

## AN ORDER OF THE CLEAN ENVIRONMENT COMMISSION

## UNDER THE CLEAN ENVIRONMENT ACT

RE: THE CLEAN ENVIRONMENT COMMISSION and INTERLAKE CONCRETE & GRAVEL LTD., Applicant;

- WHEREAS pursuant to the provisions of The Clean Environment Act, Interlake Concrete & Gravel Ltd. filed a proposal with the Department of Mines, Resources and Environmental Management in connection with the operation of a portable concrete batching plant with resultant emissions to the atmosphere, the said plant to be located on Section 21, Township 15, Range 2EPM in the Rural Municipality of Rockwood;
- AND WHEREAS in the absence of limits being prescribed by a Regulation under the said Act, the said proposal was referred to The Clean Environment Commission for the prescribing of limits;
- AND WHEREAS no representation was made to the Commission by any person who is or who is likely to be affected by an Order of the Commission prescribing limits in connection with the said operation;
- AND WHEREAS the Commission considered the proposal on the 8th day of May, 1978;

IT IS HEREBY ORDERED THAT

1. In this Order,

- (a) "equivalent sound level" means a sound level calculated in terms of the equivalent continuous sound level averaged over a period of time which is considered by the assessing environmental officer to be a reasonable period of time, using a sound level monitoring device which equals or surpasses the requirements of Canadian Standards Association Standard Z 107.1 - 1973 (or the equivalent) for Type 1 sound level meters, operated on the "A-weighting network" and "slow" meter response. Where the equivalent sound level is averaged over a period of time in accordance with the above, the equivalent sound level for the said period of time shall be calculated so as to exclude any sound source which the assessing environmental officer deems to be a significant interfering sound source.
- (b) "impulsive characteristics" means hammering type sound having peaks one second or more apart - i.e. less than 60 impacts per minute.

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1. (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 on the two adjacent one-third octave bands on either side of such one-third octave band by:
  - (i) 5 dB for such one-third octave band with a center 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 dB for such one-third octave band with a center 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 dB for such one-third octave band with a center 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.
  
2. The Applicant shall ensure that sound emissions from the said operation, when measured beyond the property line of the said operation:
  - (a) subject to Clause 2(b) of this Order, do not result in an equivalent sound level in excess of:
    - (i) 60 dBA during the day-time hours of 7:00 a.m. to 10:00 p.m., local time;
    - (ii) 50 dBA during the night-time hours of 10:00 p.m. to 7:00 a.m., local time.
  
  - (b) where measurements or the subjective evaluation of the assessing environmental officer indicate that the sound has a significant impulsive characteristic or predominant discrete tone(s), do not result in an equivalent sound level in excess of:
    - (i) 55 dBA during the day-time hours of 7:00 a.m. to 10:00 p.m., local time;
    - (ii) 45 dBA during the night-time hours of 10:00 p.m. to 7:00 a.m., local time.

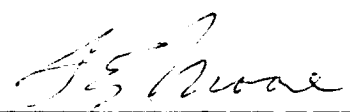
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3. The Applicant shall ensure that particulate matter from any stack or vent of the said operation is not in excess of 0.23 grams per standard cubic meter calculated at 25 degrees Celsius and 760 millimeters of mercury at the point of emission.
4. The Applicant shall ensure that particulate matter from any source of the said operation does not become airborne to such an extent that the particulate matter exhibits an opacity in excess of 5 percent past the property line of the said operation.
5. The Applicant shall ensure that a high standard of equipment maintenance and good housekeeping practices are carried out at all times to meet the requirements of Clauses 2, 3 and 4 of this Order.

Order No. 804

Dated at the City of Winnipeg

this 15th day of June, 1978.

  
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Chairman,  
The Clean Environment Commission.