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April 28, 2017

Mansoor Mahmood, Director (Acting),  
Environmental Approvals Branch  
Ministry of the Environment and Climate Change  
135 St. Clair Avenue West, Floor 1  
Toronto, ON M4V 1P5

and

Tina Dufresne, Director (Acting),  
Central Region  
Ministry of the Environment and Climate Change  
5775 Yonge Street, Floor 8  
North York, ON M2M 4J1

Dear Mr. Mahmood and Ms. Dufresne:

**RE: Durham York Energy Centre  
Submission of the 2016 Annual Groundwater and  
Surface Water Monitoring Report  
Environmental Compliance Approval 7(14)  
MOECC 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 2016 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 2016 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 2016, RWDI has concluded that the groundwater and chemical results for the required parameters of analysis satisfied the respective Ontario

Drinking Water Standard (ODWS). The historical groundwater chemical results for the DYEC have consistently satisfied their respective ODWS since monitoring began in 2012. The groundwater chemical data suggests that the DYEC operations have not had an adverse effect on groundwater quality.

MOECC granted permission for the suspension of the surface water monitoring activities via the letter 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 2016.

We trust that the 2016 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

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Energy from Waste Advisory Committee (EFWAC)  
C. Raynor, Regional Clerk, The Regional Municipality of York  
R. Walton, Regional Clerk, The Regional Municipality of Durham