



April 30, 2013

Ian Parrot, Director (Acting)
Environmental Approvals Branch
Ministry of the Environment
2 St. Clair Avenue West, Floor 12A
Toronto, ON M4V1L5

and

Dolly Goyette, Director
Central Region
Ministry of the Environment
5775 Yonge Street, Floor 8
North York, ON M2M 4J1

Dear Mr. Parrott and Ms. Goyette:

**RE: Durham/York Energy from Waste Project
Submission of the 2012 Annual Groundwater and
Surface Water Monitoring Reports
(Environmental Assessment Condition 20)
MOE File No.: EA-08-02**

In accordance with Condition 20.8 of the Environmental Assessment (EA), the Regional Municipality of Durham and the Regional Municipality of York (Regions) submit the 2012 Annual Groundwater and Surface Water Monitoring Reports. The 2012 Annual Groundwater and Surface Water Monitoring Reports detail groundwater and surface water monitoring activities which were undertaken during the facility construction period at the Durham York Energy Centre in 2012.

The Monitoring and Screening Checklists for the 2012 Annual Groundwater and Surface Water Monitoring Reports, as required by the Ministry of the Environment's (MOE) Technical Guidance Document (MOE, 2010), are included in this submission.

Separate consultants have been retained to prepare the 2012 Annual Groundwater and Surface Water Monitoring Reports. As Covanta Energy Corporation is responsible for facility construction and managing potential impacts to the site, they have retained

Golder Associates Ltd. (Golder) to prepare the 2012 Annual Surface Water Report to ensure that erosion and sediment control measures during construction are effective, with the goal of mitigating impacts to Tooley Creek. Surface water activities began in May 2012 and have been carried out by Golder in accordance with section 3.0 of the approved Groundwater and Surface Water Monitoring Plan (Stantec, 2011) and address surface water and erosion and sediment control commitments made within the EA. The results of the surface water quality sampling results taken throughout the monitoring program indicate that there are no significant concerns with any site influence on surface water conditions in the receiving swale (CN Rail ditch) and further downstream in Tooley Creek.

The 2012 Annual Surface Water Report did note that two spills from construction equipment were reported to the MOE Spills Action Centre. In both cases, the spills were contained immediately and the potentially contaminated soil was excavated and taken off site for remediation. A site visit to inspect the location of the spill and any potential impact on the receiving stream off-site was conducted. During the site visit, there were no notable concerns on-site, in the receiving swale or further downstream in Tooley Creek. Due to the immediate spill containment and prolonged dry conditions, no additional hydrocarbon analyses for the surface water sample submissions were performed.

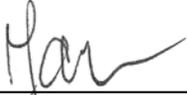
The Regions have retained Genivar to prepare the 2012 Annual Groundwater Monitoring Report to evaluate water quality conditions in accordance with section 2.0 of the approved Groundwater and Surface Water Monitoring Plan (Stantec, 2011). Groundwater monitoring commenced in early 2012 prior to construction to determine background water quality. The groundwater quality data indicate that concentrations satisfy the Ontario Drinking Water Quality Standards, Objectives, and Guidelines (ODWQS) for the tested parameters. The parameter concentrations exhibited at the on-site groundwater monitors are considered to represent natural water quality conditions, or are associated with upgradient land uses, and are not attributed to the on-site construction activities.

The 2012 Annual Groundwater and Surface Water Monitoring Reports submission will be forwarded to the Energy from Waste Advisory Committee for information in accordance with EA Condition 8.8 (b).

In accordance with EA Condition 20.3 (d), the Regions would like to request a meeting with the Regional Director to discuss the results of the 2012 Annual Groundwater and Surface Water Monitoring Reports.

We trust that this plan meets the MOE's expectation as outlined in the EA Notice of Approval. If you require additional information, please contact the undersigned.

Sincerely,



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LW/ms

- c. L. McDowell, Director, Environmental Promotion and Protection, The Regional Municipality of York
- T. Gebrezghi, Manager (Acting), Approval Services, Ministry of the Environment
- D. Fumerton, District Manager, Ministry of the Environment
- S. Thomas, District Supervisor, Ministry of the Environment
- S. Elford, Senior Environmental Officer, Ministry of the Environment
- G. Battarino, Project Officer, Ministry of the Environment
- D. Moszyinski, Planning/EA Coordinator, Ministry of the Environment
- Energy from Waste Advisory Committee (EFWAC)
- D. Kelly, Regional Clerk, The Regional Municipality of York
- D. Bowen, Regional Clerk, The Regional Municipality of Durham

Encl.