


CERTIFICATE OF APPROVAL
AIR

NUMBER 7193-862K6K

Issue Date: July 5, 2010

The Corporation of the Township of Minden Hills
 7 Milne St
 Post Office Box, No. 359
 Minden, Ontario
 K0M 2K0

Site Location:

70 Orde Rd
 Minden Hills Township, County of Haliburton

You have applied in accordance with Section 9 of the Environmental Protection Act for approval of:

- two (2) silencers serving two (2) positive displacement blowers rated at 284 L/s against a back pressure of 55.2 kPa to supply air to the aeration tanks, the sludge holding tank and for the air lifts.

all in accordance with the Application for Approval (Air & Noise) signed by Peter Brown of the Town of Minden Hills, dated February 2, 2010, and the report entitled "Minden Hills Sewage Facility Sound Level Monitoring" prepared by J.E. Coulter Associates Limited, dated September 4, 2008 and signed by John E. Coulter/Sam Kulendran, submitted with the application.

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

1. "Acoustic Assessment Report" means the report, prepared in accordance with Publication NPC-233 submitted in support of the application, that documents all sources of noise emissions and Noise Control Measures present at the Facility. "Acoustic Assessment Report" also means the report entitled "Minden Hills Sewage Facility Sound Level Monitoring" prepared by J.E. Coulter Associates Limited, dated September 4, 2008 and signed by John E. Coulter/Sam Kulendran;
2. "Act" means the Environmental Protection Act;
3. "Certificate" means this Certificate of Approval (Air), including Schedule "A", issued in accordance with Section 9 of the Act;
4. "Company" means The Corporation of the Town of Minden Hills;
5. "District Manager" means the District Manager of the District Office of the Ministry, responsible for the geographic area in which the Facility is to be operated;
6. "Equipment" means the silencers serving the positive displacement blowers as described in the Company's application, this Certificate and in the supporting documentation referred to herein, to the extent approved by this Certificate;
7. "Facility" means the entire operation on the property where the Equipment is located;
8. "Manual" means a document or a set of documents that provide written instructions to staff of the Company;
9. "Ministry" means the Ontario Ministry of the Environment;

10. "Noise Control Measures" means measures to reduce the noise emissions from the Facility and/or Equipment including, but not limited to silencers, acoustic louvres, enclosures, absorptive treatment, plenums and barriers. It also means the noise control measures detailed in Schedule "A" of this Certificate;

11. "Publication NPC-232" means the Ministry Publication NPC-232, "Sound Level Limits for Stationary Sources in Class 3 Areas (Rural)", October 1995; as amended; and

12. "Publication NPC-233" means the Ministry Publication NPC-233, "Information to be Submitted for Approval of Stationary Sources of Sound", October, 1995 as amended.

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

TERMS AND CONDITIONS

PERFORMANCE

1. The Company shall:

(1) ensure that the noise emissions from the Facility comply with the limits set in Publication NPC-232;

(2) ensure that the Noise Control Measures detailed in Schedule "A" of this Certificate are properly maintained to ensure that the acoustical performance of the Noise Control Measures does not deteriorate and complies with the requirements of the Acoustic Assessment Report.

OPERATION AND MAINTENANCE

2. The Company shall ensure that the Equipment is properly operated and maintained at all times. The Company shall:

(1) prepare, not later than three (3) months after the date of this Certificate, and update as necessary, a Manual outlining the operating procedures and a maintenance program for the Equipment, including:

(a) routine operating and maintenance procedures in accordance with good engineering practices and as recommended by the Equipment suppliers;

(b) emergency procedures, including the spill clean-up procedures;

(c) procedures for any record keeping activities relating to operation and maintenance of the Equipment;

(d) procedures for recording and responding to environmental complaints;

(e) all appropriate measures to minimize noise and odorous emissions from all potential sources;

(2) implement the recommendations of the Manual.

RECORD RETENTION

3. 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 operation and maintenance activities required by this Certificate. These records as well as the Manual shall be made available to staff of the Ministry upon request. The Company shall retain:

(1) all records on the maintenance, repair and inspection of the Equipment;

(2) all records on the environmental complaints, including:

(a) a description, time and date of each incident to which the complaint relates;

(b) wind direction at the time of the incident to which the complaint relates;

(c) a description of the measures taken to address the cause of the incident to which the complaint relates and to prevent a similar occurrence in the future.

NOTIFICATION OF COMPLAINTS

4. The Company shall notify the District Manager, in writing, of each environmental complaint within five (5) business days of the complaint. The notification shall include:

- (1) a description of the nature of the complaint;
- (2) the time and date of the incident to which the complaint relates.

SCHEDULE "A"

NOISE CONTROL MEASURES

The following noise control measures are identified in the Acoustic Assessment Report:

- Two (2) Stoddard Silencers Model L81 (Absorption Intake Silencers or equivalent) for the two (2) Lobe Blowers, capable of providing the following values of Insertion-Loss in 1/1 octave frequency bands:

Centre Frequency (Hertz)	63	125	250	500	1000	2000	4000	8000
Insertion-Loss (decibel)	5	7	10	22	31	31	36	30

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

1. Conditions No. 1 is included to provide minimum performance requirements considered necessary to prevent an adverse effect resulting from the operation of the Facility.
2. Condition No. 2 is included to emphasize that the Equipment must be maintained and operated according to a procedure that will result in compliance with the Act, the regulations and this Certificate.
3. Condition No. 3 is included to require the Company to keep records and provide information to staff of the Ministry so that compliance with the Act, the regulations and this Certificate can be verified.
4. Condition No. 4 is included to require the Company to notify staff of the Ministry so as to assist the Ministry with the review of the site's compliance.

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 and the Environmental Review Tribunal within 15 days after receipt of this Notice, require a hearing by the Tribunal. 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;

CONTENT COPY OF ORIGINAL

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 Director
Section 9, *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**

The above noted works are approved under Section 9 of the Environmental Protection Act.

DATED AT TORONTO this 5th day of July, 2010

Victor Low, P.Eng.
Director
Section 9, *Environmental Protection Act*

HM/
c: District Manager, MOE Peterborough
John Coulter, J.E. Coulter Associates Limited