



THE REGIONAL MUNICIPALITY OF PEEL

WASTE MANAGEMENT STRATEGIC ADVISORY COMMITTEE

MINUTES

WMSAC - 2/2019

The Region of Peel Waste Management Strategic Advisory Committee met on June 20, 2019 at 9:31 a.m., in the Regional Council Chambers, 5th Floor, Regional Administrative Headquarters, 10 Peel Centre Drive, Suite A, Brampton, ON.

Members Present: G.S. Dhillon; P. Fortini*; A. Groves; N. Iannicca; J. Innis; J. Kovac; M. Mahoney; K. Ras; I. Sinclair*; R. Starr

Members Absent: M. Palleschi

Also Present: D. Szwarc, Chief Administrative Officer; S. VanOfwegen, Commissioner of Finance and Chief Financial Officer; A. Farr, Acting Commissioner of Public Works; Dr. L. Loh, Acting Medical Officer of Health; K. Lockyer, Regional Clerk and Director of Legal Services; N. Lee, Director, Waste Management; S. Jurrius, Committee Clerk; S. Blemanno, Legislative Assistant

Chaired by Councillor R. Starr.

1. DECLARATIONS OF CONFLICTS OF INTEREST - Nil

2. APPROVAL OF AGENDA

RECOMMENDATION WMSAC-5-2019:

That the agenda for the June 20, 2019 Waste Management Strategic Advisory Committee meeting be approved.

* See text for arrivals

♦ See text for departures

3. DELEGATIONS

- 3.1. **John Rowell, President, Board of Directors, Unitarian Congregation in Mississauga**, Regarding Unitarian Congregation's Petition to Ban the Sale of Single-Use Water Bottles

Received

RECOMMENDATION WMSAC-6-2019:

That the request of the Unitarian Congregation of Mississauga to ban the sale and use of single-use water bottles be referred to Region of Peel staff;

And further, that Regional staff report back to a future meeting of the Waste Management Strategic Advisory Committee with information on the implications of implementing a policy to ban single-use plastic bottles at all Regional facilities and events.

Related to 5.1

Councillor Sinclair arrived at 9:32 a.m.

Councillor Fortini arrived at 9:38 a.m.

John Rowell, President, Board of Directors, Unitarian Congregation in Mississauga (the Congregation), stated that a petition was signed by members of the Congregation to reduce the accumulation of single-use plastic bottles in the Region of Peel's waste management system, and decrease the water bottle litter in the Region's parks, streets, and rivers. The Congregation is asking Council for a directive to disallow the sale and use of single-use plastic bottles in all Regional offices and facilities, and a program to encourage the use of tap water in refillable containers at all events in Region of Peel facilities. John Rowell highlighted the environmental benefits and cost savings of using tap water over single-use plastic bottles. He advised that other municipalities and universities in Ontario and Canada have banned single-use plastic bottles.

In response to a question of clarification from Councillor Dhillon, Dr. Lawrence Loh, Acting Medical Officer of Health, stated that there are no concerns from Peel Public Health with the use and installation of water fountains in public facilities.

Councillor Innis placed a motion that the petition from the Unitarian Congregation in Mississauga be referred to Region of Peel staff to report back to a future meeting of the Waste Management Strategic Advisory Committee with information on the implications of implementing a policy to ban single-use plastic bottles in the Region of Peel.

Councillor Mahoney stated that the City of Mississauga also referred a similar request to staff. He requested that Region of Peel staff collaborate with City staff in drafting a policy for municipal facilities and events.

4. REPORTS

4.1. Sweden Tour – May 4-10, 2019 (Oral)

Presentation by Norman Lee, Director, Waste Management and Andrea Warren, Director, Development Services

Received

Andrea Warren provided an overview of the proposed development of the Lakeview Village located in the City of Mississauga, Ward 1, including the anticipated number of residents and mixed land uses. The 176-acre parcel of land was purchased by a development consortium from the Ontario Power Generation in 2018 and approximately 67 acres of the subject land have been donated for public space. The subject proposal is to create an on-site community education centre which would incorporate many sustainable design elements such as the vacuum waste and district energy components.

Andrea Warren summarized her observations from a planning and development perspective from the Sweden trip. She stated that Sweden puts emphasis on live, work and play in the same space. The topography of the lands in Sweden is comparable to Canada. The majority of the population from the cities visited by Region of Peel and City of Mississauga staff were mid-rise apartment dwellers where density is proportionate to the human scale and presents opportunities for innovation in public service delivery. Andrea Warren stated that a lot of municipalities in Sweden own the lands and have full autonomy for urban planning. Municipal funding is also different in which the municipalities receive 20 per cent of the income tax revenue. The government promotes a culture of community and environmental education, as well as, takes into consideration how the provision of services benefits the population.

Norman Lee, Director, Waste Management, advised that the environmental rules in Sweden are very different from Canada. Sweden's 3Rs diversion rate is 44 per cent and overall 90 per cent is diverted from the landfill. He summarized his observations from a waste management perspective and highlighted Sweden's innovative vacuum waste and Optibag collection systems. The vacuum waste inlets forces all waste into pipelines directly to the central waste collection station.

The Optibag system is a sorting system for municipal waste. The public is provided with multi-coloured fraction bags used to separate waste. Once full, the users tie and deposit the waste bags in designated single inlet chutes. When collected and transported to a waste facility, the bags are automatically sorted by a machine using camera technology which recognizes the bag according to its colour and directs it to other designated areas for appropriate processing.

Norman Lee advised that Region of Peel staff will follow-up directly with Envac and Optibag for additional information. The Lakeview Community Partners will finalize the design and submit a system, ownership and cost sharing proposal for review and consideration by Region of Peel and City of Mississauga staff. Staff will consider the Region's possible role and develop design standards for vacuum waste collection and Optibag system in Peel.

Norman Lee undertook to provide Councillor Ras with additional information about biochar and how it is used.

Councillor Ras requested that staff continue its involvement with the Lakeview Community Partners to ensure the community adheres to proper waste management collection standards.

In response to questions from Regional Chair Iannicca, Norman Lee stated that the proposed vacuum waste and Optibag collections are expensive but could work if residents cooperate with the Region. Staff will have to review risk and cost implications of the two options as it relates to the Region of Peel. Andrea Warren advised that there is a monitoring period where a developer could be responsible for waste collection and design standards during the transition phase, prior to transfer to a municipality.

In response to a question from Councillor Starr, Andrea Warren stated that the subdivision application from the Lakeview Community Partners was received and is currently being reviewed by staff. A series of public consultation sessions were held by the developers with the intent to advance construction in late 2020. The Lakeview Community Partners, Region and City staff are working to reconcile the feasibility of the waste component for the proposed development of the Lakeview Village.

4.2. Communications and Education Strategy to Support the Roadmap to a Circular Economy in Peel

Presentation by Erwin Pascual, Manager, Waste Planning and Amie Miles, Manager, Strategic Client Communications

Received

Erwin Pascual, Manager, Waste Planning and Amie Miles, Manager, Strategic Client Communications, summarized the new Communications and Education Strategy developed to support the Region of Peel's long-term waste management strategy, "Roadmap to a Circular Economy in Peel" (the Roadmap). The new Communications and Education Strategy is based on research that identified resident barriers and motivators to participating in Peel's resource recovery programs, tested common waste terms and images through focus groups and online surveys; looked at industry best practices such as behavior change/change management models; community based social marketing techniques; reviewed promotional and educational initiatives by other municipalities; and conducted expert internal and external review and consultation.

Amie Miles highlighted the goals and objectives; guiding principles and considerations in the new Communications and Education Strategy, including the five key elements that would support the long-term goal of 75 per cent waste diversion.

Erwin Pascual stated that over the next three years Region of Peel staff will identify the scope of work and priorities that will focus on program activities to help achieve key milestone targets with the Roadmap; align with planned changes in operations that impact residents; consider top-of-mind issues relevant to the public, such as, single-use plastics; and, identify budget requirements, use guiding principles and applying a consistent planning and implementation process. Over the next three years, a number of initiatives will involve communications to promote behavior change; use of community recycling centres; ongoing waste service communications and continued research to understand the public's interest and Peel's success.

Councillor Sinclair suggested that the narrative element of the Communications and Education Strategy be tied to climate change which may generate a better response from members of the public.

4.3. Update of Curbside and Multi-Residential Enforcement Strategy and the Excess Recycling Pilot

Presentation by Norman Lee, Director, Waste Management and Erwin Pascual, Manager, Waste Planning

Received

Norman Lee, Director, Waste Management, provided a brief update on the curbside and multi-residential enforcement strategy and the Excess Recycling Pilot. The year-long Excess Recycling Pilot will be carried out in phases on an eight-week cycle. Staff will examine the materials collected and determine if all materials are recyclable; if set out practices could be improved; and, provide educational materials for the resident. Staff will present the findings of the excess recycling pilot and recommended approach to a future meeting of the Waste Management Strategic Advisory Committee.

The goal of the Curbside Enforcement Pilot is to improve the performance of existing curbside and multi-residential resource recovery programs, including reducing contamination. Upon completion of the one-year pilot that started in October 2018, staff will analyze the data gathered and present policy recommendations to the Committee in 2020.

In response to questions from Councillor Ras, Norman Lee stated that part of the curbside enforcement is to educate the residents on the proper use of organics bins on garbage days.

In response to a question from Councillor Mahoney, Norman Lee stated that staff is updating Peel's design standards to include stricter requirements for recycling infrastructure and, through the development approval process, works with developers to include appropriate recycling infrastructure to increase participation from multi-residential dwellers.

4.4. Waste Management Financial Plan Update

Received

4.5. Community Recycling Centre Optimization Study Update

Received

4.6. Region of Peel's Comments on the Proposed Reducing Litter and Waste in our Communities Discussion Paper

RECOMMENDATION WMSAC-7-2019:

That the comments included in Appendix I of the report of the Commissioner of Public Works titled "Region of Peel's Comments on the Proposed Reducing Litter and Waste in our Communities: Discussion Paper" be endorsed.

5. COMMUNICATIONS

5.1. John Rowell, President, Board of Directors, Unitarian Congregation in Mississauga, Letter dated February 13, 2019, Providing a Copy of a Petition to Ban the Sale of Single-Use Water Bottles

Received

Related to 3.1

6. IN CAMERA MATTERS - Nil

7. OTHER BUSINESS - Nil

8. NEXT MEETING

The next meeting of the Waste Management Strategic Advisory Committee is scheduled for Thursday, October 3, 2019 at 11:00 a.m. - 1:00 p.m., Regional Administrative Headquarters, Council Chamber, 5th floor, 10 Peel Centre Drive, Suite A, Brampton, ON.

Please forward regrets to Stephanie Jurrius, Committee Clerk, (905) 791-7800, extension 4502 or at stephanie.jurrius@peelregion.ca.

9. ADJOURNMENT

The meeting adjourned at 11:02 a.m.