



Stantec Consulting Ltd.

401 Wellington Street West, Suite 100, Toronto ON M5V 1E7

September 12, 2016

File: 160950528

Attention: Ms. Amanda Graham, Air Quality Analyst

Ministry of the Environment and Climate Change

Technical Support Section

5775 Yonge Street, 8th Floor

North York, Ontario M2M 4J1

Dear Ms. Graham,

Reference: Durham York Energy Centre, MOECC Review of 2015 Annual Report

The Ministry of the Environment and Climate Change (MOECC) conducted a review and issued a comment letter (dated August 19, 2016) for the 2015 Annual Ambient Air Quality Monitoring Report for the Durham York Energy Centre project. This letter provides our responses to the MOECC's comments.

MOECC Comment #1 (page 1 of 2): *The submitted validated hourly continuous data reports SO₂ and NO/NO₂/NO_x measurements in ppb. For consistency and simplicity, the same units should be used for these parameters when creating graphs, tables, and summaries in the annual report.*

Stantec Response: The format of the 2015 annual report was consistent with that of the 2013 and 2014 annual reports previously submitted and reviewed by the MOECC. For future annual reports the recommended change in units will be applied; however, we would caution that this change will then make comparisons between future and historical annual reports more difficult due to the different units.

MOECC Comment #2 (page 1 of 2): *Future annual reports should include more detail regarding the days with elevated concentrations that occurred throughout the year, describing local and regional conditions, plant operations, comparison with the Durham York Energy Center and the MOECC monitoring stations, and any other factors that may have contributed to any observed elevated concentrations. The annual reports should also provide a more thorough comparison with past years so that trends can more easily be assessed.*

Stantec Response: The annual reports were prepared following the content requirements specified in Section 2.5.3 of the MOECC Operations Manual for Air Quality Monitoring in Ontario, which requires detailed reporting of exceedances of air quality criteria, but does not stipulate any specific analysis/details required for other events. As requested, in future reports additional detail will be provided for selected days with the highest measured level of each continuously measured contaminant in the year. As only two full years of data have been collected, only limited



September 12, 2016
Ms. Amanda Graham, Air Quality Analyst
Page 2 of 2

Reference: Durham York Energy Centre, MOECC Review of 2015 Annual Report

comparisons with past years could be provided in the 2015 report. In future reports, a more thorough comparison (with a larger data set) will be provided as requested.

Regards,

STANTEC CONSULTING LTD.

Timothy Hung, B.A.Sc.
Air Quality Specialist
Phone: (905) 944-4809
Fax: (905) 474-9889
timothy.hung@stantec.com

Connie Lim, B.A.Sc.
Project Manager, Atmospheric Environment
Phone: (905) 415-6385
Fax: (905) 474-9889
connie.lim@stantec.com

Gregory Crooks, M.Eng., P.Eng.
Principal, Environmental Services
Phone: (416) 598-7687
Fax: (416) 596-6680
gregory.crooks@stantec.com

Attachment: None

- C.
- Ross Lashbrook, Manager, Technical Support Section, Central Region
 - Paul Martin, APEP Supervisor (A), Technical Support Section, Central Region
 - Emilee O'Leary, Regional Environmental Assessment Coordinator, Central Region, MOECC
 - Natasa Tomas, Environmental Scientist, Technical Support Section, Central Region, MOECC
 - Celeste Dugas, District Manager (A), York-Durham District Office
 - Sandra Thomas, Issues Coordinator, York-Durham District Office
 - Phil Dunn, Senior Environmental Office, York-Durham District Office
 - Gavin Battarino, Project Officer, Environmental Approvals Branch, MOECC
 - Greg Borchuk, The Regional Municipality of Durham
 - Giuseppe Anello, The Regional Municipality of Durham
 - Melodee Smart, The Regional Municipality of Durham
 - Mirka Januszkiewicz, Director, Waste Management, The Regional Municipality of Durham
 - Laura McDowell, Director, Environmental Promotion and Protection, York Region

ay v:\01609\active\160950528\planning\correspondence\moecc\2015annual_review\160950528_moecc comments_2015annual_v2_09122016.docx