

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

RE: THE CLEAN ENVIRONMENT COMMISSION and MEADOW DEVELOPMENT CORPORATION,
Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, Meadow Development Corporation filed a proposal with the department in connection with the operation of a facility for the wood preservative treatment of timber, the said facility located in the NW 1/4 of Section 13, Township 31, Range 16 WPM, in Manitoba;

AND WHEREAS in the absence of limits, terms and conditions prescribed by a regulation under the said Act, the proposal was referred to The Clean Environment Commission to prescribe limits, terms and conditions;

AND WHEREAS after giving notice of its intention to issue an order prescribing limits, terms and conditions, the Commission did not receive notice of representation from any person who was likely to be affected;

AND WHEREAS the Commission considered the proposal on the 21st day of March, 1986;

IT IS HEREBY ORDERED THAT

1. On or before the coming into operation of the said facility, the Applicant shall construct a fence surrounding the site of the facility to controll public access.
2. The Applicant shall provide drainage channels to control drainage of precipitation from the site of the said operation.
3. The Applicant shall construct and provide sealed concrete pads in connection with the said operation, of sufficient strength to prevent cracking and settling, in the following configurations, locations and specifications:
 - (a) underlying all bulk tanks on the site of the said operation and provided with:
 - (i) a concrete dyke surrounding each pad, of sufficient capacity to contain 110 percent of the contents of the tank with which the dyke is associated;
 - (ii) a sump to aid in collection of spills or leakage;

3. (b) underlying the process pumps and pressure cylinder, sloped toward the pump and provided with a curb to prevent spilling;
 - (c) underlying the retention area used for drainage of excess wood preservative from newly treated timber, of sufficient size to hold all treated timber for a period of 48 hours, so designed and constructed as to:
 - (i) be sloped and provided with curbs and a sump to retain and collect wood preservative liquid and facilitate wash down;
 - (ii) be sheltered by a roof of sufficient size to keep precipitation from coming into contact with exposed timber; or alternatively, have adequate provision made to collect the equivalent of 25 millimetres of precipitation in a 24 hour period with recycling of all moisture so collected for use as process makeup water;
 - (iii) when used in cold weather operations, be enclosed in a heated structure sufficient to maintain the drip pad at a temperature not below 5 degrees Celsius;
 - (d) covering the entire ground surface area extending between the pad installations prescribed in (b) and (c).
4. The Applicant shall take all measures necessary to prevent leakage due to freezing of wood preservative products during cold weather:
 - (a) in the event operations continue in cold weather, by providing sufficient protection to all tanks, pipes, equipment, and vessels used for the containment, utilization, and conveyance of wood preservatives;
 - (b) in the event the facility is not in operation during cold weather, by providing storage facilities sufficient to prevent frost damage or leakage due to freezing.

5. The Applicant shall construct all tanks used for the storage of wood preservative on the site of the said operation such that all such tanks are provided with:
 - (a) filler openings located on the tops of the tanks;
 - (b) fluid level indicator gauges mounted on each such tank.
6. The Applicant shall install groundwater monitoring wells on the site of the said operation as required by the Environmental Management Division at locations and in a manner satisfactory to the Division.
7. On or before a date not more than 30 days after the coming into operation of the said facility, the Applicant shall file with the Environmental Management Division a contingency plan satisfactory to the Division which plan shall contain specific directions for notifying the appropriate public authorities, including the Division, and for completing clean up and restoration operations at the site of any spill of wood preservative chemicals or other hazardous products used in connection with the said operation.
8. With regard to sampling and monitoring on the site of the said operation, the Applicant shall:
 - (a) sample groundwater from the wells installed pursuant to 6 on the 15th day of January, the 15th day of April, the 15th day of June, and the 15th day of September of each year;
 - (b) sample surface water from drainage channels adjacent to chemical storage areas, process areas and treated wood storage areas on the 15th day of April, the 15th day of June, and the 15th day of September of each year at locations and in a manner satisfactory to the Environmental Management Division;
 - (c) extract soil samples from the 0 to 7.6 centimetre depth and from the 7.6 to 12.7 centimetre depth soil layers on the 15th day of April, the 15th day of June, and the 15th day of September of each year at locations and in a manner satisfactory to the said Division;

8. (d) ensure additional samples are taken as requested, from time to time, by the said Division;
 - (e) analyze the samples taken pursuant to (a), (b), (c) and (d) for total copper, chromium and arsenic and submit a copy of the analyses to the said Division within 30 days of the end of the month in which the samples were taken.
9. The Applicant shall submit a report to the said Division on or before the 15th day of November of each year, and on other occasions as requested by the said Division, providing data including the total copper, chromium and arsenic levels in all soil and water samples in such a manner as to identify the dates and locations of samples reported upon, in a form satisfactory to the said Division.

Order No. 1088

Dated at the City of Winnipeg

this 26th day of March, 1986.



Chairman,
The Clean Environment Commission.

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