



AMENDED PROVISIONAL CERTIFICATE OF APPROVAL
WASTE DISPOSAL SITE
NUMBER A460716
Issue Date: July 28, 2010

349977 Ontario Ltd.
(o/a Lacombe Waste Services)
5555 Power Rd
Gloucester, Ontario
K1G 3N4

Site Location: Lacombe Waste Services
Lot Part of 26, Concession 5
Ottawa City,

You have applied in accordance with Section 27 of the Environmental Protection Act for approval of:

a waste disposal site for the transfer/processing of municipal and subject waste, limited as per the conditions of this Certificate

For the purpose of this Certificate of Approval and the terms and conditions specified below, the following definitions apply:

1. **"Certificate"** means this entire provisional certificate of approval document, issued in accordance with section 39 of the EPA, and includes any schedules to it, the application and the supporting documentation listed in Schedule "A";

"Director" means any Ministry employee appointed in writing by the Minister pursuant to section 5 of the EPA as a Director for the purposes of Part V of the EPA;

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

"EPA" means Environmental Protection Act, R.S.O. 1990, c. E. 19, as amended;

"Ministry" means the Ontario Ministry of the Environment;

"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;

"Owner" means any person that is responsible for the establishment or operation of the Site being approved by this Certificate, and includes 349977 Ontario Ltd., its successors and assigns;

"OWRA" means the Ontario Water Resources Act, R.S.O. 1990, c. O-40, as amended from time to time;

"PA" means the Pesticides Act, R.S.O. 1990, c. P-11, as amend from time to time;

"Provincial Officer" means any person designated in writing by the Minister as a provincial officer pursuant to section 5 of the OWRA or section 5 of the EPA or section 17 of PA.

"Regional Director" means the Regional Director of the local Regional Office of the Ministry in which the Site is located;

"Reg. 347" means Regulation 347, R.R.O. 1990, made under the EPA, as amended from time to time;

"**representative sample**" means a representative sample as defined in the Ministry document entitled "Guidelines for Environmental Protection Measures at Chemical and Waste Storage Facilities", dated May 2007

"**Site**" means the site and waste management infrastructure located at Lot Part of 26, Concession 5, Ottawa, Ontario, approved by this Certificate;

"**Trained personnel**" means knowledgeable in the following through instruction and/or practice:

- a. relevant waste management legislation, regulations and guidelines;
- b. major environmental concerns pertaining to the waste to be handled;
- c. occupational health and safety concerns pertaining to the processes and wastes to be handled;
- d. management procedures including the use and operation of equipment for the processes and wastes to be handled;
- e. emergency response procedures;
- f. specific written procedures for the control of nuisance conditions;
- g. specific written procedures for management of unacceptable waste loads;
- h. the requirements of this Certificate.

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

TERMS AND CONDITIONS

GENERAL

Compliance

2. The Owner and Operator shall ensure compliance with all the conditions of this Certificate and shall ensure that any person authorized to carry out work on or operate any aspect of the Site is notified of this Certificate and the conditions herein and shall take all reasonable measures to ensure any such person complies with the same.
3. Any person authorized to carry out work on or operate any aspect of the Site shall comply with the conditions of this Certificate.

Build, etc. in Accordance

4. Except as otherwise provided by this Certificate, the Site shall be designed, developed, built, operated and maintained in accordance with the application for this Certificate dated September 16, 2008, and the supporting documentation listed in Schedule "A".

Interpretation

5. Where there is a conflict between a provision of any document, including the application, referred to in this Certificate, and the conditions of this Certificate, the conditions in this Certificate shall take precedence.
6. 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.
7. 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.
8. The requirements of this Certificate are severable. If any requirement of this Certificate, or the application of any requirement of this Certificate to any circumstance, is held invalid or unenforceable, the application of such requirement to other circumstances and the remainder of this certificate shall not be affected thereby.

Other Legal Obligations

9. The issuance of, and compliance with the conditions of, this Certificate does not:

- a. relieve any person of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement; or
- b. limit in any way the authority of the Ministry to require certain steps be taken or to require the Owner and Operator to furnish any further information related to compliance with this Certificate.

Adverse Effects

10. The Owner and Operator 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.

11. Despite an Owner, Operator or any other person fulfilling any obligations imposed by this certificate the person remains responsible for any contravention of any other condition of this Certificate 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.

Change of Owner

12. The Owner shall notify the Director in writing, and forward a copy of the notification to the District Manager, within 30 days of the occurrence of any changes:

- a. the ownership 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; or
- e. the name of the corporation where the Owner is or at any time becomes a corporation, other than a municipal corporation, and a copy of the most current information filed under the Corporations Information Act, R.S.O. 1990, c. C-39 shall be included in the notification.

13. 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 Certificate, and the Owner shall provide a copy of the notification to the District Manager and the Director.

Financial Assurance

14. The Owner shall submit to the Director, within ten (10) days of the date of issuance of this Certificate, Financial Assurance as defined in Section 131 of the EPA, in the amount of \$285,292.77. This Financial Assurance shall be in a form and amount acceptable to the Director and shall provide sufficient funds to pay for compliance with and performance of any action specified in this Certificate, including site clean-up, monitoring and disposal of all quantities of waste on-site, closure and post-closure care of the Site and contingency plans for the Site.

15. A written report reviewing the Financial Assurance required by the conditions in this Certificate shall be submitted to the Director and the District Manager by March 31, 2011, and shall be updated and re-submitted every three years thereafter on the anniversary date. The update shall include estimates of the amount of Financial Assurance required to facilitate the actions listed under Condition 14 above.

16. 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 60 days before the

Financial Assurance terminates, the Financial Assurance shall forthwith be replaced by cash.

Inspections

17. No person shall hinder or obstruct a Provincial Officer in the performance of their duties, including any and all inspections authorized by the OWRA, the EPA or the PA of any place to which this Certificate relates, and without limiting the foregoing to:

- a. enter upon the premises where the Site is located, or the location where the records required by the conditions of this Certificate are kept;
- b. have access to, inspect, and copy any records required by the conditions of this Certificate;
- c. inspect the practices, procedures, or operations required by the terms and conditions of this Certificate; and
- d. sample and monitor for the purposes of assessing compliance with the conditions of this Certificate or the EPA, the OWRA or the PA.

Information and Record Retention

18. Any information requested, by the Ministry, concerning the Site and its operation under this Certificate, including but not limited to any records required to be kept by this Certificate shall be provided to the Ministry, upon request. Records shall be retained for a minimum of two (2) years from the date of creation, except as otherwise authorized in writing by the Director.

19. 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 Certificate 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 Certificate or any statute, regulation or other legal requirement; or
- b. acceptance by the Ministry of the information's completeness or accuracy.

OPERATIONS

Operations

20. This Site is approved for the processing of municipal waste and subject waste, limited as per the Conditions of this Certificate. The Site shall be operated and maintained, and the management and disposal of all waste shall be carried out, in accordance with the EPA, Regulation 347 and the conditions of this Certificate. At no time shall the discharge of a contaminant that causes or is likely to cause an adverse effect be permitted.

Hours of Operation

21. The Site may accept, transfer and process waste 24 hours a day, 365 days a year.

Service Area

22. Only waste that is generated in Canada and the United States of America shall be accepted at the Site.

Waste Types

23. (a) No wastes other than the following shall be accepted at the Site:

- (i) solid non-hazardous industrial waste;
- (ii) grease trap waste from industrial, commercial and institutional sources;
- (iii) hauled sewage (septage);
- (iv) liquid industrial waste and hazardous waste from industrial, institutional and commercial sources limited to

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Waste Classes 111 to 114 inclusive, 121 to 123 inclusive, 131 to 135 inclusive, 141 to 150 inclusive, 211 to 213 inclusive, 221, 222, 231 to 233 inclusive, 241, 242, 251 to 254 inclusive, 261 to 270 inclusive, 281, 282, and 331 as described in the New Ontario Waste Classes, January 1986, or as amended.

(b) No putrescible food-related wastes, other than grease trap waste from industrial, commercial and institutional sources, shall be accepted at the Site.

Waste Storage

24. The amount of waste present at the Site at any one time shall not exceed any of the following:

- (a) 450 tonnes of solid non-hazardous industrial waste;
- (b) 50 tonnes of solid hazardous waste;
- (c) 19,021 litres of hauled sewage (septage);
- (d) grease trap waste not to exceed the limits listed in Condition 25 below; and
- (e) liquid industrial waste and liquid hazardous waste from industrial, institutional and commercial sources not to exceed the limits listed in Condition 25 below.

(For the purposes of assessing compliance with this Certificate, a general conversion factor for solids to liquids shall be one (1) tonne = 1,000 kilograms = 1,000 litres and will not incorporate the specific gravity of the waste.)

25. All waste shall be stored in accordance with Item 1 of Schedule "A". In addition, the storage of waste at the Site is further limited to the following containers and locations:

(a) 11 Above Ground Storage Tanks (AST's) located within the in the Outdoor Tank Farm containing various processed and unprocessed liquid industrial wastes and hazardous wastes not to exceed the limits listed in Schedule "B" of this Certificate. These tanks shall be equipped with operating High Level Alarms that are to be manually actuated every forty five (45) days to ensure that they are functional;

(b) 6 AST's, the Sludge Tank, the Flocculation Tank and the Water Tanker in the Water Treatment Area, the 4 AST's in the Indoor Tank Farm containing processed and unprocessed Liquid Industrial Waste not to exceed the limits listed in Schedule "B" of this Certificate. These tanks shall be equipped with operating High Level Alarms that are to be manually actuated every forty five (45) days to ensure that they are functional;

(c) Drums, totes and suitable containers of waste as described in Item 1 of Schedule "A" of this Certificate containing various processed and unprocessed Non-Hazardous Solid, Liquid Industrial, Hazardous Wastes and grease trap waste not to exceed 219,418 litres;

(d) A maximum of five hundred (500) tonnes of waste contained on the Solidification Pad including Non-Hazardous Solid Industrial Waste derived from the solidification activities and Hazardous Waste bulked at the Site as described in Item 1 of Schedule "A" of this Certificate of which no more than fifty (50) tonnes may consist of Hazardous Waste; and

(e) A maximum of 19,021 litres of hauled sewage (septage) stored within a polyethylene above ground storage tank as described in Item 1 of Schedule "A" of this Certificate.

26. The Owner shall ensure that all waste is stored, processed and transferred in accordance with the Ministry document entitled "Guidelines for Environmental Protection Measures at Chemical and Waste Storage Facilities", dated May 2007, at all times. No incompatible wastes (including wastes contained in separate drums, totes or other containers) shall be stored within the same secondary containment area at the same time.

27. No storage or processing areas, other than those approved under this Certificate, shall be used for waste storage or processing, and no fixed storage tanks or related processing equipment for liquid or subject waste shall be moved, replaced or altered without the advance written approval of the Director. The Owner may replace equipment used to manage solid non-hazardous waste, provided:

- (a) the replacement equipment is substantially similar to the equipment currently in use; and
- (b) written concurrence from the District Manager is obtained prior to replacing the equipment.

Incoming / Outgoing Waste

28. (a) All incoming and outgoing wastes shall be inspected, tested and characterized by Trained personnel prior to being received, processed, transferred and shipped to ensure wastes are being managed and disposed of in accordance with the EPA and Reg. 347.

(b) 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.

(c) All testing and characterization shall use a representative sample for analysis.

29. (a) Any incoming waste, or any waste discovered on-site, that does not meet the requirements of this Certificate shall be refused and promptly removed from the Site. In the event that any waste load is refused, the Owner shall notify the District Manager within twenty-four (24) hours, and a record shall be made in the daily log book of the reason the waste was refused and the origin of the waste.

(b) In the event that a manifest correction is required for an incoming waste load, the Owner shall follow the procedure described in s.4.6.3 of the Ministry document entitled "Registration Guidance Manual for Generators of Liquid Industrial and Hazardous Waste" dated December 2009.

30. The total amount of waste leaving the Site for final disposal, comprised of waste from the transfer operation and residual waste arising from the processing operation, shall not exceed 299 tonnes or equivalent per day. This amount does not include treated waste water destined for disposal at ROPEC.

31. Chlorinated solvent being transported from the Site to St. Lawrence Cement is exempt from Part V of the EPA and Reg. 347 provided:

(a) the solvent meets the following chemical and compositional criteria:

- (i) has a minimum of 2% chlorine content;
- (ii) is a complex mixture of chlorinated hydrocarbons in a chlorinated aromatic hydrocarbon base;
- (iii) does not contain more than 10 ppm of any residual organochlorine pesticides; and
- (iv) does not contain more than 5 ppm of polychlorinated biphenyls (PCBs);

(b) a chemical analysis for each load is submitted to St. Lawrence Cement prior to its use at the facility. The analysis shall include, but not be limited to, the following:

- (i) percent chlorine content;
- (ii) concentration of organochlorine pesticides, reported in ppm; and
- (iii) concentration of PCBs, reported in ppm; and

(c) the solvent is transported by a hauler holding a valid waste management system Certificate of Approval directly to the St. Lawrence Cement facility located at 2391 Lakeshore Road West, Mississauga, Ontario for use in the production of reduced alkali.

Processing

32. Notwithstanding the Conditions of this Certificate, no hazardous waste shall be placed on the non-hazardous processing pad at any time. In addition, no processes other than the following shall be carried out at the Site:

(a) receipt, storage, transfer and shipping of waste as per the Conditions of this Certificate;

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(b) bulking and blending of liquid waste, subject to the following:

- (i) only compatible wastes may be bulked or blended;
- (ii) waste may be filtered to remove solids and debris as part of the bulking and blending process, provided the filtered solids and debris are managed in accordance with the EPA, Reg. 347 and the conditions of this Certificate;
- (iii) no waste shall be bulked or blended if the only purpose of the bulking or blending is to dilute the waste;
- (iv) no waste shall be bulked or blended unless the waste has first been tested and characterized;
- (v) all products of bulking and blending shall be properly characterized (including testing as necessary to establish the correct characterization) before being further processed on-site or being disposed of;
- (vi) bulking and blending of liquid waste shall otherwise be carried out as described in Item 1 of Schedule "A".

(c) neutralization, subject to the following:

- (i) no wastes other than Waste Class Nos. 111, 112, 113, 114, 121, 122 and 123 shall be neutralized on-site, unless:
 - a. the waste meets the definition of "corrosive waste" in Reg. 347;
 - b. in the written opinion of the on-site Chartered Chemist: (i) neutralization is an acceptable treatment for the waste; (ii) the waste is compatible with the other wastes being neutralized; and (iii) neutralization is the best treatment option available at the Site for the waste; and
 - c. written concurrence is obtained from the on-site Environmental Manager;
- (ii) no waste shall be neutralized unless the waste has first been tested and characterized;
- (iii) all products of neutralization shall be characterized (including testing as necessary to establish the correct characterization) before being bulked, blended, further processed on-site or being disposed of;
- (iv) neutralization shall otherwise be carried out as described in Items 1 and 2 of Schedule "A".

(d) wastewater treatment, subject to the following:

- (i) no waste having the H, A, B, or S hazardous waste characterization suffix shall be treated using the wastewater treatment process;
- (ii) no waste shall be treated using the wastewater treatment process unless the waste has first been tested and characterized;
- (iii) all products of the wastewater treatment process shall be characterized (including testing as necessary to establish the correct characterization) before being bulked, blended, further processed on-site or being disposed of;
- (iv) wastewater treatment shall otherwise be carried out as described in Item 1 of Schedule "A".

(e) solidification of non-hazardous waste, subject to the following:

- (i) no hazardous waste shall be mixed with non-hazardous waste as part of the solidification process;
- (ii) no waste shall be solidified unless the waste has first been characterized (including testing as necessary to establish the correct characterization);
- (iii) no waste shall be solidified unless the waste has first been tested, using the solidification agent available on-site, to determine the amount of solidification agent required to solidify the waste;
- (iv) the Owner may construct a trench in the solidification area and use it to capture excess liquid, provided:
 - (1) the trench is leak-proof;
 - (2) all liquids removed from the trench are managed in accordance with the EPA, Reg. 347 and the conditions of this Certificate; and
 - (3) the site plan is updated to show the trench within thirty (30) days of the completion of construction of the trench.
- (v) all products of solidification shall be characterized (including testing as necessary to establish the correct characterization) before being further bulked, blended, processed on-site or being disposed of;
- (vi) solidified waste shall be left to stand for at least one (1) hour before being tested and characterized to ensure that no liquid is evolved;
- (vii) any material that does not pass the Slump Test described in Schedule 9 of Reg. 347 after solidification shall be disposed of as liquid industrial waste (or as hazardous waste if determined to be hazardous), and any material that is determined to be hazardous waste using the Toxicity Characteristic Leaching Procedure as defined in Reg. 347 shall be disposed of as hazardous waste;
- (viii) solidification of non-hazardous waste shall otherwise be carried out in accordance with Item 1 of Schedule "A".

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(f) solidification of hazardous waste, subject to the following:

- (i) no hazardous waste shall be mixed with non-hazardous waste as part of the solidification process;
- (ii) no waste shall be solidified unless the waste has first been tested and characterized;
- (iii) no waste shall be solidified unless the waste has first been tested, using the solidification agent available on-site, to determine the amount of solidification agent required to solidify the waste;
- (iv) the Owner may construct a trench in the solidification area and use it to capture excess liquid, provided:
 - (1) the trench is leak-proof;
 - (2) all liquids removed from the trench are managed in accordance with the EPA, Reg. 347 and the conditions of this Certificate; and
 - (3) the site plan is updated to show the trench within thirty (30) days of the completion of construction of the trench.
- (v) all products of solidification shall be characterized (including testing as necessary to establish the correct characterization) before being further bulked, blended, processed on-site or being disposed of;
- (vi) solidification shall otherwise be carried out as described in Item 1 of Schedule "A".

(g) sorting and segregation of material received as lab packs;

- (i) all products of sorting and segregation shall be characterized (including testing as necessary to establish the correct characterization) before being bulked, blended, further processed on-site or being disposed of;
- (ii) sorting and segregation of material received as lab packs shall otherwise be carried out in accordance with Item 1 of Schedule "A".

(h) aerosol and propane container processing, subject to the following:

- (i) aerosol and propane container processing shall be carried out as described in Item 1 of Schedule "A".

(i) oil filter draining and crushing, subject to the following:

- (i) oil filter draining and crushing shall be carried out as described in Item 1 of Schedule "A".

(j) fluorescent lamp crushing, subject to the following:

- (i) fluorescent lamp crushing shall be carried out in accordance with Item 1 in Schedule "A"; and
- (ii) the Owner may replace the fluorescent lamp crushing unit, provided:
 - (1) the replacement fluorescent lamp crushing unit is substantially similar to the equipment currently in use;
 - (2) the emission performance of the replacement fluorescent lamp crushing unit meets or exceeds the emission performance of the fluorescent lamp crushing unit being replaced; and
 - (3) written concurrence from the District Manager is obtained prior to replacing the fluorescent lamp crushing unit.

(k) baling of solid non-hazardous waste, subject to the following:

- (i) no waste other than recyclable solid non-hazardous waste shall be baled;
- (ii) baling shall otherwise be carried out in accordance with Item 1 in Schedule "A".

33. The Owner shall ensure that all processing of hazardous waste at the Site and the disposal of all hazardous waste from the Site is carried out in accordance with Sections 74 through 85 of Reg. 347.

34. The processing activities approved in this Certificate as described in Item 1 of Schedule "A" only permit the de-listing of wastes when received in "Lab Pack" form and the contents of the smaller containers are bulked into larger containers of similar waste characteristics for the sole purposes of transporting waste for final disposal. All other bulking, transferring and processing activities are not permitted to de-list waste with the H, A, B, or S hazardous waste characterization suffix.

35. AST's, drums, totes and other containers used in the storage, transportation or containment of Listed Waste, shall be decontaminated when emptied of their contents with the residual sludges and clean-up material disposed of in accordance with the Reg. 347 prior to that specific container being re-used. Otherwise, any additional waste or materials added to that container will be considered to be derived from that particular Hazardous Waste and shall be managed accordingly.

36. Notwithstanding the Conditions of this Certificate, the Owner shall take all reasonable actions in the way of laboratory, compatibility and bench testing of waste and materials to ensure that the bulking, blending, mixing, transfer and processing of wastes at the Site will not result in uncontrollable reactions that could result in a fire or release of contaminants to the natural environment.

37. (a) Hazardous Industrial Waste (Schedule 1, Reg. 347), Acute Hazardous Waste Chemical (Schedule 2(A), Reg. 347), Hazardous Waste Chemical (Schedule 2(B), Reg. 347) and Severely Toxic Waste (Schedule 3, Reg. 347) may not be mixed, bulked, blended, put into a common container, or processed with any other waste material at the Site unless the procedures specified in this Condition are followed;

- i. Only compatible wastes may be mixed bulked or blended;
- ii. A mixture of a Severely Toxic Waste and any other waste(s) is a Severely Toxic Waste;
- iii. A mixture of an Acute Hazardous Waste Chemical and any other waste(s) except a Severely Toxic Waste is an Acute Hazardous Waste Chemical;
- iv. A mixture of a Hazardous Waste Chemical and any other waste(s) except a Severely Toxic Waste or an Acute Hazardous Waste Chemical is a Hazardous Waste Chemical; and,
- v. A mixture of a Hazardous Industrial Waste and any other waste(s) except a Severely Toxic Waste, an Acute Hazardous Waste Chemical or a Hazardous Waste Chemical is a Hazardous Industrial Waste;

(b) The Owner shall maintain for a minimum of two (2) years, a record available for inspection, tracking the path of waste movement through the Site for Acute Hazardous Waste Chemical, Hazardous Waste Chemical, Hazardous Industrial Waste and Severely Toxic Waste, including as a minimum;

- i. Date of receipt of the waste, including manifest number;
- ii. Waste class and waste characteristic;
- iii. Volume or mass of waste received;
- iv. Storage location of the waste(s); and
- v. Date and location of disposal of the Hazardous Waste, including the manifest number.

Labelling

38. The Owner shall clearly label and or sign all waste storage containers at the Site showing; volume, waste class(es), waste characteristic (such as WHMIS and or, TDGA classification when applicable), and shall ensure that the label and or sign are clearly visible for inspection and record keeping. All Non-Hazardous Wastes shall be adequately segregated and contained as to ensure that they do not come into contact with Hazardous Wastes while being stored, transferred or processed at the Site.

Signage

39. A sign shall be posted and maintained at the entrance to the site in a manner that is clear and legible, and shall include the following information:

- a. the name of the Site and Owner;
- b. this Certificate number;
- c. the name of the Operator;
- d. the normal hours of operation;
- e. the allowed waste types, and any waste types explicitly prohibited by Conditions of this Certificate;
- f. a telephone number to which complaints may be directed;
- g. a twenty-four (24) hour emergency telephone number (if different from above); and
- h. a warning against dumping outside the Site.

Monitoring

40. No later than January 31, 2011 the Owner shall submit a groundwater monitoring program to the Director for approval. The groundwater monitoring program shall include, but not be limited to:

- (a) groundwater monitoring locations;
- (b) direction of groundwater flow;
- (c) sampling frequencies; and
- (d) monitoring parameters for assessment.

Upon approval of the groundwater monitoring program by the Director, the Owner shall include the results from the approved program, with the interpretation of the monitoring results prepared by a qualified hydrogeologist, engineer or scientist, in the Annual Report. The District Manager or the Director may alter the frequencies and locations of sampling and parameters for analysis required by this Condition if he/she considers it necessary for proper assessment of the quality of the groundwater, or if he/she is requested to do so by the Owner and considers it acceptable by the evidence of information in support of the request.

Vermin, etc.

41. The Owner shall conduct on each operating day a visual inspection of the following areas to ensure the Site is secure and that no off-site impacts such as vermin, vectors, odour, noise, dust and litter, result from the operation of the Site:

- (a) waste loading/unloading areas;
- (b) waste storage and all associated containment areas including the in-ground storage tanks serving the Processing Pads; and
- (c) security fence, barriers and property line.

Design and Operations Report

42. The Design and Operations Report, listed as Item 1 in Schedule "A", shall be retained at the Site, kept up to date through periodic revisions, and be available for inspection by Ministry staff. Changes to the Design and Operations Report shall be submitted to the Director for approval before being implemented.

Training Plan

43. The Owner shall ensure through proper written records that all personnel directly involved with activities relating to the Site have been trained with respect to:

- (a) relevant waste management legislation, regulations and guidelines;
- (b) major environmental concerns pertaining to the waste to be handled;
- (c) occupational health and safety concerns pertaining to the processes and wastes to be handled;
- (d) management procedures including the use and operation of equipment for the processes and wastes to be handled;
- (e) emergency response procedures;
- (f) specific written procedures for the control of nuisance conditions;
- (g) specific written procedures for management of unacceptable waste loads;
- (h) all other requirements of this Certificate.

44. The Owner shall ensure that trained personnel are available at all times during the hours of operation of this Site. No receiving, processing, transfer, shipping or other management of waste shall occur at the Site unless Trained personnel are present.

Site Security

45. The Site shall be maintained in a secure manner, such that unauthorized persons cannot enter the Site.

Site Inspection

46. The Owner shall conduct regular weekly inspections of the equipment and facilities to ensure that all equipment and facilities at the Site are maintained in good working order at all times. Any deficiencies detected during these regular inspections must be promptly corrected. A written record shall be maintained at the Site, which includes the following:

- (a) name and signature of trained personnel conducting the inspection;
- (b) date and time of the inspection;
- (c) list of equipment inspected and all deficiencies observed;
- (d) recommendations for remedial action and actions undertaken including:
 - i. a detailed description of the maintenance activity;
 - ii. date and time of maintenance activity; and
 - iii. any further recommendations required.

Complaint Response

47. If at any time, the Owner receives a complaint regarding adverse effect (as defined in the EPA) due to operation of the Site, the Owner shall respond to the complaint according to the following procedure:

- (a) The Owner shall record and number each complaint, either electronically or in a separate log book, along with the following information:
 - (i) the nature of the complaint,
 - (ii) if the complaint is odour or nuisance related, the weather conditions and wind direction at the time of the complaint;
 - (iii) the name, address and telephone number of the complainant (if provided); and
 - (iv) 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, notify the District Manager of the complaint within 24 hours of receiving the complaint, and forward a formal reply to the complainant; 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 resolve the complaint and any recommendations for remedial measures, and managerial or operational changes to reasonably avoid the recurrence of similar incidents. Should subsequent complaints be received following the implementation of corrective action, further corrective actions shall be developed and implemented iteratively until the problem is corrected.

Spills and Emergency Response

48. The Owner shall take immediate measures to clean-up all spills as defined under Part X of the Act, related discharges and process upsets of wastes which result from the operation of the Site. All spills and upsets shall be immediately reported to the Ministry's Spills Action Centre at (416) 325-3000 or 1-800-268-6060. All records shall be recorded in a written log or an electronic file format, referred to in Condition 37 of this Certificate, as to the nature of the spill or upset, and the action taken for clean-up, correction and prevention of future occurrences.

49. (a) The Owner shall ensure that a Spill Contingency and Emergency Response Plan with the following minimum information is kept on-site at all times:

- (i) Maps and drawings showing the location of all waste materials and hazardous products being stored at the Site;
 - (ii) Maps and drawings highlighting areas of the secondary containment for all loading and un-loading, processing and storage areas and associated contingency equipment and spill clean-up materials and their locations throughout the Site;
 - (iii) emergency response procedures to be undertaken in the event of a spill or process upset, including specific methods for each individual type of waste; and,
 - (iv) a notification protocol with current names and telephone numbers of persons to be contacted in the event of an spill or, including company personnel, contractors, provincial and municipal regulatory officials (i.e. Ministry of the Environment, Ministry of Labour, local Fire Department, Medical Officer of Health) and,
- (b) The Spill Contingency and Emergency Response Plan shall be kept up-to-date and be stored in a central location that is accessible to all staff, with a copy submitted to the District Manager and the City of Ottawa.

Closure Plan

50. (a) The Owner shall submit, for approval by the Director, a written Closure Plan for the Site four (4) months prior to the closure of the Site. This plan must include as a minimum, a description of the work that will be done to facilitate closure of the Site and a schedule for completion of that work; and
- (b) 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.

Record Keeping

51. The Owner shall maintain, at the Site for a minimum of two years, a log book or electronic file format which records daily the following information:
- (a) date of record;
 - (b) types (waste class and primary characteristic), quantities and source of waste received at the Site;
 - (c) quantity and type (waste class and primary characteristic) of waste stored on the Site;
 - (d) quantity (including amount of solidification/stabilization material), type (including residual waste from processing and processed water to ROPEC) and destination of waste shipped from the Site;
 - (e) all testing and other analytical results; and
 - (f) results of inspections and reports required under this Certificate, including the name and signature of the person conducting the inspection and completing the report.

Annual Report

52. By **March 31, 2011**, and on an annual basis thereafter, the Owner shall prepare and submit to the District Office an Annual Report covering the previous calendar year. Each report shall include, as a minimum, the following information:
- (a) a detailed monthly summary of the type, quantity and origin of all wastes received, processed and transferred from the Site, including the destination, type and quantity of waste destined for final disposal and also including any reconciliations on mass balance made;
 - (b) any environmental and operational problems, that could negatively impact the environment,

encountered during the operation of the Site and during the facility inspections and any mitigative actions taken;

(c) a statement as to compliance with all Terms and Conditions of this Certificate and with the inspection and reporting requirements of the Conditions herein;

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

(e) a detailed section showing the results, interpretation of the results, timetable for implementing recommendations from the approved groundwater monitoring program referred to in Condition

Stormwater Management

53. The Owner shall manage all discharges from the Site including stormwater run-off and processed wastewater in accordance with appropriate Municipal, Provincial and or Federal Legislation, Regulations and By-laws. The Owner shall prepare a stormwater management plan, and shall update the plan as necessary so that the plan is current and up to date. A copy of this plan shall be kept on-site at all times, and shall be made available for inspection upon request.

Schedule "A"

This Schedule forms a part of this Certificate of Approval:

1. Application for a Approval of a Waste Disposal Site dated September 16, 2008, including the document entitled "Lacombe Waste Services Design and Operations Manual" submitted as an attachment to the e-mail from Paul Nagy, Lacombe Waste Services, to Andrew Neill, P.Eng., MOE, dated 9:55 AM June 29, 2010.
2. The letter dated February 10, 2010 prepared by Lacombe Waste Services, detailing the Waste Analysis Plan for the site.

Schedule "B" - Tank Schedule

This Schedule forms a part of this Certificate of Approval:

TANK ID	LOCATION	TANK USE¹	VOLUME (L)
Tank 1	Outdoor Tank Farm	Oily water storage	90,000
Tank 2	Outdoor Tank Farm	Oily water storage	90,000
Tank 3	Outdoor Tank Farm	Oil storage	90,000
Tank 4	Outdoor Tank Farm	Oil storage	90,000
Tank 5	Outdoor Tank Farm	Rich waste storage	25,000
Tank 6	Outdoor Tank Farm	Lean waste storage	25,000
Tank 7	Outdoor Tank Farm	HAL storage	45,437
Tank 9	Outdoor Tank Farm	Oil storage	90,000
Tank 10	Outdoor Tank Farm	Oil storage	90,000
Tank 11	Outdoor Tank Farm	Glycol storage	22,731
Tank 12	Outdoor Tank Farm	Glycol storage	10,900
Coalescing Tank	Wastewater Tank Farm	Water storage	--
Flocculation Tank	Wastewater Tank Farm	Flocculant storage	1,000
Sludge Tank	Wastewater Tank Farm	Water storage	14,000
Water Tanker	--	Water storage	40,000
Tank 50	Wastewater Tank Farm	Water storage	45,461
Tank 51	Wastewater Tank Farm	Water storage	22,136
Tank 52	Wastewater Tank Farm	Water storage	22,136

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Tank 53	Wastewater Tank Farm	Water storage	22,668
Tank 54	Wastewater Tank Farm	Water storage	22,668
Tank 55	Wastewater Tank Farm	Water storage	22,730
Tank 56	Wastewater Tank Farm	Water storage	22,730
Tank 57	Wastewater Tank Farm	Water storage	22,730
Tank 58	Wastewater Tank Farm	Water storage	22,730

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

1. The reason for Condition 1 is to simplify the wording of the subsequent conditions and define the specific meaning of terms as used in this Certificate of Approval.
2. The reason for Conditions 2, 3, 5, 6, 7, 8, 9, 10, 11, 18 and 19 is to clarify the legal rights and responsibilities of the Owner and Operator.
3. The reason for Condition 4 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.
4. The reasons for Condition 12 are 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.
5. The reasons for Condition 13 are 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 Certificate of Approval.
6. The reason for Conditions 14, 15 and 16 is to ensure sufficient funds are available to provide for the clean-up of the Site in the event the Owner is unwilling or unable to clean up the Site.
7. The reason for Condition 17 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 Certificate of Approval. This condition is supplementary to the powers of entry afforded a Provincial Officer pursuant to the EPA and OWRA.
8. The reason for Conditions 20, 41 and 53 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.
9. The reason for Condition 21 is to specify the hours of operation for the Site.
10. The reasons for Conditions 22, 23, 24 and 30 are to specify the approved service area from which waste may be accepted at the Site, the types of waste that may be accepted at the Site, the amounts of waste that may be stored and processed at the Site, the maximum rate at which the Site may receive waste, and the maximum rate at which waste may leave the Site, based on the Owner's application and supporting documentation.
11. The reason for Conditions 25, 26 and 27 are to ensure that the storage, processing and transfer of liquid waste is carried out in a manner which minimizes the risk of spills, fire and explosions at the Site.
12. The reasons for Conditions 28 and 29 are to ensure that all incoming wastes are inspected and tested/characterized to ensure compliance with this Certificate, to ensure that a record is made of any waste load refusal, and to ensure proper procedure is followed when making manifest corrections.
13. The reason for Condition 31 is to ensure compliance with Provincial Officer Order No. P451211 issued to St. Lawrence Cement to include the shipment of product solvents from 349977 Ontario Ltd., to be wholly utilized at St. Lawrence Cement in Mississauga.
14. The reasons for Conditions 32, 33, 34, 35, 36, 37 and 38 are to list all approved processes at the Site, to ensure all processing is undertaken in a manner which does not result in a nuisance or a hazard to the health and safety of the

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environment or people, to ensure that all processing is carried out in accordance with relevant legislation and guidelines, to ensure that decontamination of all containers and vessels is carried out as necessary, to ensure records are kept, and to ensure all containers and vessels are properly labelled with regard to their contents.

15. The reason for Conditions 39 is to ensure that users of the Site are fully aware of important information and restrictions related to Site operations and access under this Certificate of Approval.

16. The reason for Condition 40 is to ensure an up-to-date groundwater monitoring program is prepared and implemented at the Site.

17. The reason for Condition 42 is to ensure that an up-to-date Design and Operations Report is maintained on-site at all times.

18. The reason for Condition 43 and 44 is to ensure that the Site is operated by properly Trained staff in a manner which does not result in a hazard or nuisance to the natural environment or any person.

19. The reason for Condition 45 is 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.

20. The reasons for Condition 46 are to ensure that routine Site inspections are completed, and that detailed records of Site inspections are recorded and maintained for inspection and information purposes.

21. The reason for Condition 47 is to ensure that any complaints regarding Site operations at the Site are responded to in a timely manner.

22. The reasons for Conditions 48 and 49 are to ensure that an Emergency Response Plan is developed and maintained at the Site and that staff are properly trained in the operation of the equipment used at the Site and emergency response procedures.

23. The reason for Condition 50 is to ensure that the Site is closed in accordance with Ministry standards in order to protect the health and safety of the public and the environment.

24. The reasons for Condition 51 are 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 Certificate of Approval, the EPA and its regulations.

25. The reasons for Condition 52 are 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.

This Certificate of Approval revokes and replaces Certificate(s) of Approval No. A460716 issued on May 22, 2003

In accordance with Section 139 of the Environmental Protection Act, R.S.O. 1990, Chapter E-19, as amended, you may by written Notice served upon me, the Environmental Review Tribunal and in accordance with Section 47 of the Environmental Bill of Rights, S.O. 1993, Chapter 28, the Environmental Commissioner, within 15 days after receipt of this Notice, require a hearing by the Tribunal. The Environmental Commissioner 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:

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

The Notice should also include:

3. The name of the appellant;

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4. The address of the appellant;
5. The Certificate of Approval number;
6. The date of the Certificate of Approval;
7. The name of the Director;
8. The municipality within which the waste disposal site is located;

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, 15th Floor
Toronto, Ontario
M5G 1E5

AND

The Environmental Commissioner
1075 Bay Street, 6th Floor
Suite 605
Toronto, Ontario
M5S 2B1

AND

The Director
Section 39, *Environmental Protection Act*
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, Ontario
M4V 1L5

*** Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506 or www.ert.gov.on.ca**

This instrument is subject to Section 38 of the Environmental Bill of Rights, 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 www.ene.gov.on.ca, you can determine when the leave to appeal period ends.

The above noted waste disposal site is approved under Section 39 of the Environmental Protection Act.

DATED AT TORONTO this 28th day of July, 2010

Ian Parrott, P.Eng.
Director
Section 39, *Environmental Protection Act*

AN/
c: District Manager, MOE Ottawa
Paul L. J. Nagy, 349977 Ontario Ltd.