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## **The Regional Municipality of Durham**

### **Minutes**

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

**Tuesday, September 28, 2021**

A meeting of the Energy From Waste – Waste Management Advisory Committee was held on Tuesday, September 28, 2021 in Council Chambers, Regional Headquarters, 605 Rossland Road East, Whitby, at 7:00 PM. In accordance with Provincial legislation, electronic participation was permitted for this meeting.

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

Present: G. Gordon, Whitby, Chair  
W. Baszyk, Brock  
V. Daram, Ajax  
S. Elhajjeh, Clarington  
R. Fleming, Pickering  
P. Haylock, Clarington, Vice-Chair  
K. Meydam, Clarington  
G. Rocoski, Oshawa  
J. Vinson, Clarington

Absent: None

#### **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  
W. Marsden, Acting Facility Manager, Covanta  
Councillor Joe Neal, Regional Councillor  
D. San Juan, Environmental Health Specialist, Health Department,  
Durham Region

#### **Staff**

Present: G. Anello, Director of Waste Management Services  
R. Inacio, Systems Support Specialist – Information Technology  
L. Malyjasiak, Works Technician 3, Waste Services, Works  
Department  
A. Porteous, Supervisor of Waste Services  
S. Glover, Committee Clerk, Corporate Services – Legislative  
Services

**2. Declarations of Interest**

There were no declarations of interest.

**3. Adoption of Minutes**

Moved by G. Rocoski, Seconded by G. Gordon,  
That the minutes of the EFW-WMAC meeting held on  
Tuesday, May 25, 2021, be adopted.  
CARRIED

**5. Announcements**

There were no announcements.

**6. Presentations**

There were no presentations.

**7. Delegations**

There were no delegations.

**8. Correspondence**

There were no correspondence items.

**9. Administrative Matters**

A) EFW-WMAC Comments on Durham Region's Long-Term Waste  
Management Plan (LTWMP) (2020-2040)

A. Porteous provided an update regarding the status of the Long-Term Waste Management Plan (LTWMP). She advised that a draft plan, executive summary, and targets and actions summary was put together over the Summer. She further advised that Phase 2 of the plan opened on September 20, 2021 and that the deadline for public comments is October 25, 2021.

A. Porteous advised that a virtual public open house is available at [www.durhamwasteopenhouse.ca](http://www.durhamwasteopenhouse.ca), and staff will be hosting a live town hall event scheduled for October 19, 2021. She advised that next steps will be to review the consultation feedback from the various committees, departments, stakeholders, and the public, make changes if needed, and then prepare a report and a presentation that will be presented to Regional Council in early 2022 for approval.

G. Anello added that Committee members are also able to submit comments on an individual basis until October 25, 2021.

Staff responded to questions regarding whether the LTWMP targets address the new blue box regulations; how the energy generated from Durham's waste will be used; the extended hours for waste operation facilities stated in the LTWMP; the potential use for landfill sites and converting them to greenspace; how the methane production on existing landfills in Durham Region is being captured/managed and whether it can be used for energy production; and how the increase of multi-residential buildings would affect the LTWMP targets.

Discussion ensued regarding the innovation aspect of the LTWMP and what the Committee could work on independently to address concerns with waste diversion. G. Anello advised there are a number of problematic materials with respect to diversion such as polystyrene (expanded and rigid) and plastic film that need to be addressed. He advised that he will send the list of problematic materials to G. Gordon to review.

B) EFW-WMAC Work Plan (2021-2022)

G. Gordon reviewed the draft EFW-WMAC work plan with the Committee members.

It was the consensus of the Committee that a special EFW-WMAC meeting be called in order to accept Committee comments on the LTWMP's Targets and Actions, and to approve the 2021-2022 EFW-WMAC Work Plan.

**10. 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.

G. Anello advised that the Request for Proposals (RFP) went out in August 2021 and will remain open until March 2022 to receive responses from the pre-qualified proponents. He further advised that staff will report back to Committee and Regional Council in June 2022 regarding the preferred proponent.

Staff responded to questions from the Committee regarding whether mediation between the Region and the Municipality of Clarington is still ongoing; and who the three selected proponents for the organics management project are.

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

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

G. Anello advised that the Region will be transitioning the Blue Box in 2024 to EPR which will mean that producers will be responsible for organizing, collecting, processing, and marketing of the blue box materials . He advised that the Region has a deadline of this week to identify who is currently receiving Blue Box services through the Region. He further advised that the City of Toronto will be transitioning to EPR in 2023 and that staff will be monitoring that closely.

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

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

G. Anello advised that the DYEC is currently undergoing its Fall scheduled maintenance and that both boilers will be down for about 10 days for cleaning and inspection. He advised that the DYEC has processed about 69,000 tonnes of garbage, recovered 1,700 tonnes of metals, and generated roughly 53,000 megawatts of electricity for sale to the grid for the first half of the year. He further advised that the boilers have been operating at about 90% availability. The high heat value of the waste has resulted in a by-pass of waste. He added that 9,000 tonnes of waste was sent to alternate disposal landfills for the first half of the year.

G. Anello advised that the preliminary results of the Spring Source Stack Test are available and that the results were very good. He advised that there will be a report presented to Committee and Council in the near future. He highlighted the following results:

- Dioxins and Furans measured 4.1 picograms for Boiler #1, and 7.4 picograms for Boiler #2 where the limit is 60 picograms per metre cubed
- Total Suspended Particulate Matter measured 0.78 milligrams for Boiler #1, and 0.25 milligrams for Boiler #2 where the limit is 9 milligrams per cubic metre

- Lead measured 0.44 micrograms for Boiler #1, and 0.32 micrograms for Boiler #2 micrograms where the limit is 50 micrograms per metre cubed
- Mercury measured 0.086 micrograms for Boiler #1, and 0.081 micrograms for Boiler #2 where the limit is 15 micrograms per metre cubed

G. Anello advised that Matt Nield, Plant Manager, Covanta retired at the end of August, and that William (Bill) Marsden will be his temporary replacement. He advised that the Chief Operating Officer of the DYEC will be Acting Plant Manager in B. Marsden's absence. He also advised that Amanda Huxter, Environmental Specialist, Covanta has retired and Lydia Kwan, Environmental Specialist, Covanta is her replacement.

G. Anello advised that staff have a final draft for the streamlined Environmental Assessment that will be provided to the Ministry of the Environment, Conservation and Parks for a final review. They have one month to review and if any comments are received, staff would make the appropriate changes and submit a final version to the Ministry of the Environment, Conservation and Parks by the end of 2021.

G. Anello responded to questions from the Committee regarding whether any Lakeridge Health facilities in Durham Region send their medical waste to incinerators; and an update regarding the emergency Environmental Compliance Approval (ECA) amendment application.

In response to a question from the Committee regarding which Committee the report regarding the Spring source stack test results would be considered at, G. Anello advised the report will be considered by the Works Committee and then Regional Council, but a copy of the report can be emailed to the EFW-WMAC Committee members for their information.

**11. Next Meeting**

The next regularly scheduled meeting of the EFW-WMAC will be held on Tuesday, November 23, 2021 in Council Chambers, at 7:00 PM, Regional Headquarters, 605 Rossland Road East, Whitby.

**12. Adjournment**

Moved by K. Meydam, Seconded by G. Gordon,  
That the meeting be adjourned.

CARRIED

The meeting adjourned at 8:32 PM.

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

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S. Glover, Committee Clerk