

# Environment Act Licence Loi sur l'environnement Licence

Manitoba  
Environment  
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Licence No./Licence n° 2141  
Issue Date/Date de délivrance November 21, 1995

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

THIS LICENCE IS ISSUED TO:

**BORDER CHEMICAL COMPANY LTD.- TRANSCONA: "the Licencee"**

for the construction and operation of the Development being a bulk granular fertilizer storage, blending/storage, and distribution facilities to be located on Block 2, Plan 32141 WLTO in the SE 1/4 17-11-4 EPM in the Rural Municipality of Springfield, subject to the following specifications, limits, terms and conditions:

## **DEFINITIONS**

In this Licence,

"**A-weighted sound level**" means the sound level measured in dBA units with a sound level meter set on the A-weighting network, being a filter designed to approximate the relative sensitivity of the normal human ear to different frequencies of sound;

"**ambient concentration**" means the measurement of a substance contained in an air sample (corrected to a temperature of 25 ° C and to a pressure of 101.3 kilopascals) which has been collected from any point beyond the property line of the Development;

"**appreciable impulsive or impact character**" means sound which has a significant amount of impulsive or impact nature, such as hammering, explosions and clanking or banging. Impulsive or impact sounds are sounds of short duration, usually less than one second, characterized by an abrupt onset followed by a rapid decay;

"**chemical**" includes, but is not limited, to petroleum products, fertilizers and pesticides;

"**Director**" means an employee so designated pursuant to The Environment Act;

"**dB**" (decibel) means a dimensionless measure of sound level or sound pressure level, where,

$$\text{sound level} = 20 \log_{10} \frac{\text{sound pressure (actual)}}{\text{sound pressure (reference)}};$$

"**4 minute period(s) in the aggregate**" means any 16 readings, not necessarily contiguous, taken at 15 second intervals within a 1 hour sampling period;

"**Leq (energy equivalent level)**" means the A-weighted sound level (as decibels {dBA}) of a constant or steady sound, for a stated period, which has an amount of acoustic energy equivalent to that contained in the sound being measured;

