

AMENDED ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER A390510

Issue Date: December 17, 2019

Gerdau Ameristeel Corporation
1 Gerdau Court
Whitby, Ontario
L1N 5T1

Site Location: 1 Gerdau Court
Lot 22 and 23, broken front concession, part 22, 23 and 24, Reference plan 9945
Whitby Town, Regional Municipality of Durham

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:

- I. A 6,400,000 cubic metre waste disposal site (landfill) to be used for the disposal of Shredder Residue generated at the Site and includes the existing Demonstration Berm, Storage Berm, cells PC1 through PC6 ("Existing Cells") and new expansion cells A through E ("Expansion Cells").
- II. A 350,000 cubic metre Temporary Waste Storage Area ("TWSA") for Shredder Residue.
- III. The establishment of sewage works for the collection, transmission, treatment and disposal of stormwater, consisting of Ponds 1, 2, 3 and 4. The ponds have a total design capacity of 27,300 cubic metres and are designed to operate in batch mode for a complete capture of a 24-hour storm with a 100-year return period. A number of ditches and culverts transmit stormwater run-off to the ponds.

Pond 1 (West Stormwater Pond)

- One (1) new stormwater management pond with a design capacity of 15,000 cubic metres which discharges to Pond 2 through a 450 millimetre diameter pipe;

Pond 2 (South Stormwater Pond)

- One (1) new stormwater management pond with a design capacity of 6,500 cubic metres with discharge from the combined ponds (Ponds 1 and 2) through a new 350 millimetre diameter PVC pipe outfall to an existing stormwater outfall channel; run-off is discharged in batches after effluent limits are met;

Pond 3 (Storage Berm and PC-1 Pond)

- One (1) existing and modified stormwater management pond with a design capacity of 2,000 cubic metres; the pond discharge being via an existing 100 millimetre diameter pipe with control valve allowing discharge only after effluent limits have been achieved.

Pond 4 (Demonstration Berm Pond)

- One (1) existing and modified stormwater management pond with a design capacity of 3,800 cubic metres; the pond discharge being via an existing 100 millimetre diameter pipe with control valve allowing discharge only after effluent limits have been achieved.

- IV. All other controls, electrical equipment, instrumentation, piping, pumps, collection ponds, valves and appurtenances essential for the proper operation of the aforementioned Landfill and Sewage Works

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

- (1) "**Demonstration Berm**" means the area of the landfill referred to as such as detailed in the Design and Operations Report;
- (2) "**Design and Operations Report**" means the Design and Operations Report, amended as Item 64 of Schedule "A" of this ECA or the most recent Design and Operations Report that the Owner has submitted to the Ministry in accordance with condition 22.1 of this ECA;
- (3) "**Director**" means any Ministry employee appointed in writing by the Minister pursuant to section 5 of the EPA or OWRA as a Director for the purposes of Part V of the EPA or section 53 of the OWRA;
- (4) "**District Manager**" means the District Manager of the local district office of the Ministry in which the Site is geographically located;
- (5) "**ECA**" 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 listed in Schedule "A";
- (6) "**EPA**" means the Environmental Protection Act, R.S.O. 1990, C.E-19, as amended;
- (7) "**Expansion Cells**" means cells A through E of the landfill as detailed in the Design and Operations Report.
- (8) "**Existing Cells**" means the Demonstration Berm, Storage Berm, and cells PC1 through PC6 of the landfill as detailed in the Design and Operations Report.
- (9) "**Grab Sample**" means an individual sample of at least 1000 millilitres collected in an appropriate container at a randomly selected time over a period of time not exceeding 15 minutes;

- (10) "**Landfill**" means the 6,400,000 cubic metre waste disposal site to be used for the disposal of Shredder Residue generated at the Site and includes the existing Demonstration Berm, Storage Berm, cells PC1 through PC6 ("Existing Cells") and new expansion cells A through E ("Expansion Cells")
- (11) "**Ministry**" means the Ontario Ministry of the Environment, Conservation and Parks;
- (12) "**Owner**" means any person that is responsible for the establishment or operation of the Site being approved by this ECA, and includes Gerdau Ameristeel Corporation, its successors and assigns;
- (13) "**OWRA**" means the Ontario Water Resources Act, R.S.O. 1990, c. O.40, as amended;
- (14) "**PA**" means the Pesticides Act, R.S.O. 1990, c. P-11, as amended from time to time;
- (15) "**Reg. 232/98**" means Ontario Regulation 232/98 (New Landfill Standards) made under the EPA, as amended from time to time;
- (16) "**Reg. 347**" means Ontario Regulation 347, R.R.O. 1990, General - Waste Management, made under the EPA, as amended from time to time;
- (17) "**Reg. 903**" means Ontario Regulation 903, R.R.O. 1990, made under the OWRA, as amended from time to time;
- (18) "**Regional Director**" means the Regional Director of the local Regional Office of the Ministry in which the Site is located;
- (19) "**Shredder Residue**" means solid, non-hazardous residual waste generated from the on-site shredding operations carried out by the Owner and includes all by-products produced by the shredding of automobiles such as shredded glass, plastic, foam, rubber, cloth, wire and small traces of metal.
- (20) "**Site**" means the entire 150 hectare property located at Lot 22 and 23, broken front concession, part 22, 23 and 24, Reference plan 9945 in the Town of Whitby, Regional Municipality of Durham; and
- (21) "**Storage Berm**" means the area of the landfill referred to as such as detailed in the Design and Operations Report;
- (22) "**TWSA**" means the Temporary Waste Storage Area approved under this ECA and detailed in the Design and Operations Report.
- (23) "**Works**" means the sewage works described in the Owner's application, this ECA and in the supporting documentation referred to herein, to the extent approved by this ECA.

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

TERMS AND CONDITIONS

GENERAL

1.0 Compliance

- 1.1 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 Landfill is notified of this ECA and the conditions herein and shall take all reasonable measures to ensure any such person complies with the same.
- 1.2 Any person authorized to carry out work on or operate any aspect of the Landfill shall comply with the conditions of this ECA.
- 1.3 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.

2.0 Design, Develop, Build, Operate, Modify and Maintain in Accordance

- 2.1 Except as otherwise provided for in this ECA, the Landfill, TWSA and Works shall be designed, developed, built, operated, modified and maintained in accordance with the application for this ECA, dated January 25, 2013, the Design and Operations Report as updated from time to time, the application for the Works and any other supporting documentation listed in Schedule "A".

3.0 Interpretation

- 3.1 Where there is a conflict between a provision of any document, including the application, referred to in this ECA, and the conditions of this ECA, the conditions in this ECA shall take precedence.
- 3.2 Where there is a conflict between the application and a provision in any documents listed in Schedule "A", the application shall take precedence, unless it is clear that the purpose of the document was to amend the application and that the Ministry approved the amendment.
- 3.3 Where there is a conflict between any two documents listed in Schedule "A", other than the application, the document bearing the most recent date shall take precedence.
- 3.4 The requirements of this ECA are severable. If any requirement of this ECA, or the application of any requirement of this ECA to any circumstance, is held invalid or unenforceable, the application of such requirement to other circumstances and the remainder of this ECA shall not be affected thereby.

4.0 Other Legal Obligations

4.1 The issuance of, and compliance with, this ECA does not:

- (i) 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:
 - (a) obtaining site plan approval from the local municipal authority;
 - (b) obtaining all necessary building permits from the local municipal authority Building Services Division;
 - (c) obtaining approval from the Chief Fire Prevention Officer, local municipal authority: or
- (ii) 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.

5.0 Adverse Effect

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

5.2 Despite the Owner, operator or any other person fulfilling any obligations imposed by this ECA the Owner, operator or any other person remains responsible for any contravention of any other condition of this ECA 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.

6.0 Change of Owner

6.1 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:

- (i) the ownership of the Site;
- (ii) the operator of the Site;
- (iii) the address of the Owner or operator;
- (iv) 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
- (v) 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.

6.2 No portion of this Site shall be transferred or encumbered prior to or after closing of the Landfill 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.

6.3 The Owner shall ensure that all communications made pursuant to this condition will refer to this ECA's number.

7.0 Financial Assurance

7.1 By no later than March 31, 2020, the Owner shall submit to the Ministry financial assurance, as defined in Section 131 of the EPA, in the amount of sixteen million one hundred thirty-two thousand four hundred seventy-one dollars (CAD16,132,471.00), This Financial Assurance shall be in a form acceptable to the Director and shall provide an amount that is sufficient to pay for compliance with and performance of any action specified in this ECA, including the closure and post-closure care of the Landfill and TWSA and contingency plans for the Landfill, as required in Reg. 232/98, Sections 17 and 18.

7.2 The amount of financial assurance required shall increase every year in accordance with Schedule "B" of this ECA. By October 31 of each year, the Owner shall submit additional financial assurance to the Ministry, as required to maintain the balances detailed in Schedule "B" of this ECA.

7.3 Commencing on March 31, 2023, and every three (3) 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. Additional financial assurance, if required, must be submitted to the Director within twenty (20) days of written acceptance of the re-evaluation by the Director;

7.4 The amount of financial assurance is subject to review at any time by the Director and may be amended at his/her discretion; and

7.5 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 Owner shall forthwith replace the financial assurance with cash.

8.0 Inspections

- 8.1 No person shall hinder or obstruct a Provincial Officer from carrying out any and all inspections authorized by the OWRA, the EPA, or the PA, of any place to which this ECA relates, and without limiting the foregoing:
- (i) 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;
 - (ii) to have access to, inspect, and copy any records required to be kept by the conditions of this ECA;
 - (iii) to inspect the Landfill, TWSA or Works related equipment and appurtenances;
 - (iv) to inspect the practices, procedures, or operations required by the conditions of this ECA; and
 - (v) to sample and monitor for the purposes of assessing compliance with the terms and conditions of this ECA or the EPA, the OWRA or the PA.

9.0 Information and Record Retention

- 9.1 Any information requested, by the Ministry, concerning the Landfill, TWSA and Works and its operation under this ECA, including but not limited to any records required to be kept by this ECA shall be provided to the Ministry, upon request, in a timely manner.
- 9.2 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 ECA or under any statute, regulation or other legal requirement, in relation to the information, shall not be construed as:
- (i) an approval, waiver, or justification by the Ministry of any act or omission of any person that contravenes any term or condition of this ECA or any statute, regulation or other legal requirement; or
 - (ii) acceptance by the Ministry of the information's completeness or accuracy.
- 9.3 All records required by the conditions of this ECA must be retained on Site for a minimum period of five (5) years from the date of their creation.
- 9.4 Any information relating to this ECA and contained in Ministry files may be made available to the public in accordance with the provisions of the Freedom of Information and Protection of Privacy Act, R.S.O. 1990, C. F-31.

DESIGN AND CONSTRUCTION OF LANDFILL STAGES AND WORKS

10.0 Design and Operations - General

- 10.1 The Works, Expansion Cells and all other Landfill components shall be constructed in accordance with this ECA and with the items attached to this ECA in Schedule "A" including the

proposed development and sequencing plan.

- 10.2 Any proposed design optimization or modification shall not be implemented without prior consultation with the District Office and Director and, if necessary, an amendment to this ECA.
- 10.3 Any application submitted to the Director to incorporate proposed modifications shall include an explanation of the reasons for the change and updated plans and specifications for the Landfill or Works.

11.0 As-Built Drawings

- 11.1 The Owner shall ensure that as-built drawings for the Works, TWSA and Landfill components are available on-site for inspection.

12.0 Site Preparation Report

- 12.1 The Owner shall not place any Shredder Residue in the Expansion Cells until a written report has been submitted to the Director and District Manager documenting all construction, QA/QC activities and confirming that the Landfill conditions and details of the construction of the new area are in accordance with the approved design plans and specifications for the Landfill.

OPERATIONS - GENERAL

13.0 General

- 13.1 The Landfill, TWSA and Works shall be designed, constructed, operated, monitored and maintained, including management and disposal of all Shredder Residue, in accordance with the EPA, Reg. 347, Reg. 232/98, and the conditions of this ECA and the supporting documentation listed in the attached Schedule "A". At no time shall the discharge of a contaminant that causes or is likely to cause an adverse effect be permitted.

14.0 Approved Waste Types and Service Area

- 14.1 Only Shredder Residue generated from the on-site metal recycling process shall be disposed of at the Landfill or TWSA.
- 14.2 No hazardous waste or liquid industrial waste, as defined in Reg. 347, shall be disposed of at the Landfill or TWSA.

15.0 Hours of Operation

- 15.1 The normal hours of operation for disposal of waste at the Site are 7:00 a.m. to 7:00 p.m., Monday through Saturday.
- 15.2 The normal hours of operation may be amended from time to time based on prior consultation

with the District Manager or designate.

16.0 Supervision, Access and Security

- 16.1 No waste shall be disposed of at the Landfill or TWSA unless a supervisor or qualified designate is present onsite.
- 16.2 The Owner shall secure the Site against entry by unauthorized vehicles.

17.0 Training and Site Manuals

- 17.1 The Owner shall develop and maintain a training plan for new and current Landfill, TWSA and Works operations employees and shall ensure that all site operations employees have been adequately trained prior to conducting site operations at the Landfill, TWSA and Works and receive on-going training with respect to the following, as amended:
- (i) Terms, conditions and operating requirements of this ECA;
 - (ii) The operation and maintenance of the Landfill, TWSA and Works with respect to approved design and operation documents;
 - (iii) Relevant waste management legislation and regulations;
 - (iv) Environmental concerns related to waste management at the Landfill, TWSA and Works;
 - (v) Occupational health and safety concerns related to waste management at the Landfill, TWSA and Works; and
 - (vi) Emergency procedures and contingency plans in cases of fire, spills, off-site impacts and any other emergency situations.
- 17.2 The Owner shall take all reasonable steps to ensure that the Landfill, TWSA and Works is inspected regularly by trained personnel for any situation which may cause an adverse effect, as defined in the EPA, and to ensure that the Landfill, TWSA and Works is being operated in accordance with this ECA. The Landfill, TWSA and Works shall be inspected in accordance with condition 41.1 below and with Section 5.2 in the Design and Operations Report.
- 17.3 The Owner shall prepare an operations manual for use by Landfill, TWSA and Works personnel. The operations manual shall contain the following:
- (i) outline the responsibilities of Landfill, TWSA and Works personnel for all operations;
 - (ii) personnel training protocols;
 - (iii) unloading, handling and disposal procedures for Landfill, TWSA and Works operations;
 - (iv) procedure for handling complaints.
- 17.4 A copy of the operations manual detailed in condition 17.3 shall be kept at the Site, must be accessible to personnel at all times and must be updated as required.

18.0 Signage

- 18.1 The Owner shall install and maintain a sign which complies with local by-laws at the main

entrance/exit to the Site on which is legibly displayed the following information:

- (i) The name of the Site and Owner;
- (ii) The ECA No. A390510;
- (iii) The normal hours of operation;
- (iv) Allowable waste type;
- (v) A telephone number to which complaints may be directed; and
- (vi) A twenty-four (24) hour emergency telephone number (if different from above).

19.0 Prohibitions

19.1 The Owner shall ensure that no waste is burned at the Site.

19.2 The Owner shall ensure that there is no scavenging, as defined in Reg. 347, at the Site.

20.0 Weigh Scales

20.1 The Owner shall weigh all waste entering the landfill. The Owner shall keep all weigh scale or load cell records at the Site for inspection. Waste records shall be kept as such to ensure compliance with the waste fill rate limit detailed in condition 24.1.

20.2 Where the weigh scale or load cell is temporarily out of operation for maintenance or repair, estimates of waste volumes and density shall be used to estimate the weight of waste received.

20.3 In the event of weigh scale or load cell malfunction, the Owner shall take appropriate action to repair the malfunction within a period of time acceptable to the District Manager.

21.0 Nuisances and Complaint Response Procedures

21.1 The Owner shall take all reasonable steps to prevent off-site nuisance impacts from all Landfill, TWSA and Works operations. The Owner shall implement control measures for access and on-site traffic, receipt of waste, litter, odour, dust, bird and non-bird vectors, vibration, fire and noise in accordance with Section 5.3 in the Design and Operations Report.

21.2 If at any time, problems such as dust, odours, vectors, birds, litter, vibration, noise, or other nuisances are generated at the Landfill resulting in complaints, the Owner shall take appropriate remedial action immediately to address the cause of such problems. Appropriate measures may include temporary stoppage of all operations, or problematic areas of the operation, until the problem has been rectified and reasonable measures have been undertaken to prevent future occurrence.

21.3 If at any time the Owner receives complaints regarding impacts from the operation of the Landfill, TWSA or Works, the Owner shall respond to these complaints according to the procedure detailed in Appendix E of the Design and Operations Report and with the following procedure:

- (a) The Owner shall record and number each complaint, either electronically or in a log book, and shall include the following information: the time and date of the complaint and incident to which the complaint relates, the nature of the complaint, wind direction at the time and date of the incident to which the complaint relates and, if known, the address of the complainant;
- (b) The Owner, upon notification of a complaint, shall initiate appropriate steps to determine all possible causes of the complaint, and shall proceed to take the necessary actions to appropriately deal with the cause of the subject matter of the complaint; and
- (c) The Owner shall complete and retain on-site a report written within one (1) week of the complaint date, listing the actions taken to appropriately deal with the cause of the subject matter of the complaint and any recommendations for remedial measures, and managerial or operational changes to reasonably avoid the recurrence of similar incidents .
- (d) The District Office shall be verbally notified forthwith of the complaint followed by a written report within seven (7) business days of the complaint date, listing the actions taken to resolve the complaint and any recommendations for remedial measures, and managerial or operational changes to reasonably avoid the reoccurrence of similar incidents.

22.0 Design and Operations Report

- 22.1 The Design and Operations Report, amended to Schedule "A" as Item (64) of Schedule "A" shall be retained at the Site and be available for inspection by Ministry staff. Changes to the Design and Operations Report shall be submitted to the Director for approval.

23.0 Site Liaison Committee

- 23.1 The Owner shall continue to support and participate in the Site Liaison Committee, formerly known as the Berm Liaison Committee, composed of representatives from the proponent, a representative from or designated by the Council of the Town of Whitby, a representative from or designated by the Council of the Regional Municipality of Durham, a representative from the Ministry, and members of the public. The public shall include up to three neighbours and/or members of Ratepayers' Associations nearby to the Owner, to provide comments and concerns with regard to the operation of the Site. The Committee shall serve as the focal point for public dissemination, review and exchange of information relevant to municipal and local concerns on the operation of the Landfill.
- 23.2 The initial Committee shall be a continuation of the existing Committee and shall operate under the Terms of Reference attached in Schedule "C".
- 23.3 Copies of the protocols and any subsequent amendment to the Terms of Reference shall be provided by the Owner for the Public Record.
- 23.4 The Owner shall provide for the administrative costs of establishing and operating the

Committee, including the cost of meeting places and reasonable clerical services to include preparation and distribution of minutes of meetings, reports, and other relevant information to all members of the Committee.

- 23.5 The Owner shall report, on an annual basis, the results of their review of the feasibility of recovering more material from the automobile shredder by-product. Results of the investigation shall be included in the annual monitoring report referred to in condition 49.1.

OPERATIONS - LANDFILL

24.0 Landfill Fill Rate

- 24.1 No more than 230,000 tonnes of Shredder Residue per year shall be disposed of in the Landfill.

25.0 Landfill Capacity

- 25.1 The total waste disposal volume of the Landfill, including the Demonstration Berm, Expansion Cells, Storage Berm and cells PC1 through PC6, excluding final cover, is the air space defined by the base contours and final contours, less the thickness of the leachate collection layer and final cover layer, as shown in Item (52) of Schedule "A".
- 25.2 The volume of the landfill, excluding final cover shall not exceed 6,400,000 cubic metres, as described in section 3.4 of the Design and Operations Report.

26.0 Landfill Reclamation

- 26.1 Landfill reclamation may take place at the Site in accordance with section 5.4 of the Design and Operations Report, section 8 of Item (45) of Schedule "A" (relevant conditions attached to this ECA as Schedule "E") and the following sub-conditions:

From Existing Disposal Areas:

- 26.1.1 The Owner may conduct a one-time reclamation of the Demonstration Berm, Storage Berm and cells PC1 through PC6 at the Site for reuse or recycling into a saleable product.

From the Expansion Cells:

- 26.1.2 The Owner may conduct recurring reclamation of the Expansion Cells for reuse or recycling into a saleable or otherwise useful product.

- 26.2 The Owner may not reclaim Shredder Residue for the purposes of transferring waste to another final disposal site or any other reason not considered by the Director.
- 26.3 Prior to the commencement of any reclamation operations, the Owner shall submit an application to the Director, for approval, that details the following:

- (i) Length of time the reclamation project will occur;
- (ii) Areas in which Shredder Residue will be reclaimed;
- (iii) Operational details;
- (iv) Destination of reclaimed material;
- (v) Proposed end use of reclaimed Shredder Residue;
- (vi) Nuisance contingency plans and enhanced complaint response procedures; and
- (vii) Amount of Shredder Residue to be reclaimed.

26.4 Reclamation shall not occur until approval is granted by the Director in the form of a notice of amendment to this ECA.

26.5 Upon completion of any approved reclamation, the Owner is approved to reuse site capacity and refill to final contours without the need for a site expansion approval.

27.0 Shredder Residue Placement

27.1 No Shredder Residue shall be landfilled outside the limits of landfilling as shown in Item (52) of Schedule "A".

27.2 No Shredder Residue shall be landfilled below the base contours shown in Drawing no. 3 in the Design and Operations Report.

27.3 No Shredder Residue shall be landfilled at any time above the final contours shown in Item (52) of Schedule "A".

28.0 Landfilling

28.1 Landfilling operations shall be conducted in accordance with Section 5.1 in the Design and Operations Report.

29.0 Leachate Management System

29.1 The Owner shall construct, operate, expand and maintain the leachate management system, including piping, pumps and pre-treatment pond(s) during the Landfill's expansion and development.

29.2 The leachate collection system piping at the Site shall be flushed annually and inspected for clogging and other issues via closed circuit television as required.

29.3 Assessment of the need to amend the cleaning frequency shall be based on regular inspections of the leachate collection system and monitoring results.

29.4 Steel slag aggregate may be used in place of clear stone as part of the construction of the Landfill's leachate collection system in accordance with the information and specifications detailed in Item (55) of Schedule "A"

30.0 Leachate Treatment

- 30.1 The Owner shall have a formal written agreement in place for the treatment of leachate to be generated at the Site at an approved facility.
- 30.2 Within (10) days of the establishment of an agreement in accordance with condition 30.1, the Owner shall provide a copy of the agreement to the Director and to the District Manager. The Director and District Manager shall be provided reasonable notice of at least thirty (30) days in advance of the termination of the agreement.

31.0 Alternative Landfill Base Liner

- 31.1 Alternative landfill base liner consisting of Geosynthetic Clay Liner (GCL) overlain with 40 mil HDPE liner and 300 mm recompacted native soil, in accordance with Items 61 and 62 in Schedule "A", is hereby approved to replace the recompacted native soil liner for future development in Cells A, B, C, D and E.
- 31.2 According to Item 62 of Schedule "A", if the GCL is demonstrated to be chemically compatible with the leachate from the landfill, the Owner may use GCL overlain with 300 mm recompacted native soil as alternative landfill base liner, provided that the test result is submitted and accepted by the Director.

OPERATIONS - TEMPORARY WASTE STORAGE AREA

32.0 Design and Operation

- 32.1 The TWSA shall be operated and maintained in accordance with Items (40), (41), (42), (56), (57) and (64) of Schedule "A" and in accordance with the following sub-conditions:

Liner

- 32.1.1 The base of the liner of the TWSA shall consist of existing slag material graded as shown on Item 41 in Schedule A in areas where slag is currently in place.
- 32.1.2 Where slag is not in place in the TWSA, the base of the liner shall be constructed by removing topsoil and unsuitable native material as described in Item 41 in Schedule A. The base of the liner shall be compacted to a minimum of 95% Standard Proctor Density.
- 32.1.3 The TWSA liner shall be comprised of 500 mm of compacted native soils, a geotextile separation layer and a 300 mm granular drainage layer graded to promote the direction of leachate towards a sump area.

33.0 Berm

33.1 A three to four metre perimeter berm shall be constructed around the TWSA and shall be keyed a minimum of 0.6 metres into the underlying soil liner.

34.0 Dimensions and Capacity

34.1 The TWSA shall not exceed an area of 32,000 square metres.

33.2 The TWSA shall not exceed a height of 103 metres above sea level.

34.3 The volumetric capacity of the TWSA shall not exceed 350,000 cubic metres of Shredder Residue.

35.0 Fill Rate

35.1 No more than 25,000 tonnes of Shredder Residue per year shall be placed in the TWSA.

35.2 The Owner shall ensure, that at the end of each calendar year, the amount of waste in the TWSA has been reduced by a minimum of 20,000 tonnes.

35.3 The Owner shall ensure that by December 31, 2024, the amount of waste in the TWSA has been reduced by a minimum of 162,500 tonnes since January 1, 2020.

35.4 After December 31, 2024, the Owner shall ensure that amount of waste in the TWSA is reduced by a minimum of 32,500 tonnes every calendar year.

36.0 Operation

36.1 Operation of the TWSA shall be conducted in a manner that minimizes all potential impacts and nuisances related to odour, dust, litter and traffic.

36.1.1 To limit the potential for dust impacts, the Owner shall operate the TWSA while undertaking the following mitigative measures:

36.1.2 The vegetative screening in the landfill buffer area and perimeter berms shall be maintained;

36.1.3 Site roads shall be sprayed with water or approved dust suppressants as necessary;

36.1.4 Stockpiles shall be seeded, vegetated or tarped if necessary;

36.1.5 On-site vehicle speeds shall be limited to 25 km/h; and

36.1.6 Earthworks shall be minimized during periods of high winds.

36.2 Weekly inspections of the TWSA shall be conducted by a qualified staff member or

representative to ensure satisfactory and compliant TWSA operation including but not limited to all operations related to waste handling, waste compaction, waste storage, waste transport and leachate and stormwater management.

OPERATIONS - STORMWATER MANAGEMENT WORKS

37.0 Effluent Limits

37.1 The Owner shall design, construct and operate the Works such that the concentrations of the materials named below as effluent parameters are not exceeded in the effluent from the Works.

Table 1 - Effluent Limits	
Effluent Parameter	Concentration Limit (milligrams per litre unless otherwise indicated)
Column 1	Column 2
Total Suspended Solids	25
Oil and Grease	15
Turbidity	<80 NTU
Unionized Ammonia	0.02
Iron	<5.0
Phenols	1 ug/L
pH of the effluent maintained between 6.0 to 9.5, inclusive, at all times	

37.2 For the purposes of determining compliance with and enforcing condition 37.1:

37.2.1 non-compliance with respect to a Concentration Limit is deemed to have occurred when any single Grab Sample analysed for a parameter named in Column 1 of condition 37.1 is greater than the corresponding maximum concentration set out in Column 2 of condition 37.1;

37.2.2 non-compliance with respect to pH is deemed to have occurred when any single measurement is outside of the indicated range.

38.0 Visual Observations

38.1 Notwithstanding any other condition in this ECA, the Owner shall ensure that the stormwater from the Works is essentially free of floating and settleable solids and does not contain oil or any other substance in amounts sufficient to create a visible film, sheen or foam on the receiving waters.

39.0 Effluent Monitoring and Recording

39.1 The Owner shall, upon commencement of operation of the Works, carry out the following monitoring program:

39.1.1 All samples and measurements taken for the purposes of this ECA are to be taken at a time and in a location characteristic of the quality and quantity of the effluent stream over the time period being monitored.

39.1.2 Samples shall be collected and analysed at the following sampling points, at the sampling frequencies and using the sample type specified for each parameter listed:

Frequency	Prior to discharge
Sample Type	Grab Sample
Parameters	pH, Total Suspended Solids, Oil and Grease, Iron, Turbidity, Phenols and Un-ionized Ammonia

39.1.3 The methods and protocols for sampling, analysis, and recording shall conform, in order of precedence, to the methods and protocols specified in the following:

- (i) the Ministry's publication "Protocol for the Sampling and Analysis of Industrial/Municipal Wastewater" (August 1994), ISBN 0-7778-1880-9, as amended from time to time by more recently published editions;
- (ii) the publication "Standard Methods for the Examination of Water and Wastewater" (21st edition) as amended from time to time by more recently published editions; and
- (iii) in respect of any parameters not mentioned in (i) or (ii), the written approval of the District Manager, which approval shall be obtained prior to sampling.

39.1.4 The temperature and pH of the effluent from the Works shall be determined in the field at the time of sampling for total ammonia. The concentration of un-ionized ammonia shall be calculated using the total ammonia concentration, pH and temperature using the methodology stipulated in "Ontario's Provincial Water Quality Objectives" dated July

1994, as amended, for ammonia (un-ionized).

39.1.5 The measurement frequencies specified in condition 39.1.2 in respect of any parameter are minimum requirements which may, after six (6) months of monitoring in accordance with this condition, be modified by the District Manager in writing from time to time.

39.1.6 The Owner shall retain for a minimum of five (5) years from the date of their creation, all records and information related to or resulting from the monitoring activities required by this ECA.

40.0 Operation

40.1 The Owner shall ensure that the exit valve of ponds 2, 3 and 4 shall be closed at all times; the said valve may be opened only if the accumulated run-off does not exceed the effluent requirements as specified in Section 37.0.

40.2 The Owner shall ensure that maintenance requirements shall be determined and executed if necessary, and shall include, but not limited to the following:

- (i) dredging needs of the drainage collection system, and,
- (ii) cleaning and repair needs of the drainage ditches and piping.

40.3 The Owner shall ensure that erosion prevention measures are carried out which shall include, but not limited to the following:

- (i) regrading and capping of settled areas to maintain design contours; and,
- (ii) repairing of eroded areas.

41.0 Reporting

41.1 One week prior to the start up of the operation of the Works, the Owner shall notify the District Manager (in writing) of the pending start up date.

41.2 The Owner shall report to the District Manager or designate any non-compliance of any parameter specified in Section 37.0, verbally within one (1) day of the non-compliance and in writing within seven (7) days of the non-compliance.

SITE INSPECTIONS, MAINTENANCE AND RECORD KEEPING

42.0 Site Inspections and Maintenance

42.1 The Owner shall ensure that:

- (i) the Landfill, TWSA and Works has a written comprehensive inspection program which includes all aspects of this Landfill, TWSA and Works' operations;

- (ii) this Landfill, TWSA and Works is inspected daily by trained personnel for any litter, nuisances, deterioration or discharges and to ensure this Landfill, TWSA and Works is being operated in accordance with this ECA; and

42.2 For any deficiencies noted during inspections, the Owner shall:

- (i) forthwith initiate procedures to rectify the deficiency; and
- (ii) shall rectify the deficiency as soon as practical.

43.0 Record Keeping

43.1 All records required by the conditions of this ECA shall be kept in either written or electronic format in a manner which can be presented in a timely fashion to a Provincial Officer for inspection upon request.

43.2 The Owner shall ensure that daily waste records and Landfill, TWSA and Works inspection records are prepared, based on section 5.2.9 of the Design and Operations Report, and retained at the Site for at least five (5) years after they are made for inspection by the Ministry. The records shall include, but not be limited to, the following information:

- (i) quantity (tonnes) and disposal location (cell) of all Shredder Residue disposed of at the Landfill;
- (ii) quantity and disposal location (cell) of all Shredder Residue moved from the TWSA to the Landfill;
- (iii) Any complaints from the public received by the Owner and a description of the action taken by the Owner in response;
- (iv) The amount of any leachate removed, or treated and discharged from the Site;
- (v) Application of any dust suppressants;
- (vi) A record of the inspections of any control, treatment, disposal or monitoring facilities; and
- (vii) A description of any out-of-service period of any control, treatment, disposal or monitoring facilities, the reasons for the loss of service, and action taken to restore and maintain service.
- (viii) volume (cubic metres) and original location of Shredder Residue reclaimed, if any; and
- (ix) destination of any reclaimed Shredder Residue shipped from the Site, if any.

43.3 Any information requested, by the Director or a Provincial Officer, concerning the Landfill, TWSA and Works and its operation under this ECA, including but not limited to any records required to be kept by this ECA shall be provided to the Ministry, upon request.

43.4 The Owner shall maintain a record of all emergency situations at the Landfill, TWSA and Works. This record shall include, as a minimum, the following information:

- (i) type of the emergency situation and the resulting environmental impact if any;
- (ii) date, time, location and cause of the emergency situation;

- (iii) actions taken to address any resulting impact;
- (iv) description of how any waste generated as a result of the emergency situation was stored and/or removed from the Site; and
- (v) actions taken to prevent the re-occurrence of a similar emergency situation in the future.

43.5 The Owner shall maintain a record of the Landfill, TWSA and Works inspections as required by condition 42.1. This record shall include, as a minimum, the following information:

- (i) name and signature of trained personnel conducting the inspection;
- (ii) date and time of the inspection;
- (iii) list of equipment and areas inspected;
- (iv) a list of all deficiencies observed; and
- (v) date when repair procedure is initiated, a description of the repair and completion.

EMERGENCY RESPONSE AND CONTINGENCY MEASURES

44.0 Emergency Response and Reporting

44.1 An emergency response plan shall be developed and maintained at the Site. The emergency response plan shall include, as a minimum, the following:

- (i) list of emergency phone numbers for the local Ministry office, Ministry's Spill Action Centre and local fire department;
- (ii) measures to prevent fires;
- (iii) a list of available fire fighting equipment;
- (iv) measures for spill/fire alerting, containment, clean-up, treatment and disposal;
- (v) maintenance and testing program for spill/fire related equipment;
- (vi) training of Site operators; and
- (vii) Site plan.

44.2 Up-to-date copies of the contingency plan and emergency response plan shall be kept on Site in a central location available to all staff and for inspection by a Provincial Officer. A copy of this plan shall also be submitted to the District Manager for reference.

44.3 All equipment and materials outlined in the emergency response plan shall be kept in a good state of repair, fully operational and immediately available for use; and

44.4 All Site personnel shall be fully trained in emergency response equipment and materials' use and in the procedures to be employed in the event of an emergency.

44.5 The emergency response plan shall be reviewed on an annual basis as a minimum. Specifically, the Owner shall ensure that the contact names and telephone numbers required by condition 44.1 are up-to-date.

- 44.6 All spills, as defined in the EPA and Ontario Regulation 675/98, shall be immediately reported to the Ministry's Spill Action Centre at 1-800-268-6060 and shall be recorded in a written log or an electronic file format, as to the nature of the spill, and action taken for clean-up, correction and prevention of future occurrences.
- 44.7 In addition to the obligations under Part X of the EPA and in condition 44.6, the Owner shall, within ten (10) working days of the occurrence of any reportable spill, bypass or loss of any product, by-product, intermediate product, oil, solvent, waste material or any other polluting substance into the environment, submit a full written report of the occurrence to the District Manager describing the cause and discovery of the spill or loss, clean-up and recovery measures taken, preventative measures to be taken and schedule of implementation.

ENVIRONMENTAL MONITORING

45.0 Environmental Monitoring Program

- 45.1 The Owner shall carry out monitoring programs for groundwater, surface water, leachate and landfill gas, as described in section 7 in the Design and Operations Report and with Item 48 of Schedule "A" attached to this ECA, and more specifically, Schedule "D", attached to this ECA.
- 45.2 Any proposed changes to the monitoring programs shall be approved in advance by the Director via an amendment to this ECA.
- 45.3 The Owner shall ensure that all groundwater monitoring wells which form part of the monitoring program are to be properly capped, locked and protected from damage.
- 45.4 Any groundwater monitoring wells included in the ongoing monitoring program that are damaged shall be assessed, repaired, replaced or decommissioned by the Owner, as required.
- 45.5 The Owner shall repair or replace any monitoring well which is destroyed or in any way made to be inoperable for sampling such that no more than one regular sampling event is missed.
- 45.6 All monitoring wells which are no longer required as part of the groundwater monitoring program, and have been approved by the Director for abandonment, shall be decommissioned by the Owner, in accordance with Reg. 903. A report on the decommissioning of the well shall be included in the annual monitoring report for the period during which the well was decommissioned.

LANDFILL TRIGGER CRITERIA AND CONTINGENCY PLANS

46.0 Trigger Mechanisms and Contingency Plans

- 46.1 In the event of unexpected but possible exceedance of a site specific trigger level relating to groundwater or surface water impacts due to leachate, the Owner shall immediately notify the

District Manager, and an investigation into the cause and the need for implementation of remedial or contingency actions shall be carried out by the Owner in accordance with the trigger mechanisms and associated contingency plans established in sections 5.6 and 6.4 of Item 48 of Schedule "A" attached to this ECA or as updated and amended from time to time.

- 46.2 Any proposed changes to the site specific trigger levels for groundwater and surface water impacts shall be approved in advance by the Director via an amendment to this ECA.
- 46.3 If monitoring results, investigative activities and implementation criteria indicate the need to implement contingency measures, the Owner shall ensure that the following steps are taken:
- (i) The Director and District Manager shall be notified of the need to implement contingency measures;
 - (ii) Detailed plans, specifications and descriptions for the design, operation and maintenance of the contingency measures shall be prepared and submitted to the Director and District Manager; and
 - (iii) The contingency measures shall be implemented upon approval by the Director.

LANDFILL CLOSURE

47.0 Landfill Closure Plan

- 47.1 At least two (2) years prior to the anticipated date of closure of this Landfill or the date 90 per cent of the total waste disposal volume of the Landfill is reached, whichever occurs first, the Owner shall submit to the Director for approval, with copies to the District Manager and the Site Liaison Committee, a detailed landfill closure plan pertaining to the termination of landfilling operations at this Site, post-closure inspection, maintenance and monitoring, and end use, based on Section 8.0 in the Design and Operations Report. The plan shall include the following:
- (i) A plan showing Landfill appearance after closure;
 - (ii) A description of the proposed end use of the Landfill;
 - (iii) Descriptions of the procedures for closure of the Landfill, including:
 - (a) Advance notification of the public of the Landfill closure;
 - (b) Completion, inspection and maintenance of the final cover and landscaping;
 - (c) Site security;
 - (d) Removal of unnecessary structures, buildings and facilities; and
 - (e) Final construction of any control, treatment, disposal and monitoring facilities for leachate, groundwater, surface water and landfill gas.
 - (iv) Descriptions of the procedures for post-closure care of the Landfill, including:
 - (a) Operation, inspection and maintenance of the control, treatment, disposal and monitoring facilities for leachate, groundwater, surface water and landfill gas;
 - (b) Record keeping and reporting; and
 - (c) Complaint contact and response procedures.
 - (v) An assessment of the adequacy of and need to implement the contingency plans for leachate and landfill gas;

- (vi) An updated estimate of the contaminating life span of the Landfill, based on the results of the monitoring programs to date; and
- (vii) An update of the cost estimates for financial assurance and the amount which has been provided to the Director to date.

48.0 TWSA Closure and Closure Plan

- 48.1 All waste in the TWSA must be removed from the TWSA for final disposal by no later than **December 31, 2029**.
- 48.2 Once all waste is removed, the Owner shall decommission the TWSA in accordance with Item (59) of Schedule "A".

ANNUAL REPORTING

49.0 Annual Report

- 49.1 The Owner shall prepare an annual report on the development, operations and monitoring of the Site, based on Section 5.2.9 in the Design and Operations Report. The report shall be submitted to the Regional Director, the District Manager and the Site Liaison Committee, on April 30th of each year, and shall cover the twelve (12) month period (calendar year) preceding. The report shall include the following:
 - (i) The results and an interpretive analysis of the results of all leachate, groundwater, surface water and landfill gas monitoring;
 - (ii) A comparison of surface water monitoring data to the effluent limits outlined in Condition 37.0 of this ECA, including an overview of the success and adequacy of the Works;
 - (iii) A summary of all maintenance carried out on any major structure, equipment, apparatus, mechanism or thing forming part of the Works;
 - (iv) A summary of any effluent quality assurance or control measures undertaken in the reporting period;
 - (v) A summary of the calibration and maintenance carried out on all effluent monitoring equipment.
 - (vi) Determination of background water quality using methods detailed in Reg. 232/98.
 - (vii) An assessment of the operation and performance of all engineered facilities, the need to amend the design or operation of the Landfill, and the adequacy of and need to implement the contingency plans;
 - (viii) Site plans showing the existing contours of the Landfill and TWSA; areas of landfilling operations during the reporting period; areas of intended operation during the next reporting period; areas of excavation and reclamation during the reporting period; the progress of final cover, vegetative cover, and any intermediate cover application; previously existing site facilities; facilities installed during the reporting period; and site preparations and facilities planned for installation during the next reporting period;
 - (ix) Calculations of the volume of Shredder Residue, daily and intermediate cover, if any, and final cover deposited or placed at the Landfill during the reporting period and a

- calculation of the total volume of Landfill capacity used during the reporting period;
- (x) A calculation of the remaining capacity of the Landfill and an estimate of the remaining Landfill life;
- (xi) A summary of the quantity of any leachate or pre-treated leachate removed from the Site or leachate treated and discharged from the Site monthly;
- (xii) Leachate quality and quantity data as required in accordance with the owner's sewer use agreement;
- (xiii) Identification and explanation of any exceedances to the Owner's sewer use criteria due to leachate contributions and measures necessary to respond to the exceedances;
- (xiv) A summary of the monthly and total annual quantity (tonnes) of Shredder Residue disposed of at the Landfill and TWSA;
- (xv) A summary of the monthly and total annual quantity (tonnes) of Shredder Residue reclaimed at the Landfill;
- (xvi) Total monthly quantities of Shredder Residue received by the TWSA for temporary storage;
- (xvii) Disposal amount and location of any Shredder Residue moved from the TWSA;
- (xviii) A summary of any public complaints received as a result of any Landfill, TWSA and Works operation by the Owner and the responses made;
- (xix) A discussion of any operational problems encountered at the Landfill, TWSA and Works and corrective action taken;
- (xx) A descriptive summary of any spills, incidents or other emergency situations which have occurred at the Landfill, TWSA and Works, any remedial measures taken, and the measures taken to prevent future occurrences;
- (xxi) An update summary of the amount of financial assurance which has been provided to the Director; and
- (xxii) Any changes to the emergency response, contingency plans or the operations manual since the last annual report;
- (xxiii) Precipitation data covering the reporting period;
- (xxiv) Any recommendations for improvement to the Landfill, TWSA and Works operations and monitoring programs;
- (xxv) A summary of any studies or activities which have been undertaken during the previous year with respect to further recycling, recovery, or reduction in the volume of Shredder Residue in the Landfill; and
- (xxvi) Any other information with respect to the Landfill, TWSA and Works which the Regional Director may require from time to time.

SCHEDULE "A"

Supporting Documentation

This Schedule "A" forms part of the Provisional Certificate of Approval No. A 390510.

1. Application for a Certificate of Approval for a Waste Disposal Site (Landfill) by C.M. Holt, LASCO, dated September 30, 1992.
2. Document entitled "Environmental Assessment - Automobile Shredder By-Product Landfill by LASCO dated December 1991.
3. Letter from Robert Mason, AACI, Central Ontario Appraisals to Mr. D.J. Sims, QC, Sims, Brady and McMackin dated May 12, 1989.
4. Document entitled "Air Quality Impact Assessment For The Proposed Berm At LASCO" by Concord Scientific Corporation dated January 1990.
5. Document entitled "Storm Water Management Plan For The Proposed Shredder By-Product Landscaped Berm" by Totten Sims Hubicki Associates dated May 1990.
6. Document entitled "Landscape Inventory/Analysis And Berm Design Forming Part Of An Environmental Assessment" by Henry Kortekaas & Associates Inc., dated May 1990.
7. Document entitled "LASCO Berm Gas Emissions" by Concord Scientific Corporation dated June 1990.
8. Document entitled "Assessment Of The Aquatic Environment Adjacent To The LASCO Steel Plant And Projected Impact From Car Shredder By-Product Leachate" by Limnos Ltd., dated July 1990.
9. Document entitled "Response To Peer Review LASCO Hydrogeology Study And Environmental Assessment Proposed Car Shredder Berm" by Terraprobe Ltd., dated May 1991.
10. Document entitled "Design and Operations Report Proposed LASCO Shredder By-Product Landfill Whitby, Ontario" by Terraprobe Ltd., dated September 1992.
11. Document entitled "Supplementary Report On Financial Assurance Environmental Assessment Automobile Shredder By-Product Berm" by Totten Sims Hubicki Associates dated September 1992.
12. Document entitled "Hydrogeologic Study Proposed Shredder By-Product Landfill" by Terraprobe Ltd., dated November 1992.
13. Document entitled "Appendices - Hydrogeologic Study Proposed Shredder By-Product Landfill"

by Terraprobe Ltd., dated November 1992.

14. Document entitled "LASCO's Proposed On-Site Automobile Shredder By-Product Landfill (Berm) - Final Social Impact Assessment Report" by IER Planning, Research & Management Services dated December 1992.
15. Document entitled "Storm Water Management Plan For The Proposed Shredder By-Product Landscaped Berm" by Totten Sims Hubicki Associates dated December 1992.
16. Document entitled "Response to Ministry's Comments - Co-Steel LASCO Environmental Assessment" by Terraprobe Ltd., dated September 1993.
17. Letter from Paul Bowen, P.Eng., Terraprobe Ltd., to Mr. Paul Nieweglowski, Waste Management Hydrogeologist, Ministry of Environment and Energy, dated June 24, 1994.
18. Figures 3, 5A, 5B, 8, 9A and 9B by Totten Sims Hubicki Associates dated March 1994 submitted with the letter identified in item 17 of Schedule "A".
19. Letter, Schedule "A" and attached Figures 1, 2, 3, 11 and 13 from C.M. Holt, Co-Steel LASCO, to Ms. Theresa Gavin, Environmental Assessment Branch, Ministry of Environment and Energy dated March 30, 1993 requesting the definition of the undertaking be changed to include the existing demonstration berm and storage facilities.
20. Application for a Waste Disposal Site (Transfer Station) dated October 25, 1989.
21. "Design and Operations Report, Proposed Automobile Shredder Waste Temporary Storage Facility, Industrial Metals, Whitby, Ontario" December 1989.
22. Letter from Lake Ontario Steel Company Ltd., Mr. J.R. McCormack, Executive Vice President, Raw Materials to P. Hughes, dated December 7, 1989.
23. "Report on Public Consultation" - Institute of Environmental Research (1985) Inc., November, 1989.
24. Tender invitation to waste disposal, October 18, 1989.
25. "The Effect of the Shredder Operation on the Future of Lake Ontario Steel," Robert Shnay and Associates Ltd., November 24, 1989.
26. "LASCO Demonstration Berm - Summary of Leachate Chemistry," Terraprobe Limited, December 15, 1989.
27. Copy of Totten Sims Hubicki Associates, Drawing F1, F2, Firemain Construction, February 1990.
28. Copy of Industrial Metals Berm Construction Fire Prevention Awareness Program.

29. Letter from Mr. R. Deeth "Re: Fire Protection to Temporary Waste Disposal Site," February 19, 1990.
30. Letter to Mr. J. Merritt, Regional Director from LASCO, dated September 9, 1991, requesting amendment to the Certificate of Approval to allow for a fourth cell.
31. Report from Terraprobe Limited entitled "Design and Operations Report Extension to Proposed Automobile Shredder Waste Temporary Storage Facility, Industrial Metals, Whitby, Ontario", dated September 1991.
32. Letter from Terraprobe Limited to Catherine Crimi, dated December 19, 1992, in response to her letter of December 6, 1991, clarifying points of concern expressed by the Ministry of the Environment.
33. Report entitled "Design and Operations Report - Extension to Cell 'D' of Automobile Shredder Waste Storage Facility" prepared by Terraprobe Limited and dated February, 1993.
34. Application for a Certificate of Approval for a Waste Disposal Site (Transfer) dated February 23, 1993 and signed by Charles Holt, Vice- President, Raw Materials, LASCO.
35. Application for Approval of Industrial Sewage Works signed by Mr. Dave Camozzi, Manager, Lake Ontario Steel Company, a Division of Co-Steel Inc., dated July 25, 1994 and all supporting information.
36. Application for Approval of a Waste Disposal Site, signed by Tomasz B. Wesolowski, Co-Steel LASCO Inc. and dated January 7, 1998.
37. Report entitled "Application for Amendment to Existing Certificate of Approval Co-Steel LASCO Shredder By-Product Landfill", dated December 22, 1997, prepared by Terraprobe Limited.
38. Report entitled "*Shredder By-Product Landfill, 1997 Annual Monitoring Report* ", dated March 1998, prepared by Terraprobe Limited.
39. Application for Approval of Industrial Sewage Works signed by Adrienne Reader, Process Engineering, Gerdau Ameristeel Corporation, dated May 7, 2010 and all supporting information.
40. Application for a Provisional Certificate of Approval for a Waste Disposal Site signed by Paul Graham, Gerdau Ameristeel Corporation dated April 12, 2011, including all attached supporting information.
41. Document entitled "*Gerdau Ameristeel Recycling Shredder By-product Residue Landfill, Interim Design and operations Report, Temporary Storage of Shredder Residue Whitby Facility* ", prepared by Urban and Environmental Management Inc., dated April 2011, including all attached drawings, figures and appendices.

42. Letter dated June 17, 2011 to Mr. David Lee, P. Eng., Senior Review Engineer, Environmental Assessment and Approvals Branch, Ministry of the Environment, from Joe Ovcjak, P. Eng., Vice President Waste Management Engineering, Urban and Environmental Management Inc. providing additional information on TWSA design, financial assurance and site contingencies.
43. E-mail dated July 4, 2012 to Mr. David Lee, P. Eng., Senior Review Engineer, Environmental Assessment and Approvals Branch, Ministry of the Environment, from Joe Ovcjak, P. Eng., Vice President Waste Management Engineering, Urban and Environmental Management Inc. providing comments on the draft notice and amendment and additional information on financial assurance.
44. Document entitled "*Gerdau Ameristeel: Recycling Environmental Assessment* " dated June 2012 prepared by Gerdau Ameristeel.
45. Environmental Assessment Notice of Approval dated March 6, 2013.
46. Environmental Compliance Approval Application submitted by Paul Graham, Environmental Manager, Gerdau Ameristeel Corporation dated January 25, 2013 and all supporting information.
47. Document entitled "*Gerdau Ameristeel Recycling Shredder By-product Residue Landfill: Design and Operations Report* " dated January 2013 and prepared by Urban & Environmental Management Inc. including all attached drawings, schedules and appendices.
48. Document entitled "*Hydrogeological Assessment for a Landfill Expansion* " dated March 2012, revised November 2012, prepared for Gerdau Ameristeel Recycling and prepared by SPL Beatty.
49. Financial Assurance Proposal dated May 8, 2013 prepared by Joe Ovcjak, P., Eng., Urban and Environmental Management Inc.
50. Drawing no. 20 entitled "Proposed Monitoring Locations" revised July 24, 2013, and prepared by SPL Beatty Limited.
51. Drawing package entitled "Gerdau Expansion: Proposed Landfill Expansion" prepared by UEM Inc. plotted June 10, 2013.
52. Drawing no. 4C entitled "Proposed Final Contours" dated July 5, 2013 and prepared by UEM Inc.
53. Document entitled "Gerdau Landfill Expansion Phase I Construction" dated July 10, 2013, submitted by UEM Inc.
54. E-mail dated July 26, 2013, from Paul Graham, Environmental Manager, Metallics Raw Materials, Gerdau Ameristeel Corporation to Parsa Pezeshkpour and David Lee, Ministry of the Environment, providing details into new well locations and revised monitoring program.

55. Application for an Environmental Compliance Approval dated September 5, 2013, and signed by Paul Graham, Environmental Manager, Gerdau Ameristeel Corporation including all attached supporting information and documentation.
56. Application for a Environmental Compliance Approval dated January 13, 2013, signed by Paul Graham, Environmental Manager, Gerdau Ameristeel Corporation and includes all supporting documentation, drawings and appendices.
57. Report entitled "Gerdau Ameristeel Recycling Shredder By-product Residue Landfill: Proposed Final Contour Modification Temporary Waste Storage Area (TWSA) Whitby Facility" dated January 2014 and prepared by Urban and Environmental Management Inc.
58. Report entitled "Application to Amend ECA A390510: Gerdau (Whitby) Landfill Site" dated July 4, 2014 and prepared by Urban & Environmental Management Inc. including all attached documents, appendices, figures and drawings.
59. Report entitled "Temporary Waste Storage Area (TWSA) Closure Plan, ECA No. A390510" dated July 4, 2014 and prepared by Urban & Environmental Management Inc.
60. Report entitled "Gerdau Landfill Site: Certification of Cell B Construction" dated November 11, 2015 and prepared by WSP Canada Inc. including all attached documents, appendices, figures and drawings.
61. Environmental Compliance Approval Application signed by Phil Revington, Gerdau Ameristeel Corporation dated September 12, 2017, and the supporting document entitled "Shredder By-product Residue Landfill Proposed Geosynthetic Liner for Future Landfill Cells" dated September 2017 prepared by WSP.
62. Letter dated February 12, 2018 addressed to Rick Li, Ministry of the Environment and Climate Change from Paul Mulholland, WSP providing a response to the Ministry's review comments on the GCL liner design.
63. Environmental Compliance Approval Application signed by Phil Revington, Gerdau Ameristeel Corporation dated July 12, 2019, including all attached supporting documentation.
64. Document entitled "*Gerdau Ameristeel Recycling Shredder By-product Residue Landfill: Design and Operations Report- Revision 1* " dated June 2019 and prepared by WSP Canada Inc. including all attached drawings, schedules and appendices.

SCHEDULE "B"

FINANCIAL ASSURANCE

<i>Year</i>	<i>Total FA Fund Balance</i>
2019	\$16,132,471
2020	\$16,590,136
2021	\$17,047,802
2022	\$17,505,467
2023	\$17,963,132
2024	\$18,420,797
2025	\$18,878,462
2026	\$19,336,127
2027	\$19,793,792
2028	\$20,438,504
2029	\$21,141,169
2030	\$21,843,835
2031	\$22,546,500
2032	\$23,249,165
2033	\$23,951,830
2034	\$24,654,495
2035	\$25,357,166
2036	\$26,059,842
2037	\$26,762,524
2038	\$27,465,212
2039	\$28,167,905
2040	\$28,870,604
2041	\$29,573,308
2042	\$30,276,018
2043	\$30,978,734
2044	\$31,681,455
2045	\$32,384,182
2046 (expected closure year)	\$32,451,885

SCHEDULE "C"

SITE LIAISON COMMITTEE - Terms of Reference

1. Objective and Mandate

The objective of the Site Liaison Committee is to disseminate, review and exchange information of the operation of the automobile shredder by-product landfill.

An important focus of the Committee's work will be the annual reports submitted by the Owner. These reports will deal with the following:

- (i) Environmental monitoring;
- (ii) Compliance with the terms and conditions of approval;
- (iii) Updates on Site life projections; and
- (iv) a review of the feasibility of enhanced material recovery from the Shredder Residue.

The objective and mandate of the Committee are consistent with the Environmental Assessment Act Terms and Conditions of Approval determined by the Ministry (May 4, 1994). Any subsequent changes must be approved by the Regional Director.

2. Structure

The Committee will be composed of representatives of the following parties:

- (i) the Owner;
- (ii) the Town of Whitby;
- (iii) the Regional Municipality of Durham
- (iv) local residents and/or ratepayer groups (up to three individuals and their designated alternates); and
- (v) the Ministry.

Changes in the composition of the Committee may be made by amendment to the Terms of Reference, subject to the approval of the Regional Director.

3. Chairperson

An independent, third-party chairperson will be responsible for facilitating Committee meetings.

4. Meeting Frequency

The Committee shall meet, at a minimum, once a year to review and discuss the annual report. Additional meetings may be held at the request of Committee members in response to unforeseen circumstances, at the discretion of the Chair.

5. Administration

The Owner shall be responsible for:

- (i) the provision of meeting facilities;
- (ii) notification of meeting and release of consultant reports;
- (iii) preparation of meeting minutes; and
- (iv) the reproduction and distribution of meeting agendas/minutes and other documentation.

6. Access to Consultant's Reports

The Committee shall have access to the final version of all consultants reports relating to the Site, and will be informed in writing of all such documents within 30 days of their completion. At the discretion of the Owner, reports may be directly distributed to Committee members. In other cases, Committee members will receive a copy on request following notification (as described above) by the Owner.

7. Amendments to the Terms of Reference

The Owner or any member of the Committee may submit proposed amendments to the Terms of Reference to the Regional Director, who may approve or amend and approve them.

SCHEDULE "D"

ENVIRONMENTAL MONITORING PROGRAM

Table 1 - Groundwater Monitoring Plan

Location	Wells	Parameters	Frequency
West side of existing landfill	W2* BH19-1,2* MW3-7,11,15 MW4,5,11,19 W1-5,11,20 MW10-5,8,16	Lab: RUG Contaminants of Concern ² , General Chemistry ³ , Selected Metals ⁵ , BTEX ⁶ Field: Water levels ⁷ , pH, electrical conductivity, temperature	Semi-annual (Spring and Autumn) *Annual
South side of existing and expanded landfill	BHA-1,2,3* BHB-1,2,3* BHC-1,2,3* BH2-1,2,3 BH5-1,2,R3* BH6-R1,2,3* MW1-5,10,23 MW2-5,10,18 MW6-11,17,23 MW7-7,14,21 MW8-6,11,24 MW9-6,14,22	Lab: RUG Contaminants of Concern ² , General Chemistry ³ , Physical Parameters ⁴ , Selected Metals ⁵ , BTEX ⁶ Field: Water levels ⁷ , pH, electrical conductivity, temperature	Semi-annual (Spring and Autumn) *Annual
East side of existing and expanded landfill	BH21-1,2,3 BH22-1,2,3 BH23-1,2,3 BH24-1,2,3 MW5-9,14,28	Lab: RUG Contaminants of Concern ² , General Chemistry ³ , Selected Metals ⁵ , BTEX ⁶ Field: Water levels ⁷ , pH, electrical conductivity, temperature	Semi-annual (Spring and Autumn)
North side of expanded landfill and upgradient west side of property	BH3-1,2,3 MW11-6,14,20	Lab: RUG Contaminants of Concern ² , General Chemistry ³ , Selected Metals ⁵ , BTEX ⁶ Field: Water levels, pH, electrical conductivity, temperature	Semi-annual (Spring and Autumn)

Notes : ¹[Removed]

²RUG Comtaminants of Concern include chloride, sodium, boron, phenols and BOD₅ (to be refined after full characterization of leachate is completed)

³General Chemistry includes, as a minimum, major ions (calcium, potassium, magnesium, bromide, fluoride, nitrate, nitrite, sulphate) and selected surface water parameters i.e. total phosphorous and ammonia)

⁴Physical parameters includes pH and electrical conductivity

⁵Selected Metals includes, as a minimum, barium, chromium, lead, zinc, copper, manganese, aluminum, silver, beryllium, cadmium, molybdenum and nickel

⁶BTEX includes benzene, toluene, ethylbenzene and xylene

⁷Conducted semi-annually

Table 2 - Leachate Monitoring Plan

Location	Wells	Parameters ²	Frequency
West side of site	BW3*, LW1-18	Lab: RUG Contaminants of Concern ³ , General Chemistry, Physical Parameters, Selected Metals, BTEX Field: Water levels ⁴ , pH, electrical conductivity, temperature	Semi-annual (Spring and Autumn) *Annual
East and south sides of site	LW2-24, LW3-20	Lab: RUG Contaminants of Concern ³ , General Chemistry, Physical Parameters, Selected Metals, BTEX Field: Water levels ⁴ , pH, electrical conductivity, temperature	Semi-annual (Spring and Autumn)
Within cells A to E of expanded site	3 new wells recommended in Cell A, Cell C and Cell E ¹	Lab: RUG Contaminants of Concern ³ , General Chemistry, Selected Metals, BTEX Field: Water levels ⁴ , pH, electrical conductivity, temperature	Semi-annual (Spring and Autumn)

Notes : ¹[Removed]
²RUG Comtaminants of Concern, General Chemistry, Physical Parameters, Selected Metals and BTEX definitions are as detailed in Table 1 of this Schedule "D"
³Parameters to be refined following the full characterization analyses that will be completed on leachate samples under different seasonal scenarios.
⁴Conducted semi-annually

Table 3 - Landfill Gas Monitoring Plan

Location	Gas Probes	Field Parameter List	Frequency
South side of site	-GW-1, GW-2, GW-3, -GP-5, GP-6, GP-7	- % Methane - Soil/air pressure	Semi-annual (Summer and Winter)
East side of site	-GP-3, GP-4	- % Methane - Soil/air pressure	Semi-annual (Summer and Winter)
Within Landfill	-GP-1, GP-2 - New gas probe at each of the three new wells recommended in Cell A, Cell C and Cell E ¹	- % Methane - Soil/air pressure	Semi-annual (Summer and Winter)
<i>Note</i> : ¹ To be installed at locations shown in Figure 20 of Item (48) of Schedule "A" once cells have been built to final contours and capped;			

SCHEDULE "E"

Conditions from Environmental Assessment regarding Landfill Reclamation

- 8.1 Prior to undertaking any proposed landfill excavation and reclamation activities at the Site, the proponent must obtain all of the necessary approvals from the Ministry under Part II.1 of the Environmental Protection Act and implement the Project in accordance with those approvals. The Proponent shall also ensure that:
- a) the existing cells, as shown on Figure 1, are limited to a one time excavation and reclamation in order to ensure they continue to provide a visual barrier for the Site;
 - b) the approved expansion cells, as shown on Figure 2, are excavated and reclaimed continually only if it can be shown that there is a need for the material and that those materials can be recycled and reused;
- 8.2 For a minimum of 30 days prior to the submission of an application for approval under Part II.1 of the Environmental Protection Act for any proposed landfill excavation and reclamation activities at the Site, the Proponent shall notify and seek comment from the public and any interested stakeholders by:
- a) posting a copy of the ECA amendment application on the Proponent's website;
 - b) providing a copy of the ECA amendment application to the Clerk of the Town of Whitby and to the Clerk of Durham Region; and,
 - c) providing a copy of the ECA amendment application to the SLC, should one exist.
- 8.3 In addition to any other information that may be required, the Proponent shall include the following information in any application for approval that may be required under Part II.1 of the Environmental Protection Act:
- a) Details on the proposed end-use and destination of the waste requested to be reclaimed;
 - b) Duration of excavation and reclamation activities;
 - c) Details on how the Proponent will manage potential impacts from nuisances such as dust, noise, odour, litter, etc.
 - d) Details on the amount and volume of waste to be excavated;
 - e) Details on the location of waste to be excavated;
 - f) Details on the methods to be used to measure the amount of waste to be excavated;
 - g) Details on how comments from the public and/or stakeholders were considered, if any were received; and,
 - h) any other information the Director under Part II.I of the Environmental Protection Act deems necessary to ensure the activity does not cause any unacceptable adverse impacts to the environment.

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

1. *The reason for the Definitions section is to define the specific meaning of terms and simplify the wording of*

conditions in this ECA.

2. *The reason for the conditions in sections 1.0, 3.0, 4.0, 5.0, and 9.0 is to clarify the legal rights and responsibilities of the Owner and Operator under this ECA.*
3. *The reasons for section 2.0, 10.0, 13.0, 28.0, 32.0, 33.0 and 34.0, and condition 45.2 is to ensure that the waste disposal operations within the Site (Landfill and TWSA) are designed, operated, monitored and maintained 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.*
4. *The reasons for the conditions in Section 6.0 are to ensure that the Site is operated under the corporate name which appears on the application form submitted for this ECA, to ensure that the Director is informed of any changes and 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 ECA.*
5. *The reasons for the conditions in section 7.0 are to ensure that sufficient funds are available to the Ministry to close the Landfill, and to carry out all expected post-closure care activities and any contingencies. Failure to include requirements for financial assurance would not be in the public interest and may result in a hazard or nuisance to the natural environment or any person.*
6. *The reason for the conditions in section 8.0 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 ECA. This condition is supplementary to the powers of entry afforded a Provincial Officer pursuant to the EPA and OWRA.*
7. *The reason for the conditions in section 11.0 is to ensure the availability of as-built drawings for inspection and information purpose*
8. *The reason for the conditions in section 12.0 is to confirm that Site conditions are as expected and the Site has been prepared and constructed in accordance with the approved design.*
9. *The reason for the conditions in section 14.0, 24.0, 35.0, 41.0, 45.0 and 46.0 is to specify the approved areas from which waste may be accepted at the Landfill and TWSA and the types and amounts of waste that may be accepted for transfer, processing, composting or disposal at the Site, based on the Owner's application and Supporting Documentation.*
10. *The reason for the conditions in section 15.0 is to specify the normal hours of operation for the Site and a mechanism for amendment of the hours of operation.*
11. *The reason for conditions in section 16.0 is to specify site access to/from the Site and to ensure the controlled access and integrity of the Site by preventing unauthorized access when the Site is closed and no site attendant is on duty.*
12. *The reason for the conditions in section 17.0 is to ensure that the Site is supervised and operated by properly trained staff in a manner which does not result in a hazard or nuisance to the natural environment*

or any person.

13. *The reason for the conditions in section 18.0 is to ensure that staff at the Site are fully aware of important information and restrictions related to Site operations under this ECA and to provide contact information for members of the public who wish to log a complaint.*
14. *The reason for condition 19.1 is that open burning of municipal waste is unacceptable because of concerns with air emissions, smoke and other nuisance affects, and the potential fire hazard.*
15. *The reason for condition 19.2 is to ensure protection of public health and safety and minimization of the potential for damage to environmental control, monitoring and other works at the Site. Scavenging is the uncontrolled removal of material from waste at the Site.*
16. *The reason for the conditions in section 20.0 is to ensure that accurate waste records are maintained to ensure compliance with the conditions in this ECA (such as fill rate, site capacity, record keeping, annual reporting, and financial assurance requirements), the EPA and its regulations.*
17. *The reasons for the conditions in section 21.0 are to ensure that the Site is operated, inspected and maintained in an environmentally acceptable manner and does not result in a hazard or nuisance to the natural environment or any person and that any complaints regarding operations at this Site are responded to in a timely and efficient manner.*
18. *The reason for the conditions in section 23.0 is to ensure a forum is in place for the exchange of information and public dialogue on activities carried out at the landfill Site. Open communication with the public and local authorities is important in helping to maintain high standards for Site operation and environmental protection.*
19. *The reason for the conditions in sections 25.0 and 27.0 is to specify restrictions on the extent of landfilling at this Site based on the Owner's application and Supporting Documentation. These limits define the approved volumetric capacity of the Site. Approval to landfill beyond these limits would require an application with supporting documentation submitted to the Director.*
20. *The reason for the conditions in section 26.0 is to ensure that any Landfill reclamation that occurs at the Site be done 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.*
21. *The reason for the conditions in section 29.0 is to minimize the potential for clogging of leachate collection pipes and to ensure effective operation of the leachate collection system components for as long as they are required. Regular cleaning of these components on a regular basis may result in a decrease in their service lives. Regular cleaning of the leachate collection pipes is especially important during stages of landfilling when the level of both organic and inorganic constituents in the leachate is high and, consequently, the potential for clogging due to encrustation is greatest. As the landfill reaches the more stable methane producing stage, pipe cleaning may be required less frequently.*
22. *The reason for the conditions in section 30.0 is to ensure that an approved facility is available for long-term treatment of leachate generated at this Site.*

23. *The reason for Condition 31 is to approve the use of GCL liner instead of recompacted clay liner for the construction of landfill base in future cells provided that the GCL liner meets the permeability and chemical compatibility requirement.*
24. *The reason for the conditions in section 36.0 is to ensure that operation of the TWSA at the Site be done 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.*
25. *The reasons for the conditions in sections 37.0 through 40.0 is to require the Owner to demonstrate on a continual basis that the quality of the effluent from the Works is consistent with the effluent limits specified in the ECA and that the Works do not cause any impairment to the receiving watercourses.*
26. *The reasons for the conditions in section 42.0 and 43.0 are to ensure that detailed records of Site inspections are recorded and maintained for inspection and information purposes and to provide for the proper assessment of effectiveness and efficiency of site design and operation, their effect or relationship to any nuisance or environmental impacts, and the occurrence of any public complaints or concerns. Record keeping is necessary to determine compliance with this ECA, the EPA and its regulations.*
27. *The reason for the conditions in section 44.0 is to ensure that the Owner is prepared and properly equipped to take action in the event of an emergency.*
28. *The reason for the condition 45.1 is to demonstrate that the landfill site is performing as designed and the impacts on the natural environment are acceptable. Regular monitoring allows for the analysis of trends over time and ensures that there is an early warning of potential problems so that any necessary remedial/contingency action can be taken.*
29. *The reason for conditions 45.3 through 45.6 is to ensure protection of the natural environment and the integrity of the groundwater monitoring network.*
30. *The reason for the conditions in section 46.0 is to ensure that the Owner follows a plan with an organized set of procedures for identifying and responding to unexpected but possible problems at the Site. A remedial action/contingency plan is necessary to ensure protection of the natural environment. A leachate contingency plan is a specific requirement of Reg. 232/98.*
31. *The reasons for the conditions in sections 47.0 and 48.0 are to ensure the Ministry is notified of the cessation or closure of the TWSA and Landfill and to ensure the facilities are closed in an aesthetically pleasing manner, to ensure the long-term protection of the natural environment. The TWSA and Landfill shall be closed in accordance with an application and supporting documentation submitted by the Owner and approved by the Ministry, and not in a manner which the Director has not been asked to consider.*
32. *The reasons for the conditions 48.1 and 48.2 is to ensure the TWSA is closed in accordance with the application and supporting documentation submitted by the Owner and approved by the Ministry, and not in a manner which the Director has not been asked to consider.*
33. *The reason for the conditions in section 49.0 is to ensure that regular review of site development,*

operations and monitoring data is documented and any possible improvements to site design, operations or monitoring programs are identified. An annual report is an important tool used in reviewing site activities and for determining the effectiveness of site design.

34. *To grant the Owner approval to use steel slag aggregate in place of clear stone as part of the construction of the Landfill's leachate collection system.*

Upon issuance of the environmental compliance approval, I hereby revoke Approval No(s). A390510 issued on March 5, 2018.

In accordance with Section 139 of the Environmental Protection Act, you may by written Notice served upon me, the Environmental Review Tribunal and in accordance with Section 47 of the Environmental Bill of Rights, 1993, the Minister of the Environment, Conservation and Parks, within 15 days after receipt of this Notice, require a hearing by the Tribunal. The Minister of the Environment, Conservation and Parks will place notice of your appeal on the Environmental Registry. Section 142 of the Environmental Protection Act provides that the Notice requiring the hearing shall state:

- a. The portions of the environmental compliance approval or each term or condition in the environmental compliance approval in respect of which the hearing is required, and;
- b. The grounds on which you intend to rely at the hearing in relation to each portion appealed.

Pursuant to subsection 139(3) of the Environmental Protection Act, a hearing may not be required with respect to any terms and conditions in this environmental compliance approval, if the terms and conditions are substantially the same as those contained in an approval that is amended or revoked by this environmental compliance approval.

The Notice should also include:

1. The name of the appellant;
2. The address of the appellant;
3. The environmental compliance approval number;
4. The date of the environmental compliance approval;
5. The name of the Director, and;
6. The municipality or municipalities within which the project is to be engaged in.

And the Notice should be signed and dated by the appellant.

This Notice must be served upon:

The Secretary*
Environmental Review Tribunal
655 Bay Street, Suite 1500
Toronto, Ontario
M5G 1E5

AND

The Minister of the Environment,
Conservation and Parks
777 Bay Street, 5th Floor
Toronto, Ontario
M7A 2J3

AND

The Director appointed for the purposes of
Part II.1 of the Environmental Protection Act
Ministry of the Environment,
Conservation and Parks
135 St. Clair Avenue West, 1st Floor
Toronto, Ontario
M4V 1P5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 212-6349, Fax: (416) 326-5370 or www.ert.gov.on.ca**

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

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

DATED AT TORONTO this 17th day of December, 2019



Mohsen Keyvani, P.Eng.

Director

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

DL/

c: District Manager, MECP York-Durham
Paul Mulholland P. Eng., WSP Canada Inc.