

The Regional Municipality of Durham

Minutes

Energy From Waste – Waste Management Advisory Committee

Thursday, August 23, 2018

A meeting of the Energy From Waste – Waste Management Advisory Committee was held on Thursday, August 23, 2018 in the Lower Level Boardroom (LL-C), Regional Headquarters, 605 Rossland Road East, Whitby, at 7:00 PM.

Present: G. Rocoski, Oshawa, Chair
W. Bracken, Clarington
A. Burrows, Ajax
J. Hicks, Clarington
P. Nelson, Brock
J. Vinson, Clarington

Absent: P. Ankrett, Scugog, Vice-Chair
E. Collis, Clarington

Non-Voting Members

Present: F. Langmaid, Manager of Special Projects

Staff

Present: G. Anello, Manager, Waste Planning and Technical Services, Works Department, Durham Region
L. Fortuna, Director, Health Protection, Health Department, Durham Region
R. Ignacio, Systems Support Specialist – Information Technology, Durham Region
S. Penak, Committee Clerk, Corporate Services – Legislative Services, Durham Region

Also

Present: M. Neild, Facility Manager, Covanta

1. Declarations of Interest

There were no declarations of interest.

2. Adoption of Minutes

Moved by P. Nelson, Seconded by W. Bracken,
That the minutes of the EFW-WMAC meeting held on
Thursday, May 24, 2018, be adopted.

CARRIED

G. Anello provided an update in follow-up to A. Burrows question at the May 23, 2018 EFW-WMAC meeting regarding how many tickets have been given out by By-law Enforcement Officers. He noted that the following statistics were collected from 2017: 2000 By-law enforcement notices were given out; 38 orders were issued; and 6 tickets written. He also noted that the By-law Enforcement Officers' focus is on educating the public, for example by leaving door hanger notices. G. Anello advised that there are currently 4 By-law Enforcement Officers.

3. Announcements

There were no announcements made.

4. Presentations

A) Presentation by Gioseph Anello, Manager, Waste Planning and Technical Services, The Regional Municipality of Durham, regarding Anaerobic Digestion Approved Recommendations

G. Anello provided a presentation regarding the Anaerobic Digestion approved recommendations. A copy of the presentation was provided to the Committee at the meeting.

G. Anello reviewed the direction given at the June 13, 2018 Regional Council meeting. He stated that staff would be investigating the benefits of a phased in approach to implementation. He noted that the service delivery model used for the Durham York Energy Centre (DYEC) was Design, Build, Operate and Maintain (DBOM) model.

G. Anello advised that the existing 2019 contracts currently held with Miller Waste are coming due so there is a need for an interim solution. He also advised that staff are beginning the procurement process and will be looking at waste disposal options for Durham Region's waste.

W. Bracken referenced Sections 3.8, 5.10, and 5.20 of Report #2018-COW-146 of the Commissioner of Works. Discussion ensued regarding the additional benefits of the mixed waste transfer and pre-sort system in relation to the DYEC operations; selling excess capacity to York Region; taking mixed waste from other jurisdictions; and when public involvement will take place during the process.

G. Anello answered questions from the Committee regarding when the updated Request for Information (RFI) will be sent out; what the company Fortis BC is; the various elements that go into making a business case; whether the interim 5-year solution will continue with the green bin initiative; what reports or recommendations staff will be

bringing to Council in January/February; environmental considerations throughout the anaerobic digestion project; and what has been learned to date through the study project with Canada Fibres.

B) Presentation by Gioseph Anello, Manager, Waste Planning and Technical Services, The Regional Municipality of Durham, regarding Dioxins and Furans Ambient Air and Source Test

G. Anello provided a presentation regarding Dioxins and Furans Ambient Air and Source Test. A copy of the presentation was provided to the Committee at the meeting.

G. Anello provided background on the 0.109 pg TEQ/m³ exceedance at the Courtice Water Pollution Control Plant and the procedures after an exceedance occurs. G. Anello went over the timeline from the date he received the email notifying him of the exceedance in July through to when the Committee was notified on August 7, 2018. G. Anello noted that a news release comes out once Council is informed. He advised that baseline sampling was completed during the environmental assessment and advised that he would get back to the Committee regarding the dioxins and furan levels.

M. Neild provided a briefing of the operations at the facility for May 25-27, 2018. He noted that no interruptions in boiler operations and no significant events occurred. G. Anello answered questions from the Committee regarding the locations of the ambient air monitoring stations in relation to the DYEC; what other sources in the area could have caused the exceedance; the expected growth rate for Durham Region into 2026 and concerns that it poses on waste disposal and taxes. Staff advised the Committee that a copy of the map discussed during the meeting that provided an overview of locations of the Rundle Road (downwind), Courtice Water Pollution Control Plant (upwind), Perimeter (partial station) and Council Directed (Crago site) ambient air monitoring station locations would be provided to them.

Discussion ensued regarding the conclusion of Stantec which was that the DYEC was not likely the source of the exceedance. W. Bracken expressed her concerns with the conclusions and that since the test procedures were changed, the dioxins and furans levels have decreased. G. Anello clarified that there was no change to the testing procedures but that ORTECH, a Kontrol Energy Company, made an adjustment to the equipment making the process more efficient. W. Bracken requested the name of the Stantec toxicologist. G. Anello advised he would follow-up and provide that information.

G. Anello then provided a summary of the compliance source test results. He noted that the second part of the source test in the appendices includes what is coming out of the stack and what is being modelled. G. Anello responded to questions from the Committee regarding the time duration of the test; any anomalies found in the data; and whether the data is available to the Committee.

In response to a question G. Anello provided a brief background on the continuous dioxins/furans sampling device known as the AMESA. He advised the Committee that a work plan is being put together and that staff will be meeting with the Ministry of the Environment, Conservation and Parks in September. He also advised that the next source test would take place the week of September 10 and if any issues arise the Committee will be notified.

5. Delegations

There were no delegations to be heard.

6. Correspondence

There were no correspondence items to be considered.

7. Administrative Matters

- A) Update by Gioseph Anello, Manager, Waste Planning and Technical Services, The Regional Municipality of Durham, regarding the membership application process for the next term of the EFW-WMAC

G. Anello provided an update regarding the membership application process for the next term of the EFW-WMAC.

G. Anello stated that letters will be sent out to Committee members requesting they indicate their intentions for the next term of the Committee and advised that a notice will be placed in the local papers seeking volunteers for the Committee. He also stated that a report will be prepared recommending members for the EFW-WMAC and requesting the Works Committee and Council approval in January 2019. He added that Clarington will be undertaking a similar process.

8. Other Business

- A) Update by George Rocoski, Chair, EFW-WMAC, on the finalization and presentation of the 2018 EFW-WMAC Annual Report to Municipality of Clarington Council and Regional Municipality of Durham Works Committee in January 2019
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G. Rocoski advised that he would begin putting together the presentation of the 2018 EFW-WMAC Annual Report and will email it to the Committee for suggestions, comments or revisions.

G. Anello informed the Committee that he will confirm which Durham Works Committee meeting the 2018 EFW-WMAC Annual Report would be presented.

- B) Closing Comments by George Rocoski, Chair, EFW-WMAC, on the EFW-WMAC's end-of-term
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G. Rocoski thanked the committee members, public, Councillors and Durham Regional staff for their attendance and dedication to the EFW-WMAC.

9. Next Meeting

- A) Proposed 2019 meetings for the next term of the EFW-WMAC are scheduled from 7 PM to 9 PM at the Regional Municipality of Durham Headquarters on the following dates:

- Tuesday, February 26, 2019;
- Tuesday, May 28, 2019;
- Tuesday, September 24, 2019; and
- Tuesday, November 26, 2019.

Moved by P. Nelson, Seconded by A. Burrows,
That the proposed 2019 meeting dates for the Energy From Waste – Waste Management Advisory Committee be approved.

CARRIED

10. Adjournment

Moved by W. Bracken, Seconded by A. Burrows,
That the meeting be adjourned.

CARRIED

The meeting adjourned at 9:03 PM.

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

S. Penak, Committee Clerk