

*BINDER COPY*

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

RE: THE CLEAN ENVIRONMENT COMMISSION and McCAIN FOODS LIMITED, Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, McCain Foods Limited filed a proposal with the Department of Mines, Natural Resources and Environment in connection with the operation of a potato processing plant located on Lot No. 1 on Ninth Avenue in the Industrial Park in the City of Portage la Prairie, Manitoba;

AND WHEREAS in the absence of limits being prescribed by a Regulation issued under The Clean Environment Act, the said proposal was referred to The Clean Environment Commission for the prescribing of limits;

AND WHEREAS representations were made to the Commission by persons who are likely to be affected by an order of the Commission prescribing limits in connection with the said operation;

AND WHEREAS the Commission held a hearing in Portage la Prairie on the 23rd day of July, 1979, which was adjourned on that date and reconvened on the 5th day of May, 1980, to receive evidence and representations in connection with the said operation;

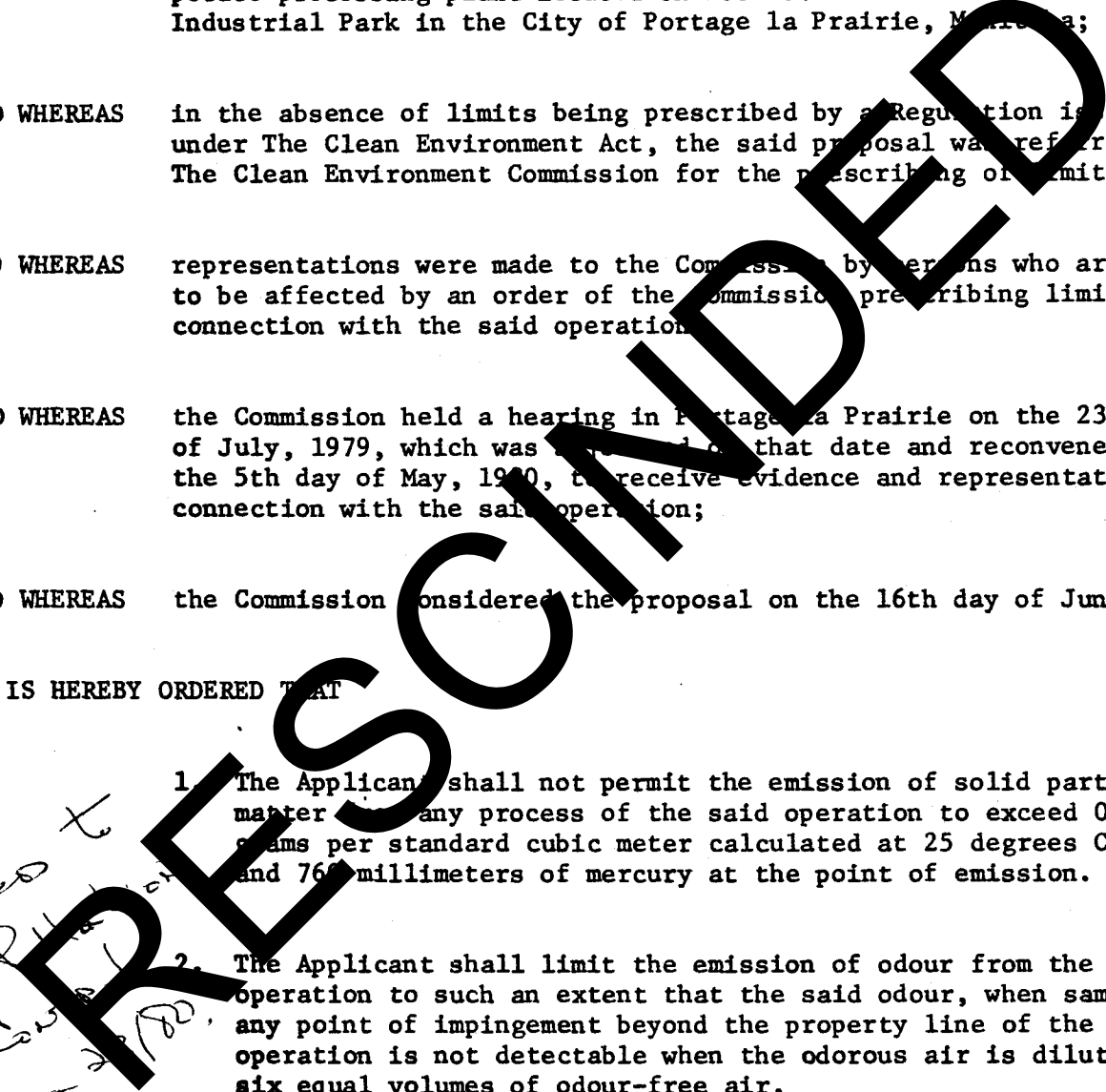
AND WHEREAS the Commission considered the proposal on the 16th day of June, 1980;

IT IS HEREBY ORDERED THAT

1. The Applicant shall not permit the emission of solid particulate matter from any process of the said operation to exceed 0.23 grams per standard cubic meter calculated at 25 degrees Celsius and 760 millimeters of mercury at the point of emission.

2. The Applicant shall limit the emission of odour from the said operation to such an extent that the said odour, when sampled at any point of impingement beyond the property line of the said operation is not detectable when the odorous air is diluted with six equal volumes of odour-free air.

*Assigned to  
Air Quality  
Control  
7/20/80  
J. G.*



3. Subject to Clause 4 of this order, the Applicant shall not permit the emission of sound from the said operation which, when measured beyond the property line of the said operation and within a residential area, results in an hourly equivalent sound level\* in excess of:

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

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

4. Where subjective evaluation or measurements indicate that the sound being emitted from the said operation has a significant impulsive characteristic\*\* or predominant wobble tone\*\*\*, the Applicant shall not permit the emission of sound from the said operation which, when measured beyond the property line of the said operation and within a residential area, results in an hourly equivalent sound level\* in excess of:

(a) 55 dBA during the daytime hours of 7:00 a.m. to 10:00 p.m., local time; and

(b) 45 dBA during the nighttime hours of 10:00 p.m. to 7:00 a.m., local time.

Order No. 886

Dated at the City of Winnipeg  
this 19th day of June, 1980.

  
Chairman,  
The Clean Environment Commission.

File: 1713.

**RESCINDED**

\* "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 requirements 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.

- \*\* "impulsive characteristic" means hammering type sound having peaks one second or more apart - i.e., less than 60 impacts per minute.
- \*\*\* "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 in the two adjacent one-third octave bands on either side of such one-third octave band by:
- (a) 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
  - (b) 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
  - (c) 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.

**RESCINDED**