

Environment Act Licence

Manitoba
Environment and
Workplace Safety
and Health



Licence No. 1239

Issue Date NOVEMBER 25, 1988

In accordance with the Manitoba Environment Act (C.C.S.M. c. E125)

THIS LICENCE IS ISSUED TO:

WINNIPEG LIVESTOCK SALES LTD.: APPLICANT

The following limits, terms, and conditions shall be complied with in connection with the operation of a livestock auction facility located on or near the north half of the southwest quarter of Section 7, Township 12, Range 2 east in the Rural Municipality of Rosser:

1. The Applicant shall not cause or permit the emission of sound from any part of the operation which, when measured in accordance with Clause 2 of this Licence, in a residential area, exceeds the following hourly equivalent continuous sound level limits:
 - (a) subject to (b):
 - (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;
 - (b) When subjective evaluation or measurements indicate the intermittent or continuous noise has a significant impulsive character or predominant discrete tone (for example, a whine or hum):
 - (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.

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2. Noise level determinations, pursuant to Clauses 1(a) and 1(b) of this Licence shall be based on measurements made as follows:
 - (a) beyond the property line of Winnipeg Livestock Sales Ltd.;
 - (b) excluding any significant sounds from other sources; and,
 - (c) in terms of the equivalent continuous sound level averaged over a 1-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.

3. In this Licence:
 - (a) "Impulsive sound" means hammering type sound having peaks one second or more apart, with less than 60 impacts per minute;
 - (b) "Predominant discrete tone" 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 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.
 - (c) "Lequivalent (L_{eq})" - the equivalent, A-weighted sound level is the intensity (dBA) of the constant or steady sound level that would result in exposure to the same total A-weighted energy as would the specified time varying sound, if the constant sound level persisted over an equal time interval. Note $L_{eq}(1)$ is the equivalent sound level for a 1-hour period, and similarly, the $L_{eq}(24)$ represents the equivalent sound level for a 24-hour period.

4. The Applicant shall limit the emission of odours to such an extent that at any point of impingement off the site of the operation, odours emanating from the operation are not detectable:
 - (a) in a residential area or commercial area when one volume of odorous air is diluted with one equal volume of odour-free air;
 - (b) in an industrial area or agricultural area when one volume of odorous air is diluted with six equal volumes of odour-free air.
5. The Applicant shall maintain a permanent, up-to-date record of all manure disposed of at any location other than at the Winnipeg Livestock Sales Ltd. operation on SW¼ Section 7-12-2E in the Rural Municipality of Rosser.
6. The Applicant shall include in the written record of manure disposal in Clause 5, detailed information including date and time of sale, amount of sale, legal description of the land where the manure is spread and the name and address of purchaser.
7. The Applicant shall not dispose of manure, hay, straw or bedding material by burning of the material on the site of the Winnipeg Livestock Sales Ltd. operation.
8. The Applicant shall spread any manure stockpiled on site at a frequency of not less than 3 times per year unless the manure is stockpiled for sales and disposal off property.



C. B. Orcutt
Director
Environmental Control Services