

**Manitoba**



**Sustainable Development**

Environmental Stewardship Division  
Environmental Approvals Branch  
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**File No. 935.20**

August 2, 2019

Luc Lahaie  
Chief Administrative Officer  
Rural Municipality of Hanover  
28 Westland Drive  
Mitchell MB R5G 2N9  
[general@hanovermb.ca](mailto:general@hanovermb.ca)

Dear Mr. Lahaie:

**Re: Grunthal Wastewater Treatment Lagoon – Pilot Effluent Irrigation Trial**

This is in response to a letter of July 23, 2019 from WSP Canada Inc. on behalf of the Rural Municipality of Hanover concerning a proposed effluent irrigation pilot project using effluent from the Grunthal wastewater treatment lagoon. The pilot project would be undertaken in June, 2020, and would assess the feasibility of longer term use of the effluent for this purpose. The effluent would be applied to an alfalfa/grass crop on NE 20-5-5E, adjacent to the facility.

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 June 1 – June 30, 2020, subject to the following conditions:

1. All provisions of Environment Act Licence No. 2984 remain in effect, with the exceptions of the permissible discharge method, nutrient limits and discharge date (i.e. subclauses 34 e), f) and g) of the Licence.) 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. Harvesting of the irrigated crop may not take place within seven days of effluent application.
6. All proposed monitoring shall be completed. A report summarizing the monitoring program shall be provided by January 30, 2021 to this office.

Should you have any questions concerning this approval or the preparation of a future alteration request, please contact Bruce Webb of this office at 204-945-7021 or [Bruce.Webb@gov.mb.ca](mailto:Bruce.Webb@gov.mb.ca). For other matters involving Environment Act Licence No. 2984, you may contact Larry Markwart of the Environmental Compliance and Enforcement Branch at 204-392-3227 or [Larry.Markwart@gov.mb.ca](mailto:Larry.Markwart@gov.mb.ca).

Sincerely,

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal tail extending to the right.

Cordella Friesen  
Director  
The Environment Act

- c. Justin Rak-Banville, WSP  
Scott Davies / Yvonne Hawryliuk / Larry Markwart, Environmental Compliance and Enforcement  
Public Registries