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April 30, 2018

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

Dear Ms. Trevisan:

**RE: Durham York Energy Centre**  
**Submission of the 2017 Annual Groundwater and Surface Water Monitoring Report**  
**Environmental Compliance Approval Condition 7(14)**  
**MOECC File: EA-08-02**

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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 2017 Annual Groundwater and Surface Water Monitoring Report. Annual monitoring reports are submitted to the Ministry of Environment and Climate Change (MOECC) on or before April 30 of each year in accordance with the letter from the MOECC 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 Durham York Energy Centre (DYEC) website in accordance with ECA Condition 7(14)(c).

The 2017 Annual Groundwater and Surface Water Monitoring Report was prepared by an independent and suitably qualified environmental consulting firm, RWDI Air Inc. Based on their review of the monitoring data in 2017, RWDI has concluded that the groundwater analytical results for the required parameters of analysis have consistently satisfied the respective Ontario Drinking Water Standard (ODWS) since monitoring began in 2012 with the exception of the deicing salt influence of the noted chloride concentration at Monitoring Well 4 (MW4) during November 2017. The groundwater analytical results suggest that DYEC operations have not had an adverse effect on groundwater quality at the DYEC.

The MOECC granted permission for the suspension of the surface water monitoring activities via correspondence dated May 17, 2016. Suspension of surface water monitoring activities will continue for at least three years beginning in 2016, due to construction activities for the Highway 401/Courtice Road interchange. As such, routine surface water monitoring in Tooley Creek was not required to be undertaken in 2017.

The Regions trust that the 2017 Annual Groundwater and Surface Water Monitoring Report meets the expectations of the MOECC. If you require any further information, please contact Mr. Gioseph Anello, Manager of Waste Planning and Technical Services, at 905-668-7711 extension 3445.

Sincerely,



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

The Regional Municipality of Durham  
905-668-7711 extension 3464  
Mirka.Januszkiewicz@durham.ca



Laura McDowell, P.Eng.  
Director, Environmental Promotion  
and Protection  
The Regional Municipality of York  
905-830-4444 extension 75077  
Laura.McDowell@york.ca

- c. K. O'Neill, Director, Environmental Approvals Branch, MOECC  
C. Dugas, Manager, York Durham District Office, MOECC  
R. Lashbrook, Manager, Technical Support Section, MOECC  
T. Belayneh, Group Leader, Surface Water, MOECC  
S. Thomas, Issues Project Coordinator, MOECC  
P. Dunn, Senior Environmental Officer, MOECC  
P. Martin, Supervisor, Air, Pesticides and Environmental Planning, MOECC  
G. Battarino, Special Project Officer, Project Coordination, MOECC  
E. O'Leary, Environmental Resource Planner and EA Coordinator, Air, Pesticides and  
Environmental Planning, MOECC  
A. Huxter, Environmental Specialist, Covanta  
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.