

AN ORDER OF THE CLEAN ENVIRONMENT COMMISSION  
UNDER THE CLEAN ENVIRONMENT ACT

RE: THE CLEAN ENVIRONMENT COMMISSION and PERIMETER CONCRETE, Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, Sanagro Terminals Ltd. filed a proposal with the department in connection with the operation of a concrete batch plant located in Section 36, Township 9, Range 1 EPM in the Rural Municipality of Macdonald, Manitoba;

AND WHEREAS following filing of the proposal and a change of ownership, the said concrete batch plant operated under the registered business name "Perimeter Concrete";

AND WHEREAS in the absence of limits, terms and conditions prescribed by a Regulation under the said Act, the proposal was referred to The Clean Environment Commission to prescribe limits, terms and conditions;

AND WHEREAS after giving notice of the proposal, the Commission did not receive notice of representation from any person who was likely to be affected by the issuance a Commission order concerning the said operation;

AND WHEREAS the Commission considered the proposal on the 19th day of February, 1985;

IT IS HEREBY ORDERED THAT

1. The Applicant shall not cause or permit the emission of sound from the said operation which, when measured beyond the property line of the said operation in a residential area:

(a) subject to (b), exceeds an hourly equivalent sound level of:

(i) 60 dBA during the daytime hours of 7:00 a.m., to 10:00 p.m., local time;

(ii) 50 dBA during the nighttime hours of 10:00 p.m. to 7:00 a.m., local time;

*Assigned to APC*

1. (b) where subjective evaluation or measurements indicate the sound has a significant impulsive characteristics or predominant discrete tone(s), exceeds an hourly equivalent sound level of:
  - (b) (i) 55 dBA during the daytime hours of 7:00 a.m. to 10:00 p.m., local time;
  - (ii) 45 dBA during the nighttime hours of 10:00 p.m. to 7:00 a.m., local time.
2. The Applicant shall not cause or permit visible emissions from any point of emission of the said operation that exhibit an opacity equal to or greater than:
  - (a) 40 percent at any time.
  - (b) 20 percent for a period exceeding 4 minutes in the aggregate in any one hour;
3. The Applicant shall not permit particulate matter from any source of the said operation to become airborne to such an extent that particulate matter remains visible past the property line of the said operation.
4. The Applicant shall store and handle gasoline and associated products on the site of the said operation in accordance with the provisions of applicable regulations issued under the said Act.
5. The Applicant shall at all times maintain a high standard of equipment maintenance and good housekeeping practices consistent with meeting the limits, terms and conditions prescribed by this order.
6. In this order:
  - (a) "hourly equivalent sound level" means a sound level measured in terms of the equivalent continuous sound level averaged over a one hour period (60 minutes) using a sound level monitoring device which equals or surpasses the requirement of Canadian Standards Association Standard Z 107.1 - 1973 (or the equivalent) for Type 2 sound level meters, operated on the "A-weighting network" and "slow" meter response;

6. (b) "impulsive characteristics" means hammering type sound having peaks one second or more apart - i.e. less than 60 impacts per minute;
- (c) "predominant discrete tone(s)" means a sound having a one-third octave band sound level which, when measured in a one-third octave band, exceeds the arithmetic average of the sound levels of the two adjacent one-third octave bands on either side of such one-third octave band by:
- (i) 5 dBA for such one-third octave band with a centre frequency from 500 Hertz to 20,000 Hertz, inclusive, provided such one-third octave band sound level exceeds the sound level of each adjacent one-third octave band, or;
  - (ii) 8 dBA for such one-third octave band with a centre frequency from 160 Hertz to 400 Hertz, inclusive, provided such one-third octave band sound level exceeds the sound level of each adjacent one-third octave band, or;
  - (iii) 15 dBA for such one-third octave band with a centre frequency from 25 Hertz to 125 Hertz, inclusive, provided such one-third octave band sound level exceeds the sound level of each adjacent one-third octave band.

Order No. 1058

Dated at the City of Winnipeg

this 26th day of February, 1985.

  
\_\_\_\_\_  
Chairman,  
The Clean Environment Commission.

File: 2680.0