

The Regional Municipality of Durham

Minutes

Energy From Waste – Waste Management Advisory Committee

Tuesday, May 28, 2019

A meeting of the Energy From Waste – Waste Management Advisory Committee was held on Tuesday, May 28, 2019 in Room 1-A, 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
H. Sukhu, Clarington

Non-Voting Members

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

Staff

Present: G. Anello, Manager, Waste Planning and Technical Services, Works Department, Durham Region
M. White, Systems Support Specialist – Information Technology, Durham Region
D. San Juan, Environmental Health Specialist, Health Department, Durham Region
S. Penak, Committee Clerk, Corporate Services – Legislative Services, Durham Region

Also

Present: M. Neild, Facility Manager, Covanta
Councillor John Neal, Regional Councillor, City of Oshawa attended the meeting at 7:53 PM

- 1. Welcome**
- 2. Declarations of Interest**

There were no declarations of interest.

3. Elections

A) Election of the Chair

S. Penak, Committee Clerk, called for nominations for the position of Chair of the Energy from Waste – Waste Management Advisory Committee (EFW-WMAC).

Moved by W. Basztyk, Seconded by A. Burrows,
That G. Rocoski be nominated for the position of Chair of
the Energy from Waste – Waste Management Advisory
Committee.

Moved by K. Meydam, Seconded by S. Elhajjeh,
That nominations be closed.
CARRIED

S. Penak asked if G. Rocoski wished to stand. G. Rocoski indicated
he wished to stand.

G. Rocoski was acclaimed to the position of Chair of the EFW-
WMAC.

B) Election of the Vice-Chair

S. Penak, Committee Clerk, called for nominations for the position of Vice-Chair of the Energy from Waste – Waste Management Advisory Committee.

Moved by W. Bracken, Seconded by K. Meydam,
That S. Elhajjeh be nominated for the position of Vice-Chair
of the Energy from Waste – Waste Management Advisory
Committee.

Moved by W. Basztyk, Seconded by T. Farrell,
That nominations be closed.
CARRIED

S. Penak asked if S. Elhajjeh wished to stand. S. Elhajjeh indicated
he wished to stand.

S. Elhajjeh was acclaimed to the position of Vice-Chair of the EFW-
WMAC.

G. Rocoski assumed the Chair for the remainder of the meeting.

4. Adoption of Minutes

Moved by A. Burrows, Seconded by W. Baszyk,
That the minutes of the EFW-WMAC meeting held on
Thursday, April 23, 2019, be adopted.

CARRIED AS AMENDED
(See Following Motion)

Moved by W. Bracken, Seconded by K. Meydam,
That a new paragraph be added on Page 4 of the April 23,
2019 EFW-WMAC Minutes, under Item 6 B) Presentation by
Mirka Januskiewicz, Director, Waste Management Services,
regarding the Regional Waste Management Program to
read as follows:

Concern was expressed that Report #2019-COW-3: 2019 Solid
Waste Management Servicing and Financing Study that was included
on the April 23, 2019 EFW-WMAC Agenda under Item 6 B), was not
addressed by staff during the meeting. A presentation on the 2019
Solid Waste Management Servicing and Financing Study would have
been beneficial for the Committee in order to provide feedback before
a further report went to Regional Council on June 26, 2019.

CARRIED

G. Anello informed the Committee that the Environmental
Assessment (EA) includes: the intent of the EA; what it is; the
participants; the estimated timelines; and a consultation plan. He
advised that staff asked for approval in January 2019 to commence
the EA and \$60,000 for consulting assistance which was deferred by
Council until June 26, 2019 and that Legal staff report back to
Committee.

In response to a question, G. Anello summarized the 2019 Solid
Waste Management Servicing and Financing Study. He advised that
the study includes recommendations for various studies and a long-
term capital plan. He stated that the studies include a look at:
injection of oxygen into a landfill to mitigate greenhouse gas
emissions; the Scott Landfill as a potential landfill mining project; and
optimizing the waste management facility in the City of Oshawa and
how the materials can be better utilized.

G. Anello advised that highlights of the long-term capital plan include:
repair and replacement of infrastructure and facilities components;
ongoing landfill projects such as the Blackstock Landfill Mining
Project (vegetation and construction of a wetland); additional work in
the City of Oshawa (slope stabilization); and ongoing work at all
closed landfills.

G. Anello advised that the Long-term waste management plan consulting Statement of Work (SOW) is currently being compiled and the vision has been completed and presented in the S&F report.

At the request of the Committee, G. Anello advised that he would bring a presentation to the next EFW-WMAC meeting regarding the 2019 Solid Waste Management Servicing and Financing Study. The Committee asked that G. Anello provide, if possible, any of the materials ahead of the meeting for their review.

5. Announcements

There were no announcements made.

6. Presentations

There were no presentations made.

7. Delegations

There were no delegations to be heard.

8. Correspondence

There were no correspondence items to be considered.

9. Administrative Matters

There were no administrative matters to be considered

10. Other Business

- A) Update by Gio Anello, Manager, Waste Planning and Technical Services, The Regional Municipality of Durham, regarding 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 during the downtime at the DYEC routine maintenance occurred. He further advised that since the April 23, 2019 EFW-WMAC meeting one boiler had to be shut down to replace a broken grate. He noted that the boiler was shut down for two days and additional cleaning was completed and clarified that a superheater tube also had to be repaired but that was separate from the grate repair.

G. Anello stated that the next source test is scheduled for the last week in June 2019.

In response to a question, M. Neild provided an update on the carbon monoxide (CO) exceedance at the DYEC that occurred on May 4, 2019. He advised that the exceedance was caused by a fuel overfeed, leading the combustion air fans to trip, which extended the duration of the CO spike and lead to the four-hour rolling average exceedance. A feed stop was initiated to regain normal operations and the facility is now performing within normal operating requirements.

Detailed discussion ensued regarding the AMESA Workplan. The AMESA Workplan includes: the evaluation to date regarding the source test; speaks to the current and proposed changes; and the issue of inconsistent readings on a monthly basis; and the difference between the two boilers and adjustments for that.

In response to a question, G. Anello advised he would look into the full AMESA Workplan.

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

G. Anello provided an update regarding Organics Management.

G. Anello advised the Expression of Interest (EOI) that the Region released on October 23, 2018 was to solicit a potential business partner to procure, finance, and share the net costs/benefits of the Region's long-term organics management solution. Through the EOI process, Epcor and Meridian were selected as they met the required thresholds. He advised that there are follow-up meetings scheduled with these two firms and senior staff for late May/early June. He clarified the difference between an EOI and a Request for Proposal (RFP), and stated that firms that responded to the EOI would not respond to the RFP.

G. Anello advised that next steps will include a report to the June Committee of the Whole (COW) meeting on project implementation, a service delivery model recommendation (Design, Build, Operate, Maintain Model or a Private Delivery Model), and a potential recommendation on a business partner. He also advised that a study is currently being conducted on energy products. Since Anaerobic Digestion (AD) results in a by-product of biofuel, the Region needs to decide whether to use it within Regional facilities or sell it.

W. Bracken referenced Page 5 of Report #2019-COW-8: Organics Management Update and Next Steps, which states a report on the potential impacts on the DYEC will be provided to Regional Council

based on the information currently available, in September 2019. She expressed her concern over Council making a decision in June before receiving this report.

Detailed discussion ensued in regards to delaying Recommendation C) of Report #2019-COW-3 until more information is received and more public consultation occurs. Further discussion ensued regarding other disposal options and that an Anaerobic Digester will divert 30,000 tonnes of material from the DYEC to buy the Region time to plan for another disposal option. G. Anello stated that the DYEC is currently at capacity, and by 2032 capacity will run out even if AD is in place. He stated that the terms of reference will set timelines and can be changed as the situation changes.

G. Anello clarified that the AD Business Case being brought to COW and Council in June 2019, will not be the final business case. He advised that until a RFP is completed, a business case cannot be finalized. He informed the Committee that waste needing disposal in the Region increases an average of 2,000 tonnes year, and a disposal option will need to be in place by 2032.

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

That the decision on Recommendation C) of Report #2019-COW-3: "That staff be authorized to commence the Environmental Assessment (EA) for the Durham York Energy Centre (DYEC) expansion to process 250,000 tonnes per year, including retaining consulting assistance at a cost not to exceed \$60,000, subject to the finalization of the 2019 Solid Waste Management Business Plans and Budgets", be deferred until after there has been public consultation on the long-term waste management strategy; after the EFW-WMAC has had a presentation on the Solid Waste Management Servicing and Finance Study; and after a report is presented to the Works Committee and Regional Council regarding the impacts of the DYEC that is referenced on Page 5 of Report #2019-COW-8: Organics Management Update and Next Steps.

CARRIED ON THE FOLLOWING
RECORDED VOTE:

Yes

Wendy Bracken
Anna-Marie Burrows
Sami Elhajjeh
Theresa Farrell
Kerry Meydam
Harri Sukhu

No

Bill Baszyk
Clayton McLean
Chair Rocoski

Absent: None

Conflict: None

G. Anello responded to questions regarding the reporting structure of the EFW-WMAC; the potential benefits/consequences of further deferring Recommendation C) of Report #2019-COW-3; Durham Region's current diversion target compared to the government's targets; whether the incinerator will be required once AD is in place; public consultation regarding the expansion of the DYEC; cost of a mixed waste pre-sort facility; and the consultant working on the AMESA plan.

10. Next Meeting

The next regularly scheduled meeting of the EFW-WMAC will be held on Tuesday, September 24, 2019 in the Lower Level Boardroom (LL-C), at 7:00 PM, Regional Headquarters, 605 Rossland Road East, Whitby.

11. Adjournment

Moved by A. Burrows, Seconded by S. Elhajjeh,
That the meeting be adjourned.
CARRIED

The meeting adjourned at 8:54 PM.

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

S. Penak, Committee Clerk