency spill response activities may be received at the Site at any time, subject to the records' keeping requirements set out in this Approval and unless otherwise limited by municipal by-laws.

4.2 Incoming Contaminated Soil receipt:

(1) Before accepting any Contaminated Soil at the Site, except the Contaminated Soil from emergency spill response activities, the Owner shall acquire documentation from the generator showing the origin of the Contaminated Soil, verifying that it is a solid, non-hazardous waste and characterizing its contaminating constituents. As a minimum, the documentation shall include the following:

(a) the generator's name and/or company name, address, and contact information;

(b) Contaminated Soil source site location;

(c) current Contaminated Soil source site activities and land use;

(d) past Contaminated Soil source site activities and land use, if known;

(e) estimated quantity of the Contaminated Soil to be received at the Site;

(f) the results of any Phase 1 or Phase 2 site assessments undertaken for the source site in accordance with the Ministry's requirements under *O. Regulation 153/04* or the following sampling and analytical results data:

> (i) sampling protocols, including the number of samples taken and their locations, the sampling methods used and handling of the samples, if available;
>
> (ii) analytical results for *Regulation 347* Schedule 9 slump test if the Contaminated Soil has a high moisture content;
>
> (iii) any applicable analytical results demonstrating that the Contaminated Soil does not trigger any criteria from the hazardous waste definition from *Regulation 347,* including TCLP analysis;
>
> (iii) source site concentrations for petroleum hydrocarbons;
>
> (iv) source site concentrations for heavy metals; and
>
> (v) other potential contaminants of concern, including volatile organic compounds and semi-volatile organic compounds, based on the current and past source

site activities and land use.

All supported by any applicable analytical results from an accredited laboratory (Canadian Association for Laboratory Accreditation or equivalent).

(2) The Owner shall not accept Contaminated Soil at the Site until such time as the documentation required by Condition 4.2(1), above, is reviewed and deemed acceptable by Trained Personnel, except in the following circumstances:

(a) Contaminated Soil received from emergency spill response activities, provided that the requirements of Condition 4.2(3) are met;
(b) Contaminated Soil for which the documentation from the generator is missing any of the analytical results or source site concentrations required by Condition 4.2(1)(f), provided that the Contaminated Soil remains segregated from all other Contaminated Soil and materials until the missing analytical results or source site concentrations have been provided by the generator or by analysis of samples taken at the Site; and
(c) Contaminated Soil for which the documentation from the generator is missing source site concentrations for heavy metals, provided that the Contaminated Soil is screened as it is received at the Site using a portable metals analyzer.

(3) (a) Notwithstanding Condition 4.2(1) and 4.2(2), above, the Owner may accept Contaminated Soil from emergency spill response activities without previous characterization, provided that this Contaminated Soil remains segregated from all other Contaminated Soil and materials on-Site as set out in this Approval and that the Contaminated Soil from the emergency response activities, is tested in accordance with the requirements set out in Condition 6.5.

(b) Any Contaminated Soil generated from emergency spill response activities that is found to be unacceptable for receipt at the Site shall be deemed as Rejected Waste and shall be removed from the Site and disposed of in accordance with this Approval, the *EPA* and *Regulation 347.*

(4) (a) All Contaminated Soil receipt and unloading shall be undertaken within the dedicated receiving area of the Site as set out in the supporting documentation listed in the attached Schedule “A”.

(b) Contaminated Soil shall not to be stored within vehicles at the Site, unless the vehicles are parked within the confines of the Soil Storage Building and the storage duration does not exceed twenty four (24) hours from the time of the vehicle's arrival at the Site.

(5) The Trained Personnel shall visually inspect the incoming Contaminated Soil as it is being unloaded. Any Contaminated Soil that exhibits characteristics suggesting that it is not a solid, non-hazardous waste shall be deemed a Rejected Waste and disposed of in accordance with this Approval, the *EPA* and *Regulation 347.*

(6) The Owner shall only accept Contaminated Soil that was transported to the Site by haulers approved by the Ministry, as required.

4.3 Rejected Waste Handling and Disposal:

(1) In the event that the Contaminated Soil that is not approved under this Approval is inadvertently accepted at the Site, the Owner shall ensure that all Rejected Waste:

(a) is stored indoors or outdoors covered in the way that ensures isolation from other wastes and materials and from the natural environment; and

(b) is handled and removed from the Site in accordance with *Regulation 347* and the *EPA.*

(2) In the event that the Rejected Waste is inadvertently accepted at the Site, the Owner shall keep a record in accordance with the requirements set out in Condition 11.8, below, and notify the District Manager in accordance with the requirements set out in Condition 12.1, below.

4.4 Residual Waste Handling and Disposal:

(1) The Owner shall ensure that the solid Residual Waste:

(a) is stored in a designated area of the Site;

(b) is segregated from all other waste; and

(c) is managed and removed from the Site in accordance with *Regulation 347* and the *EPA.*

4.5 Storage Area Requirements

(1) All storage of the Contaminated Soil, Rejected Waste, Residual Waste, Processed Soil, processing amendments and/or reagents shall be carried out within the designated areas of the Site as set out in supporting documentation included in the attached Schedule “A” and as required below:

(a) Contaminated Soil storage stock piles shall be contained within the dedicated areas referred to as Processing and Storage shown on the "Site Plan" listed in the attached Schedule “A” and shall not exceed 12 metres in height.

(b) Prior to completion of the required characterization, stock piles of the Contaminated Soil generated from emergency spill response activities and all Contaminated Soil not characterized by the generator but accepted at the Site, shall be covered with a tarp at all times, except during sampling for the purpose of incoming Contaminated Soil characterization.

(c) Notwithstanding provisions of Conditions 4.5(1)(a) and (b) above, the incoming the Contaminated Soil destined for transfer off-Site shall be segregated and covered with a tarp, on the outdoor storage areas, or be segregated and stored within the confines of the Soil Storage Building, until it is removed from the storage location for pre-processing or transferred from the Site for further processing or disposal.

(d) All wastes and chemicals shall be stored at the Site in compliance with the requirements set out in the Ministry's document entitled *"Guidelines for Environmental Protection Measures at Chemical and Waste Storage Facilities"* dated May

2007, as amended.

(e) The liquid Bioaugmentation Compound(s) solution storage tanks shall be located within the confines of the Soil Storage Building in a spill containment area designed in accordance with the requirements of this Approval.

(f) Compost and the Amendment Materials required for the Bioremediation of the Contaminated Soil at the Site shall be stored within the confines of the Soil Storage Building or outdoors on the dedicated area referred to as Processing and Storage shown on the "Site Plan" listed in the attached Schedule “A” under an impermeable cover.

4.6 Contaminated Soil Management Activities:

(1) The Owner shall ensure that the Contaminated Soil containing contaminants that cannot be bioremediated through processing at the Site is transferred from the Site in accordance with the *EPA* and *Regulation 347.*

(2) The following Contaminated Soil management activities are approved in this Approval:

(a) weighing all incoming and outgoing truck loads and recording the results;

(b) receipt, temporary storage, screening as required, and transfer of the Contaminated Soil intended for transfer off-Site;

(c) receipt, temporary storage, screening as required, and Bioremediation of the Contaminated Soil that can be Bioremediated, including the following management activities:

(i) mixing of the Contaminated Soil with the Bioaugmentation Compound(s) solution, the Biostimulation Compound(s) and the Amendment Materials into the Mix, as required; and

(ii) Bioremediation of the Mix in Biocells and Biopiles, including subsequent aeration and addition of the Bioaugmentation Compound(s) solution and the Biostimulation Compound(s), as required; and

(d) sorting of the Residual Waste to remove rocks and decontamination of the rocks.

(3) The Owner shall ensure that all Contaminated Soil, the Residual Waste, the Rejected Waste and the Processed Soil management activities at the Site are carried out in designated areas as shown on the "Site Plan" listed in the attached Schedule “A”, at all times.

(4) (a) (i) Within twenty four (24) hours of receipt or on the next operating business day, the Owner shall process the Contaminated Soil into the Mix.

(ii) The Mix destined for Bioremediation in a Biocell shall be stock piled under a tarp or within the confines of the Soil Storage Building until the required Biocell can be constructed.

(b) Notwithstanding the provisions of Condition 4.6(4)(a), the Company shall ensure that any Contaminated Soil having benzene concentration greater than 0.111 micrograms per gram is treated immediately with an initial dose of Biostimulation and/or Bioaugmentation Compound(s), is covered and is prioritized for placement in a Biocell.

(c) Should any measured oxygen concentration within the Biopile fall below 15%, the Mix from the Biopile shall be moved into an active aeration Biocell.

(5) The Mix undergoing Bioremediation shall be irrigated to maintain optimal moisture level as proposed in the supporting documentation listed in the attached Schedule “A”.

(6) The Mix undergoing Bioremediation in Biocells shall be aerated as required to maintain a target oxygen level range between 15-20% to ensure aerobic conditions

within the Mix.

(7) The Mix undergoing Bioremediation shall be maintained at the optimal pH level as proposed in the supporting documentation listed in the attached Schedule “A”.

(8) All activities approved under this Approval shall only be carried out by the Trained Personnel appropriately trained as set out in Condition 8.2.

(9) Unless the Mix handling or Biocell construction activities are being carried out, the Biocells shall be covered at all times.

(10) All Biocells, Biopiles and the Contaminated Soil and the Processed Soil storage stock piles shall be located on an impermeable liner or asphalt surface.
(11) The maximum height for all Bioremediation Biopiles and the Processed Soil storage piles shall not exceed 12 metres.
(12) The maximum height for the Bioremediation Biocells shall not exceed 3 metres.
(13) The Biocells shall be constructed with 2:1 (H:V) slopes, and shall be located in the areas referred to as "Process & Storage", on the drawing entitled "Site Plan", included in the attached Schedule “A”.
(14) The Contaminated Soil intended for transfer off-Site shall be stored in a segregated area, and shall be covered with a tarp.

(15) (a) The Owner shall ensure that no Contaminated Soil handling activities, including screening, Biopile/Biocell formation activities or transfer to storage locations or into vehicles are undertaken during high wind events.

(b) All Biopiles and storage stock piles shall be managed in a manner that minimizes dust emissions and in accordance with the procedures stipulated in the document entitled "Best Management Practices Plan" required by this Approval.

(16) The Owner shall segregate the Processed Soil stock piles of different quality and destined for different types of receiving sites to ensure that the outbound Processed Soil is sent to appropriate receiving sites as restricted in this Approval.
(17) All emergency spill clean-up Contaminated Soil shall be segregated from other Contaminated Soil and the Processed Soil until the required characterization is completed, at which point the said Contaminated Soil may be commingled with the Contaminated Soil destined to undergo comparable processing or transfer off-Site.
(18) Unless otherwise specified in this Approval, the approved activities shall be carried out as set out in the documents in the attached Schedule “A”.

4.7 Prohibitions

(1) Burning of any wastes is prohibited at the Site.

(2) Scavenging of any wastes is prohibited at the Site.

(3) At no time shall any Contaminated Soil be mixed with any other waste, soil or materials if the principal purpose of the mixing is to reduce contaminant concentrations in the Contaminated Soil.

(4) No inoculants or additives can be added to the Contaminated Soil for the purpose of aiding the Bioremediation process other than those approved under this Approval.

4.8 Cross-Contamination Prevention

(1) The Owner shall ensure that the incoming Contaminated Soil and the Equipment used in handling of the incoming Contaminated Soil are kept separate and do not come in contact with the Processed Soil unless the Equipment has been cleaned first, as required, to prevent cross-contamination.

4.9 Control of Discharges to the Atmosphere

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-205 or Publication NPC-232, as applicable.

FUGITIVE DUST CONTROL

(2) Upon issuance of Notice No. 1 to this Approval, 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.

4.10 Wastewater Management

(1) The Owner shall ensure that all wastewater resulting from the waste handling activities at the Site is contained within the wastewater collection system and is managed in accordance with the requirements set out in any Environmental Compliance Approvals issued for the activities mentioned in Section 53 of the *OWRA* and any other applicable legislation.

5.0 EQUIPMENT MAINTENANCE AND SITE INSPECTIONS

5.1 Inspections

(1) (a) The Owner shall maintain at the Site a comprehensive written inspection

program which includes procedures for inspections of all aspects of the Site's operations including the following:

(i) Contaminated Soil, Processed Soil and any other waste loading/unloading/storage/handling areas;

(ii) condition of all major pieces of the Equipment;

(iii) condition of all instruments for monitoring required under this Approval;

(iv) security fence and property line;

(v) presence of excessive fugitive dust emissions from the operation of the Site;

(vi) presence of the on and off-Site litter; and

(vii) presence of off-Site odours.

(b) The inspection program shall be up-dated, as required, shall be retained at the Site and be made available for inspection by a Provincial Officer, upon request.

(2) The inspections required in Condition 5.(1) shall be undertaken daily by Trained Personnel in accordance with the inspection program to ensure that all Equipment and facilities at the Site are maintained in good working order at all times and that no off Site impacts are occurring. Any deficiencies detected during these regular inspections must be promptly corrected.

5.2 Spare Parts

(1) The Owner shall prepare a list of critical spare parts and update this list annually or more frequently, if necessary, to ensure that this list is maintained up-to-date. The list shall be retained at the Site and be made available for inspection by a Provincial Officer, upon request.

(2) The Owner shall ensure that the critical spare parts are available at the Site at all times or be immediately available from an off-Site supplier.

5.3 Maintenance

(1) The Company shall ensure that the Equipment is properly operated and maintained at all times.

> (a) The Company shall prepare, not later than three (3) months after the date of this Approval, and update, as necessary, a written or electronic document outlining the operating procedures and a maintenance program for the Equipment, including routine operating and maintenance procedures in accordance with good engineering practices and as recommended by the Equipment suppliers.
>
> (b) The Company shall implement the recommendations of the document referred to in Condition 5.3(2), above.

(2) (a) The Owner shall develop and implement a preventative maintenance program for all on-Site Equipment associated with the processing and managing of wastes and control of fugitive odour and dust emissions.

> (b) The preventative maintenance program shall be maintained up-to-date, be retained at the Site and be available for inspection by a Provincial Officer, upon request.

6.0 PROCESSED SOIL QUALITY CRITERIA, MONITORING & TESTING

6.1 Quality Criteria

(1) Based on the final destination of the Processed Soil set out in Condition 6.7, below, the Processed Soil shall not exceed the appropriate Quality Criteria.

(2) The Processed Soil shall also comply with any other applicable requirements for the receiving site as required by the local municipality, the local conservation authority and any other applicable provincial/federal legislation.

(3) The Contaminated Soil intended for transfer off-Site shall not exceed the criteria set out in the Environmental Compliance Approval issued by the Ministry for the receiving waste disposal site or any other site approved to accept such waste by an appropriate government agency of equivalent jurisdiction.

6.2 Operating Conditions Monitoring

(1) During the normal operating hours, the Owner shall monitor the following Bioremediation process parameters in Biocells and in Biopiles in accordance with the protocol set out in the supporting documentation listed in the attached Schedule “A”:

(a) temperature;
(b) oxygen level;
(c) moisture level;
(d) pH;
(e) carbon dioxide level; and
(f) total residual petroleum hydrocarbons.

(2) The readings shall be taken, as a minimum, at five (5) representative locations, one (1) metre from the surface of the Biocell.

(3) The readings shall be taken, as a minimum, at five (5) locations representing the full depth profile of the Biopile, starting at the location one (1) metre from the surface of the Biopile.

(4) The monitoring shall be carried out on a daily basis, unless Trained Personnel determines an alternative monitoring frequency and retains written justification for the change as part of the monitoring records required by Condition 11.6, below.

6.3 Quality Control Testing for the Contaminated Soil that Requires Characterization at the Site and for the Processed Soil

Sampling Frequency:

(1) (a) For the Contaminated Soil and for the Processed Soil stock piles size smaller than three (3) cubic meters, the Owner shall ensure that a minimum of three (3) aliquots are taken for each cubic meter of the Contaminated Soil or the Processed Soil and that a composite sample of the Contaminated Soil or the Processed Soil is prepared for the required analysis.

(b) For the Contaminated Soil and the Processed Soil stockpiles of size greater than three (3) cubic metres but less than 5,000 cubic metres, the Owner shall ensure that the Contaminated Soil or Processed Soil representative individual grab samples are taken in accordance with the following sampling frequency for the required analysis:

Pile Volume	Samples for Laboratory Analysis
Less than 50 m^3	A minimum of one sample
>50m^3 to 150 m^3	A minimum of three samples
>150m^3 to 500 m^3	A minimum of five samples
>500m^3 to 1500 m^3	A minimum of 10 samples
>1500 m^3	A minimum of 15 samples

(c) For the Contaminated Soil and the Processed Soil stock piles of size greater than 5,000 cubic metres, the sampling frequency shall be determined in accordance with the formula set out in the Ministry's document entitled *"Principles of Sampling and Analysis of Waste for TCLP under Regulation 347"* dated February, 2002, as amended and the Owner shall ensure that the Contaminated Soil and the Processed Soil representative individual grab samples are taken for the required analysis.

Sampling Procedures:

(2) (a) All Contaminated Soil and Processed Soil stockpiles sampling shall be carried out in accordance with procedures set out in the Ministry's document entitled " *Principles of Sampling and Analysis of Waste for TCLP under Regulation 347* " dated February, 2002, as amended.

(b) Samples shall be handled in accordance with the instructions of the accredited laboratory carrying out the analytical testing.

Testing:

(3) To verify compliance with the Soil Standards, the analysis shall be undertaken in compliance with the *"Protocol for Analytical Methods Used in the Assessment of*

Properties under Part XV.1 of the Environmental Protection Act", dated July 1, 2011, as amended, at an accredited laboratory and in accordance with the industry standards.
(4) To determine if the Contaminated Soil is a solid, the testing shall be carried out in compliance with the procedure in *Regulation 347.*
(5) To determine if the Contaminated Soil is not a leachate toxic waste, the testing shall be carried out in compliance with the TCLP in *Regulation 347.*

6.4 Verification Characterization of the Contaminated Soil

(1) For the Contaminated Soil that has been characterized by the generator, the Owner shall collect a minimum of one (1) representative sample from each Biocell and Biopile during its construction in order to verify the quality of the Contaminated Soil.

(2) The Owner shall submit the samples to an accredited laboratory for the required analysis and shall ensure that the following parameters are tested for:

(a) parameters required to confirm that the incoming Contaminated Soil is a solid and a non-hazardous waste, including relevant parameters set out in Schedule 4 entitled "Leachate Quality Criteria" of *Regulation 347;*

(b) petroleum hydrocarbon fractions: F1 (C6-C10), F2 (>C10-C16), F3 (>C16-C34), and F4 (>C34);

(c) Benzene, Toluene, Ethyl benzene and any other VOCs based on the source site uses and history;

(d) SVOCs based on the source site uses and history;

(e) heavy metals based on the source site uses and history; and

(f) any other contaminants based on the source site uses and history.

6.5 Characterization of the Contaminated Soil from Emergency Situations

(1) The Owner shall ensure that the Contaminated Soil from emergency spill response activities is characterized.

(2) If not already done by the contractor at the site of the spill, within twenty four (24) hours from its receipt, or on the next business day, whichever comes first, the Owner shall collect samples from the storage stock piles of the Contaminated Soil generated

from emergency spill response activities in accordance with the requirements set out in Condition 6.3, above.

(3) Samples shall be submitted to an accredited laboratory for the required analysis and the following parameters shall be tested for:

(a) parameters required to determine if the incoming Contaminated Soil is a solid and a non-hazardous waste, including relevant parameters set out in Schedule 4 entitled “Leachate Quality Criteria” of *Regulation 347;*

(b) petroleum hydrocarbon fractions: F1 (C6-C10), F2 (>C10-C16), F3 (>C16-C34), and F4 (>C34);

(c) Benzene, Toluene, Ethyl benzene and any other VOCs based on the source site uses and history;

(d) SVOCs based on the source site uses and history;

(e) heavy metals based on the source site uses and history and the nature of the spill; and

(f) any other contaminants based on the source site uses and history and the nature of the spill.

6.6 Processed Soil Quality Control Testing

(1) The Owner shall collect samples of the Processed Soil in accordance with the requirements set out in Condition 6.3, above.

(2) Additional sampling and analysis specific to the receiving site shall be carried out as required by the local municipality, the local conservation authority and any applicable federal/provincial legislation.

(3) Should the receiving site be subject to the requirements set out in *O. Regulation 153/04,*additional sampling and analysis specific to the receiving site shall be carried out as recommended by the Qualified Person for the receiving site.

6.7 Processed Soil Re-Use

(1) Treated Soil may leave the Site only to be deposited at any one of the following

receiving sites:

(a) a waste disposal site approved under Part II.1 of the *EPA* to accept the Treated Soil;

(b) a RSC property within the meaning of *O. Regulation 153/04,* provided that the Treated Soil deposition on, in or under the property complies with the requirements set out in s. 55 of *O. Regulation 153/04;*

(c) a property that is a pit or quarry under the *ARA,*if:

(i) the Qualified Person has confirmed in writing that the concentrations of constituent contaminants of the Treated Soil and the deposition of the Treated Soil at the pit or quarry complies with the requirements of the *ARA,* and the regulations, the site plan and the conditions of the licence or permit under the *ARA;* and

(ii) the Qualified Person has determined it is appropriate to bring the Treated Soil to the site and this determination was done with consideration given to the contaminant volumes and loading, the impacts on the existing conditions at the receiving site and the introduction of new contaminants to the receiving site;

(d) a property for which a Permit has been issued by the local municipality or the conservation authority and the Treated Soil complies with the requirements outlined in the Permit;

(e) (i) any other receiving site not already listed in paragraphs (b) though (d), above, provided that this receiving site has been assessed by a Qualified Person and the Qualified Person has confirmed in writing that the maximum concentrations of constituent contaminants of the Treated Soil do not exceed the following quality criteria:

(A) the receiving site's existing average concentrations of said constituents in the soil horizon in which the Treated Soil is to be deposited, or in the soil horizon of equivalent depth immediately below the fill if the Treated Soil is to be placed on top of the existing soil surface;

(B) the appropriate Table 2 Soil Standards for the current land use of the receiving site if the said Table 2 Soil Standards are lower than the receiving site's existing average concentrations referred to in 6.7(1)(e)(i)(A), above; or

(C) the appropriate Table 2 Soil Standards for the current land use of the receiving site if a Qualified Person has confirmed in writing that:

- the Qualified Person has determined it is appropriate to use the applicable Soil Standards for bringing the Processed Soil to the receiving site, and
- has

determined this with consideration given to the Ministry document *“Rationale for the Development of Soil and Ground Water Standards for Use at Contaminated Sites in Ontario, revised version April 15, 2011”,* including consideration of the factors used in setting the Soil Standards.

(ii) Notwithstanding Condition 6.7(1)(e)(i), the sites covered under Condition 6.7(1)(e)(i) cannot include a type of property described in section 41.(1) of *O. Regulation 153/04.*

(2) Before shipping any Treated Soil from the Site, the Owner shall obtain from the receiving site's owner a written confirmation certified by the Qualified Person, that:

(a) the Treated Soil quality and quantity is appropriate for the receiving site;
(b) the receiving site's owner agrees to accept the Treated Soil; and
(c) the deposition of the Treated Soil at the receiving site will not cause an Adverse Effect to human health or the environment.

(3) The Qualified Person shall certify that the confirmations required in Condition 6.7(1) and 6.7(2), above, have been based on engineering or scientific opinions made in accordance with generally accepted principles and practices as recognized by members of the environmental engineering or science profession or discipline practising at the same time and in the same or similar location.

(4) A maximum of 16,000 tonnes of the Treated Soil may be used to construct two berms at the Site as shown in Item 12 of Schedule "A" provided that the Treated Soil meets Table 2 Standards for Residential/Parkland/Institutional Property Use.

(5) Any Processed Soil that exceeds the Quality Criteria appropriate for its intended site/property end-use must be re-processed.

(6) Any Processed Soil that cannot be re-processed shall:

(a) be segregated from all other Contaminated Soil, the Processed and the Treated Soil at the Site; and

(b) be removed from the Site within fourteen (14) days of the date of the compliance testing report using an approved hauler, as required, unless otherwise authorized in writing by the District Manager.

6.8 Outbound Contaminated Soil Destined for Transfer

(1) The Contaminated Soil intended for transfer off-Site shall be shipped from the Site only to a Ministry approved waste disposal site or other site approved to accept such waste by an appropriate government agency of equivalent jurisdiction.

6.9 Surface Water and Groundwater Monitoring

(1) The Owner shall ensure that the surface water and the groundwater monitoring are carried out in accordance with the supporting documentation listed in the attached Schedule “A”.

7.0 HOUSEKEEPING and NUISANCE IMPACT CONTROL

7.1 Vermin and Vectors

(1) The Owner shall implement necessary housekeeping procedures to eliminate potential sources of attraction for vermin and vectors.

7.2 Dust

(1) Notwithstanding the dust control provisions set out in Condition 4.9(2), only clean water shall be used to wet the Processed Soil stock piles following the Processed Soil Quality Control Testing required in this Approval.

7.3 Litter

(1) The Owner shall pick up the litter at the Site, as required to prevent its escape from the Site.

7.4 Vehicles and Traffic

(1) (a) The Owner shall ensure that all vehicles leaving the Site are not leaking or dripping wastes or wastewater when leaving the Site.

(b) Should the Owner become aware that a vehicle delivering Contaminated Soil to the Site has leaked waste and/or wastewater on the municipal roadways, the Owner shall immediately report the violation to the owner of the vehicle(s) and to the District Manager.

(c) The Owner shall ensure that vehicles leaving the Site do not drag mud or waste onto the public roadways.

(d) The Owner shall ensure that the wheels of all vehicles departing from the Site are inspected and cleaned, as required, prior to the vehicles' departure from the Site.

(2) The Owner shall ensure that there is no queuing or parking of vehicles that are waiting to enter the Site on any roadway that is not a distinct part of the Site.

(3) The Owner shall ensure that the vehicles transporting any wastes from the Site are appropriately covered as they depart from the Site, so that fugitive dust or odour emissions are minimized during the transit to their destination.

(4) Only haulers approved by the Ministry, as required, shall be used to transport any waste from the Site.

(5) The Owner shall dust emissions are minimized during loading of vehicles for transportation off the Site.

7.5 Complaints Response Procedure

(1) A designated representative of the Owner shall be available to receive public complaints caused by the operations at the Site twenty-four (24) hours per day, seven (7) days per week.

(2) If at any time, the Owner receives a complaint regarding the operation of the Site, the Owner shall respond to the complaint according to the following procedure:

(a) the Owner shall record each complaint on a formal complaint form entered in a computerized tracking system. The information recorded shall include the nature of the complaint, circumstances of the complaint including the wind direction and other weather conditions, the name, address and the telephone number of the complainant, if available, and the time and date of the complaint;

(b) the Owner, upon notification of the complaint shall initiate appropriate steps to determine all possible causes of the complaint, proceed to take the necessary actions to eliminate the cause of the complaint and forward a formal reply to the complainant; and

(c) the Owner shall immediately notify the Ministry in writing, of the complaint, followed with the submission of a written report within one (1) week of the complaint detailing what actions, if any, were taken to identify and remediate the cause of the complaint, the name(s) of Company personnel responsible for handling the incident and a description of the measures taken to prevent a similar occurrence in the future.

8.0 OPERATIONS MANUAL & STAFF TRAINING

8.1 Operations Manual

(1) All operations at the Site shall be carried out in accordance with the Operations Manual.

(2) By no later than **6 months from the date of issuance of this Approval** , the Owner shall submit to the Director for approval, an updated Operations Manual (to be labelled as a Design and Operations Report) that expands on the existing Operations Manual to include, at a minimum, the following:

(a) outline of the responsibilities of Site personnel;

(b) personnel training protocols;

(c) health and safety requirements;

(d) a site plan showing the Site boundary, excess soil/ waste unloading/storage/loading areas, and any water/storm water management areas, including dimensions and construction details;

(e) Site operating procedures including, but not limited to, excess soil/ waste receiving, screening, refusal, manifesting, unloading, handling, storage, disposal, and shipping procedures;

(f) detailed monitoring, sampling, testing and recording procedures;

(g) tank cleaning procedures;

(h) equipment and Site inspection and maintenance procedures;

(i) nuisance impact control & housekeeping procedures;

(j) emergency response procedures, as outlined in the Emergency Response and Contingency Plan, including an outline of the responsibilities of Site personnel including roles and responsibilities during emergency situations, exit locations and evacuation routing, and locations of relevant equipment available for handling of the emergency situations;

(k) the contingency plans for the Site, as outlined in the Emergency Response and Contingency Plan; and

(l) the procedures for handling and recording complaints as described in this Approval.

(3) A copy of the Operations Manual shall be kept in a central location at the Site and must be accessible to personnel at all times.

8.2 Training

(1) (a) Site employees shall be trained with respect to the following:

(i) operation and management of the Site, or area(s) within the Site, as per the specific job requirements of each individual employee in accordance with the Operations Manual required by Condition 8.1(1), above;

(ii) terms and conditions of this Approval, relevant to the specific job requirements of each individual employee in accordance with the Operations Manual required by Condition 8.1(1), above;

(iii) environmental, and occupational health and safety concerns pertaining to the wastes to be handled;

(iv) emergency first-aid information and the use of the Equipment and materials outlined in the Emergency Response and Contingency Plan;

(v) relevant waste management legislation and regulations, including the *EPA* and *Regulation 347,*

(vi) Best Management Practices Plan required by Condition 4.9, above; and

(vii) sampling/testing protocols required for the characterization of the incoming the Contaminated Soil and the outgoing Processed Soil.

(b) The Owner shall ensure that all employees at the Site are trained in the requirements of this Approval relevant to the employee's position:

(i) upon commencing employment at the Site in a particular position; and

(ii) whenever items listed in Condition 8.2(1)(a) are changed or during the planned three (3)-year refresher training.

9.0 EMERGENCY RESPONSE AND CONTINGENCY PLAN

(1) The Owner shall maintain an up-to date Emergency Response and Contingency Plan for the Site. The Emergency Response and Contingency Plan shall be revised, as required, in consultation with the District Manager. The Owner shall also invite the local

municipality and the local Fire Department to provide input and/or comments into revisions of the Emergency Response and Contingency Plan. The Emergency Response and Contingency Plan, as a minimum must include the following:

(a) emergency response procedures to be undertaken in the event of a spill, process upset, power failure, fire or any other emergency situation, including specific clean up methods for wastes expected to be generated from the emergency situation;

(b) a list of Equipment and clean up materials available for dealing with the emergency situations and their locations on the Site plan;

(c) notification protocol with names and telephone numbers of persons to be contacted, including persons responsible for the Site, the Ministry's District Office and Spills Action Centre, the local Fire Department, the local Municipality, the local Medical Officer of Health, and the Ministry of Labour, and the names and telephone numbers of waste management companies available for emergency response;

(d) procedures and actions to be taken should the incoming the Contaminated Soil not meet the Quality Criteria set out in this Approval;

(e) procedures and actions to be taken should the outgoing Residual Waste or the the Contaminated Soil destined for transfer off-Site not meet the Quality Criteria set out in the receiving site's Environmental Compliance Approval;

(f) procedures and actions to be taken should the Processed Soil fail to meet the required Quality Criteria;

(g) procedures and actions to be taken should the temporary storage of the the Contaminated Soil or of any other waste at the Site result in occurrence of complaints;

(h) procedures and actions to be taken should the occurrence of complaints require the Owner to implement additional environmental impact control measures; and

(i) procedures and actions to be taken should the occurrence of complaints require the Owner to suspend the Contaminated Soil handling activities at the Site.

(2) An up-to-date version of the Emergency Response and Contingency Plan shall be kept at the Owner's office, in a central location known and available to all Site personnel. A copy shall be made available to Ministry staff upon request and to the local municipality and the local Fire Department, if requested.

(3) The Emergency Response and Contingency Plan shall be reviewed on an annual basis and updated, if necessary. The revised version of the Emergency Response and Contingency Plan shall be provided to the District Manager and to the local municipality and the Fire Department, if requested.

10.0 EMERGENCY SITUATIONS RESPONSE AND REPORTING

(1) The Owner shall immediately take all necessary measures, as set out in the Emergency Response and Contingency Plan, to handle the emergency situations occurring at the Site.

(2) The Owner shall ensure that the Equipment and materials outlined in the Emergency Response and Contingency Plan are immediately available at the Site at all times and are in a good state of repair and fully operational.

(3) The Owner shall ensure that all Site employees are fully trained in the use of the Equipment and materials outlined in the Emergency Response and Contingency Plan, and in the procedures to be employed in the event of an emergency.

(4) All Spills shall be immediately reported to the **Ministry's Spills Action Centre at 1-800-268-6060** and to the local municipality and shall be recorded in the log book as to the nature and cause of the Spill, and the action taken for clean-up, correction and prevention of similar future occurrences.

(5) Should a Spill occur at the Site, in addition to fulfilling the requirements from the *EPA,* the Owner shall submit to the District Manager a written report within three (3) calendar days outlining the nature of the Spill, remedial measure taken and the measures taken to prevent future occurrences at the Site.

11.0 RECORDS KEEPING

11.1 Daily Activities

(1) The Owner shall maintain a written or digital record of daily activities undertaken at the Site. All measurements shall be recorded in consistent metric units of measurement. The record shall include, as a minimum, the following information:

Waste:

(a) date of receipt and the name of the original Contaminated Soil generator, source site location, land/use of the source site, and the quantity (tonnage and number of trucks) of the Contaminated Soil received;

(b) results of the required characterization of the incoming Contaminated Soil;

(c) the Contaminated Soil processing activities undertaken at the Site, including the amounts of the Biostimulation and the Bioaugmentation Compound(s) and of the Amendments Materials used in the Bioremediation process and the details of the source(s) of the Contaminated Soil combined to formulate each Bioremediation Biocell and Biopile;

(d) date, quantity, type, quality (including the analytical data from any compliance testing) and the destination of the Processed Soil and of the the Contaminated Soil destined for transfer off-Site;

(e) date, quantity, type, quality (including the analytical data from any compliance testing) of the Contaminated Soil that was transferred back to the Bioremediation process for re-processing;

(f) date, quantity, type, and the destination of the total Residual Waste, transferred from the Site for final disposal;

(g) date, quantity, type, quality (including the analytical data from any compliance testing, if applicable) and the destination of the Rejected Waste transferred off-Site and the reason for rejection;

(h) housekeeping activities, including wetting of the Biopiles and/or storage stock piles for dust control and the type of material used;

(i) the running total of the Contaminated Soil temporarily stored prior to Bioremediation, the Contaminated Soil undergoing Bioremediation in Biocells and in Biopiles (counted separately), and of the Contaminated Soil intended for transfer off-Site, all temporarily stored in their approved storage locations;

(j) the running total of the Processed Soil and its characterization results, if characterization has been completed;

(k) copies of the signed confirmations required in Conditions 6.7(1) and 6.7(2), above, for each of the receiving sites and the confirmation of the credentials for the Qualified Person, as applicable;

Air/Noise

(l) the date when each emission control measure described in the Best Management Practices Plan is installed, including a description of the control measure;

(m) the date when each new preventative measure or operating procedure to minimize emissions is implemented, including a description of the preventative measure or operating procedure; and

(n) the date, time of commencement, and time of completion of each periodic activity conducted to minimize emissions, including a description of the preventative measure/procedure and the name of the individual performing the periodic activity.

11.2 Emergency Situations

(1) The Owner shall maintain a written or digital record of the emergency situations. The record shall include, as a minimum, the following:

(a) the type of an emergency situation;

(b) description of how the emergency situation was handled;

(c) the type and amount of material spilled, if applicable;

(d) a description of how the spilled material was cleaned up and waste stored, if generated; and

(e) the location and time of final disposal, if applicable.

11.3 Inspections and Maintenance

(1) The Owner shall maintain a written or digital record of inspections and maintenance as required by Condition 5.0, above. The record shall include, as a minimum, the following:

(a) the name and signature of person that conducted the inspection;

(b) the date and time of the inspection;

(c) the list of any deficiencies discovered;

(d) the recommendations for remedial action;

(e) the date, time and description of actions taken; and

(f) all records on the maintenance, repair and inspection of the Equipment.

11.4 Training

(1) The Owner shall maintain a written or digital record of training as required by Condition 8.2, above. The record shall include, as a minimum, the following:

(a) date of training;

(b) name and signature of person who has been trained; and

(c) description of the training provided.

11.5 Sampling & Testing Records

(1) The Owner shall establish and maintain a written or digital record of all sampling and testing activities at the Site as required by Condition 6.0, above. This record shall include, as a minimum, the following information:

(a) Contaminated Soil type sampled, sample collection locations and volume collected;

(b) day and time of collection;

(c) sample handling procedures;

(d) name of the person undertaking the sampling;

(e) parameters tested for and the results;

(f) name of the laboratory facility conducting the testing, if applicable; and

(g) conclusions drawn with respect to the results of the testing.

11.6 Monitoring Records

(1) The Owner shall establish and maintain a written or digital record of all monitoring activities at the Site as required by Condition 6.2, above.

11.7 Complaints Response Records

(1) The Owner shall establish and maintain a written or digital record of all complaints and the responses as required by Condition 7.6, above.

11.8 Rejected Waste Records

(1) The Owner shall establish and maintain a written or digital record of the Rejected

Waste handling activities at the Site as required by Condition 4.3, above. This record shall include, as a minimum, the following information:

(a) the reason for rejection; and

(b) the origin of the Rejected Waste, if known.

11.9 Records of Fugitive Dust Emissions Preventative and Control Measures

(1) The Owner shall establish and maintain a written or digital record of all records on the preventative and control measures, each time a specific preventative and control measure described in the Best Management Practices Plan is implemented for each source of fugitive dust emission identified in the Best Management Practices Plan. This record shall include as a minimum:

(a) the date when each emission control measure is installed, including a description of the control measure;
(b) the date when each new preventative measure or operating procedure to minimize emissions is implemented, including a description of the preventative measure or operating procedure; and
(c) the date, time of commencement, and time of completion of each periodic activity conducted to minimize emissions, including a description of the preventative measure/procedure and the name of the individual performing the periodic activity.

11.10 Annual Report

(1) By March 31st following the end of each operating year, the Owner shall prepare and submit to the District Manager, an Annual Report, in a format or formats acceptable to the District Manager, summarizing the operation of the Site covering the previous calendar year. This Annual Report shall include, as a minimum, the following information:

(a) (i) monthly amounts of the Contaminated Soil intended for Bioremediation in the Biopiles received at the Site;

(ii) monthly amounts of the Contaminated Soil

intended for Bioremediation in the Biocells received at the Site;
(iii) monthly amounts of the Contaminated Soil intended for transfer off-Site received at the Site; and
(iv) monthly amounts of the untreated Contaminated Soil remaining at the Site;

(b) monthly amounts of the Contaminated Soil and of the Processed Soil transferred from the Site and their final destination(s);

(c) a summary describing any Rejected Waste including quantity, type, reasons for rejection, its origin and its final destination;

(d) annual amount of the Residual Waste transferred from the Site for final disposal and its destination(s);

(e) number of Bioremediation Biocells and Biopiles and the status of processing at the end of the operating year;

(f) amount of unprocessed the Contaminated Soil temporarily stored at the Site at the end of the operating year;

(g) amount of the Contaminated Soil intended for transfer off-Site temporarily stored at the Site at the end of the operating year;

(h) any environmental and operational problems, that could negatively impact the environment, encountered during the operation of the Site or identified during the facility inspections and any mitigative actions taken;

(i) any changes to the Emergency Response and Contingency Plan, the Operations Manual or the Closure Plan that have been approved by the Director or the District Manager since the last Annual Report;

(j) any recommendations to minimize environmental impacts from the operation of the Site and to improve Site operations and monitoring programs in this regard;

(k) a summary of any complaints received and the responses made, as required by this Approval;

(l) a descriptive summary of any spills, incidents or other emergency situations which have occurred at this Site, any remedial measures taken, and the measures taken to prevent future occurrences;

(m) an annual summary of any deficiencies, items of non-compliance or process aberrations that occurred at this Site and any remedial/mitigative action taken to correct them;

(n) preventative and control measures, each time a specific preventative and control measure described in the Best Management Practices Plan is implemented for each source of fugitive dust emission identified in the Best Management Practices Plan;

(o) an up-to-date estimate of the Financial Assurance required for the Site; and

(p) the results and the interpretation of the results from the environmental monitoring carried out at the Site.

(2) The Owner shall keep a copy of the latest Annual Report at the Owner's office, at all times.

12.0 District Manager Notification

Rejected Waste Notification

(1) The District Manager shall be notified in writing of the receipt of the Rejected Waste within four (4) business days of its receipt. The following information shall be included in the notification to the District Manager:

(a) quantity and type of the Rejected Waste;

(b) source of the Rejected Waste, if known;

(c) reason for the rejection;

(d) final destination of the Rejected Waste; and

(e) date of receipt and time and date of removal from the Site.

13.0 SITE CLOSURE

(1) (a) The Owner shall submit, for approval by the Director, a written Closure Plan for the Site at least nine (9) months prior to closure of the Site. This Closure Plan shall include, as a minimum, a description of the work that will be done to facilitate closure of the Site and a schedule for completion of that work.

(b) Within ten (10) days after closure of the Site, the Owner shall notify the Director, in writing, that the Site is closed and that the Closure Plan has been implemented.

Schedule "A"

This Schedule “A” *forms part of this Environmental Compliance Approval:*

1. Section 2.2 of the document entitled "DEG Environmental Ltd., DESIGN & OPERATIONS MANUAL, Brighton, Ontario", dated May 2008 and providing the list of the Bioaugmantation Compounds proposed for the use at the Site.

2. Environmental Compliance Approval Application dated October 5, 2012, signed by Damian Rodgriguez, Ontario Soil Recycling-Brighton Inc., including the attached supporting documentation including the following:

(a) document entitled “Design and Operations Report”, dated March 2012, prepared by Ontario Soil Recycling-Brighton Inc.

(b) drawing entitled " Site Plan", dated March 8, 2012

(c) document entitled "Soil Remediation Best Management Practices Plan", dated December 2011, prepared by Ontario Soil Recycling-Brighton Inc.

3. E-mail dated July 11, 2014 (9:38 a.m.) from Damian Rodgriguez, Ontario Soil

Recycling-Brighton Inc., to Margaret Wojcik, Ontario Ministry of the Environment and Climate Change, providing additional supporting documentation on the proposal.

4. E-mail dated September 5, 2014 (7:59 p.m.) from Damian Rodgriguez, Ontario Soil Recycling-Brighton Inc., to Margaret Wojcik, Ontario Ministry of the Environment and Climate Change, providing additional supporting documentation on the proposal.
5. E-mail dated April 16, 2015 (11:24 a.m.) from Damian Rodgriguez, Ontario Soil Recycling-Brighton Inc., to Margaret Wojcik, Ontario Ministry of the Environment and Climate Change, providing additional information on bioremediation monitoring protocol.
6. Emission Summary and Dispersion Modelling Report dated December 2015, prepared by Lucas Neil of Airzone One Ltd.
7. Updated electronic air dispersion modelling files submitted via e-mail by Lucas Neil of Airzone One Ltd. on December 15, 2015.
8. E-mail dated September 29, 2014 (9:11 a.m.) from Lucas Neil, Airzone One Ltd. to Neryed Ragbar, Ontario Ministry of the Environment, providing additional information regarding the proposal, including the trigger criteria for bioremediation of contaminated soil in biopiles.
9. Secondary Noise Screening Report, dated February 2013, prepared by Airzone One Ltd.
10. E-mail dated January 20, 2016 (11:11 a.m.) from Dave Pearo, DLS Group, to Margaret Wojcik, Ontario Ministry of the Environment and Climate Change, providing the new technical contact and new signing authority for the application.
11. E-mail dated May 26, 2015 (10:59 a.m.) from Dave Pearo, DLS Group, to Margaret Wojcik, Ontario Ministry of the Environment and Climate Change, providing additional information on the bioaugmentation compounds proposed to be used at the site.
12. Document titled "Best Management Practices Plan Fugitive Dust Emissions & Odour Control, Revision 3", dated March 2017 and submitted by Chris McLeod of GFL Environmental Inc. on March 2, 2017.

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

GENERAL

Conditions 1.1, 1.4, 1.5, 1.6, 1.9 and 1.11 are included to clarify the legal rights and responsibilities of the Owner.

Conditions 1.2 and 1.3 are included to ensure that the Site is build and operated in accordance with the application and supporting documentation submitted by the Owner, and not in a manner which the Director has not been asked to consider.

Condition 1.7(1) is included to ensure that the Site is operated under the corporate name which appears on the application form submitted for this approval and to ensure that the Director is informed of any changes.

Condition 1.7(2) is included to restrict potential transfer or encumbrance of the Site without the approval of the Director and to ensure that any transfer of encumbrance can be made only on the basis that it will not endanger compliance with this Approval.

Condition 1.8 is included to ensure that the appropriate Ministry staff has ready access to the operations of the Site which are approved under this Approval. The Condition is supplementary to the powers of entry afforded a Provincial Officer pursuant to the *EPA,* the *OWRA,* the *PA,* the *NMA* and the *SDWA.*

Condition 1.10 is included to ensure that sufficient funds are available to the Ministry to clean up the Site in the event that the Owner is unable or unwilling to do so.

Condition 1.12 is included, pursuant to subsection 197(1) of the *EPA,* to provide that any persons having an interest in the Site are aware that the land has been approved and used for the purposes of waste disposal.

SERVICE AREA, APPROVED WASTE TYPES, RATES & STORAGE CAPACITY

Condition 2.0 is included to specify the approved Contaminated Soil receipt rate, the approved Contaminated Soil types and the service area from which the Contaminated Soil may be accepted at the Site based on the Owner's application and supporting documentation. Condition 2.0 is also included to specify the waste storage facility design to ensure that the storage of waste at the Site does not result in an adverse environmental effect or a hazard to the environment or any person and that the Financial Assurance can be estimated on the basis of the maximum approved waste storage amounts.

SIGNS and SITE SECURITY

Condition 3.0 is included to ensure that the Site's users, operators and the public are fully aware of important information and restrictions related to the operation of the Site. Condition 3.0 is also included to ensure that the Site is sufficiently secured, supervised and operated by properly Trained Personnel and to ensure controlled access and integrity of the Site by preventing unauthorized access when the Site is closed and no Site personnel is on duty.

SITE OPERATIONS

Condition 4.1 is included to specify the hours of operation for the Site to ensure that the hours of Site's operation do not result in an Adverse Effect or a hazard to the natural environment or any person.

Condition 4.2 is included to ensure that only the approved the Contaminated Soil types are accepted and handled/processed at the Site.

Conditions 4.3 through 4.10 are included to ensure that Contaminated Soil and any other waste or run-off handling and storage are undertaken in done in a way which does not result in an adverse environmental effect or a hazard to the environment or any person and in accordance with the application and supporting documentation submitted by the Owner, and not in a manner which the Director has not been asked to consider.

SITE INSPECTION AND MAINTENANCE

Condition 5.0 is included to require the Site to be inspected and Equipment maintained thoroughly and on a regular basis to ensure that the operations at the Site are undertaken in a manner which does not result in an adverse environmental effect or a hazard to the health and safety of the environment or any person.

PROCESSED SOIL QUALITY CRITERIA, TESTING & MONITORING

Condition 6.1 is included to identify the Quality Criteria that must be met before the Processed Soil is considered suitable for its intended future re-use or transfer from the Site in a manner that protects the health and safety of people and the environment.

Condition 6.2 is included to require monitoring of Bioremediation operating parameters to ensure a properly functioning Bioremediation operation as per the consensus in the industry and the Ministry's requirements.

Condition 6.3 is included to set the Contaminated Soil and the Processed Soil sampling and testing requirements to ensure that reliable data is obtained from the testing activities required in this Approval.

Conditions 6.4 and 6.5 are included to ensure that the Owner regularly tests the incoming Contaminated Soil to ensure that only the Contaminated Soil types that are approved in this Approval and appropriate for Bioremediation or transfer from the Site are accepted at the Site.

Condition 6.6 is included to ensure that the Owner regularly tests the Processed Soil to verify its compatibility with the proposed final re-use. Condition 6.6 is also included to require the Owner to use the Ministry-acceptable sampling and analytical procedures for the Processed Soil compliance testing.

Conditions 6.7(1) to (5) are included to specify the allowable re-uses of the Processed Soil considered by the Director.

Conditions 6.7(5) to (6) are included to set out the procedures for the Owner to follow should non-compliance with the Quality Criteria occur.

Condition 6.8 is included to ensure that transfer of the Contaminated Soil from the Site does not result in an adverse environmental effect or a hazard to the health and safety of the environment or any person.

Condition 6.9 is included to require appropriate monitoring to be carried out at the Site to ensure the continued protection of the groundwater at the Site.

HOUSEKEEPING and NUISANCE IMPACT CONTROL

Conditions 7.1 through 7.4 are included to ensure that the Site is operated and maintained in an environmentally acceptable manner which does not result in a negative impact on the natural environment or any person.

Condition 7.5 is included to require the Owner to appropriately respond to any environmental complaints resulting from the Contaminated Soil management operations at the Site.

OPERATIONS MANUAL & TRAINING

Condition 8.0 is included to ensure that personnel employed at the Site are fully aware and properly trained on the requirements and restrictions related to Site operations under this Approval.

EMERGENCY RESPONSE AND CONTINGENCY PLAN

Condition 9.0 is included to ensure that the Owner is prepared and properly equipped to take action in the event of an emergency situation.

EMERGENCY SITUATIONS RESPONSE AND REPORTING

Condition 10.0 is included to require further spill notification to the Ministry, in addition to the requirements already listed in Part X of the *EPA.*

RECORDS KEEPING

Condition 11.0 is included to ensure that detailed records of Site activities, inspections, monitoring and upsets are recorded and maintained for inspection and information purposes.

DISTRICT MANAGER NOTIFICATION

Condition 12.0 is included to ensure that the District Manager is notified of emergency-type operation of the Site.

CLOSURE

Condition 13.0 is included to ensure that final closure of the Site is completed in accordance with Ministry's standards.

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). 0236-5RWLB2 issued on October 21, 2003

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 receipt of this notice, require a hearing by the Tribunal. 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* and The Director appointed for the purposes of Part II.1

Ontario Land Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5
OLT.Registrar@ontario.ca

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 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.oltt.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 12th day of April, 2025

Mohsen Keyvani, P.Eng.
Director
appointed for the purposes of Part II.1 of the
Environmental Protection Act

SF/
c: District Manager, MECP Peterborough
Tennille Pegg, GFL Environmental Inc.