

ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER A-500-4138820423

Version: 1.0

Issue Date: October 16, 2023

Pursuant to section 20.3 of the Environmental Protection Act, Revised Statutes of Ontario (R.S.O.) 1990, c. E. 19 and subject to all other applicable Acts or regulations this Environmental Compliance Approval is issued to:

2607572 ONTARIO INC.

91 WESTMORE DRIVE
TORONTO ONTARIO
M9V 3Y6

For the following site:

91 WESTMORE Drive , ETOBICOKE, TORONTO, ONTARIO, CANADA, M9V 3Y6

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 0.8 hectare Waste Disposal Site (Processing)

to be used for the processing of solid non-hazardous waste, limited to high-density polyethylene from industrial, commercial and institutional sources, encompassing the following:

- one (1) outdoor waste compactor with one (1) 40 yard bin for the storage of residual solid non-hazardous waste;
- Within the building:
 - one (1) shredder for the shredding of clean plastic waste, with a minimum capacity of 2,500 lb/hour, discharging grinded plastic for storage into lined gaylords via a conveyor;
 - one (1) small grinder for the grinding of clean plastic waste, with a minimum capacity of 2,000 lb/day, discharging grinded plastic for storage into lined gaylords;
 - a Plastic Grinding and Wash Line, consisting of:
 - three (3) conveyer belts feeding three (3) grinders in parallel, each with a minimum capacity of 30,000 lb/day, discharging grinded plastic to the marion mixer via augers;
 - one (1) 500 L marion mixer, discharging grinded plastic slurry to the shaker table via a gravity pipe;
 - one (1) shaker table, discharging:
 - the solid rinsed grinded plastic to the float sink via a gravity pipe; and
 - the rinsate to the settling tank via a gravity pipe;
 - one (1) 200 L settling tank, discharging:
 - the separated solid fines into containers for storage; and
 - the rinsate back to the marion mixer via a pump and associated piping;
 - one (1) 1,300 L float sink, equipped with propellers, discharging grinded plastic slurry to the

- centrifugal dryers via a gravity pipe;
- two (2) centrifugal dryers in parallel, each with a minimum capacity of 35,000 lb/day, discharging:
 - the rinsate back to the inlet of the float sink via a pump and associated piping;
 - the grinded plastic slurry to the wash tank via a gravity pipe;
- one (1) 500 L wash tank, discharging the rinsed plastic slurry to the centrifugal dryers via a pump and associated piping;
- three (3) centrifugal dryers in series connected via a gravity pipe, each with a minimum capacity of 5,000 lb/hour, equipped with a pump on the first dryer that returns the rinsate to the the wash tank and the outlets of the two (2) parallel centrifugal dryers to generate a grinded plastic slurry, discharging the dried and rinsed grinded plastic to a hopper for storage in lined gaylords;
- two (2) floor drains below the Plastic Grinding and Wash Line, which receive process overflows via a 2% sloped floor towards the floor drains, discharging to two (2) holding tanks via a gravity pipe;
- two (2) holding tanks, one having a volume of 948 L and the other 1,157 L, located within a large concrete pit for secondary containment and equipped with a pump for discharging into IBC totes;
- a maximum of thirteen (13) IBC totes (or equivalent), each with a maximum volume of 1,000L, for the storage of waste wash water from the Plastic Grinding and Wash Line, located in the designated storage area equipped with a minimum of 1,844 L of secondary containment;
- up to eight (8) containers for the storage of the residual subject waste decanted from the bottom of the incoming empty containers, located on spill pallets for secondary containment, as follows:
 - one (1) IBC tote (or equivalent) with a maximum volume of 1,000 L for storing Ontario Waste Class 122C and/or 122L (compatible with organics);
 - one (1) IBC tote (or equivalent) with a maximum volume of 1,000 L for storing Ontario Waste Class 122C and/or 122L (incompatible with organics);
 - one (1) IBC tote (or equivalent) with a maximum volume of 1,000 L for storing ignitable or leachate toxic Ontario Waste Classes 212, 213, 222, 233, 262 and/or 263;
 - one (1) IBC tote (or equivalent) with a maximum volume of 1,000 L for storing Ontario Waste Class 242L and/or 242C;
 - one (1) IBC tote (or equivalent) with a maximum volume of 1,000 L for storing Ontario Waste Class 114C and/or 114L; and
 - four (4) 20 L pails (or equivalent) for storing Ontario Waste Classes 135I or 148I.

Note: Use of the site for any other type of waste is not approved under this environmental compliance approval, and requires obtaining a separate approval amending this environmental compliance approval.

DEFINITIONS

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

1. "Adverse Effect" has the same meaning as defined in the EPA;
2. "Approval" means this entire Environmental Compliance Approval and any Schedules attached to it;
3. "Design and Operations Report" means the document entitled "Design and Operations Report" dated September 18, 2023 (Item 3 of Schedule 1);

4. "Director" means a person appointed by the Minister pursuant to section 5 of the EPA for the purposes of Part II.1 of the EPA;
5. "District Manager" means the District Manager of the appropriate local district office of the Ministry, where the Site is geographically located;
6. "Emergency Response, Spill Prevention and Contingency Plan" means the report, prepared by the Owner, as described by Condition 18.4 of this Approval.
7. "EPA" means the Environmental Protection Act, R.S.O. 1990, c.E.19;
8. "Financial Assurance" means the financial assurance as defined in Section 131 of the EPA;
9. "Minister" means the Minister of the Ministry or such other member of the Executive Council as may be assigned the administration of the EPA and OWRA under the Executive Council Act, R.S.O. 1990, c. E.25;
10. "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;
11. "NMA" means the Nutrient Management Act, 2002, S.O. 2002, c. 4;
12. "Operator" means any person, other than the Owner's employees, authorized by the Owner as having the charge, management or control of any aspect of the Site and includes its successors or assigns;
13. "Owner" means any person that is responsible for the establishment or operation of the Site being approved by this Approval, and includes Owner's Legal Name and its successors and assigns;
14. "OWRA" means the Ontario Water Resources Act, R.S.O. 1990, c. O.40;
15. "PA" means the Pesticides Act, R.S.O. (1990), c. P.11;
16. "Professional Engineer" means a Professional Engineer as defined within the Professional Engineers Act, R.S.O. 1990, c. P.28;
17. "Provincial Officer" means any person designated in writing by the Minister as a provincial officer pursuant to Section 5 of the OWRA, Section 5 of the EPA, Section 17 of the PA, Section 4 of the NMA, or Section 8 of the SDWA;
18. "Reg. 347" means R.R.O. 1990, Reg. 347: (General - Waste Management), made under the EPA;
19. "SDWA" means the Safe Drinking Water Act, 2002, S.O. 2002, c. 32;
20. "Site" means the waste disposal site approved under this Approval, located at 91 Westmore Drive , Etobicoke, Toronto;
21. "Supporting Documentation" means the documents listed in Schedule 1 of this Approval;
22. "Trained Personnel" means an employee trained in accordance with the requirements of Condition 17 and is knowledgeable through instruction and/or practice and able to carry out any necessary duties.

TERMS AND CONDITIONS

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

1. Compliance

1. The Owner shall ensure compliance with all the conditions of this ECA and shall ensure that any person authorized to carry out work on or operate any aspect of the Site is notified of this ECA 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 ECA.

3. The Site shall be operated and maintained at all times including management and disposal of all waste in accordance with the EPA, Reg. 347 and the conditions of this ECA. At no time shall the discharge of a contaminant that causes or is likely to cause an adverse effect be permitted.

2. In Accordance and Expiry

1. Except as otherwise provided for in this ECA, the Site shall be designed, developed, built, operated, modified and maintained in accordance with the Design and Operations Report and the other supporting documentation listed in Schedule 1.
2. An updated Design and Operations Report shall be retained at the Site; kept up to date through periodic revisions; and be available for inspection by Ministry staff.
3. Changes to the Design and Operations Report shall be submitted to the Director for Approval.
4. The Site shall be constructed and the approved equipment shall be installed and must commence operation, within five (5) years of issuance of this Approval, after which time the Approval ceases to apply in respect of any portions of the Site not in operation. In the event that the construction, installation and/or operation of any portion of the Site is anticipated to be delayed beyond the time period stipulated, the Owner shall submit to the Director an application to amend the Approval to extend this time period, at least six (6) months prior to the end of the period. The amendment application shall include the reason(s) for the delay and whether there is any design change(s).

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.

4. Other Legal Obligations

1. The issuance of, and compliance with, 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 including, but not limited to:
 - i. obtaining site plan approval from the local municipal authority;
 - ii. obtaining all necessary building permits from the local municipal authority;
 - iii. obtaining approval from the Chief Fire Prevention Officer, local municipal authority: 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 ECA.
2. The Owner shall ensure that all approvals for the activities at the Site set out in Section 9 of the EPA, where applicable, have been obtained.

5. Adverse Effect

1. The Owner shall take steps to minimize and ameliorate any adverse effect on the natural environment or impairment of water quality resulting from the Site, including such accelerated or additional monitoring as may be necessary to determine the nature and extent of the effect or impairment.

2. Despite an Owner, operator 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 to the natural environment or impairment of water quality.

6. Change of Owner

1. The Owner shall notify the Director in writing, and forward a copy of the notification to the District Manager, within thirty (30) days of the occurrence of any changes:
 - a. the Owner of the Site;
 - b. the operator of the Site;
 - c. the address of the Owner or operator;
 - 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 shall be included in the notification; and
 - 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 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 and sufficient financial assurance is deposited with the Ministry to ensure that these conditions will be carried out. 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 ECA, and the Owner shall provide a copy of the notification to the District Manager and the Director.

7. Financial Assurance

1. No later than ninety (90) days from the date of issuance of this Approval, the Owner shall submit financial assurance, as defined in Section 131 of the Environmental Protection Act (EPA), to the Director in the amount of \$45,245. This financial assurance shall be in a form considered acceptable by the Director to pay for any actions required to ensure compliance with the Environmental Protection Act and the conditions of this Environmental Compliance Approval, including the removal and disposal of all waste permitted to be at the Site at any one time, Site clean-up and remediation, Site closure and post-closure care of the Site.
2. Commencing on March 31, 2028 and at intervals of five (5) years thereafter, the Owner shall provide to the Director a re-evaluation of the amount of the Financial Assurance to facilitate the actions required under Condition 7.1. The Financial Assurance must be submitted to the Director within thirty (30) 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.

8. Inspections

1. No person shall hinder or obstruct a Provincial Officer from carrying out any and all inspections authorized by the EPA, NMA, OWRA, PA or SWDA, of any place to which this Approval relates, and without limiting the foregoing:
 - a. to enter upon the premises where the approved works are located, or the location where the records required by the conditions of this ECA 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; and
- e. to sample and monitor for the purposes of assessing compliance with the terms and conditions of this ECA or the EPA, NMA, OWRA, PA, or SWDA.

9. Information and Record Retention

1. Any information requested, by the Ministry, concerning the Site and its operation under this Approval, including but not limited to any records required to be kept by this Approval shall be provided to the Ministry, upon request, in a timely manner.
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. All records required by the conditions of this Approval must be retained on Site for a minimum period of two (2) years from the date of their creation.

10. Service Area and Hours of Operations

1. Only waste that is generated within geographical boundaries of North America shall be accepted at the Site.
2. Waste may be received, processed and shipped from the Site between 7:00 am to 7:00 pm Monday to Friday and 8:00 am to 4:00 pm on Saturdays, unless otherwise restricted by municipal by-laws.

11. Signage and Security

1. The Owner shall install a sign at the main entrance/exit to the Site on which is legibly displayed the following information:
 - a. the name of the Site and Owner;
 - b. the number of this Approval;
 - c. hours during which the Site is open;
 - d. the type of waste that is approved for receipt at the Site;
 - 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;
 - f. Ministry's telephone number to which complaints may be directed;
 - g. a warning against unauthorized access; and
 - h. a warning against dumping at the Site.
2. The Site shall be operated and maintained in a secure manner, such that unauthorized persons cannot enter the site. During non-operating hours, the building doors at the Site shall be locked and secured against access by unauthorized persons.

12. Approved Waste Types, Receipt Rates and Storage Quantities

1. No waste other than solid non-hazardous waste generated by residential, industrial, commercial and institutional sources, limited to plastic waste, shall be received at the Site.
2. The Owner shall ensure that:

- a. all plastic containers received at the Site have less than 2.5 centimetres of residual waste on their bottoms (i.e., Empty Containers only), including containers that have waste stuck to the inside wall of the container provided they have been cleaned prior to receipt using removal practices such as pumping or pouring commonly used for the specific wastes they contained; and
 - b. all residual waste at the bottom of the unrinsed Empty Containers is limited to liquid industrial waste or characteristic waste limited to waste classes: 114, 122, 135, 148, 212, 213, 222, 233, 242, 262, and 263 as described in the Ministry of the Environment's "New Ontario Waste Classes" document dated February 2013, as amended.
3. The Owner shall not receive:
- a. Empty Containers that previously contained listed waste, pathological waste or PCB waste;
 - b. putrescible waste; or
 - c. subject waste (excluding the residual waste that may be found at the bottom of the Empty Containers).
4. Despite Conditions 12.2.a and 12.3.c, the Owner may receive containers with more than 2.5 centimetres of residual waste on their bottoms on an emergency basis only, provided that the District Manager is notified in writing within twenty-four (24) hours of receipt and that the waste is limited to the waste types described under Condition 12.2.b.
5. The amount of waste received at the Site on any one day shall not exceed 20 tonnes.
6. The total amount of waste stored at the Site at any one time shall not exceed 678 tonnes, subject to the following:
- a. maximum of 152 tonnes of unprocessed plastic waste as follows:
 - i. 100 tonnes of shredded plastic waste in super sacks in section 1 (approximately 27.9 m x 3.4 m) and section 2 (approximately 6.4 m x 1.0 m and 12.1 x 4.1 m) identified within the Design and Operations Report (note: 100 tonnes is equivalent to approximately 111 small super sacks that are double stacked for a total of 222 small super sacks or 111 large super sacks that are unstacked);
 - ii. 12 tonnes of loose plastic waste (clean and empty barrels) in section 3 (approximately 2.8 m x 3.4 m), section 4 (approximately 5.6 m x 6.7 m) and section 5 (approximately 18.3 m x 10.2 m) identified within the Design and Operations Report (note: 12 tonnes is equivalent to approximately 601 barrels that are double stacked for a total of 1,202 barrels);
 - iii. 40 tonnes of plastic waste on pallets/bins in section 6 (approximately 7.3 m x 9.1 m), section 7 (approximately 3.0 m x 4.6 m, 4.6 m x 6.1 m, and 4.6 m x 7.6 m) and section 8 (approximately 12.2 m x 4.1 m) identified within the Design and Operations Report, consisting of a maximum of 10 tonnes of unrinsed Empty Containers (note: 40 tonnes is equivalent to approximately 127 bins that are triple stacked for a total of 381 bins or 127 skids that are unstacked);
 - iv. any unprocessed plastic waste stored overnight in trucks;
 - b. a maximum of 6.4 tonnes of scrap metal in the designated 3.7 m x 4.0 m area identified within the Design and Operations Report (note: 6.4 tonnes is equivalent to approximately 11 cages that are triple stacked for a total of 32 cages);
 - c. a maximum of 12 tonnes of residual solid non-hazardous waste in an outdoor covered 40 yard bin;
 - d. a maximum of 2.5 tonnes of wash water and grinded plastic in the Plastic Grinding and Wash Line;
 - e. a maximum of thirteen (13) 1,000 L IBC totes of waste wash water from the Plastic Grinding and Wash Line;
 - f. a maximum of 5.08 tonnes of residual subject waste from the decanting of the Empty Containers as follows:

- i. two (2) 1,000 L IBC tote for the storage of waste class 122L/C;
 - ii. one (1) 1,000 L IBC tote for the storage of waste classes 212L/I, 213L, 222L, 233L, 262L, 263L, and/or 270L/I;
 - iii. one (1) 1,000 L IBC tote for the storage of waste class 114L/C;
 - iv. one (1) 1,000 L IBC tote for the storage of waste class of 242L/C;
 - v. four (4) 20 L pails for the storage of waste classes 135I or 148I;
- g. a maximum of 486 tonnes of processed solid plastic waste in section 9 (approximately 3.0 m x 7.9 m, 4.0 m x 9.1 m, and 7.9 m x 12.5 m) and section 10 (approximately 14.3 m x 42.4 m) identified within the Design and Operations Report (note: 486 tonnes is equivalent to approximately 78 gaylord boxes that are triple stacked in section 9 and 240 gaylord boxes that are double stack in section 10 for a total of 714 gaylord boxes); and
- h. a maximum of 4.3 tonnes of processed solid fines in section 11 (approximately 4.1 m x 4.9 m) identified within the Design and Operations Report (note: 4.3 tonnes is equivalent to 4 gaylord boxes that are double stacked for a total of 8 gaylord boxes).
7. The Owner shall ensure that the waste is stored within the designated areas in accordance with Condition 12.6.
8. The Owner shall clearly mark the limits of the designated storage areas identified in Condition 12.6.
9. The Owner shall ensure that barrels are stacked at a maximum of 2 barrels high, super sacks are stacked at a maximum of 2 super sacks high, bins are stacked at a maximum of 3 bins high, and gaylord boxes are stacked at a maximum of 3 gaylord boxes high.
10. In the event that the waste cannot be transferred from the Site and the Site is at its approved waste storage capacity, the Owner shall cease accepting additional waste. Receipt of additional waste may be resumed once such receipt complies with the waste storage limitations approved in this Approval.
11. The Owner shall ensure that:
- a. all liquid waste storage areas are designed and constructed in accordance with the Ministry's publication "Guidelines for Environmental Protection Measures at Chemical and Waste Storage Facilities", dated May 2007;
 - b. all secondary containment is installed and maintained in accordance with the Design and Operations Report, which includes berms around the 13 IBC totes for the waste wash water, berms at all entrances/exits to the building, spill pallets for the 5 IBC totes for decanted subject waste, and floor drains connected to the 2 holding tanks within a concrete pit for the Plastic Grinding and Wash Line;
 - c. all containers (including the tanks in the Plastic Grinding and Wash Line, IBC totes, pails, drums, bins, etc.) used to store waste are maintained in good condition to prevent leakage, including the immediate removal from service of any leaking container;
 - d. no incompatible subject wastes (including wastes contained in separate totes, pails or other containers) shall be stored within the same secondary containment area at the same time, at any time;
 - e. sufficient storage capacity is available in the storage tanks prior to unloading of the waste into the storage tanks;
 - f. the floors and floor drains in the tipping floor, liquid storage and processing areas are in good condition, free of cracks and sealed with a chemical resistant sealant;
 - g. all storage, unloading and loading areas are equipped with spill kits;
 - h. a drip tray is placed under the buckets when liquid waste is being transferred from the incoming containers; and

- i. all liquid industrial waste and characteristic waste storage containers have a label or sign identifying the volume, waste type, waste class(es), and waste characterization (including the WHMIS and/or the Transportation of Dangerous Goods Act (TDGA) where applicable). The label or sign shall be clearly visible for inspection and record keeping.

13. Waste Activities and Operations

1. The Owner shall ensure that:
 - a. prior to receipt of any waste, Trained Personnel verify all incoming waste loads through documentation review, waste sampling and/or confirmatory characterization, as necessary, to ensure that only waste that is approved under this Approval is received at the Site; and
 - b. all incoming waste is accompanied with documentation including the following information at a minimum:
 - i. source of the waste; and
 - ii. for unrinsed containers only, characterization to determine the constituents of the waste, the waste class and waste characterization.
 - c. all testing and characterization shall be carried out in accordance with the criteria and testing methods described in the definitions of "hazardous industrial waste", "acute hazardous waste chemical", "hazardous waste chemical", "severely toxic waste", "ignitable waste", "corrosive waste", "reactive waste", and "leachate toxic waste" listed in Reg. 347.
 - d. If any incoming waste load is known to contain unapproved waste, or is discovered to contain unapproved waste during receipt, that load shall be rejected.
 - e. If any unapproved waste is discovered on-site, that waste shall be immediately removed from the Site for disposal in accordance with the EPA and Reg. 347.
2. Waste shall only be transported to and from the Site by haulers approved by the Ministry to transport such waste, or registered on the EASR, as required.
3. The Owner shall ensure that all waste is stored and processed in manner that does not result in a nuisance or an Adverse Effect.
4. The Owner shall monitor the waste storage areas daily to remove unauthorized materials.
5. The Owner shall ensure that:
 - a. all waste unloaded on the tipping floor is emptied into the designated IBC totes, where applicable, and subsequently transferred for processing or for storage in the designated storage areas within twenty-four (24) hours of receipt;
 - b. all subject waste storage containers are clearly labelled;
 - c. the lid on the outdoor bin is kept closed; and
 - d. with the exception of the outdoor compactor and bin, all waste shall be stored and processed indoors.
6. The following waste management activities may be carried out at the Site in accordance with the Design and Operations Report:
 - a. the receipt, temporary storage and transfer of waste;
 - b. the grinding, washing and drying of plastic waste; and
 - c. the bulking and blending/mixing of subject waste that may be found at the bottom of the Empty Containers.
7. The Owner shall transfer waste from the Site as follows:

- a. the processed plastic waste, the scrap metal and the residual solid-non-hazardous waste required to be stored in bins/areas under this Approval shall be transferred off-site once the respective storage bins/areas are full;
 - b. all subject waste shall be removed within ninety (90) days of receipt; and
 - c. immediately, in the event that waste is creating an odour or vector problem.
8. The bulking of waste is subject to the following:
 - a. only wastes with the same physical state, waste class and waste characterization shall be bulked;
 - b. no wastes shall be bulked if the only purpose of the bulking is to dilute the waste;
 - c. no wastes shall be bulked unless the wastes have first been tested and/or characterized in accordance with the application and supporting documentation listed in the Design and Operations Report;
 - d. only compatible wastes may be bulked in accordance with the Design and Operations Report and the results of laboratory and bench-scale testing to ensure that the bulking of those wastes would not result in the evolution of a hazardous gas, excessive heat or any other hazard; and
 - e. all products of bulking shall be properly characterized (including testing as necessary to establish the correct characterization) in accordance with Regulation 347 before being transferred off-site.
9. The blending of subject wastes is subject to the following restrictions:
 - a. The wastes to be blended in accordance with the Design and Operations Report shall be similar in nature and compatible based on the results of laboratory and bench-scale testing to ensure that the mixing of those wastes would not result in the evolution of a hazardous gas, excessive heat or any other hazard;
 - b. prior to blending, the Owner shall receive written confirmation from the downstream waste processor that the proposed blend is acceptable for treatment; and
 - c. all products of blending/mixing shall be properly characterized (including testing as necessary to establish the correct characterization) in accordance with Regulation 347 before being transferred off-site.
10. Any waste requiring treatment or disposal shall only be disposed of at a Ministry approved site or at a site approved to accept such waste by the appropriate jurisdiction.
11. The Owner shall forthwith replace the wash water in the Plastic Grinding and Wash line when:
 - a. the generated processed plastic waste begins to exhibit signs that it is no longer clean. Any processed plastic waste that is not clean (for example, residue, sticky, etc.) as a result of not replacing the wash water shall be re-processed in the Plastic Grinding and Wash Line; or
 - b. the wash water in the final 500 L wash tank exhibits one of the following characteristics: odour, high turbidity, high viscosity or when the pH is less than or equal to two or greater than or equal to 12.5 as determined by a pH meter.
12.
 - a. Each batch of processed plastic waste that is generated prior to disposing of the wash water in the Plastic Grinding and Wash Line shall be tested for the first three (3) months to ensure that it meets the Toxicity Characteristic Leaching Procedure (TCLP) criteria specified in Schedule IV of Reg. 347.
 - b. TCLP sampling of processed plastic waste shall be done in accordance with the Ministry document entitled "Principles of Sampling and Analysis of Waste for TCLP under Ontario Regulation 347" dated February 2002, as revised from time to time and in accordance with Reg. 347.
 - c. Despite Paragraph a., TCLP testing of the processed plastic waste shall be conducted following any incoming waste type changes, process changes, operational issues or other factors that may affect the quality of the said processed plastic waste.
13. The Owner shall ensure that the downstream waste processor, that is proposed to receive the wash

water generated in the Plastic Grinding and Wash Line, collects samples of each batch of wash water generated in the Plastic Grinding and Wash Line for the first three (3) months and as needed to ensure that it is characterized in accordance with Regulation 347.

14. The Owner shall ensure that all waste that is generated at the Site is characterized, handled, and disposed of in accordance with Reg. 347 and the EPA.

14. Nuisance Mitigation

1. The Owner shall operate and maintain the Site such that the dust, odours, vectors, birds, litter, vibration, noise and traffic do not create a nuisance.
2. If at any time dust, 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 an immediate and appropriate remedial action that may be 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 ensure that there is no queuing or parking of vehicles that are waiting to enter the Site on any roadway that is not a distinct part of the Site.

15. Site Inspections

1. Trained Personnel shall carry out a daily inspection of the entire Site to ensure that:
 - a. the Site is secure;
 - b. no unapproved waste is present on-site;
 - c. all equipment and facilities at the Site are maintained in good working order at all times;
 - d. there are no leaks/discharges;
 - e. all secondary containment areas/equipment are free of cracks and spalling; and
 - f. there are no off-site impacts such as odour, dust, litter, noise and traffic, resulting from the operation of the Site.
2. Trained Personnel shall carry out a weekly inspection of the floor drains to ensure that they are clean and not clogged, unless the floor drains have not been utilized within the past week.
3. Any deficiencies discovered as a result of an inspection carried out under Conditions 15.1 and 15.2 shall be remedied immediately, with corrective measures including temporarily ceasing operations at the Site and/or removing all waste from the Site as necessary.

16. Complaint Response Procedure

1. If at any time, the Owner receives complaints regarding the operation of the Site, the Owner shall respond to these complaints according to the following procedure:
 - a. The Owner shall record each complaint on a formal complaint form entered in a computerized tracking system. The information recorded shall include the nature of the complaint, circumstances of the complaint including weather conditions, the name, address and the telephone number of the complainant and the time and date of the complaint;
 - b. The Owner, upon notification of the complaint shall initiate appropriate steps to determine all possible causes of the complaint, proceed to take the necessary actions to eliminate the cause of the complaint and forward a formal reply to the complainant; and
 - c. the Owner shall immediately notify the District Manager of the complaint, followed with the submission of a written report within one (1) week of the complaint detailing what actions were taken to identify and remediate the cause of the complaint, what remedial action would be taken, and any managerial or

operational changes to reasonably avoid the reoccurrence of similar incidents

17. Operations Manual and Staff Training

1. Within three (3) months from the issuance of this ECA, the Owner shall prepare an Operations Manual for use by the Site personnel. As a minimum, the Operations Manual shall contain the following:
 - a. an outline of the responsibilities of Site personnel;
 - b. personnel training protocols;
 - c. a site plan, showing the waste storage and processing areas, including dimensions;
 - d. Site operating procedures including, but not limited to, waste receiving, screening, refusal, unloading, handling, storage, processing, sorting, and shipping procedures
 - e. sampling, testing, monitoring and recording procedures as required by this Approval;
 - f. equipment and Site inspection procedures, as required by this Approval;
 - g. nuisance impact control and housekeeping procedures;
 - h. emergency response and contingency 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, as described under the Emergency Response and Contingency Plan;
 - i. procedure 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 personnel at all times and must be updated, as required.
3. The Owner shall develop and implement a preventative maintenance program for all on-Site equipment associated with the processing and managing of waste in accordance with the manufacturer's recommendations. The preventative maintenance program shall be maintained up-to-date and shall be available for inspection by a Provincial Officer upon request.
4. Within three (3) months from the date of this Approval, all Site personnel shall be trained with respect to the following:
 - a. relevant waste management legislation, regulations and guidelines, including but not limited to the EPA and Regulation 347;
 - b. environmental, occupational health and safety concerns pertaining to the waste to be handled;
 - c. emergency first-aid information;
 - d. terms and conditions of this Approval, relevant to the specific job requirements of each individual operator in accordance with the Operations Manual required by Condition 17.1;
 - e. operation and management of the Site, or area(s) within the Site, as per the specific job requirements of each individual operator in accordance with the Operations Manual required by Condition 17.1; and
 - f. the procedures to be employed in the event of an emergency.
5. The Owner shall ensure that all employees at the Site are trained in the requirements of this Approval relevant to the employee's position:
 - a. upon commencing employment at the Site in a particular position; and
 - b. whenever items listed in Condition 17.1 and 17.4 are changed or during the planned three (3)-year refresher training.

6. The Owner shall ensure that Trained personnel is/are on duty at all times when the Site is open to carry out any activity required under this Approval.

18. Spill Response, Spill Reporting and Emergency Response and Contingency Plan

1. All spills, as defined in the EPA, shall be immediately reported to the Ministry's Spill Action Centre at 1-800-268-6060 and to the local municipal authority.
2. The Owner shall promptly take all necessary steps to contain and clean up any spills or upsets which result from this Site.
3. Should a spill or process upset 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) business days outlining the nature of the spill/upset, remedial measure taken and the measures taken to prevent future occurrences at the Site.
4. Within four (4) months from the issuance of this Approval, the Owner shall prepare and implement a Emergency Response and Contingency Plan to include, at a minimum, the following information:
 - a. Maps and drawings showing the location, maximum quantity and types of all waste materials and hazardous products stored at the Site;
 - b. Description of the waste types (including waste class and characterization) for all waste types stored at the Site;
 - c. emergency response procedures to be undertaken in the event of a spill or process upset, including specific clean up methods for each different type of waste the Site is approved to accept;
 - d. a list of equipment and spill clean up materials available in case of an emergency;
 - e. any maintenance and testing programs for the emergency equipment and materials;
 - f. contingency procedures to be followed in the event of equipment malfunction, a labour disruption, transportation disruption, inability of receiving sites to accept waste or other business disruption to the operation; and
 - g. 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 municipal fire department, the local municipal authority, the local Medical Officer of Health, the Ministry of Labour, and the names and telephone numbers of waste management companies available for emergency response.
5. Within five (5) months from the issuance of this Approval, the Owner shall submit a copy of the Emergency Response and Contingency Plan to the City of Toronto and the local fire department for their review and address any comments they may have.
6. The Owner shall review the Emergency Response and Contingency Plan on an annual basis as a minimum, and shall ensure that the names and telephone numbers of the persons to be contacted as required are up-to-date, and that these numbers are prominently displayed and immediately available to all staff and emergency response personnel. Copies of the updated plan are to be provided to the City of Toronto and to the local fire department.
7. An up-to-date version of the Emergency Response and Contingency Plan shall be kept at the Site at all times, in a central location available to all staff, and shall be available for inspection by a Provincial Officer upon request.
8. The equipment, materials and personnel requirements outlined in the Emergency Response and Contingency Plan are required to be kept on Site and shall be immediately available on the Site at all times. The equipment shall be kept in a good state of repair and in a fully operational condition.
9. The Owner shall ensure that all operating personnel are fully trained in the equipment and materials' use and in the procedures to be employed in the event of an emergency.

19. Record Keeping and Annual Report

1. The Owner shall maintain a daily record either electronically or in a log book which shall include the following

information:

- a. date of record;
 - b. quantity, type and source of the waste received at the Site, including the generator's name, address and for any unrinsed containers, the waste class and waste characterization;
 - c. quantity and type of all waste present at the Site;
 - d. quantity and type of the waste shipped from the Site and destination, including the waste class, waste characterization and manifest number where applicable;
 - e. a record of any waste refusals which shall include; amounts, reasons for refusal and actions taken; and
 - f. housekeeping activities, including litter collection, washing/cleaning activities, etc.
2. The Owner shall maintain an on-Site 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 material was cleaned up and stored, if generated; and
 - e. the location and time of final disposal, if applicable.
3. The Owner shall maintain an on-Site written or digital record of inspections as required by 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; and
 - e. the date, time and description of actions taken.
4. The Owner shall maintain an on-Site written or digital record of training as required by 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.
5. The Owner shall establish and maintain a written or digital record of complaints received and the responses made as required by this Approval.
6. By March 31st following the end of each operating year, the Owner shall prepare and maintain on-site an Annual Report summarizing the operation of the Site covering the previous calendar year. This Annual Report shall include, as a minimum, the following information:
- a. a site plan with all storage areas identified;
 - b. A detailed monthly summary of the type, quantity and origin of all wastes received and transferred from the Site, including the destination, type and quantity of waste destined for final disposal. All quantities shall be reported in units of litres or kilograms;

- c. a summary describing any rejected waste, including waste class, waste characteristic and the reason why the waste was rejected;
- d. any environmental and operational problems, that could negatively impact the environment, encountered during the operation of the Site or during Site inspections and any mitigative actions taken;
- e. Details on any spills, fires, operational upsets or other problems encountered during the operation of the Site, and all actions taken to remediate the problem;
- f. any recommendations to minimize environmental impacts from the operation of the Site and to improve Site operation and monitoring programs in this regard;
- g. a summary of any complaints received and the responses made;
- h. a summary of all inspections and maintenance carried out at the Site;
- i. a written statement that the Site was in compliance with all terms and conditions of this Approval; and
- j. any other information the District Manager requires from time to time.

20. Closure Plan

1. The Owner must submit, for approval by the Director, a written Closure Plan for the Site four (4) months prior to closure of the Site. This plan must include, as a minimum, a description of the work that will be done to facilitate decommissioning of the waste management operations at the Site and a schedule for completion of that work; and
2. Within ten (10) days after closure of the Site, the Owner must notify the Director, in writing, that the Site has been closed in accordance with the approved Closure Plan.

REASONS

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

1. The reason for Conditions 1, 3, 4, 5 and 9 is to clarify the legal rights and responsibilities of the Owner and Operator.
2. The reason for Condition 2 is to ensure that the Site is 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.
3. The reasons for Condition 6 are:
 1. 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,
 2. 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, and
 3. to ensure that the successor is aware of its legal responsibilities.
4. The reason for Condition 7 is 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.
5. The reason for Condition 8 is to ensure that appropriate Ministry staff have ready access to the Site for inspection of facilities, equipment, practices and operations required by the conditions in this Approval. This condition is supplementary to the powers of entry afforded a Provincial Officer pursuant to the EPA and OWRA.
6. The reasons for Condition 10 are to specify the operating hours for the Site and the service area.

7. The reasons for Condition 11 are to ensure that emergency responders and the public have the necessary contact information in the event of an emergency or complaint and to minimize the risk of unauthorized entry to the Site.
8. The reasons for Condition 12 are: to ensure that only waste approved under this Approval are received and stored at the Site in the quantities permitted under this Approval to prevent a hazard or nuisance to the natural environment or any persons.
9. The reason for Conditions 13 is to ensure that the waste management activities undertaken at the Site are in accordance with that permitted under this Approval, and to ensure that the Site is operated in a fashion that would not result in a hazard or nuisance to the natural environment or any persons;
10. The reason for Condition 14 is to ensure that the Site is operated in a manner which does not result in a nuisance or a hazard to the health and safety of the environment or people.
11. The reason for Condition 15 is to ensure that regular inspections are undertaken at the Site, to verify that the Site is operated in accordance with this Approval and in a fashion that would not result in a hazard or nuisance to the natural environment or any persons.
12. The reason for Condition 16 is to ensure that complaints are properly and quickly resolved and that complaints and follow-up actions have been documented.
13. The reasons for Condition 17 are: to ensure that the Site is operated in accordance with the application and supporting documentation submitted by the Owner; and to ensure that the Site is operated and supervised by properly trained staff in a manner which does not result in a hazard or nuisance to the natural environment or any person.
14. The reasons for Condition 18 are: to ensure that the Owner follows a plan with an organized set of procedures for identifying and responding to unexpected emergencies and problems at the Site; and to ensure that the Owner immediately responds to a spill and notify the Ministry forthwith of any spills as required in Part X of the EPA so that appropriate spills response can be determined.
15. The reason for Condition 19 is to ensure that accurate records are maintained to ensure compliance with the conditions in this Approval, the EPA and its regulations.
16. The reason for Condition 20 is to ensure that the Site is closed in accordance with Ministry standards and to protect the health and safety of the environment.

APPEAL PROVISIONS

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 the service of this notice, require a hearing by the Tribunal. You must also provide notice to, the Minister of the Environment, Conservation and Parks in accordance with Section 47 of the *Environmental Bill of Rights, 1993* who will place notice of your appeal on the Environmental Registry. Section 142 of the *Environmental Protection Act* provides that the notice requiring the hearing ("the Notice") shall state:

- I. 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;
- II. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

The Notice should also include:

- I. The name of the appellant;
- II. The address of the appellant;
- III. The environmental compliance approval number;
- IV. The date of the environmental compliance approval;
- V. The name of the Director, and;
- VI. 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 Minister of the Environment, Conservation and Parks 777 Bay Street, 5th Floor Toronto, Ontario M7A 2J3	and	The Director appointed for the purposes of Part II.1 of the <i>Environmental Protection Act</i> Ministry of the Environment, Conservation and Parks 135 St. Clair Avenue West, 1st Floor Toronto, Ontario M4V 1P5
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*** Further information on the Ontario Land Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349 or 1 (866) 448-2248, or www.olt.gov.on.ca**

This instrument is subject to Section 38 of the *Environmental Bill of Rights, 1993*, that allows residents of Ontario to seek leave to appeal the decision on this instrument. Residents of Ontario may seek leave to appeal within 15 days from the date this decision is placed on the Environmental Registry. By accessing the Environmental Registry at ero.ontario.ca, you can determine when the leave to appeal period ends.

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

Dated at Toronto this 16th day of October, 2023



Mohsen Keyvani

Director

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

c: Aurangzeb khandwala, BAY RECYCLING