

SUMMARY REPORT

FOR STAGE 1 LICENCE

PROPONENT:

Isobord Enterprises Inc.

PROPOSAL NAME:

Isobord Particle Board Manufacturing Plant

CLASS OF DEVELOPMENT:

One

TYPE OF DEVELOPMENT:

Manufacturing and Industrial Plants

CLIENT FILE NO.:

3811.00

OVERVIEW:

A proposal filed by Isobord Enterprises Inc. for the construction and operation of a straw based particle board manufacturing facility and to be located on all that portion of the east half of NE 1-11-3 WPM situated north of the Canadian National Railway Right-of-Way, Plan 917 PLTO excepting Lot 1, Plan 26065 PLTO, and all that portion of the east 500 feet of the west half of NE 1-11-3 WPM situated north of the Canadian National Railway Right-of-Way in the R. M. of Cartier. The Proposal is to operate 24 hours per day, 7 days per week, for a minimum of 330 days per year.

The Department provided the Technical Advisory Committee with information on the Proposal; made public notification in the Portage la Prairie Herald Leader Press on June 7, 1994 and the Winnipeg Free Press on June 11, 1994. The following summarizes the responses:

COMMENTS FROM THE PUBLIC:

No concerns or objections were received as a result of the public notice in the local newspaper. The Rural Municipalities of Headingley and Macdonald, as well as White-Wood Distributors Ltd. expressed support for the development.

COMMENTS FROM THE TECHNICAL ADVISORY COMMITTEE:

Community and Economic Development Services - None Received.

Natural Resources:

1. A Perimeter control drain should be provided.
2. Monitoring of surrounding watershed area to detect any pollutant deposition should be considered.
3. Are any periodic liquid discharges anticipated.

Agriculture - None Received.

Sustainable Development Unit - None Received.

Historical Resources Branch - No concerns with regard to this project's potential to impact heritage resources.

Highways - None Received.

Workplace Safety and Health Branch - None Received.

Industry, Trade & Tourism - None Received.

Health:

1. Baseline community health status should be measured
2. Potential adverse effects should be monitored.
3. A community advisory group should be formed.
4. Ambient air monitoring should be done prior to and after operation of the development is initiated.
5. Ambient air monitoring should include PM₁₀ levels.
6. Accident due to poor winter road conditions information should be included in the baseline community profile and monitored. Increases to hazardous conditions due to water vapour exhausted from the plant should be monitored.
7. The potential for odours should be commented on in the report.

Environment - Regional Operations Division:

1. Standard noise clause be included in licence.
2. Standard clause with source limits on particulate emissions and requirement for the proponent to install appropriate stack sampling ports and facilities be included in licence.
3. Fugitive dust emission clause be included in the licence.
4. PMDI, VOC, etc. emission limits should be considered and included in the licence if possible.
5. A clause stipulating that all solid waste and non-recyclable materials must be disposed of at the municipal landfill should be considered.
6. Establishment of baseline ambient air quality and regular ambient air monitoring as proposed by the proponent should be included in the licence.
7. Odours may or may not be a concern with this facility. A clause should be included in the licence to address potential odour nuisance.

Environment - Quality Management Branch - Air Quality Management Section:

1. VOC emissions should be substantiated.
2. Data verifying the moisture content should be provided.
3. Pollutant removal efficiencies should be provided, particularly for the PM₁₀ portion of the total particulate matter.
4. The basis or source for estimated emission levels should be provided.
5. Dry particulate control equipment should be reconsidered in light of air dispersion modelling indication of potential exceedences.
6. An emergency back-up plan for the filter plants should be identified.
7. Clarification of "hot air curing of the exhaust gases" should be provided.
8. Detailed air modelling should be undertaken since the screening model identified potential exceedences of point of impingement criteria. As well the receptor height used in the air dispersion modelling should be reduced which may increase the maximum concentrations calculated.
9. Longer averaging periods should be assessed (24-hour and annual).
10. Appropriate sound level clauses should be included in the Licence.

Environment - Water Quality Management Section:

1. Municipal water and sewage infrastructure adequacy should be reviewed.

Environment - Terrestrial Quality Management Section:

1. Comment on potential impacts on vegetation should be provided.
2. If there is a potential to impact vegetation pre- and post-operation monitoring should be implemented.

Environment Canada - None Received.

Fisheries & Oceans Canada:

1. DFO will not be an initiating department pursuant to the federal EARP.
2. Water source should be identified.

A series of Staged Licences will be issued for this development. The first Staged Licence will authorize construction within specified requirements, will require the submission and implementation of monitoring plans, and require the submission of a contingency plan. Subsequent stages will address the start-up and compliance testing and the on-going operation of the development.

The responsibility for enforcement of the Licence should be retained by Municipal & Industrial Approvals until a final operating Licence is issued.

PREPARED BY:

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Manager, Municipal & Industrial Approvals
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