



November 3, 2017

Kathleen O'Neill, Director,  
Environmental Approvals Branch  
Ministry of the Environment and Climate Change  
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Toronto, ON M4V 1P5

**The Regional  
Municipality of  
Durham**

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Susan Siopis, P.Eng.  
Commissioner of Works

and

Lisa Trevisan, Director,  
Central Region  
Ministry of the Environment and Climate Change  
Place Nouveau  
5775 Yonge Street, Floor 8  
Toronto, ON M2M 4J1

Dear Ms. O'Neill and Ms. Trevisan:

**RE: Durham/York Energy from Waste Project  
Submission of the Regional Municipality of Durham's Waste  
Diversion Program Monitoring Report for 2016  
Environmental Assessment Condition of Approval #10  
MOECC File #: EA-08-02**

In accordance with Condition 10 of the Environmental Assessment Notice of Approval (EA), the Regional Municipality of Durham (Region) submits the Annual Waste Diversion Report titled 'Waste Management Annual 2016 Report' (Report) for the activities and progress towards diversion during the 2016 year.

The enclosed Report summarizes the results of the at-source diversion programs on page 32. This table illustrates an overall waste diversion rate of 53 per cent for the Region. It must be noted that, while the waste reported in this table derives a 53 per cent diversion rate, Waste Diversion Ontario, the agency which officially tracks and reports on municipal waste diversion rates in Ontario, adjusts municipally reported waste tonnages to account for deposit return, home composting, grass cycling, and other re-use activities across Ontario. In 2016, these adjustments increased the Region's overall waste diversion rate to 55 per cent.

If this information is required in an accessible format, please contact 1-800-372-1102 ext. 3560.

2016 marked the second full year of operations for the Durham York Energy Centre (DYEC). In 2016, 107,887 tonnes of waste was collected in the Region, of which, 87,845 tonnes were sent to the DYEC for processing. Approximately 12,876 tonnes of waste was bypassed from the DYEC. Of the bypassed waste, 6,097 tonnes was landfilled and the remaining 6,779 tonnes were sent to other energy-from-waste facilities.

Additionally, although not accounted for in the Region's diversion rate for 2016, metals recovered from recycling, after being processed at the DYEC, amounted to 3,594 tonnes. Ash removed from the DYEC, and used as daily landfill cover in 2016, amounted to 38,440 tonnes. With diversion in mind, metals are recovered and recycled at the DYEC and all ash generated is beneficially used as alternate daily cover for landfill, reducing the need to haul in soil and aggregate material to use as daily covering material. Should metal recovery and beneficial use of ash be considered diversion material, the Region's diversion rate could be 70 per cent for 2016.

In accordance with EA Condition 8.8 (e), the Region will submit the subject report to the Energy from Waste Advisory Committee for information concurrently. In addition, this report has been posted on the [project website \(www.durhamyorkwaste.ca\)](http://www.durhamyorkwaste.ca) and [public website \(www.durham.ca/waste\)](http://www.durham.ca/waste).

The Region trusts that this report meets the Ministry of the Environment and Climate Change's (MOECC) expectation as outlined in the EA Notice of Approval. If you require further information, please contact the undersigned.

Sincerely,

Mirka Januszkiewicz, P.Eng., M.A.Sc., MBA  
Director, Waste Management Services

- c. L. McDowell, Director, Environmental Promotion and Protection, The Regional Municipality of York
- C. Hyde, Manager (Acting), York Durham District Office, MOECC
- P. Martin, Supervisor, Air, Pesticides, and Environmental Planning, MOECC
- E. O'Leary, Environmental Resource Planner and Environmental Assessment Coordinator, Air, Pesticides, and Environmental Planning, MOECC
- S. Thomas, Issues Project Coordinator, York Durham District Office, MOECC
- P. Dunn, Senior Environmental Officer, York Durham District Office, MOECC
- G. Battarino, Special Project Officer (Acting), Project Coordination, MOECC Energy from Waste Advisory Committee (EFWAC)
- C. Raynor, Regional Clerk, The Regional Municipality of York
- R. Walton, Regional Clerk, The Regional Municipality of Durham

Encl.