

The Regional Municipality of Durham

Minutes

Energy From Waste – Waste Management Advisory Committee

Thursday, March 25, 2021

A meeting of the Energy From Waste – Waste Management Advisory Committee was held on Thursday, March 25, 2021 in Council Chambers, Regional Headquarters, 605 Rossland Road East, Whitby, at 7:00 PM.

1. Roll Call

Present: W. Baszytk, Brock
V. Daram, Ajax
S. Elhajjeh, Clarington
R. Fleming, Pickering
G. Gordon, Whitby
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 Janice Jones, Local Councillor, Municipality of Clarington
L. Kwan, Environmental Specialist, Covanta attended the meeting at 7:16 PM
M. Neild, Facility Manager, Covanta

Staff

Present: G. Anello, Manager, Waste Planning and Technical Services
R. Inacio, Systems Support Specialist – Information Technology
S. Glover, Committee Clerk, Corporate Services – Legislative Services

2. Welcome and Introductions

G. Anello, Director of Waste Management Services, welcomed the new and returning committee members to the orientation meeting and advised that the meeting was an opportunity for the committee members to introduce themselves and get to know each other. The members were given the opportunity to provide some of their background and their interest in the EFW-WMAC.

3. Declarations of Interest

There were no declarations of interest.

4. Adoption of Minutes

Moved by G. Rocoski, Seconded by B. Baszytk,
That the minutes of the EFW-WMAC meeting held on
Tuesday, November 24, 2020, 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 considered.

9. Administrative Matters

There were no administrative matters considered.

10. Other Business

- A) Update by Gioseph Anello, Director, Waste Management Services,
The Regional Municipality of Durham

G. Anello provided an update on the following:

- i. Durham Region's 2021 Solid Waste Management Budget
- ii. Durham Region's Annual Waste Management Reports
- iii. Durham Region's Long-Term Waste Management Plan (2021 to 2040)
- iv. Durham Region's Organics Management Project
- v. Extended Producer Responsibility
- vi. Durham York Energy Centre

G. Anello advised that the EFW-WMAC will act in an advisory role to the Durham Works Committee on issues or concerns which arise with

respect to waste diversion, waste management, environmental performance and monitoring of the EFW facility.

Durham Region's 2021 Solid Waste Management Budget

G. Anello advised that 90% of the Solid Waste Management budget for 2021 is allotted for non-discretionary items (what the Region is required to do). He advised that there are two exciting projects for 2021.

The two projects are:

- 1) Implementation of a biocover at the City of Oshawa Landfill (closed in 1980) that is made of organic material and will promote the growth of methane eating microbes that will help to reduce the Region's greenhouse gas footprint. This pilot project will be in cooperation with academia and the biggest challenge will be the monitoring of the project; and
- 2) Improvements at the City of Oshawa Waste Management Facility. The project will be aimed at optimizing the operations at the transfer station to decrease the amount of traffic and improve the Region's waste management facility diversion which currently sits at 20-30%. G. Anello advised that a study will be completed this year regarding improvements to the waste management facility.

G. Anello advised that staff will be looking at a potential transfer-like function of the Township of Brock's waste to the Municipality of Clarington. Staff are currently looking at a transfer function that would be located at the Township of Brock landfill.

In response to a question from B. Bastzyk regarding a request for additional information on the bioremediation of the landfills, and the potential transfer function of the Township of Brock's waste, G. Anello advised that he would provide a summary to him directly.

Durham Region's Annual Waste Management Reports

G. Anello advised that there are two waste management reports issued annually. The first report is on the Region's diversion efforts, collection efforts, and total tonnage collected and processed. The second report is on the performance of the Energy from Waste facility located in the Municipality Clarington, which is a requirement of the Environment Compliance Approval (ECA). He advised that the ECA report will be issued March 31, 2021 and will be available online. He further advised that M. Smart will email the Committee the associated links once they are available.

Durham Region's Long-Term Waste Management Plan (2021 to 2040)

G. Anello advised that the long-term waste management plan has gone through the first round of consultation, and staff are preparing to start the second round of consultation in May. He advised that staff will report back to the committee with a draft plan for the Committee's comment and input around the June timeframe. G. Anello advised that the long-term waste management plan will guide the Region from 2021 to 2040, and that there will be incremental 5-year plans that will provide the opportunity for a review of the plan and to make adjustments as needed. He advised that the Plan is aimed to be presented to the Works Committee and Regional Council in the Fall/Winter of this year.

Durham Region's Organics Management Project

G. Anello advised that Durham Region's Organics Management project will move to an anaerobic digester that will allow the Region to review the green bin program and investigate the introduction of diapers and pet waste into the program. He advised that the anaerobic digester would create methane biofuel which would be cleaned up to a renewable natural gas. He further advised that the second part of the project is a mixed waste pre-sort system that will open the black garbage bags and sort out the organics and non-combustibles (metals, ferrous and non-ferrous materials), as well as any marketable recyclables. G. Anello advised that this would help to delay an expansion of the DYEC beyond 2030-2035.

Extended Producer Responsibility (EPR)

G. Anello advised that currently producers pay 50% of the Region's costs for: recycling, tires, electronics and household hazardous waste. EPR will make the producers pay 100% of the costs and also give them control over the programs. He advised that the incentive will be for the producers to make changes to their packaging and to look at producing value in the recycled materials.

G. Anello stated that Durham Region is currently in transition to EPR with tires, electronical waste and batteries already being migrated over. He advised that by July the intent is for producers to also oversee the household hazardous waste program and that the Region is waiting for the release of the regulations for the blue box program. He further advised that the Region will most likely transition the blue box program in 2024.

Durham York Energy Centre (DYEC)

G. Anello advised that at each meeting he will provide an update on the operations at the DYEC. He advised that the DYEC takes the residual garbage, after the recyclables have been removed, and uses a mass burn thermal technology where the steam generates electricity. He further advised that each year the DYEC generates electricity that goes into the grid and is also used to run the facility.

G. Anello also advised that a tour of the DYEC facility will be arranged when in-person meetings can resume.

G. Anello asked the Committee to think about the development of an EFW-WMAC workplan for the next meeting. He advised that M. Smart will email samples of workplans from other advisory committees to the Committee.

- B) Update by Gioseph Anello, Director, Waste Management Services, The Regional Municipality of Durham regarding Durham Region's integrated waste management system and the EFW-WMAC Work Plan (2021 to 2022 – Term Five)
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This item was discussed earlier in the meeting under Item 10. A) Update by Gioseph Anello, Director, Waste Management Services, The Regional Municipality of Durham. See pages 2 to 5 of these minutes.

11. Next Meeting

The next regularly scheduled meeting of the EFW-WMAC will be held on Tuesday, May 25, 2021 in Council Chambers, at 7:00 PM, Regional Headquarters, 605 Rossland Road East, Whitby.

12. Adjournment

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

The meeting adjourned at 8:05 PM.

G. Anello, Director of Waste Management
Services

S. Glover, Committee Clerk