



## **The Regional Municipality of Durham**

### **Energy from Waste-Waste Management Advisory Committee**

**Tuesday, September 22, 2020**

**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](mailto:delegations@durham.ca) and will be provided with the details to delegate electronically.

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**1. Roll Call**

**2. Declarations of Interest**

**3. Adoption of Minutes**

- |    |   |                |
|----|---|----------------|
| A) | Of the EFW-WMAC meeting held on February 22, 2020     | Pages 4 to 9   |
| B) | Of the EFW-WMAC special meeting held on July 15, 2020 | Pages 10 to 15 |

**4. Announcements**

**5. Presentations**

- A) Presentation by Gioseph Anello, Director, Waste Management Services, The Regional Municipality of Durham (Region), regarding '[Durham Region 2019 Annual Waste Management Report](#)'.

**6. Delegations**

There are no delegations to be heard.

**7. Correspondence**

There are no items of correspondence to be considered.

**8. Administrative Matters**

There are no administrative matters to be considered.

**9. Other Business**

- A) Update by Gioseph Anello, Director, Waste Management Services, The Regional Municipality of Durham, regarding the Region's Long-Term Waste Management Plan (2021 to 2040).
- B) Update by Gioseph Anello, Director, Waste Management Services, The Regional Municipality of Durham, regarding the Durham York Energy Centre.
- C) Update by Gioseph Anello, Director, Waste Management Services, The Regional Municipality of Durham, regarding Extended Producer Responsibility (EPR).
- D) Update by Gioseph Anello, Director, Waste Management Services, The Regional Municipality of Durham, regarding the Region's Organics Management Project.
- E) Update by George Rocoski, EFW-WMAC Chair, regarding preparation of the EFW-WMAC Annual Report for presentation on December 2, 2020, to the Region's Works Committee, and on December 14, 2020, to the Municipality of Clarington's Council.

**10. Date of Next Meeting**

Tuesday, November 24, 2020

## **11. Adjournment**

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Written information (either paper or electronic) that you send to Durham Regional Council or Committees, including home address, phone numbers and email addresses, will become part of the public record. This also includes oral submissions at meetings. If you have any questions about the collection of information, please contact the Regional Clerk/Director of Legislative Services.

## **The Regional Municipality of Durham**

### **Minutes**

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

**Tuesday, February 25, 2020**

A meeting of the Energy From Waste – Waste Management Advisory Committee was held on Tuesday, February 25, 2020 in Room LLC, Regional Headquarters, 605 Rossland Road East, Whitby, at 7:00 PM.

Present: G. Rocoski, Oshawa, Chair  
W. Basztyk, Brock  
W. Bracken, Clarington, attended the meeting at 7:01 PM  
A. Burrows, Ajax  
T. Farrell, Brock  
C. McLean, Ajax, left the meeting at 8:20 PM  
K. Meydam, Clarington

Absent: S. Elhajjeh, Clarington, Vice-Chair  
H. Sukhu, Clarington

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

Present: A. Burke, Senior Planner, Special Projects, Municipality of Clarington  
Councillor Janice Jones, Local Councillor, Municipality of Clarington  
M. Neild, Facility Manager, Covanta

#### **Staff**

Present: G. Anello, Manager, Waste Planning and Technical Services  
M. Januszkiewicz, Director, Waste Management Services  
A. Porteous, Supervisor, Waste Services  
M. White, Systems Support Specialist – Information Technology  
S. Penak, Committee Clerk, Corporate Services – Legislative Services

#### **1. Declarations of Interest**

There were no declarations of interest.

#### **2. Adoption of Minutes**

Moved by T. Farrell, Seconded by B. Basztyk,  
That the minutes of the EFW-WMAC meeting held on  
Thursday, November 26, 2019, be adopted.  
CARRIED

G. Rocoski on behalf of the Committee thanked M. Januszkiewicz, G. Anello, and all of the other staff involved for arranging the waste facility tours. The Committee suggested that any new members to the EFW-WMAC should attend these tours for the educational and awareness benefits.

W. Bracken referenced Section 4B), page 4, first paragraph of the November 26, 2019 EFW-WMAC meeting minutes and stated that the whistleblower did not occur at the DYEC but at a “United States facility”. Staff advised they would make that correction.

### **3. Announcements**

There were no announcements made.

### **4. Presentations**

#### **A) Gio Anello, Manager, Waste Planning and Technical Services, re: Report #2020-COW-02: Solid Waste Management: 2020 Strategic Issues and Financial Forecast**

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G. Anello provided a PowerPoint presentation regarding Report #2020-COW-02: Solid Waste Management: 2020 Strategic Issues and Financial Forecast. A copy of the presentation was provided as a handout at the meeting.

Highlights of his presentation included:

- Strategic Issues and Financial Forecast 2020
- Transition to Extended Producer Responsibility (EPR)
- Food and Organic Waste Policy Statement
- Long Term Waste Management Plan
- Strategic Issues
- Financial Implications

G. Anello responded to questions from the Committee regarding timelines for public consultation; what percentage of the regional budget is dedicated to education; and whether the Region has any connection with environmental studies students from Trent University.

At the request of the Committee, M. Januszkiewicz provided an overview of the transition to Extended Producer Responsibility at this time.

M. Januszkiewicz responded to questions from the Committee regarding when Durham will be phased in; whether the collection of special items (tires, batteries, etc.) will continue or become curbside collection; and when this project will be posted on the Environmental

Bill of Rights (EBR) website for commenting. Staff advised that the next meeting with the Province of Ontario will be held March 9, 2020, where staff will be in attendance as well as the producers and service providers.

Discussion ensued regarding the calling a special meeting in the Summer to discuss the potential impacts EPR will have on Durham Region.

Moved by B. Basztyk, Seconded by T. Farrell,

That a special EFW-WMAC meeting be called in the June/July timeframe once staff have received additional information and direction from the Province, to discuss the potential impacts on Durham Region regarding Extended Producer Responsibility (EPR), and that potential meeting dates be sent to Committee members for review.

CARRIED

B) Gio Anello, Manager, Waste Planning and Technical Services, re: the Mixed Waste Pre-Sort Facility/ Anaerobic Digestion Siting Process

G. Anello provided a PowerPoint presentation regarding the Mixed Waste Pre-Sort Facility/ Anaerobic Digestion Siting Process. A copy of the presentation was provided as a handout at the meeting.

Highlights of his presentation included:

- Siting Goal and Meeting Objectives
- Siting – Where are We?
- Siting Methodology
- Proposed Siting Methodology – Long List to Short List
- Short List of Sites
- Next Steps – Short List Evaluation

G. Anello advised that an open house will be held on Thursday, February 27, 2020 at Regional Headquarters for residents to learn about the six potential site locations for the new Anaerobic Digestion (AD) and Waste Pre-Sorting facility in Durham Region. He advised that a comparative report of the six proposed sites will be posted for a 2-week comment period.

G. Anello advised that staff plan to have a report brought to the April 15, 2020 Committee of the Whole meeting with a recommendation on whether to move forward with a partner (Epcor). The report will then be brought to the April 29, 2020 Regional Council meeting for approval. He advised that further recommendations will be brought forward on a preferred site and moving into the procurement process

(request for qualification). He noted that there is an expected operational date by 2024, pending all approvals.

G. Anello responded to questions from the Committee regarding whether the green bin materials will be separated from the mixed waste pre-sorted materials; and whether yard waste will be part of anaerobic digestion.

**5. Delegations**

There were no delegations to be heard.

**6. Correspondence**

There were no correspondence items to be considered.

**7. Administrative Matters**

There were no administrative matters to be considered.

**8. Other Business**

- A) Update by George Rocoski, EFW-WMAC Chair, regarding the EFW-WMAC Annual Report Presentations of December 4, 2019, to the Regional Municipality of Durham's Works Committee and of December 9, 2019, to the Municipality of Clarington's Council
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G. Rocoski provided an update regarding the EFW-WMAC Annual Report presentations of December 4, 2019, to the Regional Municipality of Durham's Works Committee and of December 9, 2019, to the Municipality of Clarington's Council.

G. Rocoski advised that at the Municipality of Clarington's Council meeting on December 9, 2019, questions were raised regarding the role and effectiveness of the EFW-WMAC, and how the Committee could better increase awareness and public engagement.

Discussion ensued regarding ways to engage the public such as making a presentation to each local municipality about who the EFW-WMAC is and how the public can make delegations to the Committee. Further discussion included attending local festivals, the Annual Waste Fairs, Public Works Day and Recycling Week as opportunities for exposure.

B) Update by Gio Anello, Manager, Waste Planning and Technical Services, The Regional Municipality of Durham, re: The Durham York Energy Centre (DYEC)

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

G. Anello advised that the DYEC will be moving into its maintenance period. He advised that both boilers will be shut down February 29, 2020 for a 16-day cleaning period, as well as checking the turbine.

G. Anello advised that the spring source test will occur the week of May 11, 2020 and that the results from the fall source test have been distributed.

G. Anello responded to questions from the Committee regarding the forthcoming report on the AMESA data/workplan; whether the AMESA results are available to the public; and the possibility of there being a correlation between the AMESA data and the stack test results at any time.

In response to a request, G. Anello provided an update on the environmental assessment screening process regarding the capacity increase at the DYEC to 160,000 tonnes per year.

In response to a question with respect to Section 8.2 g) of Report #2020-COW-2 of the Commissioner of Works and Finance, G. Anello explained what the “DYEC emission compliance cost risks related to the potential for changing emission standards and facility biomass changes over time” meant.

B) Update by Mirka Januszkiewicz, Director, Waste Management Services, The Regional Municipality of Durham, re: Extended Producer Responsibility (EPR)

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M. Januszkiewicz provided an update regarding Extended Producer Responsibility (EPR).

This item was discussed earlier in the meeting. See pages 2 and 3 of these minutes.



**9. Next Meeting**

The next regularly scheduled meeting of the EFW-WMAC will be held on Tuesday, May 26, 2020 in the Lower Level Boardroom (LL-C), at 7:00 PM, Regional Headquarters, 605 Rossland Road East, Whitby.

**10. Adjournment**

Moved by K. Meydam, Seconded by W. Bracken,  
That the meeting be adjourned.

CARRIED

The meeting adjourned at 8:53 PM.

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

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S. Penak, Committee Clerk

## **The Regional Municipality of Durham**

### **Minutes**

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

**Wednesday, July 15, 2020**

A special meeting of the Energy From Waste – Waste Management Advisory Committee was held on Wednesday, July 15, 2020 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. Rocoski, Oshawa, Chair  
W. Bracken, Clarington  
A. Burrows, Ajax  
S. Elhajjeh, Clarington, Vice-Chair  
T. Farrell, Brock  
K. Meydam, Clarington  
**\*all members of the committee except G. Rocoski participated electronically**

Absent: W. Baszyk, Brock  
C. McLean, Ajax  
H. Sukhu, Clarington

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

Present: A. Burke, Senior Planner, Special Projects, Municipality of Clarington  
Councillor Janice Jones, Local Councillor, Municipality of Clarington  
M. Neild, Facility Manager, Covanta  
D. San Juan, Environmental Health Specialist, Health Department, Durham Region

#### **Staff**

Present: G. Anello, Director, Waste Management Services  
A. Porteous, Supervisor, Waste Services  
R. Inacio, Systems Support Specialist – Information Technology  
L. Malyjasiak, Works Technician 3, Waste Services, Works Department  
S. Penak, Committee Clerk, Corporate Services – Legislative Services  
C. Tennisco, Committee Clerk, Corporate Services – Legislative Services  
R. Walton, Regional Clerk, Corporate Services – Legislative Services, attended for part of the meeting

**2. Declarations of Interest**

There were no declarations of interest.

**3. Presentations**

**A) Angela Porteous, Manager, Waste Services, re: Durham Region's Long-Term Waste Management Plan**

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Christine Rourke, Project Manager, Senior Waste Planner, HDR, Catherine Curak, Communications Coordinator, HDR, and Courtney Semmler, Waste Planner, HDR, provided a PowerPoint presentation regarding Durham Region's Long-Term Waste Management Plan (LTWMP). A copy of the presentation was emailed to the Committee prior to the meeting.

Highlights of the presentation included:

- Durham's New Long-Term Waste Management Plan (LTWMP)
- Durham Waste Management History
- Waste Management Vision 2021-2040
- Plan Development Timeline
- Guiding Principles
- Early Consultation
- Current and Future Challenges Identified by Regional and Local Staff
- Policy
- Programs
- Promotion and Education
- Vision and Objectives
- Next Steps

C. Rourke advised that the next steps would include providing opportunities for consultation and input from regional advisory committees on vision, objectives and key considerations; engaging with the public in a virtual open house; and developing an outline of the LTWMP that incorporates input from consultation to present to Council for endorsement.

Detailed discussion ensued. Concerns were raised regarding the lack of detailed waste tonnage, project cost and municipal benchmarking information posted directly on the LTWMP website for committee members and members of the public in order to make informed decisions and be able to provide valuable input to staff regarding Durham Region's LTWMP. Note: requested materials from committee are publicly available on [durham.ca](http://durham.ca). It was requested that all relevant information be posted to the Region's LTWMP website. Further

concern was raised regarding Regional Council approving the LTWMP in January 2019 and that other major waste management infrastructure projects continue forward outside of the LTWMP.

In response to a question from the Committee regarding the plan development timeline, A. Porteous advised that staff will be coming back near the end of the year with a draft framework of the Waste Plan and 5-Year Action Plan outline to present to Council.

In response to concerns expressed by the Committee, G. Anello suggested that links to the requested information could be provided on the project website instead of duplicating information from other waste management websites where information requested from the Committee is already posted. The Committee suggested that if links were used, that a summary of each website be posted alongside the link. G. Anello also advised that there are several staff reports that summarize the requested information that could be posted to the website such as a report that discusses future waste projections and the annual waste report for committee and members of the public.

Moved by W. Bracken, Seconded by K. Meydam,

- A) That the EFW-WMAC request that staff review Durham Region's long-term waste management website to ensure all necessary and appropriate information, including but not limited to: Durham's current waste programs; what work is being proposed; any financial costs associated with the project; current and past tonnage data, as well as future projections; and, any related staff reports is posted and available to the public, and where possible links to the external websites with a summary; and
- B) That the Works Committee be informed of the EFW-WMAC request of staff.

CARRIED

C. Rourke and C. Curak responded to questions from the Committee regarding whether there are statistics that state where in Durham residents live when answering the survey; what topics would be discussed during the virtual public open-houses; whether the information being provided will be offered in multiple languages; and how are the changes in the garbage stream being considered in the future (i.e. increase in waste from online orders during the pandemic, disposal of smart phones, and Keurig cups).

Additional comments from the Committee to the HDR Consultants included:

- That the anaerobic digestion project be included in the LTWMP, as well as the requested increase in the capacity at the Durham York Energy Centre
- That more user-friendly information should be made available to committees and the public for better understanding of the process
- That a survey be made available for the public to complete as a good compliment for feedback as an in-person group gathering may not be feasible this fall
- Using Durham Region's Twitter feed to promote the LTWMP

In response to a question regarding the anaerobic digestion project, G. Anello advised that the final business case will be completed once results are received from the Request for Proposal (RFP). He advised that there are several components of the anaerobic digestion and the energy from waste facility will be included in the plan such as what the future Green Bin composition will be, public education and potential future diversion programs that could have impacts on capacity at the energy from waste facility.

At the request of the Committee, G. Anello advised that he would provide the Committee with a list of mixed-waste pre-sort facilities that had been visited and links to their websites showing their process and the facilities that have used the technology successfully. He also advised that GHD Ltd. presented to the Works committee with regards to mixed waste pre-sort, and the facilities that were operational, and that GHD Ltd. performed audits on these facilities.

G. Anello advised that there will be two deliverables in the LTWMP: the 20 year Waste Plan and a 5-Year Action Plans so that adjustments can be made accordingly and will break the effort into manageable pieces.

Further discussion ensued regarding updating the LTWMP website with wording that public consultation will be forthcoming. A. Porteous advised that there are plans to update the website with messaging when the public platform is ready and functioning. She also explained the strategic plan consultation process that occurred recently and the YourVoiceDurham website that was available for members of the public to provide their input.

Moved by K. Meydam, Seconded by W. Bracken,

- A) That the EFW-WMAC request an opportunity for the public to comment on Durham Region's guiding principles and primary goals, and how they are consistent with provincial priorities; and
- B) That the Works Committee be informed of the EFW-WMAC request.

CARRIED

Moved by W. Bracken, Seconded by K. Meydem,  
That we recommend to the Works Committee for approval  
and subsequent recommendation to Regional Council:

That the EFW-WMAC recommends that there be town hall meetings where the public can provide comments and ask questions of Durham Regional waste staff, and that it include at least one real time question and answer period on the Long-Term Waste Management Plan (LTWMP); and that the town hall meetings occur prior to the Plan outline being developed and presented to the Works Committee and Regional Council.

CARRIED

G. Anello advised that hosting more town hall meetings would be an amendment to the contract with HDR Ltd., which would require a budget increase. He advised that there is already a consultation plan in place that has been approved and is being followed. In response to a question from the Committee he further advised that the contract with HDR Ltd. was approved during the procurement process.

C. Curak, Communications Coordinator, HDR, advised that as part of this process after the consultation with staff and local municipalities, they would then go to the public and host pop up kiosks when safe to do so. She stated that community centres or open houses were scheduled for consultation sessions but were put on pause because of COVID-19. As a result, for 2020 online public consultation will occur instead.

A. Porteous requested that the Committee provide feedback through a survey with regards to key issues and considerations to the LTWMP. The link to the survey was provided to Committee members subsequent to the meeting.

**4. Correspondence**

- A) Email Correspondence from Linda Gasser, Whitby Resident, dated July 14, 2020, re: Durham Region's Long-Term Waste Management Plan
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Moved by S. Elhajjeh, Seconded by W. Bracken,  
That email correspondence dated July 14, 2020, from Linda Gasser, regarding Durham Region's Long-Term Waste Management Plan, be received for information.

CARRIED

**5. Next Meeting**

The next regularly scheduled meeting of the EFW-WMAC will be held on Tuesday, September 22, 2020 in the Lower Level Boardroom (LL-C), at 7:00 PM, Regional Headquarters, 605 Rossland Road East, Whitby.

**6. Adjournment**

Moved by W. Bracken, Seconded by K. Meydam,  
That the meeting be adjourned.  
CARRIED

The meeting adjourned at 9:50 PM.

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

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S. Penak, Committee Clerk