

Ministry
of the Environment
and Climate Change
Central Region Office
5775 Yonge Street
8th Floor
North York ON M2M 4J1
Tel.: 416 326-6700
Fax: 416-326-6345

Ministère
de l'Environnement et de l'Action
en matière de changement climatique
Région du Centre
5775, rue Yonge
8^e étage
North York (Ontario) M2M 4J1
Tél: (416) 326-6700
Télé: (416) 326-6345



July 14, 2015

Mirka Januszkiewicz, P. Eng
Director, Waste Management
The Regional Municipality of Durham
605 Rossland Road East
Whitby ON L1N 6A3

Laura McDowell, P.Eng
Director, Environmental Promotion and Protection
The Regional Municipality of York
17250 Yonge Street
Newmarket ON L3Y 6Z1

**Re: Durham/York Energy from Waste Project
2014 Annual Ambient Air Quality Monitoring Report
Notice of Approval Condition 11
Comments from MOECC Central Region Technical Support Section**

Dear Ms. Januszkiewicz and Ms. McDowell,

Thank you for the opportunity to review the 2014 Annual Ambient Air Quality Monitoring Report for the Durham York Energy Centre (the report). The report was prepared by Stantec on behalf of the Regions of Durham and York, in support of Condition 11 of the Notice of Approval for the project.

Overall, the statistics reported for 2014 meet the annual reporting requirements stipulated in the *Operations Manual for Air Quality Monitoring in Ontario* (2008). Based on the supporting documentation provided, the data for the continuous, non-continuous and meteorological parameters at Stations 45200 (Rundle) and 45201 (Courtice) are deemed to be valid.

Please find below comments from the Ministry of the Environment and Climate Change (MOECC) for your consideration:

1. Please note the following for future reports: starting in 2015, the MOECC recommends that the *Canadian Ambient Air Quality Standards* (CAAQS) be used for 24-hour and annual PM_{2.5}. As noted in Section 2.3, Air Quality Criteria, the 2015 CAAQS standard for 24-hour PM_{2.5} is 28 µg/m³ and the annual PM_{2.5} standard is 10 µg/m³. The standards for NO_x and SO₂ are under development with expected completion in 2015. Until the NO_x and SO₂ standards are released, please continue to use *Ontario's Ambient Air Quality Criteria* (AAQC) for these contaminants.
2. Table 4-5 lists agricultural activities as a potential source contribution for the B(a)P exceedances occurring in January and February 2014. However, it is the ministry's opinion that agricultural activities would be negligible during this time of the year. We recommend that Table 4-5 of the report be revised by removing agricultural activities as potential sources for the B(a)P exceedances occurring in January and February 2014.

3. The Executive Summary states that the 2014 monitoring collected background air quality levels while the DYEC was under construction in 2014. We recommend adding a statement in the report that the 2014 monitoring also includes data during the commissioning phase for the criteria air contaminants.
4. Please revise the report to include the start date of the commissioning phase.

Thank you for the opportunity to comment on this report. In accordance with Condition 11.4(d) of the Notice of Approval for this project, I look forward to meeting with your team to discuss the results of the ambient air monitoring program. If you have any questions or concerns please contact Marinha Antunes, Air Quality Analyst, at 416-326-3526.

Yours sincerely,



Dolly Goyette
Director, Central Region, MOECC

Cc: Ross Lashbrook, Manager, Technical Support Section, MOECC
Paul Martin, Supervisor, Air, Pesticides and Environmental Planning, MOECC
Celeste Dugas, District Manager, York-Durham District Office, MOECC
Nisha Shirali, Planner and EA Coordinator, MOECC
Marinha Antunes, Air Quality Analyst, Technical Support Section, MOECC