



February 15, 2018
File: 160950528

Attention: Mr. Christian Shelepuk, Supervisor, Waste Management Services (Compliance)

The Regional Municipality of Durham
1835 Energy Drive
Clarington, ON L1E 2R2

Dear Mr. Shelepuk,

Reference: Q4 2017 Ambient Air Quality Monitoring Report for the Durham York Energy Centre – Crago Road Station

Please find attached with this letter the Q4 2017 quarterly report for the Durham York Energy Centre (DYEC) Crago Road Station. This quarterly report provides a summary of the measurements collected at this station during October to December 2017 (calendar Quarter 4 of 2017).

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 calendar years. With the completion of monitoring in 2017, three calendar years of monitoring data are now available (2015-2017) and are presented in Table 1 for comparison to the 24-hour PM_{2.5} CAAQS. For this three-year period, the measured PM_{2.5} level at the Crago Road Station was below the 24-hour PM_{2.5} CAAQS of 28 µg/m³.

Annual average PM_{2.5} concentrations are provided in Table 2. As with the 24-hour CAAQS for PM_{2.5}, an explicit comparison to the annual PM_{2.5} CAAQS also requires annual data based on three consecutive calendar years, which are also now available for 2015-2017. The Crago Road Station measured 3-year annual average concentration was below the annual PM_{2.5} CAAQS of 10 µg/m³.

Table 1 Summary of the 98th Percentile Daily Average PM_{2.5} Concentrations Measured to Date (µg/m³)

Period	Crago Road Monitoring Station
2015	22.7
2016	22.6
2017	15.1
Three Year Average (2015 - 2017)	20.1



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Table 2 Summary of the Annual Average PM_{2.5} Concentrations Measured to Date (µg/m³)

Period	Crago Road Monitoring Station
2015	7.3
2016	6.6
2017	5.6
Three Year Average (2015 - 2017)	6.5

Regards,

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