



Conservation and Water Stewardship

Environmental Stewardship Division
Environmental Approvals Branch
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File: 94.20

May 1, 2015

Ms. Pamela Pannagi
A/Chief Administrative Officer
Rossburn Municipality
Box 100
Rossburn MB R0J 1V0

Dear Ms. Pannagi:

**Re: Rossburn Wastewater Treatment Lagoon – 2015 Effluent Irrigation Trial
Environment Act Licence No. 499**

This is in response to a request of January 12, 2015 on your behalf from the Upper Assiniboine River Conservation District concerning an effluent irrigation trial in 2015 for the above facility. The purpose of the trial is to demonstrate the feasibility of effluent irrigation as an alternative to surface discharge.

As the environmental effects of the proposed trial with mitigation measures in place are insignificant, approval is hereby given pursuant to Section 14 (2) of *The Environment Act* to implement the trial for the period May – September, 2015, subject to the following conditions:

1. All provisions of Environment Act Licence No. 499 remain in effect, with the exception of the permissible discharge date (May 15 – September 30, 2014 for effluent irrigation) and the discharge method. If a discharge via the surface drainage network is required during this period, all provisions of the Licence apply to the discharge.
2. Effluent irrigation shall not be undertaken if the irrigation causes or increases surface ponding on the fields where the effluent is applied. Effluent irrigation may not occur for more than 10 hours continuously in a 24 hour period. Effluent runoff from the fields shall not be permitted.
3. A 100 metre buffer zone is required between effluent application areas and property boundaries, wells and waterways, and public roadways, including provincial and municipal roads. Irrigation including wind drift may not occur in the buffer zone.
4. A 300 metre buffer zone is required between effluent application areas and residences.

5. Effluent irrigation may not take place on crops which may be eaten raw or unprocessed by humans. Harvesting or grazing of the irrigated crop may not take place within seven days of effluent application. Grazing by dairy cattle may not take place within 30 days of effluent application.
6. All proposed monitoring shall be completed. A report summarizing the monitoring program shall be provided by January 30, 2016 to this office.

Should you have any questions concerning this approval, please contact Bruce Webb of this office at 204-945-7021 or Bruce.Webb@gov.mb.ca.

Yours truly,

“original signed by”

Tracey Braun, M.Sc.
Director

- c. Ryan Canart, Upper Assiniboine River Conservation District
Don Labossiere, Manitoba Conservation and Water Stewardship
Tim Prawdzik, Manitoba Conservation and Water Stewardship
Peter Crocker, Manitoba Conservation and Water Stewardship
Public Registries