



**PROVISIONAL CERTIFICATE OF APPROVAL
WASTE DISPOSAL SITE
NUMBER 4252-88MHR
Issue Date: September 20, 2010**

Ford Motor Company of Canada, Limited
Post Office Box, No. 1300
Oakville, Ontario
L6J 5C9

Site Location: Periphery Road
Part SDS, RP PT
Lot 5-9, Concession 2
Oakville Town, Regional Municipality of Halton

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

The operation of a waste disposal site (wastewater processing) and to de-list the a Schedule 1 - Hazardous Industrial Waste (F019) to a non-hazardous waste.

The filter cake which is derived from a listed industrial process in Ontario Regulation 347 General - Waste Management is hazardous by definition, but exhibits only non-hazardous waste characteristics.

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

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

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

- (a) "Company" means Ford Motor Company of Canada, Limited;
- (b) "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;
- (c) "Filter Cake" means the waste derived from an industrial process that is described in O.Reg. 347, Schedule 1 Industrial Hazardous Wastes (F019);
- (d) "Provincial Officer/District 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;
- (e) "Owner" means any person that is responsible for the establishment or operation of the site being approved by this Certificate, and includes Ford Motor Company of Canada, Limited, its successors and assigns;
- (f) "Operator" means any third party service provider authorized by the Owner to operate the wastewater processing equipment;
- (g) "District Manager" means the District Manager of the local district office of the ministry in which the Site is

geographically located;

(h) "Technician" means the Owner or Operator's designated employees authorized by the Owner or Operator as having the training and knowledge to provide wastewater treatment at the Site;

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

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

(k) "Regional Director" means the Regional Director of the local Regional Office of the ministry in which the Site is located;

(l) "Site" means the entire waste disposal site described as the Wastewater Treatment Plant (WWTP) and approved by the Certificate;

(m) "Subject Waste" mean subject waste as defined in Section 1 of the Ontario Regulation 347 and includes non-hazardous liquid industrial, hazardous liquid and hazardous solid waste.

(n) "Trained Personnel" means persons knowledgeable in the following through instruction and/or practice:

- i. relevant waste management legislation, regulations and guidelines;
- ii. environmental concerns pertaining to the waste to be handled;
- iii. occupational health and safety concerns pertaining to the processes and wastes to be handled;
- iv. management procedures including the use and operation of equipment for the processes and wastes to be handled;
- v. emergency response procedures;
- vi. specific written procedures for the control of nuisance conditions;
- vii. 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

1.0 Compliance

1.1 The Owner and Trained Personnel 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.

1.2 Any person authorized to carry out work on or operate any aspect of the Site shall comply with the conditions of this Certificate.

2.0 Build, etc. in Accordance

2.1 Except as otherwise provided by this Certificate, the Site shall be operated and maintained in accordance with the application for this Certificate, dated May 18, 2010, and the 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 Certificate, and the conditions of this Certificate, the conditions in this Certificate 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 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.

4.0 Other Legal Obligations

4.1 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.

5.0 Adverse Effects

5.1 The Owner and Trained Personnel 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.

5.2 Despite an Owner, Trained Personnel 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.

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 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.

7.0 Financial Assurance

7.1 In lieu of Financial Assurance, the company shall submit a closure plan as detailed in Section 18.0.

8.0 Inspections

8.1 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.

9.0 Information and Record Retention

9.1 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 2 years except for as otherwise authorized in writing by the Director.

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 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

10.0 Operations

10.1 The Site shall be operated and maintained, and the management 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.

10.2 The Site may operate 24 hours per day and 365 days per year.

11.0 Production of Filter Cake

11.1 Only waste generated at the Site shall be filtered at the WWTP to produce the Filter Cake.

12.0 Disposal of Filter Cake

12.1 Filter Cake may be disposed of as a non-hazardous waste provided that the analysis as described in the conditions of Section 13 of this Certificate result in a non-hazardous waste characterization.

12.2 The Company shall notify the final disposal site that the waste has been de-listed from a F019 Hazardous Industrial Waste.

13.0 Waste Review

13.1 The WWTP Filter Cake shall be analyzed in accordance to the Site EOS procedures and shall include, but not limited to, the following items from Schedule 4 in O.Reg. 347:

- (a) metals;
- (b) volatiles;
- (c) semi-volatiles;
- (d) pH;
- (e) cyanide per Land Disposal Restrictions requirement;
- (f) chromium per Land Disposal Restrictions requirement; and
- (g) assessment to ensure waste is not reactive or ignitable.

13.2 The analysis of the WWTP Filter Cake shall meet or exceed the requirements of O.Reg. 347 parameters as listed in Condition 15.1 in order for the waste characterization to be non-hazardous.

13.3 The waste Filter Cake shall be characterized in accordance to the following schedule:

(a) Annually for three (3) years:

- i. March 2011
- ii. March 2012
- iii. March 2013

(b) Notwithstanding Condition 13.3 (a), each time any of the materials used for the phosphating operation are changed at new waste characterization must be completed.

13.4 A representative sample of Filter Cake from a single one week full production period shall be used for the waste characterization.

14.0 Discharge to Sanitary Sewer

14.1 The Site shall ensure that the discharge from the WWTP to the sanitary sewer meets all effluent requirements of the Discharge Agreement with the Region of Halton and any amendments thereof and any surcharge agreements for the Site.

TRAINING

15.0 Training Plan

15.1 A training plan shall be developed and maintained for all employees that operate the Site. Only Technicians that have been instructed by Trained Personnel may operate the Site or carry out any activity required under this Certificate.

15.2 The Owner shall ensure that Technicians or Trained Personnel are available at all times during the hours of operation of this Site.

SECURITY & EMERGENCY PLANS

16.0 Site Security

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

17.0 Emergency & Contingency Response Plans

17.1 The Owner shall implement a site spill response plan, as amended from time to time.

17.2 The site spill response plan shall be kept up-to-date, including the contact names and telephone numbers and a copy shall be retained and accessible to spill response staff at all times.

17.3 The equipment, materials and personnel requirements outlined in the site spill response plan shall be immediately available on the Site at all times. The equipment shall be kept in a good state of repair and in a fully operational condition.

17.4 All staff that operate the Site shall be fully trained in the initiation of the site spill response plan, and in the procedures to be employed in the event of an emergency.

17.5 The Owner shall immediately take all measures necessary to contain and clean up any spill or leak which may result from the operation of this Site and immediately implement the emergency response plan if required. All spills, upsets and fires with the potential to impact the natural environment shall be immediately reported to the ministry's Spills Action Centre at 1-800-268-6060 and to the District Manager.

SITE CLOSURE

18.0 Closure Plan

18.1 A Closure Plan for the Wastewater Treatment Plant shall be submitted to the Director for approval ninety (90) days prior to the planned closure of the Site. At a minimum, the Closure Plan shall include a description of the work that will be done, including all details of waste disposal at the site, to facilitate closure of the Site and a schedule for completion of that work. A copy the Closure Plan shall also be forwarded to the District Manager.

18.2 The Site shall be closed in accordance with the Closure Plan.

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

18.4 During the implementation of the Closure Plan, 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.

REPORTING

19.0 Annual Report

19.1 On March 31, 2011, and on an annual basis thereafter, a written report shall be prepared for the previous calendar year ("Annual Report"). The Annual Report shall be submitted to the District Manager by March 31 of each year. The report shall include, at a minimum, the following information:

- (a) a detailed monthly summary of Filter Cake sent from the Site and location of the final disposal.

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(b) a monthly total of waste discharged to sanitary sewer;

(c) 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;

Schedule ``A``

1. Application for a Certificate of Approval Waste for a Disposal Site (Processing), Ford Motor Company of Canada Limited, Oakville, Ontario dated May 18, 2010 submitted by Dan Jowski, Plant Manager to the Ministry of the Environment.
2. Additional Technical Guidance for F019 Delisting Applications under Part V, Environmental Protection Act, Ministry of the Environment, Environmental and Assessment and Approvals Branch, January 2010.

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

1. The reason for Conditions (1), (2), (3), (4) and (5) is to clarify the legal rights and responsibilities of the Owner under this Certificate of Approval.
2. The reasons for Condition (6) 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.
3. The reason for Condition (7) is to ensure that any waste located on site is cleaned-up should it be decided that the site will be closed down.
4. The reasons for Conditions (8) and (9) are to ensure that appropriate ministry staff have ready access to the Site for inspection of facilities, equipment, practices, operations and records 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.
5. The reasons for Conditions (10), (11), are to ensure that the Site is designed, constructed and operated in an environmentally acceptable manner, based on the design and operations plan for the Site.
7. The reasons for Conditions (12) and (13) are to ensure that the waste Filter Cake is properly characterized in accordance with the delisting requirements of Item 2 in Schedule A.
8. The reason for Condition (14) is to ensure that any discharges from the Site to sanitary sewer are in accordance with the regions knowledge and requirements.
9. The reason for Condition (15) 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.
10. The reason for Condition (16) is to ensure that access to the Site is limited and only operated by those that trained in accordance with Site procedures.
11. The reason for Conditions (17) 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.
12. The reason for Condition (18) are to ensure that final closure of the Site is completed in an aesthetically pleasing manner and to ensure the long-term protection of the natural environment
13. The reason for Conditions (19) 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

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report is an important tool used in reviewing site activities and for determining the effectiveness of site design.

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;
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 works are 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 20th day of September, 2010

Tesfaye Gebrezghi, P.Eng.
Director
Section 39, *Environmental Protection Act*

YI/
c: District Manager, MOE Halton-Peel
Greg Twomey, Ford Motor Company of Canada, Limited