

**Energy from Waste-Waste Management Advisory  
Committee (EFW-WMAC)**

**2021 Annual EFW-WMAC Report**

**Presentation to:**

**Durham Region Works Committee**

**December 8, 2021**

**and**

**Municipality of Clarington Council**

**December 13, 2021**

## **2021-2022 EFW-WMAC Committee Members**

Bill Basztyk, Township of Brock

George Rocoski, City of Oshawa

Greg Gordon (Chair), Town of Whitby

Jim Vinson, Municipality of Clarington

Kerry Meydam, Municipality of Clarington

Phil Haylock (Vice Chair), Municipality of Clarington

Rochelle Fleming, City of Pickering

Sami Elhajjeh, Municipality of Clarington

Venkata Daram, Town of Ajax

## **Regularly Scheduled Meetings**

### **March 25, 2021**

- Durham Region’s 2021 Solid Waste Management Budget
  - Implementation for a Biocover at the City of Oshawa Landfill
  - Improvements at the City of Oshawa Waste Management Facility
- Durham Region’s Annual Waste Management Reports
- Durham Draft Region’s Long-Term Waste Management Plan (2021 – 2040)
  - Incremental 5-year plans will be developed and reviewed
- Durham Region’s Organics Management Project
  - Organics Management project will move to an Anaerobic Digester
- Extended Producer Responsibility (EPR)
- Durham York Energy Centre (DYEC)
  - Facility tour will be arranged once in-person meetings resume

### **May 25, 2021**

- Elections
  - Greg Gordon, Town of Whitby, elected “Chair”, EFW-WMAC
  - Phil Haylock, Municipality of Clarington, elected “Vice Chair”, EFW-WMAC
- Angela Porteous and Christine Roarke provided a PowerPoint presentation regarding the Draft Waste Plan for Durham Region’s Long-Term Waste Management Plan (2021 to 2040)
- EFW-WMAC will produce a Draft Work Plan
  - for inclusion in the September Committee meeting
- EFW-WMAC updated on the Organics Management Project
- EFW-WMAC updated regarding Extended Producer Responsibility (EPR)
- EFW-WMAC was provided an overview of the operations at the Durham York Energy Centre (DYEC)

## **Regularly Scheduled Meetings (continued)**

### **September 28, 2021**

- Angela Porteous provided an update regarding the status of the Long-Term Waste Management Plan (LTWMP).
- Staff responded to committee questions regarding:
  - whether the LTWMP targets address the new Blue Box regulations
  - how the energy generated from Durham’s waste will be used
  - extended hours for waste operation facilities stated in the LTWMP
  - potential future use for landfill sites and conversion to greenspace
  - methane production on capture at existing landfills in Durham Region and possible energy recovery
  - how the increase of multi-residential buildings would affect the LTWMP targets.
- Discussion regarding the innovation aspect of the LTWMP and what the Committee could work on independently to address concerns with waste diversion. Examples provided by Gioseph Anello were a number of problematic materials with respect to diversion such as polystyrene (expanded and rigid) and plastic film that need recycling efforts.
- Greg Gordon reviewed the draft EFW-WMAC Work Plan with the Committee members.
- Committee members recommended that a special EFW-WMAC meeting be called in order to accept Committee comments on the LTWMP’s Targets and Actions, and to approve the 2021-2022 EFW-WMAC Work Plan.
- Gioseph Anello provided an update regarding Durham Region’s Organics Management Project.
- Staff responded to questions from the Committee regarding whether mediation between the Region and the Municipality of Clarington is still ongoing; and who the three selected proponents for the Organics Management Project are.
- Gioseph Anello provided an update regarding Extended Producer Responsibility (EPR) and 2024.
- Gioseph Anello provided an update regarding the DYEC. Emission Levels were questioned, response was emissions were below environmental compliance limits. The committee requested to receive the Spring Stack Source Test report.

## **November 23, 2021**

– Information forthcoming

## **Special Meeting Scheduled**

**October 14, 2021**

**Purpose: Additional input session for LTWMP and EFW-WMAC Work Plan**

**Items Moved:**

- EFW-WMAC Work Plan was approved, with some non-essential information removed. Change of title of section to Increased Organics Diversions from Increased Green Bin Usage.
- Added communication outreach with organics presorting at residences.

**Motions Carried (related to LTWMP):**

- **Battery Collection Containers:** Provision of a rectangular box resembling a 9-volt battery, constructed of heavy cardboard or plastic instead of a bag to potentially increase the quantity of batteries collected and keep more batteries out of the regular garbage.
- **Electronic Item Collection:** Inclusion of an annual electronic waste collection drive whereby electronic waste would be set out by the resident on a specific day for pick up from the curb for recycling, to potentially reduce the amount of electronics that are placed in the regular garbage.
- **Organics Management in New Developments:** Under the collection mandate, encourage or mandate developers to install under the sink garburators in new multi-residential developments.

**Discussion Topics:**

- Detailed discussion regarding the proposed EFW-WMAC Work Plan including:
  - partnering with local libraries to offer information regarding backyard composting or indoor composting
  - conducting individual research on various waste topics;
  - optimization of the Brock/Scugog Waste Transfer Stations
  - and how the EFW-WMAC could assist with the long-term waste management plan.
- Gioseph Anello advised that staff will be hiring a consultant to look at opportunities for the optimization of the Brock/Scugog Waste Transfer Stations and will be bringing that forward to the EFW-WMAC for their input.

- The committee questioned Industrial, Commercial, and Institutional (ICI) sector waste as it relates to organics, Gioseph Anello advised that organic waste from the ICI sector is not within the Region’s mandate, but that staff will be looking at organics management in multi-residential units and single dwelling homes.
- The committee questioned the volume of propane bottles and ink cartridges that the Region collects in a year and how those items can be recycled, Gioseph Anello advised that staff are looking to find an agency that will recycle those items and would respond to the committee.

### **Regularly Scheduled Meetings – 2022**

Tuesday, February 22, 2022

Tuesday, May 24, 2022

Tuesday, September 27, 2022

Tuesday, November 22, 2022