

Environmental Assessment
Registration Form

King's Pressure Treating
Point of Bay, NL

Pressure Treated Lumber Production

Prepared for
Dept. of Environment & Conservation

October 22 , 2007

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A. Proponent

Name of Corporate Body

King's Pressure Treating

Address

Mailing Address: Box 30
 Point of Bay, NL
 A0H 2A0

Production Plant: Box 30
 Point of Bay, NL
 A0H 2A0

Chief Executive Officer

Derek King
General Manager
King's Pressure Treating
Box 30
Point of Bay, NL
A0H 2A0
Telephone: (709) 257-2075

Principal Contact Person for Purposes of Environmental Assessment

Same as above.

B. The Undertaking

Nature of the Undertaking

A pressure treated lumber production facility will be constructed and enable the production of said lumber for resale through various commercial means. The plant will be the only of its kind in NL. to pressure treat kiln dried and green lumber in an environmentally friendly process and setting.

Purpose / Rationale/ Need for the Undertaking

King's Pressure Treating will be created in 2007/ 2008 under the laws of the Province of Newfoundland and Labrador. The present shareholders of the Company are as follows:

60% Derek King
20% Clayton King Jr.
20% Stephene Hemeon

As this is a new business start-up, the principle business activity of the company has been non-existent at this point. The plant will operate on crown land to be purchased in the Point of Bay, NL region.

It is a known issue in the Newfoundland and Labrador lumber industry that true pressure treatment is completed on the Mainland of Canada and then shipped back for retail.

King's Pressure Treating has had discussions with members of the Lumber industry, pressure treatment plant engineers, government officials, suppliers and potential retailers. All expressed great support and optimism for the venture and realized its strong potential for success. The first official step in this process being is this filing for registration with the Government of Newfoundland and Labrador, Dept. of Environment, Environment Assessment Division. This project would comply with all components of the EA Regulations Section 39(1) for wood preservation facilities.

C. Description of the Undertaking

Geographic Location

The site is located on the southwestern side of Point of Bay in Point of Bay, NL and the boundaries are as follows:

- On the east by woodland
- On the northeast by Bay of Exploits Rd. (Point of Bay Rd.)
- On the north, by woodland and Bay of Exploits Rd.
- On the west by woodland.
- On the south by woodland and the access road on which the plant is to be located.
- Provincial District: Exploits, MHA – The Hon. Clayton Forsey.
- Federal District: Bonavista, Gander, Grand Falls- Windsor MP – Scott Simms.

See Appendix B for overhead map view of location.

Physical Features

The site is approximately 4954 square metres and will likely house two buildings:

- To house the pressure treatment equipment (60' x 80')
- To house the fork-lift and other required materials

The site will also house a number of tanks to be utilized in the production of the products (See Appendix A for preliminary plant layout).

Construction

The pressure treatment equipment will be constructed under the supervision of an engineer specializing in this industry. He will be contracted from a firm in Texas, Advance Engineering, and will utilize the local labour market to complete the welding and construction activities. It is expected to be completed during 2008, assuming a relatively close project start date. It is not expected that there will be any pollutants during the construction period, including airborne emissions, liquid effluents or solid waste materials.

The equipment that will be installed will consist of a treating cylinder, 2 work tanks, water tank, ACQ chemical container (See Appendix A).

Operation

King's Pressure Treating expects to begin production of two grades of pressure treated lumber during. Grade #1 will be the highest quality product, being kiln dried and then pressure treated. Grade #2 will be 'green' wood, which doesn't absorb the same chemical treatment as a dried wood, and will retail for a lower price. The initial production is anticipated to be 20,000 ft per day. This number may be increased to 30,000ft depending on the demand for the product and the labour supply.

The timeframe for this venture, in terms of construction, plant production and sales, is still undecided. Regulations, financing and construction are the primary determinants of the appropriate project timeframe.

Process

The following is a brief description of the process flow:

- The wood will be acquired in varying form from a Newfoundland producer on a just-in-time inventory basis.

- The wood will be prepared for the treatment.
- The product will be entered into the pressure drum.
- Finished products will be stored on the premises or shipped immediately.
- Treatment unit will be returned to ready state.
- Process will be continued regularly until all orders or capacity is met.

D. Potential Pollutants

As this is an environmentally friendly pressure treatment process, potential pollutants will not be present. The chemicals which are used are primarily absorbed by the wood during the pressure treating process, and the bath is reused.

E. Waste Treatment

King's Pressure Treating will require no waste treatment system as the project operates with non-toxic chemicals and will utilize pre-processed wood. General waste materials will be disposed of through normal waste management methods.

F. Water Supply

The town of Point of Bay will be providing the water supply to the plant.

G. Approval of Undertaking

- The site is within a Municipality, (Town of Point of Bay) therefore the necessary municipal permit has been obtained through the local council.
- The approval of this project will create substantial work within the region including site preparation and construction, materials procurement, supply line development as well as a proposed three full-time positions within the business itself.

H. Funding

The main source of funding will be finance capital. Various financial routes will be leveraged to procure the funding necessary for this project. Banks, the Business Development Bank, the Community Development Corporation, ACOA, the Self-Employment Benefits program, and personal equity will all be utilized to ensure this venture is properly funded.

Funding from Human Resources Development Canada may be utilized to assist in the training of employees and the Atlantic Canada Opportunities Agency in the form of repayable contributions. The estimated cost of the project will be approximately \$1,250,000.

Date

Derek King, General Manager

I. Appendices

Blue Print of Building

Arial Map