



The Regional Municipality of Durham

Energy from Waste-Waste Management Advisory Committee

Tuesday, February 25, 2020

7:00 PM

**Meeting Room LL-C
Regional Headquarters Building
605 Rossland Road East, Whitby**

1. Declarations of Interest

2. Adoption of Minutes

- A) Of the EFW-WMAC meeting held on November 26, 2019. Pages 3 to 8

3. Announcements

4. Presentations

- A) Presentation by Gioseph Anello, Manager, Waste Planning and Technical Services, The Regional Municipality of Durham, regarding 'Solid Waste Management: 2020 Strategic Issues and Financial Forecast' (Report #2020-COW-02). Handout

- B) Presentation by Gioseph Anello, Manager, Waste Planning and Technical Services, The Regional Municipality of Durham, regarding 'Mixed Waste Pre-Sort Facility / Anaerobic Digestion Siting Process'. Handout

5. Delegations

There are no delegations to be heard.

6. Correspondence

There are no items of correspondence to be considered.

7. Administrative Matters

There are 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.
- B) Update by Gioseph Anello, Manager, Waste Planning and Technical Services, The Regional Municipality of Durham, regarding the Durham York Energy Centre.
- C) Update by Mirka Januszkiewicz, Director, Waste Management Services, The Regional Municipality of Durham, regarding Extended Producer Responsibility (EPR).

9. Date of Next Meeting

Tuesday, May 26, 2020, in Meeting Room LL-C (Lower Level)

10. Adjournment

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The Regional Municipality of Durham

Minutes

Energy From Waste – Waste Management Advisory Committee

Tuesday, November 26, 2019

A meeting of the Energy From Waste – Waste Management Advisory Committee was held on Tuesday, November 26, 2019 in Room LLC, Regional Headquarters, 605 Rossland Road East, Whitby, at 7:00 PM.

Present: G. Rocoski, Oshawa, Chair
S. Elhajjeh, Clarington, Vice-Chair
W. Baszyk, Brock
W. Bracken, Clarington
A. Burrows, Ajax
T. Farrell, Brock
C. McLean, Ajax
K. Meydam, Clarington

Absent: H. Sukhu, Clarington

Non-Voting Members

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

Also

Present: Regional Chair Henry, left the meeting at 7:47 PM
Councillor John Neal

Staff

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

1. Declarations of Interest

There were no declarations of interest.

2. Adoption of Minutes

Moved by A. Burrows, Seconded by S. Elhajjeh,
That the minutes of the EFW-WMAC meeting held on
Thursday, September 24, 2019, be adopted.
CARRIED

3. Announcements

There were no announcements made.

4. Presentations

- A) Wendy Bracken, EFW-WMAC Member, re: concerns with air quality and air standards as they pertain to the incinerator; and concerns with the incinerator's AMESA Long-Term Sampling System
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W. Bracken provided a PowerPoint presentation regarding her concerns with ambient air quality and standards as they pertain to the incinerator. A copy of her presentation will be retained in Legislative Services.

Highlights of her presentation included:

- Meeting Ambient Air Quality Criteria and/or Regulatory Standards ≠ Protection of Public Health
- Some Ministry of Environment, Conservation and Parks (MECP) Standards Relevant to the Projects are Very Out of Date
- 2007 Report Done by Dr. Pengelly for Municipality of Halton When They Were Considering an Incinerator
 - Reference to Page 7 of Dr. Pengelly's Report
- Air Quality in Ontario Report 2015
- New Canadian Council of Ministries of Environment (CCME) Standards
 - Dramatic Differences Between Ontario and CCME Ambient Air Quality Criteria/Objectives
- From 2007 Study done for Environmental Assessment (EA) Site Selection
- From 2011 Bowmanville Doctors and Nurse Practitioners' Petition
- Durham York Energy Centre (DYEC) Ambient Air Monitoring
 - No Breathing Room: National Illness Costs of Air Pollution, Canadian Medication Association (CMA) August 2008
 - CMA Report: 21,000 will die from pollution in 2008
- Air Pollution as Bad as Asbestos, Cigarettes as Cause of Cancer, says World Health Organization (WHO)
- Incineration – Health Impacts

W. Bracken responded to questions from the Committee regarding whether there are current air quality comparisons to see if the DYEC has caused any dramatic increase in pollution; St. Marys Cement's proposal to burn waste at their facility; and whether the Ministry of Health receives the ambient air monitoring data.

Moved by K. Meydam, Seconded by A. Burrows,
That the Rules of Procedure be suspended in order to give
W. Bracken 10 minutes for a second presentation, regarding
her concerns with the incinerator's AMESA Long-Term
Sampling System.

CARRIED on a 2/3rds Vote

B) Wendy Bracken, EFW-WMAC Member, re: concerns with the
incinerator's AMESA Long-Term Sampling System

W. Bracken provided a PowerPoint presentation regarding her concerns with the incinerator's AMESA Long-Term Sampling System. A copy of her presentation will be retained in Legislative Services.

Highlights of her presentation included:

- Environmental Compliance Approval (ECA) Condition 7. (3)
 - Long-Term Sampling for Dioxins and Furans
- ECA Condition 14. (4)(g)
 - Monitoring and Testing Records
- Four Years In: AMESA Issues Remain Unresolved, Monthly Data Withheld
- Durham Staff Are Not Reviewing the Monthly AMESA Data
- My Freedom of Information (FOI) Requests
- Dr. Jahnke Document Received Through FOI on Continuous Sampling for Dioxins and Furans
 - Jahnke Document (Page 11) on AMESA
 - Jahnke Document (Pages 25-26) on Common Problem of Correlation Issues
 - Jahnke Document (Page 26) on Success in Europe for Monitoring Trends
- FOI Document: Email from Manufacturer to Region Consultant Regarding Big Differences Between Stack and AMESA Results
- DYEC has had Major Dioxin/Furan Stack Exceedances
 - Dioxin/Furan ambient Air Exceedance May 26, 2018
- Questions and Concerns Still Remain: Very Calm Day
- Ministry Review Was Limited: Did Not Review AMESA Data, nor Profiles
- Four Years In: AMESA Issues Remain Unresolved Monthly Data Withheld

W. Bracken responded to questions from the Committee regarding a news article that was recently released with respect to a whistleblower at the Durham York Energy Centre (DYEC); ultra fine particulate (nanoparticles) not being captured in the data; and whether other countries are required to correlate their data.

G. Anello responded to questions from the Committee regarding when the AMESA results are made available to the public; the annual report that is sent to the Ministry of the Environment, Conservation and Parks (MECP) and who facilitates the meetings between Durham staff and the MECP; the acceptable variance being increased from 10% to 100%; the purpose of collecting the AMESA data; and the cost of the stack test versus the correlation test.

W. Bracken advised that she will email her presentations and Dr. Jahnke's document to the Committee.

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

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

G. Anello advised that in the last quarter of 2019, the focus is on meeting the throughput capacity and managing what's coming into the facility and processed, to not exceed the 140,000 tonne per year limit. He also advised that the draft results for the source test were received and no issues were reported. He further advised that there was minor cleaning done to the boilers, and some maintenance on the switch yard.

In response to a question with respect to the AMESA data, G. Anello advised that a report will be brought forward once the AMESA workplan is complete.

B) Update by Gio Anello, Manager, Waste Planning and Technical Services, The Regional Municipality of Durham, re: Organics Management

G. Anello provided an update regarding Organics Management.

G. Anello advised that staff are continuing to work on the development of the Request for Qualifications (RFQ). He advised that the companies that qualify for the RFQ would then respond to the Request for Proposal (RFP).

G. Anello responded to questions from the Committee regarding the development of the RFQ; the timelines of the RFQ and RFP process; and whether Durham would be looking at selling the electricity generated from the anaerobic digestion process back on the grid.

C) Update by George Rocoski, EFW-WMAC Chair, regarding the EFW-WMAC Annual Report

G. Rocoski provided an update regarding the EFW-WMAC Annual Report.

G. Rocoski advised that the EFW-WMAC Annual Report will be presented to the Works Committee on December 4, 2019 and to Clarington Council on December 9, 2019 and asked for any comments or suggestions on the draft slide deck. He advised that he will circulate the slide deck a final time and requested that any further comments or suggestions be submitted to him by Friday, November 29, 2019.

Discussion ensued regarding the Committee's interest and availability in touring Regional Waste Management Facilities including the Material Recovery Facility, the Oshawa Transfer Station and the Pickering Compost Facility. It was the consensus of the Committee to tour all three facilities on January 13, 2020.

G. Anello responded to questions regarding the environmental assessment process for the potential increase in waste processed at the DYEC from 140,000 tonnes per year to 160,000 tonnes per year, and what standards will be used; and Durham Region's Long Term Waste Strategy, and whether the public will be notified of and able to contribute to the strategy.

9. Next Meeting

The next regularly scheduled meeting of the EFW-WMAC will be held on Tuesday, February 25, 2020 in the Lower Level Boardroom (LL-C), at 7:00 PM, Regional Headquarters, 605 Rossland Road East, Whitby.

10. Adjournment

Moved by T. Farrell, Seconded by K. Meydam,
That the meeting be adjourned.

CARRIED

The meeting adjourned at 8:19 PM.

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

S. Penak, Committee Clerk