



The Regional Municipality of Durham
Energy from Waste-Waste Management
Advisory Committee

Tuesday, May 24, 2022

7:00 PM

Council Chambers

Regional Headquarters Building

605 Rossland Road East, Whitby

In an effort to help mitigate the spread of COVID-19, and to generally comply with the directions from the Government of Ontario, **it is requested in the strongest terms that Members participate in the meeting electronically**. Regional Headquarters is closed to the public, all members of the public may view the [Committee meeting via live streaming](#), instead of attending the meeting in person. If you wish to register as a delegate regarding an agenda item, you may register in advance of the meeting by noon on the day prior to the meeting by emailing delegations@durham.ca and will be provided with the details to delegate electronically.

1. Roll Call

2. Declarations of Interest

3. Adoption of Minutes

A) Of the EFW-WMAC meeting held on February 22, 2022

Pages 4 to 10

4. Announcements

5. Presentations

There are no presentations.

6. Delegations

There are no delegations.

7. Correspondence

There are no items of correspondence.

8. Administrative Matters

A) EFW-WMAC Work Plan – Next Steps

9. Other Business

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

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

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

10. Date of Next Meeting

Tuesday, September 27, 2022 at 7 p.m.

11. Adjournment

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The Regional Municipality of Durham

Minutes

Energy From Waste – Waste Management Advisory Committee

Tuesday, February 22, 2022

A meeting of the Energy From Waste – Waste Management Advisory Committee was held on Tuesday, February 22, 2022 in Council Chambers, Regional Headquarters, 605 Rossland Road East, Whitby, at 7:02 PM. Electronic participation was permitted for this meeting.

1. Roll Call

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

Absent: S. Elhajjeh, Clarington

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, Facility Manager, 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 W. Basztyk, Seconded by G. Rocoski,
That the minutes of the EFW-WMAC meeting held on Tuesday,
November 23, 2021, be adopted.
CARRIED

4. Announcements

There were no announcements.

5. Presentations

- A) Angela Porteous, Supervisor, Waste Operations, and Gioseph Anello, Director, Waste Management Services, the Regional Municipality of Durham, regarding 'Long-Term Waste Management Plan 2021 Consultation, Final Long-Term Waste Management Plan 2021 to 2040 and first Five-Year Action Plan'
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Angela Porteous, Supervisor, Waste Operations, and Gioseph Anello, Director, Waste Management Services, provided a PowerPoint presentation regarding Long-Term Waste Management Plan 2021 Consultation, Final Long-Term Waste Management Plan 2021 to 2040 and first Five-Year Action Plan.

Highlights of the presentation included:

- Long-Term Waste Management Plan Development
- Development of Draft Waste Plan, Targets and Short, Mid and Long-Term Actions
- Waste Plan Consultation (2020-2021)
- What We Heard
- Long-Term Waste Management Plan: Development and Update Framework
- Waste Plan Targets and Actions
- Next Steps

G. Anello provided an overview of the consultation that was undertaken to develop the Plan and advised of the comments received through the consultation process. He also provided an overview of the development and update framework which consists of the following pillars: Guiding Principles; Vision; Objectives; Targets; Actions; the Long-Term Waste Management Plan; and the Five-Year Action Plan.

With regards to the Waste Plan Targets and Actions, A. Porteous stated that targets have been developed to meet the objectives; there are measurements to assess the progress on meeting targets; and actions have been developed for the Region and the community to contribute to meeting the targets. She advised that the timelines for the actions have been broken down into short-term; mid-term; and long-term action plans. She also advised that the targets and actions will be reviewed during the timelines and that the Action Plan will be reviewed and updated every five years.

A. Porteous provided a detailed overview of the Targets, Measures and Actions being proposed for the following five objectives of the Five-Year Action Plan:

- Objective 1 – Engage with residents to build an understanding and awareness of the 5Rs and the Region's waste management programs and services;
- Objective 2 – Reduce the quantity of waste we create;
- Objective 3 – Increase diversion of waste from disposal and support the circular economy;
- Objective 4 – Support the Region's greenhouse gas (GHG) reduction and climate change mitigation efforts; and
- Objective 5 – Protect or improve water, land and air quality in Durham Region.

A. Porteous stated that with regards to the Five-Year Action Plan, actions are aligned with the 2022 budget and capital forecast being presented in February 2022; implementation and work on the 2022 actions can begin after budget approval; the progress on targets will be reported annually; and after five years, the Action Plan will be reviewed.

G. Anello provided an update on the following suggestions from the committee:

- Staff is looking into a separate collection bin basket for batteries;
- Staff is unable to review garburators as a potential solution for waste organics due to the capacity at wastewater plants;
- Staff is unable to look at moving from bins to carts due to the costs involved and upcoming Extended Producer Responsibility (EPR) transition; and

- With regards to greenhouse gases and the use of sand filters to grow bacteria to create a biofilter, he advised that a bio-cover has the potential to decrease methane by 90% and staff is currently looking at renewing contracts for collection and placing a requirement to use compressed natural gas trucks in the contracts.

With regards to promotion and education, A. Porteous provided an update on options for the annual waste management calendar. She advised that staff is looking at how to get the information out to the community or whether they should continue printing the calendars. She also advised that staff is looking at alternative options such as the waste app, downloadable calendars, and materials to be available in different languages.

With regards to the Extended Producer Responsibility, G. Anello advised that staff is working on the material recovery facility and a Request for Proposal so the facility can be leased once it is no longer needed in 2024.

Staff responded to questions with regards to the pipeline between the anaerobic digester and the Courtice wastewater plant.

6. Delegations

There were no delegations.

7. Correspondence

There were no correspondence items.

8. Administrative Matters

A) EFW-WMAC Work Plan – Next Steps

G. Gordon inquired whether there were any committee members interested in working with the Durham Region Works Department to help with initiatives such as the Extended Producer Responsibility (EPR); bio-gas cover; waste streams; outreach programs etc. He requested that any interested members advise him by email.

G. Anello advised that they are planning special waste events for each municipality and a schedule will be provided once finalized.

Staff responded to questions with regards to textile conversion; bio-covers on landfill sites for methane conversion and whether there is a plan to provide carbon dioxide sequestration through trees or other green horticultural materials to prevent carbon dioxide from getting into the atmosphere.

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 has recently finished commercially confidential meetings with the proponents. Staff is now working on finalizing the project agreement and is looking for a time frame for submissions with proposals to be submitted by April 15th. He advised that once council approval is given, staff will begin the development of the environmental compliance approval application.

Staff responded to questions with regards to the effluent management aspect of the selected organics vendor and their design; whether there will be opportunities for public or committee input with regards to the projects going forward; whether information will be provided regarding what is expected of the proponent and the specifications of requests of the proponent.

Staff also responded to questions with regards to the anaerobic digester and whether the green bins would have to be replaced. With regards to committee involvement, it was requested that staff provide a list of the specific areas in the Works Department where help is needed.

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). He stated that Extended Producer Responsibility will transition the Blue Box program for Durham Region in 2024. He advised that the Ministry is working through some issues with producers regarding the structure of regulations but has confirmed that the transition dates will not change.

G. Anello advised there is interest in leasing the material recovery facility and staff is working on a Request for Proposal to lease the facility for a five year period after which the value of the equipment should be depleted. He also advised that the blue box program as legislated by the Ministry will no longer provide services to small commercial and institutional businesses after the transition and staff will be seeking Council's support to continue to service those business areas on a cost recovery basis.

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). He advised that staff has received the draft results of the fall source tests, which were well below compliance limits.

G. Anello advised that Durham Region processed approximately 140,500 tonnes of waste last year and that about 17,000 tonnes were sent to landfill as bypass. He advised that staff is in the process of looking at the replacement of some larger pieces of equipment during the March/April 2022 time frame.

Staff responded to questions with regards to the notice of completion for the Environmental Assessment screening and the committee not being able to provide comments due to the report not being sent out in time. Staff was requested to bring such reports to the committee's attention before the close of the commenting period.

10. Next Meeting

The next regularly scheduled meeting of the EFW-WMAC will be held on Tuesday, May 24, 2022 in Council Chambers, at 7:00 PM, Regional Headquarters, 605 Rossland Road East, Whitby.

11. Adjournment

Moved by K. Meydam, Seconded by R. Fleming,
That the meeting be adjourned.
CARRIED

The meeting adjourned at 8:28 PM.

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

N. Prasad, Assistant Secretary to Council