

If this information is required in accessible format, please contact The Regional Municipality of Durham at 1-800-372-1102 ext. 3560.



April 30, 2025

Dr. Rachael Fletcher, Director, Central Region
Ministry of the Environment, Conservation and Parks
Place Nouveau
5775 Yonge Street, Floor 8
North York, Ontario M2M 4J1

Dear Dr. Fletcher:

**RE: Durham York Energy Centre
Submission of the 2024 Annual Groundwater and Surface Water Monitoring Report
Environmental Compliance Approval 7(14)
MECP File #: EA-08-02**

In accordance with Condition 7(14) of the Environmental Compliance Approval (ECA), the Regional Municipality of Durham and the Regional Municipality of York (Regions) are pleased to submit the Durham York Energy Centre (DYEC) 2024 Annual Groundwater and Surface Water Monitoring Report. Annual monitoring reports are submitted to the Ministry of Environment, Conservation and Parks (MECP) on or before April 30 of each year in accordance with the letter from the MECP Central Region Director to the Regions dated March 4, 2013. This submission will be forwarded to the Energy from Waste Advisory Committee for information in accordance with EA Condition 8.8(b) and posted to the DYEC website in accordance with ECA Condition 7(14)(c).

The 2024 Annual Groundwater and Surface Water Monitoring Report was prepared by an independent and suitably qualified environmental consulting firm, RWDI Air Inc. (RWDI). Based on their review of historical and 2024 monitoring data, RWDI has determined that the data indicates the DYEC operations have not negatively impacted groundwater quality at the DYEC site. Since monitoring began in 2012, groundwater analytical results for the required parameters have consistently met the Ontario Drinking Water Standards (ODWS), with the exception of elevated chloride and sodium levels at Monitoring Well #4 (MW4), which are believed to be caused by de-icing salt. The surface water monitoring activities resumed in 2024 at upstream and downstream locations in Tooley Creek. There was no indication that the DYEC activities had any measurable impact on the parameters measured in Tooley Creek during 2024.

We trust that the 2024 Annual Groundwater and Surface Water Monitoring Report meets the expectations of the MECP. If you require any further information, please contact Andrew Evans, Director, Waste Management Services, at 905-668-7711 extension 4102.

Sincerely,

Original signed by:

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Director, Waste Management Services
The Regional Municipality of Durham
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Original signed by:

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G. Battarino, Special Project Officer, Project Coordination, Environmental Assessment Services, MECP
M. Farid, Contract Management Engineer, Waste Management, The Regional Municipality of York
S. Kaur, Environmental Specialist, Reworld Energy from Waste Advisory Committee (EFWAC)
C. Raynor, Regional Clerk, The Regional Municipality of York
A. Harras, Regional Clerk, The Regional Municipality of Durham