



Hamilton

MINUTES

Waste Management Advisory Committee

Thursday February 7, 2019

1:30 p.m.

City Hall, 2nd Floor, Room 264

Present:

Chair: Councillor Maria Pearson
Vice-Chair: Councillor John-Paul Danko
Members: Kevin Hunt
Peter Hargreave

Also Present:

Craig Murdoch, Director of Environmental Services
Angela Storey, Manager of Business Programs
Rob Conley, Senior Project Manager, Landfills
Ryan Kent, Senior Project Manager, Waste Planning
Jacquie Colangelo, Project Manager, Community Outreach
Glenn Watt, Project Manager, Central Composting Facility
Mike Stelmach, Project Manager, Contracts

Regrets:

Joel McCormick, Manager of Waste Collection

Recorder:

Hayley Court-Znottko

1. CHANGES TO THE AGENDA

- 1.1 Councillor Maria Pearson and Councillor John-Paul Danko have been elected as Chair and Vice-Chair, respectively, of the Waste Management Advisory Committee for this term.
- 1.2 Item 6.1 - 2020 Waste System Contract Planning will include a presentation and will be discussed as Item 5.2.

- 1.3 Kevin Hunt has requested to add Item 7.2 Green Bins in Schools and Item 7.3 Plastic in Blast Furnaces.

2. DECLARATIONS OF INTEREST

None to declare

3. APPROVAL OF MINUTES OF PREVIOUS MEETING

- 3.1 Waste Management Advisory Committee Meeting Minutes, dated September 26, 2018

HUNT/HARGREAVE

CARRIED

4. CONSENT ITEMS

4.1 Waste Management Advisory Committee Terms of Reference

Committee members and staff reviewed the revised Terms of Reference for the Waste Management Advisory Committee that were distributed prior to the meeting. Further discussion occurred regarding method of gauging progress or success of the Solid Waste Management Master Plan implementation and other waste initiatives. It was determined that a review of the Solid Waste Management Master Plan objectives will be included as a recurring item on the WMAC Agenda.

5. PRESENTATIONS

5.1 Material Recycling Facility (MRF) Request for Proposals Update

Staff provided Committee members with an overview of the RFP process for the operation of the City’s MRF, including anticipated timelines for release, evaluation and reporting the RFP results to the Public Works Committee on June 12, 2019. The RFP will permit proponents to bid on any combination of three project options for operating the MRF, included in Table 1 below.

A standard “Change of Law” clause will be included to address with any changes that may occur due to the Waste Free Ontario Act (WFOA) and the City will reserve the right to change the list of acceptable blue box materials due to fluctuating markets.

Table 1

	Status Quo	Hybrid Model	Transfer Station Model
Fibre Processing	On-site	Off-site	Off-site
Container Processing	On-site	On-site	Off-site

Marketing	Fibre and Containers by City and/or agent	Fibre by Contractor Containers by City and/or agent	Fibre and Containers by Contractor
Form of Proposal/ Financial Evaluation	Combined per tonne fee to process Fibre and Containers in Hamilton	Fibre – per tonne to load, transport & process at third party Containers – per tonne fee to process	Combined per tonne fee to load, transport & process Fibre and Containers at third party location
Revenue Share/Risk	City - 100%	Fibre – PPI* Formula Containers - City 100%	Fibre – PPI* Formula Containers - Formula Recycling.Net

5.2 2020 Waste System Contract Planning

Staff presented an overview of the RFP process for Waste Collection Services. The current contract expires in March 2021 and staff are preparing to issue the RFP in Q2/Q3 2019. A “Change of Law” clause will also be included in this contract to address any changes that may occur due to WFOA. Council has given direction to investigate opportunities for various service delivery methods for the City’s waste programs while retaining the current public/private service delivery model with no change in weekly collection days. Staff will investigate the use of technologies such as GPS, electronic customer service entry and routing software while preparing the RFP. Committee members inquired if climate change initiatives will be addressed and staff advised that there is a green fleet component in the evaluation of submissions.

6. DISCUSSION ITEMS

6.1 Waste-Free Ontario Act updates

A briefing note was provided to Committee members regarding status updates on the transition of four recycling programs to a full producer responsibility model. The Ministry is continuing to consult with municipalities and stakeholders on the blue box program, the tire recycling program, the waste electrical and electronic equipment recycling program and the municipal hazardous or special waste program.

Further discussion occurred surrounding the proposed blue box program and timelines for implementation. A proposed Blue Box Program Plan (BBPP) was rejected by the Minister of Environment, Conservation and Parks and direction was given to draft a new program plan with more meaningful consultation with municipalities. It is anticipated that municipalities and stakeholders will receive an update on discussions around a new BBPP through an upcoming AMO conference.

A reminder was provided regarding the Food and Organic Waste Policy Statement and the targets that municipalities must meet by certain dates in regards to waste reduction and resource recovery.

6.2 Operations Update

- **Central Composting Facility Re-Start Plan**

Operations at the Central Composting Facility (CCF) re-started on Monday February 4, 2019. Staff advised that capacity at the facility has been reduced to 20,000 tonnes until capital upgrades can be completed, which will allow for up to 40,000 tonnes of material. Currently, only Hamilton's green bin material is being processed at the facility. Previously, the Operator had contracts with other municipalities; however, these have either expired or processing has been moved to another facility.

On April 1, 2019, a temporary ban of leaf and yard material from the green bin program will begin. Separated leaf and yard material that is collected will be processed at the leaf and yard composting facility located at the Glanbrook landfill. Although the ban is temporary, staff recommends not to include grass in the CCF as grass is a potential source of odour, the cost of processing this material at the landfill is lower than at the CCF and the end use of the compost material produced at the landfill composting facility is unrestricted.

- **Glanbrook Landfill Stage 4**

In late 2018 a condition of the Environmental Compliance Approval (ECA) for the Glanbrook landfill was met that enables the use of 1.5M m³ of landfill capacity. In order for this condition to be removed, floodplains had to be established with the Niagara Peninsula Conservation Authority. This capacity translates to approximately 15 additional years of lifespan at the landfill, with an estimated closure date of 2058.

- **Solid Waste Management Master Plan (SWMMP) 5 Year Review**

Staff is preparing a report for the April 1, 2019 Public Works Committee to provide an update on the Solid Waste Management Master Plan and waste initiatives from the last five years, but will not include recommendations on new initiatives. It was determined that SWMMP review will become a standard agenda item for the Committee to discuss progress on objectives.

- **2019 / 2020 Recycling & Waste Guide**

Staff reviewed the new 2019 / 2020 Recycling & Waste Guide with Committee Members. The guide was redesigned for this year in order to include additional information on the changes to the Blue Box program and

the removal of leaf and yard waste from the Green Bin program. Along with the guide, residents will receive 12 blue trash tags and one Leaf & Yard Container sticker.

- **Public Works Committee Motion regarding Cannabis Packaging Recycling and Waste Control**

At the January 14, 2019 Public Works Committee, staff were directed to work with the Waste Management Advisory Committee to determine the types of packaging that is being used by vendors for the sale of legal cannabis and prepare a report that includes whether or not the materials are recyclable and the associated costs for recycling or disposal of these materials.

Staff has reviewed the various forms of government regulated packaging that can be used by individual producers for the Ontario Cannabis Store. Packaging generally includes both recyclable and non-recyclable plastics and are packaged by the gram. At this time it is difficult to determine the processing cost, as it is unknown how much material will be seen or if producers for the Ontario Cannabis Store will be paying into the blue box program.

Staff will prepare an Information Report for Council regarding cannabis packaging and the potential impacts for the City if they are able to be determined.

DANKO/HARGREAVE

CARRIED

7. OTHER BUSINESS & GENERAL INFORMATION

7.1 Staff offered Committee Members opportunity to tour the City's waste facilities in the spring.

7.2 Discussion occurred regarding the Green Bin program at Hamilton Wentworth Catholic District School board facilities. Green bins are breaking and schools have been advised that they will need to replace the bins at their own cost. Staff advised that under the current contract that is in place, the school should contact the School Board office to advise that they need replacement bins.

7.3 Discussed an article regarding the injection of coal and waste plastics into blast furnaces as a cost effective alternative to recycle the increasing amounts of waste plastics.

8. ADJOURNMENT

That, there being no further business the meeting adjourned at 3:20pm.

DANKO/HUNT

CARRIED