

FILE NO.: 4884.10

September 17, 2020

Charlene Bonchuk, CMMA
Chief Administrative Officer
Prairie View Municipality
Box 70
Birtle MB R0M 0C0

Dear Charlene Bonchuk:

Re: Pilot Project – Miniota Wastewater Treatment Lagoon Effluent Irrigation on the Miniota Golf Course

This is in response to your request of August 6, 2020 for approval for a pilot project involving the use of effluent from the Miniota wastewater treatment lagoon for irrigation on the Miniota golf course.

As the environmental effects of the proposed pilot project with mitigation measures in place are insignificant, approval is provided pursuant to Section 14(2) of The Environment Act to implement the pilot project until September 30, 2022, subject to the following conditions:

1. All provisions of Environment Act Licence No. 2598 R remain in effect, with the exception of the permissible discharge date (May 15 – September 30 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 is stored in the holding pond on the golf course and tested for coliform bacteria (either fecal coliform or *Escherichia coliform*). A coliform content with a Most Probable Number of less than 200 per 100 ml of sample must be confirmed prior to effluent irrigation.
3. Effluent is applied from the holding pond when the golf course is not in use.
4. Effluent is not applied when wind speed or other circumstances would allow the effluent to be carried onto any road or neighboring property.

5. Effluent irrigation shall not be undertaken on the Miniota golf course if the irrigation causes or increases surface ponding where the effluent is applied. Effluent runoff from the golf course shall not be permitted at any location.
6. Dates and times of effluent transfer to the holding pond and effluent irrigation use shall be recorded. Approximate daily volumes of effluent pumped to and from the holding pond based on pump capacities and run times shall be recorded. All effluent quality testing results from the lagoon (from Licence requirements) and from the holding pond (from condition 2 above) shall be recorded.
7. All monitoring described in condition 6 above shall be reported in a monitoring program summary, due by January 30, 2023 to this office.
8. At the conclusion of the pilot project, should the municipality want to continue the pilot project on an extended or permanent basis, a Notice of Alteration must be filed for the change in discharge method for the wastewater treatment lagoon. The monitoring program summary would be a required component of the Notice of Alteration.

If you have any questions on this matter, please contact Bruce Webb, Environmental Engineer, Manitoba Conservation and Climate at Bruce.Webb@gov.mb.ca.

Sincerely,

Original Signed By

Shannon Kohler, Director
Environment Act

cc: Kristal Harman, Yvonne Hawryliuk, Nicole Lavallee – Environmental Compliance and Enforcement
Ryan Canart – Assiniboine West Watershed District
Bruce Webb – Environmental Approvals
Public Registries