



THE REGIONAL MUNICIPALITY OF PEEL

WASTE MANAGEMENT STRATEGIC ADVISORY COMMITTEE

AGENDA

WMSAC - 2/2016

DATE: April 21, 2016

TIME: 11:00 AM – 12:30 PM

LOCATION: Regional Council Chamber - 5th Floor
10 Peel Centre Drive, Suite A
Brampton

MEMBERS: F. Dale; A. Groves; J. Innis; M. Palleschi; C. Parrish; K. Ras; R. Starr;
A. Thompson; J. Tovey

Chaired by Councillor M. Palleschi or Vice-Chair Councillor J. Innis

1. **DECLARATIONS OF CONFLICT OF INTEREST**
2. **APPROVAL OF AGENDA**
3. **DELEGATIONS**
 - 3.1 **Riccardo Cosentino, Vice President, Infrastructure Development, Capital, SNC-Lavalin, and Larry Hainer, Manager, Boiler Product Lines, The Babcock and Wilcox Company** Regarding the Experiences and Benefits Associated with the Energy-From-Waste Technology **(As Requested By The Waste Management Strategic Advisory Committee at its meeting held on November 19, 2015)**
 - 3.2 **Mark Lyons, Senior Manager, Business Development, Wheelabrator Technologies and David Garcia, Urbaser** Regarding the Experiences and Benefits Associated with the Energy-From-Waste Technology **(As requested by the Waste Management Strategic Advisory Committee at its meeting held on November 19, 2015)**
 - 3.3 **Joey Neuhoff, Vice President and General Manager, Covanta and Jennifer Baron, Business Manager, Covanta's Durham-York Energy Centre Project,** Regarding the Experiences and Benefits Associated with the Energy-From-Waste Technology **(As requested by the Waste Management Strategic Advisory Committee at its meeting held on November 19, 2015)**
4. **REPORTS**

5. COMMUNICATIONS

- 5.1. **Joseph P. Lyng, General Manager, Emerald Energy from Waste Inc. (Emerald)**, Letter dated February 18, 2016, Providing Comments on the Presentations by Emerald and Waste Management of Canada Corporation at the February 18, 2016 Waste Management Strategic Advisory Committee meeting (Receipt recommended)

6. IN CAMERA MATTERS

7. OTHER BUSINESS

8. NEXT MEETING

Thursday, June 16, 2016, 11:00 a.m. – 1:00 p.m.
Regional Administrative Headquarters
Council Chamber, 5th Floor
10 Peel Centre Drive, Suite A
Brampton, Ontario

9. ADJOURNMENT

5.1-1



February 18, 2016

Kathryn Lockyer, Regional Clerk
Regional Municipality of Peel,
10 Peel Centre Drive,
Brampton On.,
L6T 4B9

REFERRAL TO _____
RECOMMENDED _____
DIRECTION REQUIRED _____
RECEIPT RECOMMENDED _____

Attention: Chair and Members of Waste Management Strategic Advisory Committee

Subject: Peel Waste Management Strategic Advisory Committee Meeting Feb. 18, 2016

Good afternoon Madam Clerk:

We thank the Chair and Councillors for the opportunity to discuss our proposal to increase waste diversion in Peel by 30,000 tonnes of waste. We appreciate your time and look forward to our follow up discussions with staff on our proposal.

During the presentation by Waste Management, we noted a few items that require clarification. The first item involves the generation of hazardous waste at our facility. We noted that the majority of any hazardous waste generated at our facility is the dust collected in our air pollution control system. Most of this material is in fact lime used to control acid gas emissions. The lime is purchased from a producer in Ontario. Only a small portion of the material shipped to Quebec actually originates in the gasification process. It is also important to note that although our lime is disposed at a hazardous landfill, its properties help reduce the hazardous characteristics of other wastes when mixed at the landfill.

As the new owner of the facility, we identified the virtual elimination of hazardous waste from our operations as an important environmental initiative. We are currently implementing a technology to treat our APC residue on site to allow us to manage it as non-hazardous waste. This technology is very common in our industry and is currently being used at the Durham-York Energy Centre. We expect to have the system in place within a year; much of this time allocated to the approval process.

We are maintaining the long history of recycling our bottom ash as landfill cover. We also recognize that we should be able to do better. Consequently, we are exploring improvements to our bottom ash processing technology to improve the ferrous metal recovery and introduce non-ferrous metal recovery.

We remain committed to the waste management hierarchy presenting in our proposal. The most effective means of recovering materials from the waste stream is to separate them at source. Our facility has a long history of diverting waste from disposal and is designed to recovering energy.

YOUR ZERO WASTE TO LANDFILL PARTNER

5.1-2

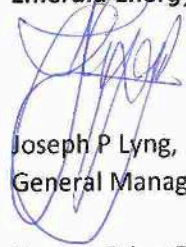
The Twin Creeks landfill is an excellent waste disposal facility and is equipped with an advanced environmental control systems and a landfill gas collection system as mandated by Ontario regulations. Energy from a landfill gas system is certainly a welcome benefit but it is secondary to the system's primary purpose of controlling a greenhouse gases and odours. To be viable in the long term, landfill gas systems need organics in the waste to produce methane. We heard today that the province intends to implement an organics strategy that will remove organics from the waste stream. The initiatives implemented by Waste Management to reduce the impact of their site on the environment are commendable but the reality is, materials delivered to the site remains disposal.

We offer one final thought. Our proposal can immediately increase diversion in Peel by 30,000 tonnes while providing the Region with the flexibility to periodically re-evaluate their waste management options and chose a path that is best for the community. Should the Region at some point in the future determine it is in their interest to resume shipping waste to landfill where a portion of their waste may be processed to divert recyclables, this option remains open. Given the current uncertainty in the waste industry, this flexibility is a powerful tool that can be used to help the Region meet its environmental and fiscal objectives.

Again thank you for your time this morning and look forward to working with the Region to re-establish Emerald as a resource

Sincerely

Emerald Energy from Waste Inc.



Joseph P Lyng,
General Manager

C Brian O'Connor, President
John Pappain, Strategic Advisor

RECEIVED

FEB 24 2016

Region of Peel
Clerks Dept.