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February 5, 2016
File: 160950528

Attention: Mr. Greg Borchuk, P.Eng.
Project Manager, EFW
Waste Management Services

The Region of Durham
605 Rossland Rd.,
Whitby, ON L1N 6A3

Dear Mr. Borchuk,

Reference: Q4 2015 Ambient Air Quality Monitoring Report for the Durham York Energy Centre

Please find attached with this letter the Q4 2015 quarterly report for the Durham York Energy Centre (DYEC).

The quarterly reports for the DYEC monitoring are prepared to present monitoring data to the MOECC. The MOECC requires that several statistics, including maximum levels, be presented in these reports, but does not require 98th percentile values to be included in quarterly reports. Regional Council has requested that 98th percentile PM_{2.5} data also be provided along with the quarterly reports, which is provided in Table 1 below. A comparison to the Canadian Ambient Air Quality Standard (CAAQS) for PM_{2.5} requires averaging the 98th percentile daily average levels in each of three consecutive years. Six months of additional data will be required in order to provide an explicit comparison to the current CAAQS criteria of 28 µg/m³.



February 5, 2016
Mr. Greg Borchuk, P.Eng.
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Table 1 Summary of the 98th Percentile Daily Average PM_{2.5} Concentrations Measured to Date (µg/m³)

Period	Courtice Monitoring Station	Rundle Road Monitoring Station
June 2013 - June 2014 (Year 1)	22.6	23.5
July 2014 – June 2015 (Year 2)	23.4	26.6
July 2015 – December 2015	26.8	25.7

Regards,

STANTEC CONSULTING LTD.

SIGNED IN ORIGINAL

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