



ENVIRONMENTAL COMPLIANCE APPROVAL

NUMBER 4024-9WFQE5

Issue Date: June 8, 2015

Progressive Waste Solutions Canada Inc.
400 Applewood Cres 2nd Floor
Vaughan, Ontario
L4K 0C3

Site Location: Navan Waste Recycling and Disposal Facility
3354 Navan Rd
Ottawa City
K4B 1H9

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:

- one (1) Soil Treatment Pad for bioremediation of soil impacted by petroleum hydrocarbons, volatile petroleum derivative compounds (VOCs including benzene, toluene, ethylbenzene and xylenes) organic compounds listed in the Ministry document "Soil, Ground Water and Sediment Standards for Use Under Part XV.I of the EPA", and low molecular weight polycyclic aromatic hydrocarbons (PAHs, including naphthalene), for the treatment of up to 22,050 tonnes of contaminated soil at any given time, and located as shown on the figure titled "Site Plan Figure 3" of the Emission Summary and Dispersion Modelling Report dated October 2014;

all in accordance with the Environmental Compliance Approval Application dated October 17, 2014 and signed by Brian Forrestal of Progressive Waste Solutions Canada Inc. (formerly BFI Canada Inc.), the Emission Summary and Dispersion Modelling report dated October 2014, signed by Ravi Mahabir, P.Eng. and submitted in support of the application, and additional information submitted via email by Ravi Mahabir P.Eng. on April 24 2015, April 27 2015, and May 11 2015, and all other supporting information and documentation submitted in support of the application.

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

1. "Approval" means this Environmental Compliance Approval, including the application and supporting documentation listed above;
2. "Best Management Practices Plan" means a document or a set of documents which describe measures to minimize dust emissions from the Soil Treatment Pad;
3. "Company" means Progressive Waste Solutions Canada Inc., that is responsible for the construction or operation of the Facility and includes any successors and assigns;
4. "Director" means any Ministry employee appointed by the Minister pursuant to Section 5 of the EPA;
5. "District Manager" means the District Manager of the appropriate local district office of the Ministry, where the facility is geographically located
6. "EPA" means the Environmental Protection Act, R.S.O. 1990, c.E.19, as amended
7. "Soil Treatment Pad" means the soil treatment pad described in the Company's application, this Approval, and in the supporting documentation submitted with the application, to the extent approved by this Approval;
8. "Facility" means the entire operation located on the property where the Soil Treatment Pad is located;
9. "Manual" means a document or a set of documents that provide written instructions to staff of the Company;
10. "Ministry" means the Ontario Ministry of the Environment and Climate Change; and
11. "Publication NPC-300" means the Ministry Publication NPC-300, "Environmental Noise Guideline, Stationary and Transportation Sources – Approval and Planning, Publication NPC-300", August, 2013, as amended.

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

TERMS AND CONDITIONS

PERFORMANCE REQUIREMENTS

1. The Company shall, at all times, ensure that the noise emissions from the Facility comply with the limits set out in Ministry Publication NPC-300.

OPERATION AND MAINTENANCE

2. The Company shall ensure that the Soil Treatment Pad is properly operated and maintained at all times. The Company shall:
 - (1) prepare, before commencement of operation of the Soil Treatment Pad, and update, as necessary, a Manual outlining the operating procedures and a maintenance program for the Soil Treatment Pad, including:
 - (a) routine operating and maintenance procedures in accordance with good engineering practices;
 - (b) emergency procedures, including spill clean-up procedures;
 - (c) procedures for any record keeping activities relating to operation and maintenance of the Soil Treatment Pad;
 - (d) all appropriate measures to minimize noise and odorous emissions from all potential sources;
 - (2) implement the recommendations of the Manual.

FUGITIVE DUST CONTROL

3. The Company shall develop in consultation with the District Manager and acceptable to the Director, a Best Management Practices Plan for the control of fugitive dust emissions. This Best Management Practices Plan shall include, but not be limited to:
 - (1) identification of the main sources of fugitive dust emissions such as:
 - (a) on-site traffic;
 - (b) paved roads/areas;
 - (c) unpaved roads/areas;
 - (d) material stock piles;
 - (e) loading/unloading areas and loading/unloading techniques;
 - (f) material spills;
 - (g) material conveyance systems;
 - (h) exposed openings in process and storage buildings; and
 - (i) general work areas.
 - (2) potential causes for high dust emissions and opacity resulting from these sources;
 - (3) preventative and control measures in place or under development to minimize the likelihood of high dust emissions and opacity from the sources of fugitive dust emissions identified above. Details of the preventative and control measures shall include:
 - (a) a description of the control equipment to be installed;

- (b) a description of the preventative procedures to be implemented; and/or
 - (c) the frequency of occurrence of periodic preventative activities, including material application rates, as applicable.
 - (4) an implementation schedule for the Best Management Practices Plan, including training of facility personnel;
 - (5) inspection and maintenance procedures and monitoring initiatives to ensure effective implementation of the preventative and control measures; and
 - (6) a list of all Ministry comments received, if any, on the development of the Best Management Practices Plan, and a description of how each Ministry comment was addressed in the Best Management Practices Plan.
4. The Company shall submit the Best Management Practices Plan to the Director and the District Manager not later than six months after the date of this Approval.
- (1) The Director may not accept the Best Management Practices Plan if the minimum requirements described in Condition No. 2 were not included in the Best Management Practices Plan.
 - (2) If the Best Management Practices Plan is not accepted by the Director, the Company shall submit a Best Management Practices Plan acceptable to the Director not later than nine months after the date of this Approval;
5. Upon acceptance of the Best Management Practices Plan by the Director, the Company shall immediately implement the Best Management Practices Plan for the control of fugitive dust emissions to provide effective dust suppression measures to any potential sources of fugitive dust emissions resulting from the operation of the Soil Treatment Pad.

DOCUMENTATION REQUIREMENTS

6. The Company shall record, in a log book, each time a specific preventative and control measure described in the Best Management Practices Plan is implemented. The Company shall record, as a minimum:
- (1) the date when each emission control measure is installed, including a description of the control measure;
 - (2) the date when each new preventative measure or operating procedure to minimize emissions is implemented, including a description of the preventative measure or operating procedure; and
 - (3) the date, time of commencement, and time of completion of each periodic activity conducted to minimize emissions, including a description of the preventative measure/procedure and the name of the individual performing the periodic activity.

RECORD RETENTION

7. The Company shall retain, for a minimum of two (2) years from the date of their creation, all records and information related to or resulting from the recording activities required by this Approval, and make these records available for review by staff of the Ministry upon request. The Company shall retain:
- (1) all records on the maintenance, repair and inspection of the Soil Treatment Pad;
 - (2) the log book which contains all records on the preventative and control measures implemented for each source of fugitive dust emission identified in the Best Management Practices Plan
 - (3) all records on the environmental complaints; including:
 - (a) a description, time, date and location of each incident;
 - (b) wind direction and other weather conditions at the time of the incident;
 - (c) the name(s) of Company personnel responsible for handling the incident;
 - (d) the cause of the incident;
 - (e) the Company response to the incident; and
 - (f) a description of the measures taken to address the cause of the incident and to prevent a similar occurrence in the future, and the outcome of the measures taken.

NOTIFICATION OF COMPLAINTS

8. The Company shall notify the District Manager, in writing, of each environmental complaint within two (2) business days of the complaint. The notification shall include:
- (1) a description of the nature of the complaint;
 - (2) the time, date and location of the incident;
 - (3) the wind direction and other weather conditions at the time of the incident; and
 - (4) the name(s) of Company personnel responsible for handling the incident.

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

- 1. Condition 1 is included to provide the minimum performance requirement considered necessary to prevent an adverse effect resulting from the operation of the Facility.

2. Conditions 2, 3, 4 and 5 are included to emphasize that the Soil Treatment Pad must be maintained and operated according to a procedure that will result in compliance with the EPA, the Regulations and this Approval.
3. Conditions 6 and 7 are included to require the Company to keep records and to provide information to staff of the Ministry so that compliance with the EPA, the Regulations and this Approval can be verified.
4. Condition 8 is included to require the Company to notify staff of the Ministry so that compliance with the EPA, the Regulations and this Approval can be verified.

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, S.O. 1993, c. 28 (Environmental Bill of Rights), 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 environmental compliance approval or each term or condition in the environmental compliance 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 environmental compliance approval number;
6. The date of the environmental compliance approval;
7. The name of the Director, and;
8. 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 Environmental Commissioner
1075 Bay Street, Suite 605
Toronto, Ontario
M5S 2B1

AND

The Director appointed for the purposes of
Part II.1 of the Environmental Protection Act
Ministry of the Environment and
Climate Change
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) 212-6349, Fax: (416) 314-4506 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 www.ebr.gov.on.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 8th day of June, 2015



Rudolf Wan, P.Eng.

Director

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

NR/

c: District Manager, MOECC Ottawa
Ravi Mahabir P.Eng., Dillon Consulting Limited

