



City of
Peterborough

TO: Members of the Waste Management Committee

FROM: Melanie Kawalec, Manager of Waste Management

MEETING DATE: September 20, 2010

SUBJECT: Report WMC10-006
Entech – REM Wesleyville

PURPOSE

A report to inform Committee of Entech – REM's proposal to construct a gasification plant on Wesleyville Road in Port Hope.

RECOMMENDATIONS

That the Waste Management Committee endorse the recommendations as outlined in Report WMC10-006 dated September 20, 2010, of the Manager of Waste Management as follows:

- a) That Report WMC10-006 be received for information, and
- b) That Staff be directed to invite representatives from Entech – REM to attend a Waste Management Committee meeting to present their proposal for a gasification plant at Wesleyville Road in Port Hope.

BUDGET AND FINANCIAL IMPLICATIONS

There are no budget or financial implications associated with this report.

BACKGROUND

Entech and Renewable Energy Management Inc. (REM) purchased a 23-acre site on Wesleyville Road, Port Hope in August 2009 to site a Material Recycling and Advanced

Conversion Gasification Facility. The Advanced Conversion Facility is a low temperature "gasification" process for converting waste to energy.

The proposed facility would receive up to 350,000 tonnes of municipal and industrial waste annually, recycle all viable materials, and convert the remaining materials into a synthetic gas. This gas is then combusted and used to create electricity for sale to the grid. Final capacity output would be approximately 40 MW.

Entech - REM has initiated the Environmental Assessment "Screening" process. A public information open house was held on Wednesday January 13th, 2010. REM is currently selecting members to form their Public Liaison Committee. Specific site reports and studies are being completed and will be presented at the second public information open house, to be held later this fall. MOE permitting approval is expected in the late fall of 2010.

As this new technology will be located within our service radius, staff suggest that Entech-REM be contacted and invited to present an overview of their technical proposal at a future Waste Management Committee meeting.

Further information on this proposal is available on their web site at www.rem-energysolutions.com.

SUMMARY

Staff continues to update the Waste Management Committee on new and emerging technology as they become sustainable and available to our local market area.

Submitted by,

Melanie Kawalec,
Manager Waste Management

Attachment 1 – Entech – REM Wesleyville

Contact Name:
Phone – 742-7777 Ext. 1724
Fax – 876-4621
E-mail address – Mkawalec@peterborough.ca

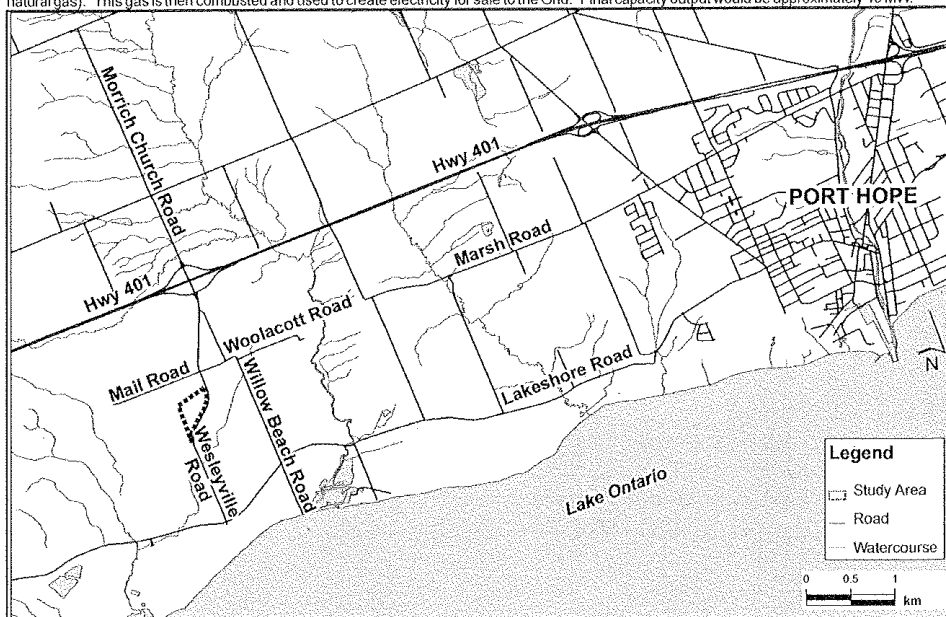
Attachment 1 – Entech – REM Wesleyville

NOTICE OF 1ST PUBLIC INFORMATION OPEN HOUSE UNDER THE ENVIRONMENTAL ASSESSMENT ACT

ENTECH-REM WESLEYVILLE

Renewable Energy Management Inc. (REM) is proposing to construct a Material Recycling and Advanced Conversion Gasification Facility on the 23 acre site identified as the Study Area in the map below. The site is located approximately 5 km west of Port Hope and is bounded by a CN rail line to the north and Wesleyville Road to the east and south.

The project is subject to the Ministry of the Environment's Environmental Screening Process for Waste Management Projects, Regulation 101/07, as set out in the Guide to Environmental Assessment Requirements for Waste Management Projects dated March 15, 2007. The proposed facility would receive municipal and industrial waste, recycle all viable materials, and convert the remaining materials into a synthetic gas (with properties similar to natural gas). This gas is then combusted and used to create electricity for sale to the Grid. Final capacity output would be approximately 40 MW.



The Screening Process will assess the potential effects of the proposed facility on the natural and socio-economic environment during its construction, operation and decommissioning. Public consultation will be an integral component of this process. Public, First Nations/Métis and regulatory consultation will be conducted on an on-going basis to seek input on various study components. You are invited to attend an Open House to discuss the proposed project, the ESR process and to provide comments on the issues to be addressed in the study.

For further information, please contact:

Renewable Energy Management Inc.
1101 Kingston Rd, Suite 270
Pickering, ON, L1V 1B5
Phone: 905 839 4766
Contact: Doug Starr
Email: info@rem-wesleyville.ca
Website: www.rem-wesleyville.ca

OPEN HOUSE

DATE: WEDNESDAY JANUARY 13, 2010
TIME: 5:00 PM TO 8:00 PM
LOCATION: CAPITOL ARTS THEATRE
20 QUEEN ST, PORT HOPE
STUDIO THEATRE, UPSTAIRS



Under the Freedom of Information and Protection of Privacy Act and the Environmental Assessment Act, unless otherwise stated in the submission, any personal information such as name, address, telephone number and property location included in a submission will become part of the public record files for this matter and will be released, if requested, to any person.