

# Environment Licence

Licence No. 1381

Issue Date July 12, 1990

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

THIS LICENCE IS ISSUED TO:

**BEL-LOG INDUSTRIES LTD.**

**BOX 1000, BIRCH RIVER, MANITOBA; APPLICANT**

The applicant shall comply with the following limits, terms and conditions for the operation of a Pentachlorophenol (PCP) Wood Treatment Plant, in the Local Government District of Mountain on the land described as Lot 4 SP3104 DLTO in the NW 1/4 of Section 27, Township 39, Range 26WPM, in accordance with the information filed within the Environment Act Proposal Form, received March 21, 1989:

- (1) The applicant shall ensure that dripping of diesel/PCP mixture to the soil is prevented by adhering to the following:
  - a) all freshly treated wood shall remain on the drip troughs for a minimum of 48 hours; and
  - b) after the 48 hour period has elapsed, the wood shall be moved to a storage area in the yard.
- (2) The treatment tank must be covered at all times with a water proof cover to keep precipitation from collecting.
- (3) The drip trough must be covered at all times with a water proof cover to keep precipitation from entering.

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- (4) The applicant shall ensure that any contaminated water, which collects in the treatment tank or the drip troughs, is not released to the environment.
- (5) The applicant shall carry out a soil and groundwater monitoring program in accordance with Schedule A attached, to determine the degree and extent of the contamination on the site. A full report on the monitoring shall be submitted to the Director on or before January 15, 1991.
- (6) This Licence shall be reviewed by the Director on or before March 1, 1991.



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Larry Strachan, P. Eng.  
Director, Environment Act

FILE: 2909.00

SCHEDULE A

TO

BEL-LOG INDUSTRIES LTD. Licence # 1381

ENVIRONMENTAL MONITORING

1. SOILS

A detailed soil sampling program is required to determine the degree and extent of contamination of the soil with the diesel fuel and penta-chlorophenol. Sampling depths and site locations will be finalized in consultation with an Environment Officer.

2. SURFACE WATER

Samples of precipitation runoff shall be collected from ditches or low areas on the property where water collects. Surface water sampling shall be required twice in 1990, Summer (July or August) and Fall (September). The summer sample from runoff following a heavy summer rainfall (e.g. thunder shower); and the fall sample from seasonal runoff.

3. GROUND WATER

Groundwater monitoring wells shall be installed to enable sampling of the shallow groundwater beneath the property. Five wells shall be installed, one on the east side and in close proximity to the treatment tank, the second at the north east corner of the buildings which are north of the treatment tank, the third in the low area east of the treatment tank, the fourth and fifth in low lying areas west of the treatment tank, where treated wood is stored. Groundwater shall be sampled in the fall (September, 1990).

The well located on the LaRoque property to the north of the Bel-Log property shall also be sampled on the same schedule.

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4. RAINFALL WASHING EXPERIMENT OF TREATED BUNDLES

An experiment shall be conducted by Environment Personnel to determine if the preservative chemicals could be washed off treated bundles, by rainfall. A sheet of heavy guage plastic should be used to line a shallow depression under the test bundle of treated wood. Known volumes of water will be applied to each bundle allowing the water to collect on the plastic. A sample of water will be submitted for analysis.

5. CHEMICAL ANALYSES

All samples shall be analyzed for total PCP and total hydrocarbons by a qualified laboratory. Results shall be included in a report to the Environmental Control Branch due on January 15, 1991.

