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 2297-A7TRMD
Issue Date: October 22, 2025

GFL Environmental Inc.
1070 Toy Ave
Pickering, Ontario
L1W 3P1

Site Location: 40 Britton Court
Clarington Municipality, Regional Municipality of Durham, Ontario

You have applied under section 20.2 of Part II.1 of the Environmental Protection Act , R.S.O. 1990, c. E. 19 (Environmental Protection Act) for approval of:

a 2.32 acres-Waste Disposal Site (Processing/Transfer) to be used for the following:

- receipt, consolidation and transfer of non-hazardous solid waste, including dry soil;
- receipt, consolidation and transfer of liquid industrial waste, limited to wastes with Waste Class Nos. 146, 150, 221, 222, 251-254, 263, and 270;
- receipt and processing, limited to de-watering and solidification, of non-hazardous liquid industrial waste limited to waste sludges and slurry with Waste Class Nos. 146, 150, 221, 222, 251, 252, 253, 254, 263, and 270; and
- receipt and processing limited to de-watering and solidification of liquid soil.

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

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

"**Air/Noise Approval**" means the environmental compliance approval and any Schedules attached to it, including the application and its supporting documentation for activities set out in section 9 of the EPA and to be carried out at the Site;

"Approval" means this entire Environmental Compliance Approval document, issued in accordance with the EPA, and includes any schedules to it, the application and the Supporting Documentation;

"**AST**" means the three (3) above grade storage tanks located inside the Building approved under this Approval and shown on the Site layout plans listed in the attached Schedule 1;

"**BMPP**" means the documents which describe measures to minimize dust and odour emissions from the Site as approved in the Air/Noise Approval;

"**Building**" means the building approved under this Approval for receipt and management of waste at the Site and shown on the Site layout plans listed in the attached Schedule 1;

"**Composite Sample**s" means samples that are made up of a number of laboratory grab samples from a single sample container that have been thoroughly mixed together;

"Contaminant(s)" means one or more contaminants found on, in or under a project area at a concentration that exceeds the applicable excess soil quality standards for the project area or one or more contaminants identified as potentially present on, in or under a project area in an assessment of past uses or one or more contaminants found in Excess Soil accepted at the Site or in the Liquid Industrial Waste accepted at the Site;

"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 V of the EPA;

"**Discrete Samples**" within the context of this Approval, mean individually separate grab samples collected for analysis when creation and analysis of a composite sample is not appropriate;

"District Manager" means the District Manager of the local district office of the Ministry in which the Site is geographically located;

"Dry Soil" is Excess Soil and as defined in O. Regulation 406/19 and within the context of this Approval also means a waste which contains Contaminant(s) and/or does not contain more than insignificant amounts of incidental debris or other non-hazardous waste handling of which is subject to the environmental compliance approval requirements under the EPA. Dry Soil is a solid non-hazardous waste that is received at the Site for temporary storage and transfer off-Site with no processing;

"EPA" means the *Environmental Protection Act*, R.S.O. 1990, C.E-19, as amended;

"**Excess Soil Criteria**" means the Excess Soil Standards set out in Part II of the Soil Rules and the site-specific criteria as set out in section D of Part I of the Soil Rules required for the Reuse Site;

"**Excess Soil Standards**" means the excess soil quality standards set out in Appendix

1 of the Soil Rules required for the Reuse Site;

"**Excess Soil**" is as defined in O. Regulation 406/19, and within the context of this Approval is the incoming Dry Soil and Liquid Soil accepted at the Site to be managed in accordance with this Approval and transferred from the Site in compliance with the requirements set out in O. Regulation 406/19. Excess Soil also means the incoming Dry Soil which does not contain more Rock than allowed for a particular Reuse Site;

"Final Disposal" within the context of this Approval means land disposal and thermal treatment, both as defined in Regulation 347, and does not include handling, storing, transferring, treating or processing of waste at a land disposal or a thermal treatment site;

"**Grab Samples**" within the context of this Approval, means independent sets of representative samples taken from different locations within the volume being sampled, using a systematic method of selecting random, unbiased locations and based on scientific and statistical principles applicable to sampling;

"**Inert Fill**" is as defined in Regulation 347;

"**L**" means litre;

"**Leachate Screening Levels**" means values that are listed in the tables of Leachate Screening Levels within Part II – Excess Soil Quality Standards, contained in Appendix 2 of the Soil Rules;

"**Liquid Industrial Waste**" is as defined in Regulation 347;

"**Liquid Soil**" is Excess Soil and as defined in O. Regulation 406/19 and within the context of this Approval also means a waste that contains Contaminants and which has a slump of more than 150 millimetres determined using the Slump Test and which does not contain more Rock than allowed in the Excess Soil and/or which does not contain more than insignificant amounts of debris or other non-hazardous waste a handling of which is subject to the environmental compliance approval requirements under the EPA. Liquid Soil does not include Waste Sludge/Slurry which are categorized as a Liquid Industrial Waste;

"**Liquid Waste**" means a waste that has a slump of more than 150 millimetres determined using the Slump Test;

"**m**" means metre;

"**m^3**" means cubic metre;

"**Ministry**" means the ministry of the government of Ontario responsible for the EPA and OWRA and includes all officials, employees, or other persons acting on its behalf;

"**NMA**" means the *Nutrient Management Act,* 2002, S.O. 2002, c. 4, as amended;

"O. Regulation 153/04" means Ontario Regulation 153/04: Records of Site Condition - Part XV.1 of the EPA, as amended;

"**O. Regulation 406/19**" means Ontario Regulation 406/19, entitled "On-Site and Excess Soil Management" made under the EPA, as amended;

"Owner" means any person that is responsible for the establishment and operation of the Site being approved by this Approval, and includes GFL Environmental Inc., its successors and assigns;

"OWRA" means the *Ontario Water Resources Act,* R.S.O. 1990, c. O.40, as amended;

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

"**Petroleum Hydrocarbon Fractions"** within the context of this Approval, mean organic Contaminants limited to petroleum hydrocarbon fractions: F1 (C6-C10), F2 (>C10-C16), F3 (>C16-C34), and F4 (>C34);

"**Phase I ESA**" means Phase I Environmental Site Assessment, as defined in O. Regulation 153/04, as amended;

"**Phase II ESA**" means Phase II Environmental Site Assessment, as defined in O. Regulation 153/04, as amended;

"**Potentially Contaminating Activity**" is any activity listed in Table 2 to Schedule D of O. Regulation 153/04;

"**Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act**" means the Ministry's document entitled *"Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act"* dated March 9, 2004, amended July 1, 2011, and as further amended at any time;

"**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;

"**Qualified Person**" means a person who meets the qualifications to be a qualified person for conducting a Phase I ESA and a Phase II ESA 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. Qualified Person also means a person as defined in O. Regulation 406/19;

"**Regulation 347**" means Regulation 347 - General - Waste Management, R.R.O. 1990, made under the EPA, as amended;

"**Rejected Waste**" means the incoming Waste that does not comply with the quality criteria required for acceptance at the Site;

"**Residual Waste**" means waste remaining after Waste processing at the Site and that is destined for Final Disposal or further processing at another approved waste disposal site;

"**Reuse Site**" is as defined in O. Regulation 406/19;

"**Rock**" is as defined in O. Regulation 406/19;

"SAR" means sodium adsorption ratio;

"**SDWA**" means the *Safe Drinking Water Act,* 2002, S.O. 2002, c. 32, as amended;

"**Similar"** within context of this Approval means the types of Waste tested to show that they are of comparable quality (for example: Table 1.1, 2.1 or 3.1 of the Excess Soil Standards, same Waste Class No. for Liquid Industrial Waste) required for transfer from the Site to the same final destination (for example deposition at the same Reuse Site or for further processing or Final Disposal at the same approved waste disposal site or a site approved/permitted to accept such waste by an appropriate regulatory agency of equivalent jurisdiction);

"Site" means the 2.32 acres Waste Disposal Site (Processing/Transfer) located at 40 Britton Court, Clarington Municipality, Regional Municipality of Durham;

"Slump Test" means the Test Method for the Determination of "Liquid Waste" (Slump Test) set out in Schedule 9 to Regulation 347;

"Soil Rules" is as defined O. Regulation 406/19;

"Soil" as defined in O. Regulation 406/19;

"**Source Site**" means the source of the incoming Excess Soil;

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

"**SVOCs**" means semi-volatile organic compounds;

"**Table 1**" means Table 1 of the Excess Soil Standards;

"**Table 2.1**" means Table 2.1 of the Excess Soil Standards;

"**Table 3.1**" means Table 3.1 of the Excess Soil Standards;

"**TCLP**" means the Toxicity Characteristic Leaching Procedure which is defined in Regulation 347 as the Toxicity Characteristic Leaching Procedure, Method 1311, that appears in United States Environmental Protection Agency Publication SW-846 entitled "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", as amended from time to time, or a test method that the Director has approved in writing as equivalent;

"**Trained Person**" means an employee trained in accordance with the requirements of Condition 11.2 and is knowledgeable through instruction and/or practice and able to carry out any necessary duties;

"**VOCs**" means volatile organic compounds. VOC means any organic compound having at 20 degrees Celsius (°C) a vapour pressure of 0.01 kilopascal or more or having a corresponding volatility under the particular conditions of use, which is released into the atmosphere;

"**Waste**" means incoming waste and waste stored at the Site and waste in-process at the Site:

"waste" within the context of this Approval, it means any material defined as a waste or designated to be a waste under any provincial Act or regulation or any other discarded, unwanted, unsuitable for its original use or purpose (for example off-specification or expired) post-consumer goods, items, materials and including Excess Soil and Rock received and managed at the Site and transferred from the Site. Outputs from management of waste at a waste disposal site continue to be considered waste, unless undesignated through a provincial regulation;

"**Waste Class**" means the waste classes defined in the Ministry's document entitled "Ontario Waste Classes", dated February 2013, as amended; and

"**Waste Sludges/Slurry**" means non-hazardous Liquid Industrial Waste and non-hazardous Liquid Waste, including clean-out waste from catch basins or other storage facilities.

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 established, used, operated, maintained and monitored in accordance with the supporting documentation listed in the attached Schedule 1.

1.3 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 1, 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 1, 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.

1.4 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.

1.5 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.

1.6 Change of Owner

(1) The Owner shall notify the Director in writing, and forward a copy of the notification to the Area Supervisor, 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.

1.7 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;
e. to conduct interviews with staff, contractors, agents and assignees of the Owner; and
f. 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.

1.8 Information

(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**.**

(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 1, are retained at the Site at all times.

1.9 Financial Assurance

(1) The Owner shall maintain a Financial Assurance in the amount of $287,998. This Financial Assurance shall be in a form acceptable to the Director and shall provide sufficient funds for the analysis, transportation, Site clean-up, monitoring and disposal of all quantities of waste on the Site at any one time.

(2) Commencing on March 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 1.9(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, and also include the documentation supporting cost

quotes estimation used in Financial Assurance calculation from three different companies . The Financial Assurance must be submitted to the Director within twenty (20) 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.

2.0 SIGNS and SITE SECURITY

2.1 Sign

(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 Site and the Owner;
b. this Approval number;
c. the operating hours of the Site;
d. the telephone number for the Ministry's Spills Action Centre;
e. a twenty-four (24) hour telephone number that can be used to reach the Owner in the event of a complaint or an emergency; and
f. waste types that are approved to be accepted at the Site.

(2) The Owner shall install and maintain appropriate and visible signs at the Site to direct vehicles to the waste receiving and shipping/removal areas.

(3) The Owner shall install and maintain appropriate and visible signs at the Site to all waste drop-off areas clearly identifying the acceptable approved Waste types and other appropriate instructions.

2.2 Security

(1) 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.

(2) 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 Site personnel and the environment.

3.0 SERVICE AREA, APPROVED WASTE TYPES and RATES

3.1 Service Area

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

3.2 Approved Waste Types

(1) The Site is approved to receive the following solid waste types:

a. Excess Soil limited to non-hazardous Dry Soil for consolidation and transfer for re-use or further processing off-Site; and
b. Non-Hazardous solid waste for Final Disposal.

(2) The Site is approved to receive the following liquid waste types:

a. Liquid Industrial Waste with Waste Class Nos. 146, 150, 221-222, 251-254, 263, and 270 for consolidation and transfer from the Site;
b. Liquid Industrial Waste limited to non-hazardous Waste Sludge/Slurry with the following Waste Class Nos. 146, 150, 221, 222, 251, 252, 253, 254, 263, 270 and intended for processing through de-watering and/or solidification at the Site and subsequent Final Disposal; and
c. Excess Soil limited to non-hazardous Liquid Soil intended for processing through de-watering and/or solidification at the Site and subsequent Final Disposal.

3.3 Prohibited Waste Types

(1) The Site is not approved to receive any hazardous waste as defined under Regulation 347.

3.4 Receipt Rates

Receipt Rates

(1) The maximum amount of the Liquid Waste received and processed at the Site shall not exceed 500 m^3 per day.

(2) The maximum amount of non-hazardous solid Waste received and processed daily from the Site shall not exceed 500 tonnes per day.

(3) The maximum annual Waste receipt rate shall not exceed 182,000 tonnes.

4.0 SITE OPERATIONS

4.1 Operating hours

(1) Shipping, receiving and Site operating hours are approved to be 24 hours per day, 7 days per week, unless otherwise limited by municipal by-laws.

4.2 Approved Activities

Solid Non-Hazardous Waste

(1) The following activities for management of the solid non-hazardous Waste are approved under this Approval:

a. weighing the incoming Waste truck loads and recording the results;
b. inspection of the incoming Waste documentation, as required, and confirmation of compliance with the Approval requirements;
c. receipt and visual inspection of the incoming Waste prior to or upon unloading, if possible;
d. temporary storage of the Waste;
e. sampling and testing of the Waste, as required;
f. if the Waste is of the same type and is destined for the same destination, consolidating the Waste into an outgoing load; and
g. weighing all outgoing Waste truck loads and recording the results and transfer from the Site.

Liquid Industrial Waste, including Waste Sludge/Slurry

(2) The following processing activities for management of the approved Liquid Industrial Waste, including Waste Sludge/Slurry, are approved under this Approval:

a. weighing the incoming Waste loads and recording the results;
b. confirmation of the generator registration of the incoming Waste on the Hazardous Waste Program Registry;
c. inspection of any other required documentation and confirmation of compliance with the Approval;

d. receipt and visual inspection of the Waste prior to or upon unloading, if possible;
e. temporary storage of the Waste;
f. sampling and testing, as required in this Approval;
g. management of the Liquid Industrial Waste as follows:
    i. transfer of the received Liquid Industrial Waste;
    ii. mixing, bulking or blending of Similar Liquid Industrial Wastes into an outgoing load for transfer; or
    iii. processing of the Liquid Industrial Waste limited to Waste Sludge/Slurry into a solid through de-watering and/or solidification with solidification materials (sawdust, polymers, peat moss and other similar non-hazardous absorbents) and mixing, bulking or blending of Similar Waste Sludge/Slurry Solids into an outgoing load for transfer; and
h. weighing all outgoing truck loads and recording the results and transfer from the Site.

Excess Soil limited to Dry Soil

(3) The following activities for management of the Dry Soil are approved under this Approval:

a. weighing all incoming Dry Soil truck loads and recording the results;
b. inspection of the incoming Dry Soil documentation and confirmation of compliance with the Approval requirements;
c. receipt and visual inspection prior to or upon unloading, if possible;
d. temporary storage of the Dry Soil;
e. sampling and testing, as required in this Approval;
f. manual removal of the Residual Waste from the Dry Soil, as required;
g. if the Dry Soils are of the same type and are destined for the same destination, mixing, bulking or blending of Similar Dry Soils into an outgoing load for transfer; and
h. weighing all outgoing truck loads and recording the results and transfer from the Site.

Excess Soil limited to Liquid Soil

(4) The following activities for management of the Liquid Soil are approved under this Approval:

a. weighing all incoming Liquid Soil truck loads and recording the results;
b. inspection of the incoming Liquid Soil documentation and confirmation of the Approval requirements;
c. receipt and visual inspection prior to or upon unloading, if possible;
d. temporary storage of the Liquid Soil;
e. manual removal of the Residual Waste from the Liquid Soil, as required;
f. mixing, bulking or blending of Similar Liquid Soils prior to processing, if required;
g. processing of the Liquid Soil or mixed Similar Liquid Soils into a solid through de-watering and/or solidification with solidification materials (sawdust, polymers, peat moss and other similar non-hazardous absorbents);
h. sampling and testing, as required in this Approval;
i. temporary storage of the Liquid Soil Solids;
j. mixing, bulking or blending of the Similar Liquid Soil Solids into an outgoing load; and
k. weighing all outgoing truck loads and recording the results and transfer from the Site.

Residual Waste

(5) The following Residual Waste management activities are approved in this Approval:

a. temporary storage as proposed in the Supporting Documentation;
b. sampling and testing of the liquid Residual Waste, as required in this Approval; and
c. transfer from the Site.

Rejected Waste

(6) The following Rejected Waste management activities are approved in this Approval:

a. temporary storage separate from all other waste, materials and reagents. as required in this Approval;
b. sampling and testing, as required in this Approval; and
c. transfer from the Site.

4.3 Receipt of Waste

(1) The Owner shall only accept Waste that has been transported to the Site by haulers

approved by the Ministry, or registered on the EASR, as required.

(2) At the scale house, prior to accepting the incoming Waste at the Site, the Trained Personnel shall review the documentation required for the incoming Waste.

(3) For Liquid Industrial Waste, at the scale house, the Trained Personnel shall confirm the generator registration of the incoming Waste on the Hazardous Waste Program Registry.

(4) The Owner shall only accept the incoming Liquid Industrial Waste that has been confirmed to be registered on the Hazardous Waste Program Registry.

(5) For Excess Soil, the Trained Personnel shall confirm the documentation set out in Conditions 4.4 and 4.6.

(6) For Excess Soil, if the required documentation is incomplete or is not available, the Owner may accept the incoming Excess Soil at the Site subject to compliance with the on-Site testing requirements set out in Condition 7.0.

(7) When Excess Soil without the required documentation is being accepted at the Site, the Trained Personnel shall direct the truck to the designated uncharacterized Excess Soil unloading area.

(8) The Trained Personnel shall visually inspect the incoming Waste at the scale, if possible, and again as it is being unloaded.

(9) Excluding Excess Soil, any incoming Waste that exhibits characteristics suggesting that it is not an approved waste type shall be deemed a Rejected Waste and disposed of in accordance with this Approval, the EPA and Regulation 347.

(10) Any Excess Soil that exhibits characteristics suggesting that it is not an approved waste type shall be isolated from other Excess Soil, other waste, materials and reagents and shall be sampled and re-tested in accordance with this Approval.

(11) All Waste unloading shall be undertaken in the designated receiving area(s).

(12) The haulers delivering Waste Sludge/Slurry or Liquid Soil destined for processing at the Site shall unload the trucks directly into one of the two (2) de-watering cells.

(13) The Owner shall comply with the requirements for management of the uncharacterized Waste set out in this Approval.

4.4 Incoming Waste Documentation

For Each Source Site/Generator

(1) The Source Site/generator documentation and the Waste characterization documentation shall be for the Waste from each Source Site/generator.

Required Excess Soil Source Site/Generator Documentation

(2) Prior to accepting any Excess Soil at the Site, the Owner shall acquire from the Source Site owner/generator the documentation that contains following information on the Source Site/generator, as applicable:

a. the generator's name and/or company name, address and contact information;
b. the Source Site/generator location;
c. current Source Site/generator activities and land use, including identifying any certain or likely Potentially Contaminating Activity;
d. past Source Site/generator activities and land use, including identifying any certain or likely Potentially Contaminating Activity;
e. for emergency response locations, the list of the spilled materials and/or clean-up materials; and
f. estimated quantity of the Excess Soil to be received at the Site.

Instructions from Qualified Person

(3) When accepting characterized Excess Soil, the Owner shall only accept Excess Soil that has been characterized in accordance with instructions from and under the supervision of a Qualified Person.

Documentation by Qualified Person

(4) When accepting characterized Excess Soil, the Owner shall ensure that all Excess Soil characterization documentation has been prepared by a Qualified Person.

Liquid Industrial Waste

(5) When accepting Liquid Industrial Waste, the Owner shall ensure that the generator of the incoming Waste has completed the generator registration of the incoming Waste on the Hazardous Waste Program Registry and that the following information as it relates to the description of the incoming Waste has been included:

a. Waste type;
b. Waste Class;

c. Primary characterization identified by a single letter that indicates the type of waste based on the chemical characteristic or source of the Waste; and
d. Waste Description;

(6) When accepting Liquid Industrial Waste, the Owner shall ensure that all Waste characterization information has been prepared by a competent professional experienced in the field of waste management and characterization.

Solid Non-Hazardous Waste

(7) When accepting solid non-hazardous Waste for Final Disposal, the Owner shall ensure that the incoming Waste documentation is as proposed in the Supporting Documentation.

4.5 Characterization Requirements

Sampling and Testing Protocols and Methods

(1) The following shall be followed when determining the acceptable sampling and testing protocols and methods:

a. sampling and testing protocols and methods, including the number of samples taken and their locations, the sampling methods used and handling of the samples, including references to any Ministry-published protocols or methods used; and
b. description of any deviations from the Ministry-published protocols and methods and whether or not the proposed protocols and methods used were as recommended by the Qualified Person or the accredited laboratory service provider or another qualified professional.

Solid or Liquid Waste Determination

(2) If Waste has a high moisture content, to determine if the Waste is a solid or a liquid, the Slump shall be determined using the Slump Test.

Hazardous Waste Definition Triggers

(3) To confirm that the Waste does not trigger any criteria from the hazardous waste definition from Regulation 347, the following shall be determined:

a. procedures used to determine the Contaminants and the parameters that require physical and chemical analysis, including TCLP, to confirm that the Waste does not trigger any criteria from the hazardous waste definition from Regulation 347; and

b. technical justification for the selection of the Contaminants/parameters, including analysis of the Source Site/generator information from Condition 4.4(2).

Bulk Concentrations of Contaminants

(4) When bulk concentrations of the Contaminants are required, the following bulk concentrations shall be tested for:

a. Petroleum Hydrocarbon Fractions;
b. petroleum hydrocarbon VOCs limited to Benzene, Toluene, Ethyl Benzene and Xylene;
c. heavy metals and hydride-forming metals (antimony, arsenic, barium, beryllium, boron, cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, selenium, silver, thallium, uranium, vanadium and zinc);
d. other applicable potential Contaminant(s) listed in Excess Soil Standards in Part II of the Soil Rules, including any other VOCs and SVOCs or inorganics, as determined from the information contained in the general documentation required in Condition 4.4(2); and
e. Electrical Conductivity (EC) and Sodium Adsorption Ratio (SAR).

(5) When bulk concentrations of the Contaminants are required, the following shall be determined:

a. procedures used to determine the Contaminants that require chemical analysis; and
b. technical justification for selection of the Contaminants, including analysis of the Source Site/generator information from Condition 4.4(2).

Leachate Screening Levels

(6) To demonstrate compliance with the Leachate Screening Levels, the following shall be used:

a. the Ministry's Synthetic Precipitation Leaching Procedure (E9003 or mSPLP) or another method approved by the Director. The subsequent analysis of the leachate must be completed in accordance with the requirements of section 47 of O. Regulation 153/04 (Analytical procedures), including the requirements in relation to the handling and storage of the samples, the requirement that the analyses of the samples be carried out by an accredited laboratory service provider and the requirements to comply with the "Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act".

Laboratory Service Provider Credentials

(7) All applicable analytical results shall be from a laboratory service provider accredited by a Canadian Association for Laboratory Accreditation or equivalent.

Discrete Samples

(8) Discrete Samples shall be taken when analysing for:

a. Petroleum Hydrocarbon Fractions;
b. VOCs including Benzene, Toluene, Ethyl Benzene and Xylene;
c. SVOCs, which include the SVOCs with the Henry’s Law constant greater than 1x10-5 atmosphere m^3/mol and/or vapour pressure greater than 0.05 mm Hg and which, for example, are Acenaphthene, Acenaphthylene, Anthracene, Benz(a)anthracene, Fluorene, Methlynapththalene (2-(1-)), Naphthalene, and Phenanthrenre; and
d. polycyclic aromatic hydrocarbons/acid/base/neutral compounds.

Composite Samples

(9) Composite Samples shall be taken when analysing for:

a. metals, including barium, beryllium, boron, cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, silver, thallium, uranium, vanadium, zinc, antimony, arsenic and selenium;
b. SVOCs with the Henry’s Law constant less than 1x10-5 atmosphere m^3/mol and/or vapour pressure less than 0.05 mm Hg.

(10) The Owner shall ensure that the Composite Samples collection for metals is equivalent to the Discrete Samples collection, in terms of verifying compliance with the Excess Soil Standards.

4.6 Waste Characterization Documentation

Characterized Dry Soil

(1) Prior to accepting any Dry Soil at the Site, the Owner shall acquire from the Source Site owner/generator the Dry Soil characterization documentation.

(2) As a minimum, the Dry Soil characterization documentation shall include the following:

a. the results of any Phase I ESA and Phase II ESA undertaken for the Source Site in accordance with the Ministry's requirements under O. Regulation 153/04; or
b. the following sampling and analytical information/results:
    i. sampling methods and protocols for the required characterization as set out in Condition 4.5(1);
    ii. the results from the Slump Test as set out in Condition 4.5(2);
    iii. analytical results confirming that the Dry Soil does not trigger any criteria from the hazardous waste definition from Regulation 347 as set out in Condition 4.5(3);
    iv. bulk concentrations of Contaminants as set out in Conditions 4.5(4) and 4.5(5); and
    v. if the Dry Soil is destined for a Reuse Site, leachate analysis for Contaminant concentrations to verify compliance with the applicable Leachate Screening Levels as set out in Condition 4.5(6).

(3) When accepting characterized Dry Soil under Condition 4.6(1), the Owner shall only accept Soil has been sampled in accordance with subsections 2.(3)15. (In Situ Sampling) or 2.(3)16. (Stockpile Sampling) of Section B of Part I of the Soil Rules.

(4) When accepting characterized Dry Soil under Condition 4.6(1), the Owner shall only accept Soil has been sampled in accordance with subsection 2.(4) (Requirements for Handling, Storage and Analysis of Samples) of Section B of Part I of the Soil Rules.

Characterized Liquid Soil

(5) For the Liquid Waste that meets the requirements of a Liquid Soil, the Owner shall acquire documentation from the Source Site owner/generator showing the results of its characterization.

(6) As a minimum, the characterization documentation shall include the following information:

a. sampling methods and protocols for the required characterization as set out in Condition 4.5(1);
b. analytical results confirming that the Liquid Soil does not trigger any criteria from the hazardous waste definition from Regulation 347 as

set out in Condition 4.5(3); and

c. bulk concentrations of Contaminants as set out in Conditions 4.5(4) and 4.4(5).

Characterized Liquid Industrial Waste, including Waste Sludge/Slurry

(7) For the incoming Liquid Industrial Waste, the Owner shall acquire from the generator the incoming Waste characterization information as required for the Generator Registration Report to be prepared for submission to the Hazardous Waste Program Registry.

Documentation to Show that Waste is Approved for Receipt

(8) Despite any documentation submission and testing requirements set out in Conditions 4.6(1) through 4.6(7), the Owner shall acquire any applicable documentation to prove that the incoming Waste is the waste type approved for receipt at the Site.

4.7 Incoming Waste with Incomplete Characterization Documentation or without Characterization Documentation

Dry Soil with Incomplete Documentation or without Documentation

(1) Despite requirements of Condition 4.6(1), provided that the Dry Soil is expected to be a solid non-hazardous waste, the Dry Soil may be received at the Site with incomplete characterization documentation or without the required characterization documentation, if one of the following requirements is complied with:

a. the incoming Dry Soil shall be segregated from all other Dry Soils, wastes, reagents and materials, until the complete documentation is promptly provided by the Source Site owner/generator, received by the Owner and deemed acceptable by the Trained Personnel; or
b. the incoming Dry Soil shall be segregated from all other Dry Soils, wastes, reagents and materials, until the Dry Soil is characterized at the Site in accordance with this Approval.

Liquid Soil with Incomplete Documentation or without Documentation

(2) Despite requirements of Condition 4.6(5) and provided that the incoming Liquid Waste is expected to be a Liquid Soil, the Liquid Soil may be received at the Site with

incomplete characterization documentation or without the required characterization documentation, if one of the following requirements is complied with:

a. the incoming Liquid Soil shall be segregated from all other wastes and materials, until the complete documentation is promptly provided by the Source Site owner/generator, received by the Owner and deemed acceptable by Trained Personnel;
b. the incoming Liquid Soil shall be segregated from all other wastes, reagents and materials, until the Liquid Soil is characterized at the Site in accordance with this Approval; or
c. the Liquid Soil may be received at the Site with incomplete characterization documentation or without the required characterization documentation and may be bulked, mixed, blended and processed together in a de-watering cell, subject to the post-processing testing requirements in this Approval, if the incoming Liquid Soil is,
    i. from residential or IC&I Source Sites that do not have a history of spills or below grade leaks and have not been or are not being used for any Potentially Contaminating Activity; or
    ii. from residential daylighting utilities and infrastructure installation or repair projects activities.

Waste from Emergency Response Activity

(3) Provided that the Waste is generated from an emergency response activity, including a spill clean-up, any Waste received at the Site shall remain segregated from all other soils, wastes, reagents and materials, until the Waste is characterized at the Site in accordance with this Approval.

Liquid Industrial Waste with Incomplete Documentation or without Documentation

(4) Liquid Industrial Waste shall not be received at the Site without complete required characterization documentation.

4.8 Unacceptable/Rejected Waste

(1) Incoming waste shall be deemed to be a Rejected Waste if,

a. waste not approved under this Approval is inadvertently accepted at the Site; or
b. any characterization of the incoming Waste at the Site finds it to be unacceptable for receipt at the Site.

(2) All Rejected Waste shall be stored indoors and be segregated from all other wastes, reagents and materials.

(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 Waste deemed as the Rejected Waste, as applicable, or as acceptable to the District Manager.

(4) 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 14.9, below, and notify the District Manager in accordance with the requirements set out in Condition 15.0, below.

(5) Notwithstanding provisions of Conditions 4.8(1) through 4.8(4) above, the Owner shall ensure that all Rejected Waste at the Site is managed and disposed of in accordance with the EPA and Regulation 347.

(6) As proposed in the Supporting Documentation, the Owner shall,

a. notify the generator, that the incoming waste is deemed to be the Rejected Waste;
b. in the event that the Rejected Waste is determined to be unacceptable after the transport vehicle has left, the Rejected Waste shall be stored at the Site in accordance with the requirements of this Approval until the disposal arrangements are made.

4.9 Residual Waste Management and Disposal

(1) The Owner shall ensure that all Residual Waste generated at the Site are managed and disposed of in accordance with the EPA and Regulation 347.

Solid Residual Waste Storage

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

a. is stored in a designated area of the Site; and
b. is segregated from all other waste, reagents and materials.

(3) The maximum storage duration of the solid Residual Waste destined for Final Disposal off-Site shall not exceed sixty (60) days from the time of its generation or as acceptable to the District Manager.

Liquid Residual Waste

(4) Liquid Residual Waste generated at the Site includes liquids from the de-watering cells, the spill containment systems, the washwater from cleaning of the de-watering cells, the hydrovacs, tankers and vacuum trucks, the waste handling equipment and

the truck wheels wash water.

(5) Liquid Residual Waste generated at the Site shall be collected and pumped into the three (3) ASTs.

(6) Liquid Residual Waste generated at the Site shall be stored in three (3)-32,500 L, each, ASTs located inside the Building.

(7) Provided that the liquid Residual Waste meets the criteria for being Similar with the Liquid Industrial Waste approved for storage in the three (3) ASTs, the liquid Residual Waste and the approved Liquid Industrial Waste may be blended, bulked and mixed in the ASTs.

(8) The Owner shall ensure that a large easily identifiable label of 32,500 L and any other applicable warning labels have been placed on the side of each AST.

(9) The ASTs are approved to vent into the Building.

(10) Liquid Waste from the ASTs shall be shipped from the Site to an approved waste disposal site for further processing or Final Disposal.

4.10 Spill Containment

(1) The Owner shall ensure that all waste and materials storage containers, tanks and containment areas are designed, constructed, operated and maintained in accordance with the Ministry’s document entitled "Guidelines for Environmental Protection Measures at Chemical and Waste Storage Facilities", dated May 2007 and as amended from time to time.

(2) The maximum Waste storage area secondary containment volume shall be as follows:

a. containment volume of the secondary spill containment system for outdoor Waste storage area shall be 103.5 m^3; and
b. total containment system volume inside the Building shall be 396 m^3.

(3) The Owner shall visually inspect the outdoor containment area daily and in the event of a rainfall, the containment area shall be pumped to a vacuum truck to ensure no contaminant enters the stormwater management system at the Site or is discharged off-Site.

(4) To ensure that all Liquid Waste and liquid Residual Waste are contained within the confines of the Building, as proposed in the Supporting Documentation, the Owner shall

construct and maintain,

a. a berm throughout all production areas inside the Building;
b. a containment pit area of 200 m^3; and
c. a spill containment area for the vertical storage tanks, with a minimum holding capacity of 35.75 m^3.

(5) The Owner shall ensure that a drip tray is placed under cam-lock connection when the liquids are being unloaded from the ASTs into the tanker trucks.

4.11 Waste Storage

Storage Amounts

(1) The amounts of Waste stored at the Site at any one time shall not exceed the following:

a. 2,000 tonnes of Waste inside the Building, including non-hazardous solid Waste for Final Disposal, the Waste in the de-watering cells and the three (3) ASTs;
b. 600 tonnes of Waste, including non-hazardous solid and Liquid Waste, including Dry and Liquid Soils, stored outdoors in leak-proof trucks or roll-off bins;
c. 127 m^3 of the approved Waste Sludge/Slurry and the Liquid Soil;
d. 97.5 m^3 of Liquid Industrial Waste and/or liquid Residual Waste, limited to Waste Classes Nos. 146, 150, 221-222, 251-254, 263, and 270, in the three (3) ASTs;
e. 150 tonnes of Waste Sludge/Slurry and solidification materials (sawdust, polymers, peat moss and other similar non-hazardous absorbents) or Waste Sludge/Slurry Solids in the two (2) de-watering cells; and
f. 2,473 tonnes of all solid Waste, including the Dry Soil.

(2) The maximum amount of Liquid Waste, limited to Waste Sludge/Slurry and/or Liquid Soil, and the approved solidification materials (sawdust, polymers, peat moss and other similar non-hazardous absorbents) or non-hazardous solids resulting from the solidification in two (2) de-watering cells shall not exceed the following:

a. 50 tonnes in first de-watering cell; and
b. 100 tonnes in second de-watering cell.

Waste Storage

(3) The leak-proof trucks or roll off bins with covers to be stored outdoors shall be

located in the spill containment area at all times when in storage.

(4) The Owner shall ensure the solid Waste is stored at the Site as follows:

a. incoming Dry Soil shall be stored on the tipping floor;
b. Dry Soil shall be stored in stockpiles in the designated areas or in containers;
c. solids from processing of the Liquid Waste shall be stored in designated areas; and
d. all solid Waste will be stockpiled based on its characteristics.

(5) Incoming Liquid Waste shall not be stored on the tipping floor.

(6) Incoming Liquid Waste shall be unloaded into a de-watering cell upon arrival at the Site.

(7) In the event that waste cannot be removed from the Site and the total storage capacity as approved in Condition 4.11(1) is reached, the Owner:

a. must cease accepting additional waste to ensure the total approved storage capacity does not exceed the maximum amount approved by this Approval;
b. submit to the District Manager, a schedule for removing the stored waste, within five (5) days of reaching the storage capacity; and
c. remove stored waste in accordance with the schedule required in Condition 4.11(7)b.

(8) The Owner shall designate a sufficiently sized area for receipt and temporary storage of the uncharacterized Waste destined for testing at the Site.

4.12 Processing of Liquid Waste

(1) Processing of Liquid Waste shall be carried out in two (2) de-watering cells as described in the Supporting Documentation and is limited to de-watering and solidification with solidification materials (sawdust, polymers, peat moss and other similar non-hazardous absorbents).

(2) The de-watering cells shall have a sufficiently sloped floor to facilitate processing of Liquid Waste and collection of the liquid Residual Waste.

4.13 Bulking, Mixing or Blending of Excess Soil

Bulking, Mixing or Blending of Similar Soils

(1) The Owner shall not bulk, mix or blend Excess Soils unless characterization confirms compliance with Similar Soils requirements.

Mixing, Bulking or Blending of Dry Soils for Reuse

(2) When the Dry Soil is destined for a Reuse Site, the Owner may blend, bulk or mix Dry Soils at the Site, provided that,

a. the Source Site/generator site documentation from Condition 4.4(2) has been provided to the Owner;
b. the Dry Soil was accepted at the Site with the characterization documentation required in Condition 4.6 or has been sampled and tested at the Site in accordance with this Approval; and
c. the documentation or the on-Site testing shows that the Dry Soils from different Source Sites/generators and intended for blending, bulking or mixing are Similar and comply with the applicable Excess Soil Quality Criteria for the same proposed Reuse Site.

(3) Despite provisions of Condition 4.13(2), when bulking, mixing or blending Soil loads containing Contaminant(s) concentrations that exceed Table 2.1 Excess Soil Standards, the Owner may only bulk, mix or blend Soil in compliance with the following:

a. the Owner may only bulk, mix or blend Soil loads that are characterized to have the Contaminant(s) concentrations within the same table of the Excess Soil Standards and in the same following Contaminant group(s):
b. Group 1: Petroleum Hydrocarbon Fractions;
c. Group 2: Organic Volatile Organic Compounds (VOCs), Semi-Volatile Organic Compounds (SVOCs), Polycyclic Aromatic Hydrocarbons (PAHs), etc.;
d. Group 3: metals and hydride-forming metals (antimony, arsenic, barium, beryllium, boron, cadmium, chromium, cobalt, copper, lead, molybdenum, nickel, selenium, silver, thallium, uranium, vanadium and zinc); and
e. Group 4: Electrical Conductivity (EC) and Sodium Adsorption Ratio (SAR).

(4) Notwithstanding provisions of Conditions 4.13(2) and 4.13(3), the Dry Soils, destined for deposition at a Reuse Site may only be blended, bulked or mixed if this activity is done in accordance with O. Regulation 406/19 and the Soil Rules.

Mixing, Bulking or Blending of Dry Soils for Further Treatment off-Site

(5) If the Dry Soils that have been confirmed to meet the same applicable treatment process requirements as set out in the environmental compliance approval for the

processing waste disposal site, the Soils may be blended, bulked or mixed together for transfer off-Site.

(6) When the Dry Soil is destined for further biodegradation treatment off-Site, the following rules apply to blending, bulking or mixing of Similar Soils:

a. Soils may be only bulked, mixed or blended together if they contain biodegradable Contaminants in concentrations that can be treated in accordance with the process parameters approved in the environmental compliance approval(s) for the processing waste disposal site.

(7) When the Dry Soil is destined for a waste disposal site for other further treatment off-Site, the Owner shall ensure that all Soil loads containing Contaminant(s) concentrations exceeding Table 2.1 Excess Soil Standards, have Contaminant concentrations that can be accepted at the waste disposal site as approved in its environmental compliance approval and as required by the waste disposal site owner.

Dry Soil Destined for Final Disposal at a Waste Disposal Site or a Site in Equivalent Jurisdiction

(8) When Dry Soil is destined for a waste disposal site for Final Disposal, the Owner shall ensure that all Dry Soil to be bulked, mixed or blended complies with the quality criteria required by the environmental compliance approval for that waste disposal site and as required by the waste disposal site owner.

(9) When Dry Soil is destined for a site approved/permitted by an appropriate regulatory agency of equivalent jurisdiction, all Dry Soil to be bulked, mixed or blended shall comply with the applicable quality criteria and restrictions required by the said regulatory agency.

Prohibition to Reduce or Dilute Concentrations of Contaminant(s)

(10) The Owner shall not bulk, mix or blend loads of Excess Soils from different Source Sites or bulk, mix or blend Excess Soil with Excess Soils of different quality, other wastes or materials if the purpose of bulking, mixing or blending is to reduce or dilute concentrations of Contaminant(s) present in the Excess Soil.

No Blending, Bulking or Mixing of Uncharacterized Dry Soil

(11) The Owner shall not blend, bulk or mix uncharacterized Dry Soil at the Site until the Dry Soil has been characterized at the Site in accordance with this Approval to show or confirm that the Soils from different Source Sites/generators and intended for blending, bulking or mixing are Similar and in compliance with the Excess Soil Criteria

for the same proposed Reuse Site or other final destination.

Prohibition of Blending, Bulking or Mixing of Dry Soils with Waste Subject to Approval Requirements

(12) At no time, shall any Dry Soils, intended for deposition at a Reuse Site, be blended, bulked or mixed with any waste that is subject to approval requirements under section 20.2 of Part II.1 of the EPA.

4.14 Prohibitions

(1) Burning of waste is prohibited at the Site.

(2) Scavenging of waste is prohibited at the Site.

(3) No outdoor storage of any wastes or materials is permitted at any time, except as approved in this Approval.

4.15 Cross-Contamination Prevention

(1) The Waste handling equipment shall be cleaned as required to prevent cross-contamination between untested and tested Waste and different waste types.

(2) Solid Waste storage areas and the de-watering cells shall be cleaned, as required, to prevent cross-contamination between batches when the required quality criteria of final destinations differ.

4.16 Stormwater Management

(1) Management of the stormwater, including the stormwater from the outdoor spill containment area, shall be managed as proposed in the Supporting Documentation.

(2) No atmospheric precipitation that has come in contact with any waste shall be discharged from the Site to the natural environment unless approved under an environmental compliance approval.

5.0 EQUIPMENT MAINTENANCE and SITE INSPECTIONS

5.1 Inspections

(1) 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 but not limited to the following:

a. waste or materials loading/unloading/storage/handling areas;
b. condition of all major pieces of the Site's equipment;
c. condition of all instruments for monitoring required under this Approval;
d. security fence and property line;
e. presence of excessive fugitive dust emissions from the operation of the Site;
f. presence of the on and off-Site litter; and
g. presence of off-Site odours.

(2) 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 at any time.

(3) The inspections required in Condition 5.1(1) shall be undertaken daily by Trained Personnel in accordance with the inspection program to ensure that all Site's 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 at any time.

(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 Owner shall ensure that the Site's equipment is properly operated and maintained at all times.

(2) The Owner 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.

(3) The Owner shall implement the recommendations of the document referred to in Condition 5.3(2), above.

(4) 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.

(5) 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 at any time.

6.0 MONITORING

6.1 Liquid Waste ASTs

(1) The Owner shall,

a. equip the ASTs with a liquid level monitoring device;
b. monitor and control the liquid levels in the ASTs on a continuous basis to ensure that the design storage capacity available within the ASTs is not exceeded; and
c. ensure that the high-level alarms are operational at all times.

(2) A provision for an auditory alarm at the Site and a remote alarm to the dedicated Trained Personnel, when the high level setpoint in the ASTs is reached, shall be provided.

(3) Should the high level setpoint in any AST be reached, an auditory alarm at the Site and a remote alarm to the dedicated Trained Personnel shall be triggered.

7.0 CHARACTERIZATION at the SITE

7.1 Quality Assurance/Quality Control

(1) Upon receipt of this Approval, the Owner shall implement a Quality Assurance/Quality Control (QA/QC) Program for sampling and testing of Waste to demonstrate that the incoming Waste is the type approved for receipt at the Site and the outgoing waste is compliant with the requirements of the receiving site(s).

(2) The Owner shall make the results of the QA/QC program, including all analyses carried out by an accredited laboratory service provider, available for inspection upon request by the District Manager, the Director and any Provincial Officer.

(3) The QA/QC Program from Condition 7.1(1) shall be as proposed in the Supporting Documentation, unless otherwise required in this Approval.

7.2 Characterization of the Incoming Dry Soil

(1) Unless the incoming Dry Soil has been already adequately characterized at the Source Site/generator site or the Source Site/generator site has been characterized as required by this Approval, the Owner shall sample and characterize the incoming Dry Soil at the Site.

(2) The Dry Soil shall be sampled and characterized the Dry Soil prior any blending, bulking and mixing or transfer off-Site to an allowed destination.

(3) If sampling the incoming Dry Soil, the Owner shall sample the Soil,

a. within twenty-four (24) hours from its receipt, or on the next business day, whichever comes first; or
b. when receiving Dry Soil from the same Source Site/generator over several days, within twenty-four (24) hours from last load receipt, or on the next business day, whichever comes first.

(4) Any deviations from the deadline for sampling of the incoming Dry Soil, from Condition 7.2(3) shall be first agreed to, in writing, by the District Manager.

(5) For sampling and testing of the incoming Dry Soil, the Owner shall use the sampling procedures, methods, equipment and techniques, and the analytical methods and requirements set out in Condition 4.5, as applicable.

(6) Notwithstanding provisions of Conditions 7.2(3) through 7.2(5), the Owner shall sample and characterize the Dry Soil in accordance with the requirements of O. Regulation 406/19 and the Soil Rules.

7.3 Testing of the Dry Soil Destined for a Reuse Site

(1) Prior to its shipment from the Site to a Reuse Site, the Owner shall ensure that the Dry Soil is characterized in accordance with this Approval.

(2) If the incoming Dry Soil has been accepted at the Site in accordance with Condition 4.7(1), the Owner shall carry out Soil sampling set out in the Soil Rules and this Approval and as instructed by the Reuse Site owner.

(3) When required to sample a stockpile, the Owner shall take representative samples when each stockpile from each Source Site/generator.

(4) When required to sample the total amount of the Dry Soil destined for a particular Reuse Site, the Owner shall determine the number of samples for the total amount from

the requirements in the Soil Rules.

(5) The Owner shall sample the Dry Soil within twenty-four (24) hours from completion of the Stockpile construction or when the total amount of the Dry Soil has been accumulated, or on the next business day, whichever comes first.

(6) No additional Dry Soil shall be added to the Stockpile or the total amount of the Dry Soil, after sampling has been completed.

(7) For sampling and testing of the Dry Soil, the Owner shall use the sampling procedures, methods, equipment and techniques, and the analytical methods and requirements set out in Condition 4.5, as applicable and in accordance with the O. Regulation 406/19 and the Soil Rules.

(8) If there is a conflict between the requirements of in Condition 7.3(7) of this Approval and the Soil Rules, the Soil Rules shall take precedence.

7.4 Testing of the Dry Soil Destined for a Waste Disposal Site or a Site Approved/Permitted by an Appropriate Regulatory Agency of Equivalent Jurisdiction

(1) Prior to its shipment from the Site to a waste disposal site, the Owner shall characterize the Dry Soil to demonstrate that the Solids are suitable for acceptance at the receiving waste disposal site, as required by the waste disposal site environmental compliance approval and as instructed by the owner of the waste disposal site.

(2) Prior to its shipment from the Site to a site approved/permitted by an appropriate regulatory agency of equivalent jurisdiction, the Owner shall characterize the Dry Soil to demonstrate that the Soil is suitable for receipt at the site, in compliance with the approval/permit for the site and as required by the site owner.

(3) If there are no characterization provisions in the waste disposal site environmental compliance approval from Condition 7.4(1) or instructions from the owner of the waste disposal site, the Owner shall characterize the Dry Soil as set out in Condition 7.3.

7.5 Re-Testing of Characterized Dry Soil at the Site

(1) If the incoming Dry Soil has been accepted at the Site in accordance with Conditions 4.4 and 4.6, but the on-Site inspection of the incoming Waste identified possible non-compliance with the incoming Waste quality criteria requirements, unless otherwise required by this Approval, the Owner shall re-sample and re-test the Dry Soil as proposed in the Supporting Documentation.

7.6 Characterization of Solid Waste other than Dry Soil

(1) Unless otherwise required by this Approval, the Owner shall characterize the incoming or outgoing Solid Waste as set out in the Supporting Documentation.

(2) Despite provisions of Condition 7.6(1), before a transfer of any Solid Waste, including solid Residual Waste, to a waste disposal site, the Owner shall ensure that this Solid Waste is suitable for acceptance at the receiving waste disposal site, as required by the waste disposal site environmental compliance approval and/or as required/instructed by the site owner.

(3) Despite provisions of Condition 7.6(1), before a transfer of any Solid Waste, including solid Residual Waste, to a site approved/permitted by an appropriate regulatory agency of equivalent jurisdiction, the Owner shall ensure that the this Solid Waste is suitable for acceptance at that site and in compliance with the applicable quality criteria and restrictions required by the said regulatory agency.

7.7 Characterization of Incoming Liquid Soil Destined for Processing at the Site

(1) Unless otherwise required by this Approval, the Owner shall characterize the Liquid Soil as set out in the Supporting Documentation.

(2) Despite provisions of Condition 7.7(1), before any acceptance of Liquid Soil at the Site, the Owner shall ensure that the Liquid Soil is suitable for processing as approved under this Approval and the solids resulting from the processing are suitable for the subsequent transfer from the Site to an approved waste disposal site or a site approved/permitted by an appropriate regulatory agency of equivalent jurisdiction.

7.8 Characterization of Solids from Processing of the Waste Sludge/Slurry and Liquid Soil

(1) Unless otherwise required by this Approval, the Owner shall characterize the Waste as set out in the Supporting Documentation listed in the attached Schedule 1.

(2) Despite provisions of Condition 7.8(1), before any transfer of the processed Waste Sludge/Slurry to a waste disposal site or a site in another jurisdiction, the Owner shall ensure that the Waste is suitable for acceptance at the receiving waste disposal site, as required by the waste disposal site environmental compliance approval and/or as instructed by the owner of the waste disposal site or in compliance with the applicable quality criteria and restrictions required by the local jurisdiction.

7.9 Characterization of Liquid Residual Waste

(1) Unless otherwise required by this Approval, the Owner shall characterize the liquid Residual Waste as set out in the Supporting Documentation.

(2) As set out in the Supporting Documentation, the Owner shall sample and test the liquid Residual Waste for the following parameters:

a. Chlorides
b. pH
c. PCB's
d. Ammonia
e. Cyanide
f. Phenol
g. Nitrates
h. Solids
i. Metals (Ag, As, B, Ba, Cd, Cr, Hg, Pb, Se, U)

(3) Despite Conditions 7.9(1) and 7.9(2), the Owner shall ensure that the liquid Residual Waste is suitable for acceptance at the receiving waste disposal site, as required by the waste disposal site environmental compliance approval and/or as required/instructed by the owner of the waste disposal site.

8.0 QUALITY CRITERIA, DISPOSAL and RE-USE REQUIREMENTS

8.1 Excess Soil Quality Criteria

(1) Despite any provision in this Approval, the Owner shall ensure that before any transfer to a Reuse Site, the Excess Soil complies with the applicable Excess Soil Criteria for the Reuse Site and the transfer is in accordance with requirements set out in O. Regulation 406/19.

(2) The Excess Soil may leave the Site to a Reuse Site only if it is tested in accordance with the requirements set out in O. Regulation 406/19 and the Soil Rules to show compliance with the Excess Soil Criteria.

(3) Furthermore, the Owner shall ensure that the Excess Soil destined for a waste disposal site or any other site approved to accept such waste by an appropriate government agency of equivalent jurisdiction, complies with the criteria set out in the environmental compliance approval issued by the Ministry for the waste disposal site or the other site approved/licensed to accept such waste by an appropriate government agency of equivalent jurisdiction.

8.2 Disposal of Non-Reusable Soil-Like Waste

(1) Except for the Excess Soil intended for deposition at a Reuse Site, the Owner shall ensure that,

a. all Rock that does not meet the definition of an Inert Fill;
b. all Excess Soil that contains Rock which does not meet the definition of an Inert Fill or contains Rock in amount greater than allowed in Excess Soil;
c. all Excess Soil that contains more than an insignificant amount of incidental construction and/or demolition waste or other non-hazardous waste debris; and
d. all Excess Soil that contains foundry sands, slag, emission control dusts or treatment residues;

are only transferred to:

i. a waste disposal site approved to accept that type of waste to be further processed, used or disposed of in accordance with the environmental compliance approval for that site; or
ii. a location not required to obtain an environmental compliance approval but having an appropriate jurisdictional approval or a license, if required.

8.3 Solid Waste

(1) As proposed in the Supporting Documentation, solids from processing of the Liquid Soil and Liquid Industrial Waste and solid non-hazardous Waste shall only be transferred to a waste disposal site approved to accept that type of waste to be further processed, used or Finally Disposed of, in accordance with the environmental compliance approval issued by the Ministry for that site or a location having an appropriate jurisdictional approval or a license, as required.

9.0 HOUSEKEEPING and NUISANCE / ADVERSE EFFECT IMPACT CONTROL

(1) The Site shall be operated and maintained such that dust, mud track-out, litter, odour, and noise do not create a nuisance or an Adverse Effect off-Site.

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

(3) To minimize the risk of Excess Soil spilling during transport or causing fugitive dust

emissions, the Owner shall,

a. inspect all incoming Excess Soil trucks for use of appropriate covers and freeboard levels;
b. inform all vehicle drivers using the Site of the vehicle covering and freeboard level requirements required to minimize the risk of Excess Soil spilling during transport; and
c. ensure that all Excess Soil vehicles departing from the Site are equipped with appropriate means of minimizing dust emissions from the Excess Soil transport and, as a minimum, that the vehicles are covered with a properly functional tarp and filled to have an appropriate freeboard to minimize the risk of Excess Soil spilling during transport.

(4) The Owner shall implement effective mud track-out measures to prevent mud track-out onto the municipal roads leading to the Site.

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

(6) Should the Owner become aware that a vehicle delivering waste 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. Upon written notification from the District Manager, the Owner shall also notify with local municipality, as required.

(7) The Owner shall implement effective road wetting and/or cleaning procedures for the roads to and from the Site to minimize the impacts from the fugitive dust from the truck traffic related to the Site.

(8) The Owner shall implement necessary housekeeping procedures to eliminate potential sources of odours.

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

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

10.0 COMPLAINTS MANAGEMENT

(1) The Owner shall post on a sign in a prominent location at the Site entrance a 24-hour telephone number to contact a designated representative to receive public

complaints regarding emissions resulting from the operations at the Site.

(2) The Owner shall respond to complaints according to the following procedure:

a. record and number each complaint, either electronically or in a log book, and shall include the following information;

    i. the nature of the complaint;
    ii. the name and the telephone number of the complainant (if provided); and
    iii. the time and date of the complaint.

(3) The Owner shall immediately initiate an investigation of the complaint. The investigation shall include, as a minimum, the following:

a. a determination of the activities being undertaken in the Site at the time of the complaint;
b. meteorological conditions including, but not limited to the ambient temperature, approximate wind speed and its direction;
c. an assessment of all the possible cause(s) of the complaint;
d. remedial action(s) to address the cause(s) of the complaint;
e. implementation of remedial action(s) to eliminate the cause(s) of the complaint.

(4) The Owner shall document the response provided to the complainant, if known, and shall make the document(s) available for inspection by staff of the Ministry upon request. The response shall include,

a. the results of the investigation of the complaint;
b. the action(s) taken or planned to be taken to address the cause(s) of the complaint; and
c. follow-up response(s).

(5) The Owner shall, within two (2) business days of the complaint, submit a report to the District Manager. This report shall include:

a. this Approval number;
b. a description of the nature of the complaint;
c. the time and date of the incident to which the complaint relates;
d. the wind direction at the time of the incident to which the complaint relates; and

e. a description of the remedial measures taken to address the cause of the incident to which the complaint relates and to prevent a similar occurrence in the future.

11.0 OPERATIONS MANUAL and PERSONNEL TRAINING

11.1 Operations Manual

(1) The Owner shall maintain an Operations Manual for the Site. As a minimum, the Operations Manual must contain the following:

a. outline of the responsibilities of the Site personnel;
b. personnel training protocols;
c. Site operating procedures including but not limited to,
    i. waste receiving, unloading/loading, screening, handling and storage and the de-watering/solidification procedures; and
    ii. waste mixing, bulking and blending procedures;
d. sampling, testing, monitoring and recording procedures as required by this Approval;
e. required data recording procedures;
f. emergency response procedures 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;
g. the contingency plans for the Site;
h. equipment and Site inspection procedures, as required by this Approval;
i. nuisance impact control and housekeeping procedures, as required by this Approval; and
j. the procedures for handling and recording complaints as described in this Approval.

(2) A copy of the Operations Manual shall be kept at the Site, must be accessible to Site personnel at all times and must be updated, as required.

(3) A copy of the Operations Manual shall be available to the Ministry staff upon request at any time.

11.2 Personnel Training

(1) All operators of the Site shall be trained with respect to the following as per the

specific job requirements of each individual operator:

a. relevant air, noise, wastewater and waste management legislation, regulations and guidelines;
b. major environmental concerns pertaining to the wastes to be handled at the Site;
c. occupational health and safety concerns pertaining to the processes and wastes to be handled at the Site;
d. management procedures including the use and operation of equipment for the processes and wastes to be handled at the Site;
e. dust and odour management procedures in accordance with the BMPP for the Site;
f. odour management procedures;
g. records keeping procedures;
h. contingency plan and emergency response procedures;
i. specific written procedures for the control of adverse effects from the Site;
j. specific written procedures for refusal of unacceptable incoming Waste loads;
k. the requirements of this Approval; and
l. the other training topics listed in the Supporting Documentation.

(2) The training of the operators of the Site shall also include the procedures contained in the Operations Manual.

(3) The training of the operators of the Site shall be undertaken:

a. upon commencing employment at the Site in a particular position; and
b. whenever procedures are updated or during the planned refresher training.

12.0 CONTINGENCY MEASURES and EMERGENCY SITUATION RESPONSE PLAN

12.1 Emergency Response and Contingency Plan

(1) The Owner shall maintain an 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 service authority 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 service authority, 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 if the incoming Waste does not meet the quality criteria set out in this Approval;
e. procedures and actions to be taken if the outgoing Dry Soil or the processed Liquid Soil or the processed Waste Sludge/Slurry do not meet the quality criteria set out in this Approval;
f. procedures and actions to be taken if the outgoing Waste, including liquid Residual Waste, does not meet the required quality criteria;
g. procedures and actions to be taken should the waste management activities 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 waste handling activities at the Site.

(2) An up-to-date version of the Emergency Response and Contingency Plan shall be kept at the Site, in a central location known and available to all Site personnel. A copy shall be made available to Ministry staff upon request at any time and to the local municipality and the local fire service authority, 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 local fire service authority, if requested.

13.0 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.

14.0 RECORDS KEEPING and RETENTION

(1) The Owner shall retain all records required by this Approval for a minimum of five (5) years.

(2) All records generated as required by this Approval shall include a date of record and the name and signature of the person completing the report.

(3) All measurements shall be recorded in consistent metric units of measurement.

14.1 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:

a. date of receipt and the name of the incoming Waste generator, Source Site/generator location, land/use of the Source Site/generator, the type of Waste, including the solid and Liquid Waste approved for receipt at the Site, and the quantity (tonnage and number of trucks) of the Waste received and the results of the required characterization;
b. date of receipt and the name of the incoming Waste generator, Source

Site/generator location, land/use of the Source Site/generator, the type and the quantity (tonnage and number of trucks) of the Waste received without the required characterization documentation and tested at the Site;

c. date of receipt and the type of the solidification materials (sawdust, polymers, peat moss and other similar non-hazardous absorbents) received at the Site;

d. date, quantity, type, quality (including the analytical data from any compliance testing at the Site) and the destination of the Dry Soil destined for transfer to a Reuse Site, a waste disposal site or a any other site approved/licensed to accept such waste by an appropriate government agency of equivalent jurisdiction;

e. date, quantity, type, quality (including the analytical data from any compliance testing at the Site) and the destination of the solids generated from processing of the Waste Sludge/Slurry or Liquid Soil, destined for transfer to a waste disposal site or a any other site approved/licensed to accept such waste by an appropriate government agency of equivalent jurisdiction;

f. date, quantity, type, quality (including the analytical data from any compliance testing at the Site) and the destination of the Waste, including solid non-hazardous waste, solids generated from processing of the Waste Sludge/Slurry and the liquid Residual Waste, destined for transfer to a waste disposal site or a any other site approved/licensed to accept such waste by an appropriate government agency of equivalent jurisdiction;

g. details of the Liquid Waste processing activities undertaken at the Site, including the type of solidification material (sawdust, polymers, peat moss and other similar non-hazardous absorbents) used in the solidification process;

h. details of waste bulking, mixing or blending activities undertaken at the Site;

i. running totals of the Waste amounts to confirm the storage restrictions set out in Condition 4.11(1);

j. 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; and

k. housekeeping activities, including dust and odour mitigation measures.

14.2 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.

14.3 Inspections and Maintenance

(1) The Owner shall maintain a written or digital record of inspections and maintenance as required under this Approval. 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.

14.4 Personnel Training

(1) The Owner shall maintain a written or digital record of training as required as required under this Approval. 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.

14.5 Sampling and 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 under this Approval. This record shall include, as a minimum, the following information:

a. Waste type sampled, number of samples, 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 service provider conducting the testing, if applicable; and
g. conclusions drawn with respect to the results of the testing.

14.6 Monitoring Records

(1) The Owner shall establish and maintain a written or digital record of all monitoring activities at the Site as required under this Approval.

14.7 Complaints Response Records

(1) The Owner shall establish and maintain a written or digital record of all complaints and the responses as required under this Approval.

14.8 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 under this Approval. This record shall include, as a minimum, the following information:

a. the reason for rejection; and

a. the origin of the Rejected Waste, if known.

14.9 Annual Report

(1) By March 31st following the end of each operating year, the Owner shall prepare and retain at the Site, an Annual Report, in an electronic format, summarizing the operation of the Site covering the previous calendar year. This Annual Report shall include, as a minimum, the following information:

a. annual amount and quality of the Waste, by type and its Waste Class No. if applicable, received at the Site;
b. annual amount, its quality and its Waste Class No. if applicable, of the received Waste destined for transfer off-Site;
c. annual amount, its quality and its Waste Class No. if applicable, of the received Liquid Waste destined for processing at the Site;
d. annual amount, its quality and its Waste Class No. if applicable, of the Waste transferred from the Site and its final destination(s);
e. amount of uncharacterized Dry Soil received at the Site;
f. amount of Excess Soil from spill clean-ups received at the Site;

g. amount of Excess Soil re-tested at the Site;
h. a summary describing any Rejected Waste including quantity, type, reasons for rejection, its origin and its final destination(s);
i. annual amount of the Residual Waste, its quality and its Waste Class No. if applicable, transferred from the Site for final disposal and its destination(s);
j. amount of unprocessed the Liquid Waste temporarily stored at the Site at the end of the operating year;
k. amount of the Dry Soil intended for transfer off-Site temporarily stored at the Site at the end of the operating year;
l. amount of solids from processing of the Liquid Soil or the Waste Sludge/Slurry at the end of the operating year;
m. summary of the mud track-out prevention measures used at the Site and the activities carried out;
n. summary of the municipal roads cleaning activities carried out;
o. summary of the Site's dust and odour control measures used at the Site;
p. any environmental and operational problems, that could negatively impact the environment, encountered during the operation of the Site or identified during the Site inspections and any mitigative actions taken;
q. 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;
r. any recommendations to minimize environmental impacts from the operation of the Site and to improve Site operations and monitoring programs in this regard;
s. a summary of any complaints received and the responses made, as required by this Approval;
t. a summary of the monitoring results and analyses required by this Approval;
u. 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;
v. 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; and
w. an up-to-date estimate of the Financial Assurance required for the Site.

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

(3) The Annual Report shall be available to the Ministry staff upon request at any time.

15.0 DISTRICT OFFICE NOTIFICATION

15.1 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.

16.0 SITE CLOSURE

(1) 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.

(2) 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.

This Schedule 1 forms part of this Environmental Compliance Approval

1. Application for an Environmental Compliance Approval dated March 12, 2015, signed by Brian Ritchie, President of Detox Environmental Ltd. including all supporting documentation attached with this application.

2. Document entitled "Fire Safety Plan for Detox Environmental Ltd." dated November 25, 2015 submitted to MOECC by Detox Environmental Solutions Inc.

3. Letter dated December 18, 2015 submitted to Navneet Brar, Project Engineer Waste - Intern, MOECC from Craig Ritchie, Compliance Manager, Detox Environmental Solutions Inc. regarding Stromwater Management Report.

4. Document entitled "Application for an Environmental Compliance Approval (WDS)" dated October 26, 2015 submitted to Navneet Brar, Project Engineer Waste - Intern, MOECC from Detox Environmental Solutions Inc.

5. Document entitled "Application for an Environmental Compliance Approval (WDS)" dated March 4, 2016 submitted to Navneet Brar, Project Engineer Waste - Intern, MOECC from Craig Ritchie, Compliance Manager, Detox Environmental Solutions Inc.

6. Letter dated September 15, 2016 submitted to Ms. K. Lendvay Environmental Officer, MOECC from Randy Duffy, Detox Environmental Solutions Inc. regarding the removal of Item 19 in the document in Schedule 1 Condition 5.

7. Email dated November 1, 2023 (3:14 p.m.) from Kathy Coupland, GFL Environmental Inc., to Margaret Wojcik, Ontario Ministry of the Environment, Conservation and Parks, with confirmation of the number and capacity of the de-watering cells being used at the Site.

8. Email dated March 1, 2024, (9:51 a.m.) from Rich Lagani, GFL Environmental Inc., including attachments entitled:

   a. "Design and Operation Report, Bowmanville (40 Britton Court) Facility.pdf"
   b. "Figure 1 Overall Site Plan.pdf"
   c. "Figure 2 Facility Layout.pdf"
   d. "Figure 3 Elevation Drawings.pdf"
   e. "Figure 4 Zoning Map.pdf"
   f. "Figure 5 Satellite Image.pdf"
   g. "Figure 6 Process Flow Diagram.pdf"

9. Email dated October 3, 2024, (4:06 p.m.) from Shawn Emmett, GFL Environmental Inc., including an attachment entitled "QAQC Program Britton Court.pdf"

10. Email dated September 18, 2025, (4:52 p.m.) from Shawn Emmett, GFL Environmental Inc., to Margaret Wojcik, Ontario Ministry of the Environment, Conservation and Parks, including an attachment entitled "QAQC Britton Court_Amended.pdf"

11. Email dated October 1, 2025, (3:52 p.m.) from Shawn Emmett, GFL Environmental Inc., to Margaret Wojcik, Ontario Ministry of the Environment, Conservation and Parks, including attachments entitled:

   a. "Figure 2 Facility Layout_QAQC.pdf"
   b. "QAQC Britton Court_Amended Oct 1 2025.pdf"

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

GENERAL

Conditions 1.1, 1.3, 1.4, 1.5 and 1.8 are included to clarify the legal rights and responsibilities of the Owner.

Condition 1.2 is 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 1.6(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 1.6(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 1.7 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 1.9 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.

SIGNS and SITE SECURITY

Condition 2.0 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 2.0 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.

SERVICE AREA, APPROVED WASTE TYPES and RATES

Condition 3.0 is included to specify the approved Waste receipt rate, the approved and prohibited Waste types and the service area from which the Waste may be accepted at the Site based on the Owner's application and supporting documentation.

SITE OPERATIONS

Condition 4.1(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.

Conditions 4.2 and 4.8 through 4.16 are included to ensure that waste storage and management, run-off management and the discharges of emissions to the atmosphere are undertaken in done in a way which does not result in an Adverse Effect or a hazard to the environment or any person and are 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.

Conditions 4.3 through 4.7 are included to ensure that only the approved Waste types are accepted and handled/processed at the Site.

Condition 4.11(1) is also included to identify the amounts of waste approved to be present at the Site at any one time for the purpose of calculating the Financial Assurance requirements for the Site.

EQUIPMENT and SITE INSPECTIONS and MAINTENANCE

Condition 5.0 is included to require the equipment used for waste management and pollution control to be inspected and 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 Effect or a hazard to the health and safety of the environment or any person.

MONITORING

Condition 6.1 is included to set out the monitoring requirements to monitor Liquid Waste levels in the ASTs as proposed in the Supporting Documentation.

CHARACTERIZATION at the SITE

Condition 7.0 is included to ensure that the Owner regularly tests the Waste received at the Site or shipped from the the Site to verify its compatibility with the proposed Final Disposal, further processing or re-use destinations.

QUALITY CRITERIA, DISPOSAL and RE-USE REQUIREMENTS

Condition 8.0 is included to identify applicable regulatory compliance criteria for the Waste to be shipped from the Site.

HOUSEKEEPING and NUISANCE / ADVERSE EFFECT IMPACT CONTROL

Condition 9.0 is 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.

COMPLAINTS MANAGEMENT

Condition 10.0 is included to require the Owner to respond to any environmental complaints resulting from the operations at the Site appropriately and in a timely manner and that appropriate actions are taken to prevent any further incidents that may cause complaints in the future.

OPERATIONS MANUAL and PERSONNEL TRAINING

Condition 11.0 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.

CONTINGENCY MEASURES and EMERGENCY SITUATION RESPONSE PLAN

Condition 12.0 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 13.0 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 and RETENTION

Condition 14.0 is included to ensure that detailed records of Site activities, inspections, monitoring and upsets are recorded and maintained for inspection and information purposes.

DISTRICT OFFICE NOTIFICATION

Condition 15.1 is included to ensure that the District Manager is notified of the unacceptable waste type received at the Site.

CLOSURE

Condition 16.0 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). 2297-A7TRMD issued on November 10, 2023, as amended.

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* Ontario Land Tribunal 655 Bay Street, Suite 1500 Toronto, Ontario M5G 1E5 OLT.Registrar@ontario.ca	and	The Director appointed for the purposes of Part II.1 of the *Environmental Protection Act* Ministry of the Environment, Conservation and Parks 135 St. Clair Avenue West, 1st Floor Toronto, Ontario M4V 1P5

* **Further information on the 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 22nd day of October, 2025

Sherif Hegazy, P.Eng.
Director

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

MW/
c: District Manager, MECP York-Durham
Shawn Emmett | Environmental Affairs Advisor, GFL Environmental Inc.