

## **SUMMARY OF COMMENTS/RECOMMENDATIONS**

**PROPONENT:** MS. EILEEN REYNOLDS  
**PROPOSAL NAME:** TREMAINE BIODIESEL PLANT-  
CELTIC POWER & MACHINING LTD.  
**CLASS OF DEVELOPMENT:** 1  
**TYPE OF DEVELOPMENT:** MANUFACTURING -  
INDUSTRIAL PLANT-BIODIESEL  
**CLIENT FILE NO.:** 5237.00

### **OVERVIEW:**

On November 29, 2006, Manitoba Conservation received a Proposal dated November 19, 2006, for the operation and construction of a manufacturing plant to produce biodiesel fuel and distribution facilities to be located on the NE¼ 25-13-19 WPM in the Rural Municipality of Saskatchewan. The proponent intends to construct a 80' x 50' building to house the biodiesel processor including oil seed extraction, and workshop production facility to manufacture biodiesel process equipment. Oilseed and methanol storage bins (double walled for methanol) will be located outside the building. The actual biodiesel processor is a 5000 litre batch type capable of producing 10,000 litre per day and this proposal is for 2 million litre production per year. The hours of operation are normal working hours, 8 am – 5 pm for 250 days per year. Some extended overtime may result if circumstances warrant.

No public concerns were received in response to the advertisement of this proposal in the Rivers Banner published on Saturday December 23, 2006. The proposal was placed in the Public Registries at the Winnipeg Public Library, the Manitoba Eco-Network, the Western Manitoba Regional Library and the Environment Library (Main). The proposal was distributed to TAC on December 19, 2006, with the closing date for TAC and Public comments on January 24, 2006.

### **COMMENTS FROM THE PUBLIC:**

No public concerns were received.

### **COMMENTS FROM THE TECHNICAL ADVISORY COMMITTEE:**

**Historic Resources Branch** has no concern with regard to its potential impact on heritage resources.

**Canadian Environmental Assessment Agency** state that based on their staff survey, application of the *Canadian Environmental Assessment Act* with respect to this proposal will be required. National Resources Canada may provide funding for the project and, therefore must complete a federal environment assessment (EA) pursuant to the Act. Health Canada has concerns about the proponent's knowledge of chemical processing systems and recommends consulting with a professional. Other concerns include storage capacities, containment for hazardous chemicals, the development of an emergency

response plan and measures to be used to mitigate employee health and safety concerns. They also mention noise emissions, vehicle traffic, odours, protection of groundwater and the disposition of the co-products of the process (glycerine and fatty acids) and will they meet acceptable grades/standards for their intended markets. Environment Canada states the proponent did not provide sufficient details to enable their environmental assessment review. The proponent should be aware of the prohibitions of the Fisheries Act in placing deleterious substances (chemical spills) in surface waters; the Canadian Environmental Protection Act and regulations and if required prepare and implement an environmental emergency plan and notify Environment Canada. The proponent was also informed about their New Substances Notification Regulations, the National Pollutant Release Inventory and sulfur limits under the Fuels Regulations.

Disposition:

Federal comments have been forwarded to the project proponent for follow-up, as appropriate, and in accordance with the requirements of the Canada – Manitoba Agreement on Environmental Assessment Cooperation.

**Community Planning** state the lands to be used are located in the RM of Saskatchewan and subject to the Mid-West Planning District Development Plan By-law No. 4-2000 and the RM of Saskatchewan Zoning By-law No. 1144. According to the Mid-West plan, the lands are designated as a “Rural Policy Area” and this proposal is consistent with the policies provided the bio-fuels are not for sale or use by the public from this site. According to the RM of Saskatchewan Zoning By-law No. 1144, the subject lands are zoned “AG”- Agriculture General and would require a conditional use order which describes minimum distance requirements for placement of buildings, accessory structures and storages.

Disposition:

The information was provided to the proponent for response. Additional information was provided by the proponent. Concerns are addressed in the draft licence.

**Sustainable Resource & Policy Management Branch** has reviewed this proposal and has concerns about the qualifications of persons designing, constructing and operating this project. They request additional information regarding distances to sensitive receptors, hours of operation, quantities of materials to be handled and methods to be used to prevent or minimize air releases/emissions including air pollution control equipment. They also have concerns regarding potential traffic impacts and provisions to be provided for sewer waste and plant generated waste disposal including generators licence for hazardous waste disposal. They state methanol and/or blending with diesel fuel or gasoline may be regulated by the Storage and Handling of Petroleum and Allied Products Regulation which would require an installation permit by a licensed Petroleum Technician.

Disposition:

The comments/concerns have been provided to the proponent for response. The proponent provided additional information. The concerns are addressed in the draft licence.

**Transportation & Government Services** state the subject property is immediately adjacent to PTH 10 and within the highway control area. Development on this site required a permit (or amendment of an existing permit) from the Highway Traffic Board. They state they have concerns if any discharges of smoke or steam may affect highway visibility. New access onto PTH 10 would not be supported.

**Disposition:**

Concerns were provided to the proponent. The proponent states that access to the development is a service road off PTH 24 and that they do not anticipate steam or smoke discharges from this operation. The concerns are addressed in the draft licence.

**Health** has concerns that provision for noise and odour emissions and monitoring be addressed in the licence.

**Disposition:**

The concerns are addressed in the draft licence.

**Ag. Land Use Planning Spec.** state that soils in the area are predominantly Class 2 and the entire area is zoned “AG” Agriculture General. They also state the site is an abandoned schoolyard and have identified no concerns from an agricultural perspective.

**Water Stewardship** states that if the plant is self-supplied with water, the proponent will need to apply for a water rights licence. Fisheries Branch has concerns and request further information regarding any release of contaminants, site berming, water sources and disposal of concentrates. Fisheries are also concerned about potential drainage to a tributary of the Little Saskatchewan River which has a diverse fishery. Water Quality Management is mainly concerned with site containment and recovery of any potential spills from storage tank areas. They also request additional information regarding the source of water and protection of groundwater and surface water qualities.

**Disposition:**

The comments/concerns have been provided to the proponent for response. The Proponent provided additional information. The concerns are addressed in the draft licence.

**PUBLIC HEARING:**

No public hearing will be conducted.

**RECOMMENDATION:**

TAC concerns are addressed in the draft licence.

The responsibility for enforcement of the Licence should remain with Environmental Assessment & Licensing Branch until the proponent complies with Clauses 5, 7, 16, 17, 18, and 20.

A draft Environment Act Licence is attached for the Director's consideration.

PREPARED BY:

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February 6, 2007

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