

2400.00

9408c

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

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COPY

RE: THE CLEAN ENVIRONMENT COMMISSION and ROBLIN FOREST PRODUCTS LTD.,  
Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, Roblin Forest Products Ltd., filed an application with the department in connection with the operation of a lumber mill and chemical wood treating plant located in the N 1/2 of Section 8, Township 26, Range 28 WPM in the Rural Municipality of Shell River, Manitoba;

AND WHEREAS in the absence of limits, terms and conditions set by a regulation, the application was referred to The Clean Environment Commission to set limits, terms and conditions;

AND WHEREAS after giving notice of the application the Commission did not receive notice of representation from any person likely to be affected and issued Order No. 940 on the 25th day of February, 1982;

AND WHEREAS the department, requested the Commission to vary the order to include terms and conditions to prevent soil contamination with wood preservatives;

AND WHEREAS after giving notice of the variation request the Commission did not receive an objection from any person and proceeded to consider the request on the 12th day of February, 1988;

IT IS HEREBY ORDERED THAT ORDER NO. 940 SHALL BE VARIED TO READ AS FOLLOWS:

1. The Applicant shall not permit the emission of particulate matter from any point of emission of the said operation in excess of 0.57 grams per standard cubic metre, calculated at 25 degrees Celsius and 760 millimetres of mercury, at the point of emission, adjusted, in the case of emissions involving combustion, to 12 percent carbon dioxide.

2. The Applicant shall not cause or permit visible emissions from any point of emission of the said operation in excess of an opacity of:
  - (a) subject to (b) and (c), 40 percent for a period exceeding 4 minutes in any 1 hour at the point of emission;
  - (b) 60 percent for a period or periods exceeding a total of 45 minutes once in any 24 hour period, during the starting of a new fire, at the point of emission;
  - (c) 60 percent at any time at the point of emission.
3. The Applicant shall not permit particulate matter from any source of the said operation to become airborne to such an extent that the particulate matter remains visible past the property line of the said operation.
4. The Applicant shall at all times maintain a high standard of equipment maintenance and good housekeeping practices consistent with meeting the limits, terms and conditions prescribed in this order.
5. The Applicant shall construct a fence surrounding the wood preservative treatment facility and the treated product drip pad to control public access.
6. The Applicant shall provide drains to collect surface runoff from the site of the said operation.
7. The Applicant shall, on or before the 1st day of March, 1989, construct water tight concrete drip collection pads in connection with the use of wood preservatives in the said operation, with structural properties satisfactory to the Environmental Management Division in the following configurations, locations and specifications:

7. (a) underlying all above ground wood preservative tanks on the site of the said operation and provided with:
  - (i) a concrete curb surrounding each pad, of sufficient capacity to contain 110 percent of the contents of the tank or tanks with which the curb and pad are associated;
  - (ii) a sump to aid in collection of spills or leakage;
- (b) underlying the process pumps and pressure retort, sloped toward the sump 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) if 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 ground surface area over which all treated timber is transported from the retort pressure treatment unit to the freshly treated wood storage area.

8. 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 containing, applying, and conveying 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 leaking due to freezing.
  
9. The Applicant shall construct or modify all tanks used for storing 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.
  
10. 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.
  
11. On or before the 1st day of April, 1988, 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.

12. The Applicant shall, with respect to sludge removed from rank bottoms, sumps and process equipment, and any soil contaminated with wood preservatives which is removed in cleaning up any contamination incident,
  - (a) retain such material in sealed drums on the site of the said operation until disposal is arranged;
  - (b) arrange for disposal of the contaminated soils and sludges in a manner acceptable to the Environmental Management Division;
  - (c) take samples of sludge and contaminated soil retained on the site of the said operation for analysis.
  
13. With regard to sampling and monitoring on the site of the said operation, the Applicant shall:
  - (a) sample groundwater from the wells on the site of the said operation on the 15th day of April and the 15th day of October 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 and the 15th day of October 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 and the 15th day of October of each year at locations and in a manner satisfactory to the said Division;
  - (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), (d), and 12(c) for total copper, chromium and arsenic and record the analysis results.

14. The Applicant shall submit a report to the said Division on or before the 1st day of September of each year, and on other occasions as requested by the said Division, in a form satisfactory to the Division providing data including:
- (a) the total copper, chromium and arsenic levels in all soil, sludge and water samples in such a manner as to identify the dates and locations of samples reported upon;
  - (b) the total amount and nature of wood preservative chemicals used in the year under review;
  - (c) the number of drums of contaminated sludge and soil being retained on the site of the operation on the reporting date.
15. Order No. 940, as varied by the Commission, is hereby designated as Order No. 940VC.

Order No. 940VC

Dated at the City of Winnipeg

this 18th day of February, 1988.

  
Chairman,  
The Clean Environment Commission.

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