

477 ed

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

RE: THE CLEAN ENVIRONMENT COMMISSION and IMPERIAL OIL ENTERPRISES LTD., Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, Imperial Oil Enterprises Ltd., submitted an application to The Clean Environment Commission in connection with the operation of a terminal for the storage and transshipment of petroleum products, known as Gretna Petroleum Products Terminal, located on Parcel A in the SE $\frac{1}{4}$ of Section 8-1-1 WPM in the Rural Municipality of Rhineland, Manitoba;

AND WHEREAS no representation was made to the said Commission by any person who is, or who is likely to be, affected by an Order of the said Commission prescribing limits in connection with the said operation;

AND WHEREAS the said Commission considered the said application on the 25th day of August, 1975;

IT IS HEREBY ORDERED THAT

1. The Applicant shall ensure that the following noise limits are not exceeded by any sound emanating from the said operation:

(a) during the daytime hours from 7:00 a.m. to 10:00 p.m., at any point within the Town of Gretna in a residential area or an area zoned residential:

PERCENTAGE OF TIME IN ANY ONE-HOUR PERIOD	SOUND LEVEL LIMIT	
	CONTINUOUS OR FLUCTUATING	TONAL OR IMPULSIVE*
(i) 2% (1.2 minutes per hour)	68 dBA	63 dBA
(ii) 10% (6.0 minutes per hour)	65 dBA	60 dBA
(iii) 50% (30 minutes per hour)	63 dBA	58 dBA
(iv) 90% (54 minutes per hour)	60 dBA	55 dBA
(v) L equivalent (hourly)	62 dBA	

*Assigned to
Air Pollution Control
September 12/75
CBO: ed*

C-6-610

1. Cont'd . . .

- (b) during the nighttime hours from 10:00 p.m. to 7:00 a.m., at any point within the Town of Gretna in a residential area or an area zoned residential:

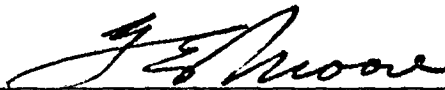
PERCENTAGE OF TIME IN ANY <u>ONE-HOUR PERIOD</u>	SOUND LEVEL LIMIT	
	<u>CONTINUOUS OR FLUCTUATING</u>	<u>TONAL OR IMPULSIVE*</u>
(i) 2% (1.2 minutes per hour)	58 dBA	53 dBA
(ii) 10% (6.0 minutes per hour)	55 dBA	48 dBA
(iii) 50% (30 minutes per hour)	53 dBA	48 dBA
(iv) 90% (54 minutes per hour)	52 dBA	45 dBA
(v) L equivalent	52 dBA	

2. The Applicant shall ensure that, at any point of impingement off the site of the said operation, odours emanating from the said operation are not detectable:
- (a) in residential areas or areas zoned residential when diluted with one equal volume of odour-free air, as determined by two samples taken not less than 15 minutes apart nor more than one hour apart;
- (b) in areas zoned industrial when diluted with six equal volumes of odour-free air, as determined by two samples taken not less than 15 minutes apart nor more than one hour apart.

Order No. 477

Dated at the City of Winnipeg

this 9th day of SEPTEMBER, 1975



 Chairman,
 Clean Environment Commission

*"Tonal of Impulsive" means noise which, when subjectively evaluated contains appreciable tonal character (whine, buzz or whirring noises), or impulsive noises (hammering, clanging or ringing noises).