

Sustainable Development

Environmental Stewardship Division
Environmental Approvals Branch
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File: 264.10

June 21, 2016

Mr. Dean Melnic
Plant Manager
McCain Foods (Canada) Ltd.
P.O. Box 70
Carberry, MB R0K 0H0

Dear Mr. Melnic:

Re: McCain Foods (Canada) Ltd. –Environment Act Licence No. 2650 RR – Notice of Alteration

Receipt of the May 30, 2016 letter submitted by Dillon Consulting Limited on behalf of McCain Foods is acknowledged as a notice of alteration in accordance with Section 14 of *The Environment Act*.

The requested change to the Development as Licensed is for the temporary suspension of Clause 19 (b) of Environment Act Licence No. 2650 RR, respecting the effluent irrigation conditions set out in Appendix G of the Licence.

The information provided states that soil analysis of a 65 acre potato field located on the east half of the southeast quarter of Section 20-10-14 WPM showed that nitrate nitrogen (NO₃-N) residuals in the soil exceeded the allowable limits stated in Appendix G of the Licence. According to the Licence, effluent irrigation is not permitted on the field due to the residual NO₃-N exceeding the allowable limit. However, the field has no other source of irrigation water and the farmer has already planted the field with potatoes.

Specifically, the request is to allow effluent irrigation for the 2016 growing season and to remediate the soil in the 2017 growing season by planting cereal crops to facilitate the uptake and removal of the residual nitrogen. Effluent irrigation would also take place throughout the 2017 growing season.

The potential environmental effect of the requested change to the Development as Licensed is insignificant and considered to be a minor alteration in accordance with Section 14(2) of *The Environment Act*. The temporary suspension of Clause 19 (b) of Environment Act Licence No. 2650 RR is approved based on the proposed mitigation measures described in the May 30, 2016 letter and is subject to the following conditions:

1. The Licencee shall:
 - a) monitor the soil NO₃-N residuals in any field where NO₃-N residuals exceed Licence conditions by sampling to a six (6) foot depth at the end of each growing season;
 - b) sample to a deeper depth, as determined by Manitoba Agriculture and Manitoba Sustainable Development, if there are indications of leaching to the six (6) foot depth; and
 - c) submit the monitoring results in a report to Manitoba Agriculture and Manitoba Sustainable Development on or before December 31st of the growing season year.

2. The Licencee shall:
 - a) record all irrigation events at any field where NO₃-N residuals exceed Licence conditions; and
 - b) submit the records in a report to Manitoba Agriculture and Manitoba Sustainable Development on or before December 31st of the growing season year.

3. The Licencee shall:
 - a) monitor crop growth at any field where NO₃-N residuals exceed Licence conditions; and
 - b) submit the agronomic records in a report to Manitoba Agriculture and Manitoba Sustainable Development on or before December 31st of the growing season year.

4. The suspension of Clause 19 (b) of Environment Act Licence No. 2650 RR terminates on December 31, 2017.

If you have any questions, please contact Jennifer Winsor, P.Eng. at 204-945-7012.

Yours sincerely,
“original signed by”

Tracey Braun, M.Sc.
Director

- c. Don Labossiere/Tim Prawdzik/Peter Crocker– Environmental Compliance and Enforcement Branch, Manitoba Sustainable Development
Jennifer Winsor – Environmental Approvals Branch, Manitoba Sustainable Development
Mitchell Timmerman – Manitoba Agriculture
Douglas Bell – Dillon Consulting Limited
Public Registries