



Sustainable Development

Environmental Stewardship Division
Environmental Approvals Branch
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File: 2755.20

September 18, 2019

Sheldon Stott
R3 Innovations Inc.
Box 100
La Broquerie, MB R0A 0W0

Dear Mr. Stott:

**Re: R3 Innovations Inc./Town of Neepawa IWWTF – Environment Act Licence No. 2870 RRR
– Notice of Alteration**

Receipt of your September 10, 2019 submission 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 to remove sludge solids from the cells of the existing industrial wastewater treatment lagoon facility (IWWTF) located adjacent to the R3 Innovations Inc. industrial wastewater treatment plant.

The information provided states that the removal of the solids is the initial stage of treating the lagoon wastewater to a state in which it can then be sent to R3 Innovations for further treatment with eventual discharge as per the requirements of Environment Act Licence No. 2870 RRR.

Specifically, the request is to dewater the existing lagoon sludge solids, with all centrate remaining within the wastewater treatment lagoon cells. The sludge material, at approximately 25% dry matter content, will be placed in lined roll off bins and transported to Waste Connections Canada for disposal and management at their landfill. It is estimated that approximately 150 to 300 tonnes of solids material will be sent to the Waste Connections Canada Landfill for disposal and management.

The request to dewater and remove the sludge solids from the industrial wastewater treatment lagoon facility will begin in September 2019 and terminate prior to freezing conditions in 2019.

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. Approval is hereby granted for the dewatering and sludge solids removal from the existing industrial wastewater treatment lagoon facility in accordance with the September 10, 2019 submission and subject to the following conditions:

1. The Licencee shall:
 - a. record the volume of all solids material sent to the Waste Connections Canada Landfill on a daily and weekly basis;
 - b. prepare a report with all material volume information; and
 - c. make the report available to the Environment Officer upon request.
2. The Licencee shall sample and analyze the solids material on a weekly basis to determine the composition of the solids material, including nutrient content, and make the weekly sample results available to the Environment Officer upon request.
3. The Licencee shall transport all solids material from the development in containers in such a manner to prevent the loss of any material to the satisfaction of an Environment Officer.
4. The Licencee shall adhere to all specifications, terms and conditions of Environment Act Licence No. 2870 RRR.
5. This approval terminates on December 20, 2019 or at the discretion of the Director should circumstances be warranted.

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

Yours sincerely,



Siobhan Burland Ross, M.Eng., P.Eng.
Director
Environment Act

- c. Nicole Lavellee, Environmental Compliance and Enforcement
Peter Crocker, Environmental Compliance and Enforcement
Public Registry