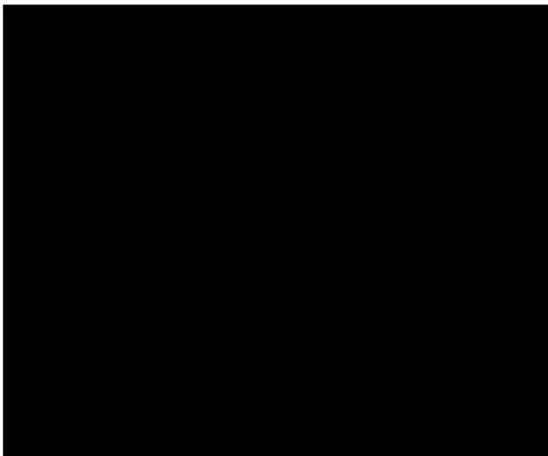




KOCH FERTILIZER CANADA ULC

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 Lean Methyl Diethanolamine (MDEA) trim Cooler

Dear Ms. Kohler:

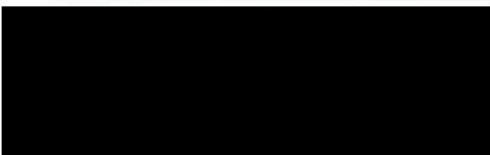
As recommended by Jennifer Windsor and Kristy Forrestall, Environment Officer Manitoba Conservation and Climate, please find the attached, completed Notice of Alteration form and report which outlines Koch Fertilizer Canada, ULC's (KFC) plan to install a new Lean Methyl Diethanolamine (MDEA) Trim Cooler within the Ammonia manufacturing plant. The purpose of installing the MDEA Cooler is to increase the Ammonia production capacity by 10,000 metric tonnes per year (MTPY). The installation of the MDEA Cooler unit will not alter the manufacturing process of Ammonia and does not change any of our stack emission profiles.

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.

Yours truly,

KOCH FERTILIZER CANADA, ULC



Braden Mackay
Environmental Manager



KOCH FERTILIZER CANADA ULC

Report to Support Notice of Alteration for installation of a new Lean Methyl Diethanolamine Cooler (MDEA Cooler)

Koch Fertilizer Canada, ULC (KFC) is seeking to install a new Lean Methyl Diethanolamine (MDEA) Cooler within the Anhydrous Ammonia manufacturing plant. This is a brand new MDEA cooler and its function will be to cool MDEA solution. The MDEA solution gets too hot (especially during summer months) and limits the operating capacity of the ammonia plant. The new MDEA Cooler will use cooling water to help cool the MDEA solution allowing the ammonia plant to operate at a greater capacity (by an additional 10,000 MTPY). However, the increase in ammonia production will remain below the overall Ammonia Plant rated production capacity and will not change any of our stack emission profiles.

As the project progresses, the final installation of this project is set to conclude in September 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.



KOCH FERTILIZER CANADA ULC

Report to Support Notice of Alteration for installation of a new Lean Methyl Diethanolamine Cooler (MDEA Cooler)

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As the project progresses, the final installation of this project is set to conclude in September 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.

Notice of Alteration Form



Client File No. :	Environment Act Licence No. : 1535 RR	
Legal name of the Licencee:	Koch Fertilizer Canada, ULC	
Name of the development:	Koch Fertilizer Canada, ULC	
Category and Type of development per Classes of Development Regulation:	Manufacturing Manufacturing and industrial plants	
Licencee Contact Person:	Braden Mackay, Environmental Manager	
Mailing address of the Licencee:	1400 17th Street East	
City:	Province:	Postal Code:
Brandon	Manitoba	R7A 7C4
Phone Number: (204) 578-3697	Fax:	Email: braden.mackay@kochind.com
Name of proponent contact person for purposes of the environmental assessment (e.g. consultant): Braden Mackay, Environmental Manager		
Phone: (204) 578-3697	Mailing address:	
Fax:	1400 17th Street East Brandon Manitoba, R7A 7C4	
Email address: braden.mackay@kochind.com		
Short Description of Alteration (max 90 characters): Installation of a new lean methyl diethanolamine (MDEA) cooler		
Alteration fee attached: Yes: <input type="checkbox"/> No: <input checked="" type="checkbox"/>		
If No, please explain: Alteration to equipment or works that do not change the environmental effects		
Date: 2021-02-16	Signature:	
	Printed name:	Braden Mackay
<p>A complete Notice of Alteration (NoA) consists of the following components:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Cover letter <input checked="" type="checkbox"/> Notice of Alteration Form <input checked="" type="checkbox"/> 2 hard copies and 1 electronic copy of the NoA detailed report (see "Information Bulletin - Alteration to Developments with Environment Act Licences") <input type="checkbox"/> \$500 Application fee, if applicable (Cheque, payable to the Minister of Finance) 		<p>Submit the complete NoA to:</p> <p>Director Environmental Approvals Branch Manitoba Sustainable Development 1007 Century Street Winnipeg, Manitoba R3H 0W4</p> <p>For more information:</p> <p>Phone: (204) 945-8321 Fax: (204) 945-5229 http://www.gov.mb.ca/sd/eal</p>
<p>Note: Per Section 14(3) of the Environment Act, Major Notices of Alteration must be filed through submission of an Environment Act Proposal Form (see "Information Bulletin – Environment Act Proposal Report Guidelines")</p>		

