



KOCH FERTILIZER CANADA ULC

March 4, 2021

Ms. Shannon Kohler
Environmental Approvals Branch
Manitoba Conservation and Climate
1007 Century Street
Winnipeg, MB R3H 0W4

RE: Notice of Alteration for installation of Continuous Emission Monitoring System (CEMS)

Dear Ms. Kohler:

As recommended by Jennifer Winsor and Kristy Forrestall, Environment Officer Manitoba Conservation and Climate, please find the attached, completed Notice of Alteration form and report which outlines Koch Fertilizer Canada, ULC's (KFC) plan to install a Continuous Emission Monitoring System (CEMS) within the #1 Nitric Acid manufacturing plant. The purpose of installing the CEMS unit is to collect more accurate operating data in order to support the federal Greenhouse Gas reporting. The installation of the CEMS unit will not alter the manufacturing process of Nitric Acid.

This project would not result in a change in the facility's ability to comply with any of the existing conditions in Environment Act License 1535 RR and KFC are not aware of any environmental impacts as a result of this activity.

If you have any questions or concerns with this submittal, do not hesitate to contact me at (204) 578-3697 or braden.mackay@kochind.com.

Yours truly,

KOCH FERTILIZER CANADA, ULC

Braden Mackay
Environmental Manager



KOCH FERTILIZER CANADA ULC

Report to Support Notice of Alteration for installation of Continuous Emission Monitoring System (CEMS)

Koch Fertilizer Canada, ULC (KFC) is seeking to install a Continuous Emission Monitoring System (CEMS) to collect operational data that will help with reporting under the federal greenhouse gas regulations by monitoring Nitrous Oxide (N₂O) emissions leaving the catalytic combustor within the #1 Nitric Acid manufacturing plant. The stack mounted probe and the gas analyzing equipment will be installed in a location that is accessible at all times and during all weather conditions. The CEMS unit being installed will have the ability to detect NO_x, CO, N₂O, CH₄ and NH₃.

As the project progresses, the final installation of this project is set to conclude at the end of July 2021. There is no change to any of the manufacturing processes and no environmental impacts or human health effects resulting from this installation. This project would not result in a change in the facility's ability to comply with any of the existing conditions in Environment Act License 1535 RR.