



**The Regional  
Municipality of  
Durham**

Works Department

605 Rossland Rd. E.  
Level 5  
PO Box 623  
Whitby, ON L1N 6A3  
Canada

905-668-7711  
1-800-372-1102  
Fax: 905-668-2051

durham.ca

Sent via standard mail and email ([lisa.trevisan@ontario.ca](mailto:lisa.trevisan@ontario.ca) and [heather.malcolmson@ontario.ca](mailto:heather.malcolmson@ontario.ca))

October 31, 2019

Lisa Trevisan, Director, Central Region  
Ministry of the Environment, Conservation and Parks  
Place Nouveau  
5775 Yonge Street, Floor 8  
Toronto, Ontario M2M 4J1

and

Heather Malcolmson, Director (Acting),  
Environmental Assessment and Permissions Branch  
Ministry of the Environment, Conservation and Parks  
135 St. Clair Avenue West, Floor 1  
Toronto, Ontario M4V 1P5

Dear Ms. Trevisan and Ms. Malcolmson:

**RE: Durham / York Energy from Waste Project  
Submission of the Regional Municipality of Durham's  
Waste Diversion Program Monitoring Report for 2018  
Environmental Assessment Condition of Approval #10  
MECP File #: EA-08-02**

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In accordance with Condition 10 of the Durham York Energy Centre (DYEC) Environmental Assessment Notice of Approval (EA), the Regional Municipality of Durham (Region) submits the Annual Waste Diversion Report titled 'Waste Management Annual 2018 Report' (Report) for the activities and progress towards diversion during the 2018 year.

The Region demonstrates leadership in sustainable waste management in Ontario, through delivery of waste management programs which focus on the 4Rs of waste: reducing, reusing, recycling and recovering, to a population of 685,000 residents.

In 2018, the Region achieved 63 per cent diversion (pending verification), as calculated by the Resource Productivity and Recovery Authority.

The Region strives towards meeting waste reduction and diversion targets through greater participation in its programs by providing the following programs:

- The Region, in partnership with the area municipalities, organized eight spring Compost Giveaways, in combination with Blue Box, Green Bin sales and exchanges.
- Curbside battery collection resulted in the collection and recycling of 28 tonnes of single use batteries.
- Four special waste electrical and electronic equipment drop-off events and household hazardous waste drop-off events.
- Eight reuse drop-off events were held from March to October 2018, in partnership with local charities.
- Promotion of waste diversion programs during National Public Works Week and Waste Reduction Week.
- "Durham Works", the Works Department's external newsletter is distributed twice annually to approximately 220,000 households in the Region. In 2018, it featured information on the Durham Region Waste App, Green Bin and Blue Box Programs and waste management facilities.
- Exchanged 5,650 Blue Boxes, 896 kitchen food waste containers and 5,367 curbside Green Bins for new boxes, containers or bins due to damage.
- Sold 2,635 new Blue Boxes, 806 kitchen food waste containers, 714 curbside Green Bins and 128 backyard composters.
- Responded to more than 53,063 telephone calls and 15,831 emails regarding waste programs.
- Almost 50,000 Durham Region Waste App downloads with 66,000 weekly waste set-out reminders.

- Extensive social media campaigns to educate and engage residents on proper waste management.
- Education programs provided in schools and at the Durham York Energy Centre (DYEC).
- Provided dedicated presentations and tours of the DYEC to over 352 residents and guests in 2018.
- Delivered waste education in-school presentations to 3550 students.

In early 2018, the Ontario government released the Food and Organic Waste Policy statement. Concurrently, the Region completed a comprehensive assessment for managing organic waste which confirmed that mixed waste pre-sorting offers the best solution for capturing and diverting organics. The assessment also determined that the implementation of an updated Organics Management System will also divert waste from the DYEC. The DYEC reached full processing capacity (140,000 tonnes per year) in the first year of operation and has had to by-pass waste to landfill each subsequent year. In support of this need, in June 2018, Regional Council approved Anaerobic Digestion with a mixed-waste transfer and pre-sort facility as the preferred technologies for the Region's long-term organics management strategy. An updated Organics Management System may delay the need for a full DYEC expansion to 250,000 tonnes per year and will address the waste processing needs of a growing population.

The Region continues to promote waste reduction and reuse programs within its area municipalities and participates in efforts to advocate for policies and regulations that provide sustainable waste management practices and services to residents.

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](http://durhamyorkwaste.ca) (durhamyorkwaste.ca) and [public website](http://durham.ca/waste) (durham.ca/waste).

The Region trusts that the 'Waste Management Annual 2018 Report' meets the Ministry of the Environment, Conservation and Parks (MECP) expectation as outlined in the DYEC EA Notice of Approval. If you require further information, please contact the undersigned.

Sincerely,

**Original signed by:**

Mirka Januszkiewicz, P.Eng., MAsc., MBA  
Director, Waste Management Services

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

Enclosed