

## **The Regional Municipality of Durham**

### **Minutes**

#### **Energy From Waste – Waste Management Advisory Committee**

**Tuesday, November 23, 2021**

A meeting of the Energy From Waste – Waste Management Advisory Committee was held on Tuesday, November 23, 2021 in Council Chambers, Regional Headquarters, 605 Rossland Road East, Whitby, at 7:00 PM. Electronic participation was permitted for this meeting.

#### **1. Roll Call**

Present: G. Gordon, Whitby, Chair  
W. Baszyk, Brock  
R. Fleming, Pickering  
K. Meydam, Clarington  
G. Rocoski, Oshawa  
J. Vinson, Clarington

Absent: V. Daram, Ajax  
S. Elhajjeh, Clarington  
P. Haylock, Clarington, Vice-Chair

#### **Non-Voting Members**

Present: A. Burke, Senior Planner, Special Projects, Municipality of Clarington  
Councillor Jones, Local Councillor, Municipality of Clarington  
L. Kwan, Environmental Specialist, Covanta

#### **Staff**

Present: G. Anello, Director of Waste Management Services  
R. Inacio, Systems Support Specialist – Information Technology  
A. Porteous, Supervisor of Waste Services  
N. Prasad, Assistant Secretary to Council, Corporate Services –  
Legislative Services

#### **2. Declarations of Interest**

There were no declarations of interest.

**3. Adoption of Minutes**

Moved by G. Rocoski, Seconded by R. Fleming,  
That the minutes of the EFW-WMAC meeting held on Tuesday,  
September 28, 2021, be adopted.  
CARRIED

Moved by G. Rocoski, Seconded by R. Fleming,  
That the minutes of the Special EFW-WMAC meeting held on  
Thursday, October 14, 2021, be adopted.  
CARRIED

**4. Announcements**

There were no announcements.

**5. Presentations**

There were no presentations.

**6. Delegations**

There were no delegations.

**7. Correspondence**

There were no correspondence items.

**8. Administrative Matters**

- A) Update by Greg Gordon, EFW-WMAC Chair, and Phil Haylock, EFW-WMAC Vice Chair, regarding the finalization and presentation of the EFW-WMAC 2021 Annual Report for presentation to Durham Region's Works Committee on December 8, and to the Municipality of Clarington's Council on December 13, 2021
- 

G. Gordon advised that the EFW-WMAC Annual Report will be presented to the Works Committee on December 8, 2021 and to Clarington Council on December 13, 2021. He inquired whether there were any comments or suggestions from the committee.

Discussion ensued with respect to the importance of increasing education for the public regarding home composting as well as the Ministry of the Environment's Auditor's Report which highlighted recycling and waste management as an issue and organics recycling in multi residential buildings.

G. Gordon advised that the following additions will be made to the Annual Report:

- the Committee will review the Ministry of the Environment's Auditor's Report, specifically the comments on the gaps in waste management reduction and organics reduction; and
- under Summary of Work Done by the Committee, a statement dealing with communicating and outreach on home or community-based organics recycling

B) EFW-WMAC Work Plan – Next Steps

---

G. Gordon suggested the following go forward action be added to the Work Plan: to partner with the Durham Region Works Department to help focus on the gaps in the Extended Producer Responsibility (EPR) regulation and what the Ministry of the Environment has identified in the Auditor's Report as gaps in waste management organics.

**9. Other Business**

A) Update by Gioseph Anello, Director, Waste Management Services, the Regional Municipality of Durham, regarding Durham Region's Organics Management Project

---

G. Anello provided an update regarding Durham Region's Organics Management Project. He advised that staff is currently in the procurement process and have identified three prequalified potential contractors that will be responsible for the Organics Management Project, which includes the mixed waste pre-sort and the anaerobic digestion. He provided an overview of the procurement process and advised that the recommended proponent would be considered at the June 2022 Regional Council meeting.

Staff responded to questions with regards to whether there are other emissions emitted from the project; whether there are ongoing negotiations with the Municipality of Clarington; whether there is a visual aesthetics component to the bid; and when will the project be operational.

B) Update by Gioseph Anello, Director, Waste Management Services, the Regional Municipality of Durham, regarding Extended Producer Responsibility

---

G. Anello provided an update regarding Extended Producer Responsibility (EPR).

G. Anello advised that Extended Producer Responsibility will transition the Blue Box program for Durham Region in 2024.

He advised that as the material recovery facility will become a stranded asset in 2024, staff will be looking at a procurement process which will require the proponent to operate the facility for a two year period and then lease the property for another five years to get the remaining value out of the equipment and the building.

C) Update by Gioseph Anello, Director, Waste Management Services, the Regional Municipality of Durham, regarding the Durham York Energy Centre

---

G. Anello provided an update regarding the Durham York Energy Centre (DYEC).

G. Anello advised that the DYEC recently underwent a scheduled minor outage that started on September 25<sup>th</sup> and ended on October 7<sup>th</sup>. He advised that as certain components of the DYEC are coming to the end of their life, they have to be inspected and Covanta will be looking to do some major repairs next year.

G. Anello advised that as of the end of October 2021:

- the DYEC processed about 115, 000 tonnes;
- it generated about 84,000 megawatt hours of electrical energy;
- it has recovered 2,600 tonnes of ferrous metal and about 370 tonnes of non-ferrous metals; and
- the Region has had to bypass about 16,000 tonnes of waste to landfill due to the facility being down for maintenance and the capacity of the facility being exceeded due to the high heat value of the waste.

G. Anello further advised that there are no issues with regards to the continuous emissions monitoring and no exceedances have been reported since the last report. The next stack testing is being planned for the last week of November, 2021.

Staff responded to questions with regards to the location of the landfill the waste was diverted to; whether the facility resumed full operation after the October 7<sup>th</sup> scheduled maintenance; whether or not all AMESA related data (including lab analysis and monthly period sampling) have been retained at the DYEC since the samples of furans and dioxins started to be collected in the fall of 2015, and whether this information is retained at the site and available for the public to view.

Staff also responded to questions regarding whether the lab reports are sent only to Covanta; whether the AMESA samples sent to the lab include all the materials caught in the AMESA sampling train and are used to analyze the total quantity of dioxins and furans; whether there are any parts not analyzed; whether the monthly AMESA sampling collects continuously over all operating conditions and if there are any conditions where it would be turned off; whether the Region has a consultant for AMESA or for AMESA matters; whether there are any contractual agreements relating to the burner operations between Durham York and Covanta that could be impacted should Covanta be acquired by another entity; and whether staff has experienced any supply chain issues with the DYEC.

**10. Next Meeting**

The next regularly scheduled meeting of the EFW-WMAC will be held on Tuesday, February 22, 2022 in Council Chambers, at 7:00 PM, Regional Headquarters, 605 Rossland Road East, Whitby.

**11. Adjournment**

Moved by K. Meydam, Seconded by B. Bastyk,  
That the meeting be adjourned.  
CARRIED

The meeting adjourned at 7:56 PM.

---

G. Gordon, Chair, Energy from Waste –  
Waste Management Advisory Committee

---

N. Prasad, Assistant Secretary to Council