



Conservation and Climate  
Environmental Stewardship Division  
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File No.: 4814.00

July 24, 2020

Kelly Cosgrove, Assistant Chief Administrative Officer  
Rural Municipality of Gimli  
Box 1246  
Gimli, MB R0C 1B0

Dear Kelly Cosgrove:

**RE: Rural Municipality of Gimli – Gimli Wastewater Treatment Plant – Approval to Decommission Cell Nos. 1, 3, & 4 of the Existing Lagoon – Environment Act Licence No. 2587**

Thank you for the Decommissioning Plan dated June 19, 2020, submitted by Dana Bredin, P.Eng. of WSP, relative to decommissioning Cell Nos. 1, 3, and 4 of the existing wastewater treatment lagoon systems (“lagoon”) located on SW 9-19-4 EPM in the Town of Gimli.

Clause 41 of Environment Act Licence No. 2587 requires submission of a plan to the Director to decommission the existing wastewater treatment lagoon within one year of issuing Licence No. 2587 and carrying out of the decommissioning plan approved by the Director within a prescribed time. Based on review of a letter dated May 27, 2010 and associated documents submitted by the RM’s consultant, the Department issued a Notice of Alteration approval on July 7, 2010 allowing the RM to maintain Cell No. 2 of the former Town of Gimli’s wastewater treatment lagoon as an emergency equalization basin to protect the Regional Wastewater Treatment Facility from flooding during extreme events.

The June 19, 2020 decommissioning plan is as follows:

- a) discharging treated effluent from Cell Nos. 1, 3, and 4 into the former discharge ditch of the lagoon;
- b) hauling the dried sludge generated from the above cells to the proposed biosolids storage facility located on portions of SW 10-21-3 EPM;
- c) levelling the dykes of those cells after removal of sludge;
- d) fencing the perimeter of Cell No. 2; and
- e) completing all the activities by October 31, 2020.

Upon review of the submitted decommissioning plan, I hereby approve the implementation of the June 19, 2020 decommissioning plan with the following conditions:

1. The Licencee shall not discharge effluent from Cell Nos. 1, 3, and 4 of the existing wastewater treatment lagoon:
  - a. where the organic content of the effluent, as indicated by the five day carbonaceous biochemical oxygen demand, is in excess of 25 milligrams per litre;
  - b. where the total suspended solids content of the effluent is in excess of 25 milligrams per litre, unless the exceedance is caused by algae;
  - c. where the fecal coliform content of the effluent, as indicated by the MPN index, is in excess of 200 per 100 millilitres of sample;
  - d. where the total phosphorus content of the effluent is in excess of 1.0 milligrams per litre;
  - e. where the unionized ammonia content of the effluent is in excess of 1.25 milligrams per litre, expressed as nitrogen (N), at  $15^{\circ}\text{C} \pm 1^{\circ}\text{C}$ ;
  - f. between the 1st day of November of any year and the 15th day of June of the following year;
  - g. when flooding from any cause is occurring along the effluent drainage route; or
  - h. when the discharge of effluent would cause or contribute to flooding in or along the effluent drainage route.
2. The Licencee shall transport biosolids generated from Cell Nos. 1, 3, and 4 of the wastewater treatment lagoon to the proposed cells of the biosolids storage pond located on portions of SW 10-21-3 EPM in containers in such a manner to prevent loss of biosolids, sludge solids and associated liquids to the satisfaction of an Environment Officer.
3. The Licencee shall submit to the Director of Environmental Approvals Branch a decommissioning completion report by December 31, 2020.

All other clauses of Environment Act Licence No. 2587 remain in effect.

Should you have any questions concerning this approval, please contact Asit Dey, Environmental Engineer, at (204) 794-3389 or at [Asit.Dey@gov.mb.ca](mailto:Asit.Dey@gov.mb.ca).

Yours sincerely,

Originally Signed by

Shannon Kohler  
Director  
Environment Act

cc: Dana Bredin, P.Eng.: WSP  
Kristal Harman/Peter Crocker/Tyler Kneeshaw/Katie Martin: Environmental Compliance and Enforcement  
Asit Dey: Environmental Approvals  
Public Registry