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February 11, 2021

Celeste Dugas, Manager, York Durham District Office
Ministry of the Environment, Conservation and Parks
230 Westney Road South, Floor 5
Ajax, Ontario L1S 7J5

and

Bill Fullerton, Source Assessment Specialist (Acting)
Ministry of the Environment, Conservation and Parks
40 St. Clair Ave West, Foster Building, Floor 9
Toronto, Ontario M4V 1M2

Dear Ms. Dugas and Mr. Fullerton:

**RE: Durham York Energy Centre
Long-Term Sampling for Dioxins and Furans (AMESA)
Environmental Compliance Approval 7(3)
MECP File #: EA-08-02**

The Regional Municipality of Durham and the Regional Municipality of York (Regions) and members of the Ministry of the Environment, Conservation and Parks (MECP) participated in a teleconference on Monday, January 11, 2021, to discuss the AMESA Work Plan and next steps required as part of the Environmental Compliance Approval section 7(3), for the long-term sampling for dioxins and furans (AMESA). As presented and agreed to, the Regions intend to pursue the following path forward with respect to continued AMESA sampling and reporting efforts.

The progress and results achieved of the AMESA Work Plan are summarized in the attached AMESA Summary Report, dated February 3, 2021. Tasks (1) through (6) of the AMESA

Workplan (November 14, 2018) have been completed. The activities completed including program modifications, as outlined within the workplan, have resulted in improvements to system performance and correlation testing, demonstrating improved confidence that the AMESA system is now producing data that is appropriate for identifying long-term emission trends and/or fluctuations as well as demonstrating the ongoing performance of the Air Pollution Control (APC) Equipment associated with the boilers.

The AMESA system and the results will continue to be utilized as stated in ECA Condition 7(3), for the evaluation of the Long-Term Sampling System (LTSS) and trend analysis and evaluation of Air Pollution Control (APC) Equipment performance.

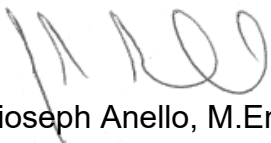
As a result of completed AMESA Work Plan tasks (1) through (6), the following activities are offered as the intended path forward:

- a. The Long-Term Sampling for dioxins and furans will continue to be operated at the DYEC with the continuation of AMESA Program and Record Retention.
- b. LTSS data validation will continue in conformance with the AMESA investigation checklist.
- c. Validated LTSS data shall be utilized to evaluate trends in the performance of the facility's APC Equipment.
- d. Annual AMESA correlation tests will be discontinued following the November 2020 Source Test. Correlation testing will be re-implemented if the AMESA results exhibit an erratic trend.
- e. All AMESA records required by ECA conditions 14(3) through 14(8) will be stored at the Facility and will be available for MECP inspection. Monthly data shall be summarized and presented in the annual ECA report.
- f. AMESA results for the previous year will be reported as part of the Annual Report as required by ECA Condition 15, commencing with data collected during the 2020 calendar year. AMESA trends of validated data will be presented as a 12-month rolling average together with analysis to demonstrate the ongoing performance of the APC Equipment. A summary of non-routine maintenance completed on the AMESA system will be presented as part of the Annual Report.

Copies of the updated AMESA Investigation checklist and AMESA workplan document are enclosed.

If you require any further information, please contact Gioseph Anello, Director, Waste Management Services, at 905-668-7711 extension 3445.

Sincerely,



Gioseph Anello, M.Eng., P.Eng., PMP
Director, Waste Management Services

The Regional Municipality of Durham
905-668-7711 extension 3445
Gioseph.Anello@durham.ca



Laura McDowell, P.Eng.
Director, Environmental Promotion
and Protection

The Regional Municipality of York
905-830-4444 extension 75077
Laura.McDowell@york.ca

- c. J. McKerrall, Manager (A), Technology Standards Section, MECP
G. Azocar, Source Assessment Specialist, Technology Standards Section, MECP
P. Dunn, Senior Environmental Officer, York Durham District Office, MECP
L. Brasowski, Director, Environmental Engineering, Covanta
M. Neild, DYEC Facility Manager, Covanta
L. Kwan, Environmental Specialist, Covanta
A. Evans, Project Manager, Waste Planning and Technical Services, Durham Region
M. Farid, Contract Management Engineer, Environmental Services, York Region

Enclosures: DYEC AMESA Report – February 3, 2021
DYEC AMESA Investigation Checklist Rev.0 – February 3, 2021