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April 25, 2024

Dr. Rachael Fletcher, Director (Acting), 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 2023 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) 2023 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 2023 Annual Groundwater and Surface Water Monitoring Report was prepared by an independent and suitably qualified environmental consulting firm, RWDI Air Inc. (RWDI). Based on RWDI's review of the monitoring data in 2023, RWDI has concluded that DYEC operations have not had an adverse effect on groundwater quality at the DYEC site. Groundwater analytical results for the required parameters of analysis have consistently satisfied their respective Ontario Drinking Water Standard (ODWS) since monitoring began in 2012, with the exception of elevated chloride and sodium concentrations at Monitoring Well #4 (MW4), which are attributed to deicing salt influence.

The MECP granted permission to suspend surface water monitoring activities during the construction of the Highway 401/Courtice Road interchange via letter dated May 17, 2016. Surface water monitoring in Tooley Creek was not undertaken in 2023 due to ongoing construction.

We trust that the 2023 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:

Andrew Evans, M.A.Sc., P.Eng.,
Director, Waste Management Services
The Regional Municipality of Durham
905-668-7711 extension 4102
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Original signed by:

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The Regional Municipality of York
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T. Bell, Environmental Resource Planner and EA Coordinator, Environmental Assessment Services, MECP
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Energy from Waste Advisory Committee (EFWAC)
C. Raynor, Regional Clerk, The Regional Municipality of York
A. Harras, Regional Clerk, The Regional Municipality of Durham