



**Conservation and Water Stewardship**

Environmental Stewardship Division  
Environmental Approvals Branch  
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**File: 4914.00**  
**EAL. 2612 RR**

May 20, 2015

Mr. Dave MacDonald.  
Evergreen Environmental Technologies  
Box 947,  
Minnedosa, MB R0J 1E0  
**Via Email:** [evergreentech@xplornet.ca](mailto:evergreentech@xplornet.ca)

Dear Mr. MacDonald:

**Re: Evergreen Environmental Technologies – Notice of Alteration to Licence # 2612 RR**

Thank you for the Notice of Alteration (NoA) dated April 22, 2015 in which you proposed to install a gasification facility for the purpose of trial and demonstration at your Evergreen Environmental Technologies facility. The proposed alteration to Environment Act Licence 2612 RR indicated that, in cooperation with Celtic Power & Machining and Sigma Professional Engineering, you intend to burn municipal waste as a demonstration project to assess the performance of a gasification technology and evaluate if provincial air emission requirements can be met.

Upon review of your alteration request, I have concluded that, due to the duration of the demonstration tests and the proposed air emission monitoring, the environmental effects of the NoA will be insignificant, and, therefore, in accordance with Section 14(2) of *The Environment Act* you are hereby authorized to carry out the proposed alteration as described in the April 22, 2015 NoA. This approval is conditional on the following requirements:

1. A notice shall be provided at least one week prior to beginning a trial.
2. Type of waste material used for each trial shall be documented indicating the volume, date and time of burning.
3. No hazardous waste shall be burned in the gasifier during this demonstration trial.
4. Upon the request of an Environment Officer, burning must cease immediately.
5. The air emission monitoring and reporting shall follow the most recent version of Manitoba Conservation Report No. 96-07, "Interim Stack Sampling Performance Protocol", unless otherwise approved by the Director, and shall be performed for all pollutants listed in the attached Schedule A.
6. Subsequent approval to run the gasifier will be reassessed based on the stack emission sampling results submitted to the Director.

7. The ash and fly ash shall be deposited as per clause 14 of Licence 2612 RR.
8. An electronic copy of a report summarizing the trial and outcomes of the trial shall be provided to the Director upon completion of the trial.
9. This approval letter is only for the purpose of demonstration and expires on March 31, 2016.

If you have any questions regarding this matter, please contact Mr. Eshetu Beshada of this office at (204) 945-7023.

Yours truly,

*“originally signed by”*

Tracey Braun, M.Sc.  
Director

- c: Don Labossiere, Director, Environmental Compliance and Enforcement Branch  
Tim Prawdzik, Provincial Manager, Environmental Compliance and Enforcement Branch  
Cory Switzer, Environmental Engineer, Environmental Approvals Branch  
Brian Reynolds, Celtic Power & Machining - [brian@celticpower.ca](mailto:brian@celticpower.ca)  
Jerry Green, Sigma Professional Engineering, - [jgreen0105@yahoo.com](mailto:jgreen0105@yahoo.com)  
Wendy Bulloch, Southwest Regional Development Corporation- [bullochw@mymts.net](mailto:bullochw@mymts.net)  
Eshetu Beshada, Environmental Engineer, Environmental Approvals Branch  
Public Registries

**Schedule A**

**Emission Monitoring**

**Pollutant**

Particulate Matter

Hydrogen Chloride

Carbon Monoxide

Dioxins & Furans

Mercury

Sulphur Dioxide

Oxides of Nitrogen

Lead

Cadmium

Arsenic

Chromium

Polyaromatic hydrocarbons

Polychlorinated biphenyls

Chlorophenol

Chlorobenzene