



October 18, 2013

Agatha Garcia-Wright, Director
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 Ms. Garcia-Wright and Ms. Goyette:

**RE: Durham/York Energy from Waste Project
Addressing Ministry of the Environment's Comments on the
2012 Annual Surface Water Report
(Environmental Assessment Condition 20)
MOE File No.: EA-08-02**

As a follow-up to a letter from the Ministry of the Environment (MOE) dated May 24, 2013, in regards to the submission of the 2012 Annual Groundwater and Surface Water Report, the MOE's York Durham District Office co-ordinated a teleconference with the appropriate MOE reviewers and the Regional Municipalities of Durham and York (Regions) which was held on September 17, 2013, to address comments related to the first year of surface water monitoring. The MOE recommendations were discussed and the resolutions were in concurrence.

With respect to the following MOE recommendations regarding increasing turbidity monitoring:

The ministry agrees with the consultant's recommendation to continue the monitoring program during the construction period. While the monitoring data

shows that there have been no significant effects on Tooley Creek, we recommend consideration be given to increase the onsite turbidity monitoring. While we have no objection of reducing the Total Suspended Solids (TSS) sampling, given that adequate data of TSS and turbidity samples is gathered and turbidity may be used as a surrogate for TSS. Instead of sampling, it would be more efficient and practical if more frequent turbidity monitoring is carried out; at least for the two Tooley Creek stations during the weekly inspection.

In response to the MOE recommendations, Golder Associates began taking *in situ* turbidity measurements using a turbidity meter at all stations for the monthly sampling efforts.

It was explained that the eastern and western storm water management (SWM) ponds are discharging two to three times per month during the construction phase. Therefore, weekly measurements would not provide much added value to the monitoring program. Based on this explanation, the MOE confirmed that a monthly frequency for turbidity measurements at all stations was acceptable, and beyond typical expectations.

With respect to the MOE comment regarding a permit to take water which states:

The report states that the sedimentation ponds are pumped out as needed subject to quality of the discharge water. I understand this is covered by an Environmental Compliance Approval (ECA). Please note that if construction works require dewatering at more than 50,000 L/day, a PTTW may be required.

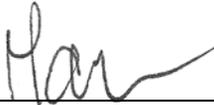
Covanta Energy Corporation and the Regions have confirmed that there is no dewatering activity on-site during the construction period.

Additional influences on turbidity measurements at the SW3 and SW4 stations were also discussed, including the sanitary trunk sewer construction activity in the receiving swale which is scheduled to start in September 2013. The SW1 and SW2 stations are directly affected (within the zone of construction) and therefore they were agreed to be moved as follows.

- SW1 is proposed to be moved approximately 30 m to the East; and
- SW2 is proposed to be moved at a suitable location west of the Courtice Road crossing and further downstream in the receiving swale before construction efforts begin.

If you require additional information, please contact the undersigned.

Sincerely,



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The Regional Municipality of Durham

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LW/ms

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Energy from Waste Advisory Committee (EFWAC)
J. Delaney, Resident Construction Manager, Covanta Energy Corporation
D. Kelly, Regional Clerk, The Regional Municipality of York
D. Bowen, Regional Clerk, The Regional Municipality of Durham

Encl.