

Sustainable Development

Environmental Stewardship Division
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File: 5634.00

November 6, 2018

Micheal Waldner
Glenway Holding Co. Ltd.
Box 182
Dominion City, MB ROA OHO
Email: micheal@glenway.net

Dear Micheal Waldner:

Re: Glenway Holding Co. Ltd. - Minor Notice of Alteration Approval - Environment Act Licence No. 3276

I am responding to the Notice of Alteration request dated October 25, 2018, submitted by you, relative to a request for alteration to Environment Act Licence No. 3276 (Licence), originally issued for the construction, operation, and maintenance of the Development being an expanded wastewater treatment lagoon located on portions of 2-3-3 EPM in the Municipality of Emerson-Franklin. The October 25, 2018 submission is considered a Notice of Alteration pursuant to Section 14 of The Environment Act.

The intent of the October 25, 2018 Notice of Alteration request is three-fold:

1. to allow for discharge of partially-treated wastewater into an oxbow of the Roseau River in order to facilitate the storage of wastewater during the 2018-2019 winter period. The partially-treated wastewater does not meet the licensing limits for total phosphorus but meets all other effluent criteria including total suspended solids and fecal coliforms (i.e., requires an alteration to Clauses 26-e, 29-a, and 54);
2. to conduct effluent phosphorus testing in the constructed swale starting from 2019; and
3. to extend the effluent discharge deadline from October 31, 2018 to November 15, 2018 (i.e., requires an alteration to Clause 26-f).

Environment Act Licence No. 3276 authorizes the Colony to spray irrigate the treated effluent from the existing wastewater treatment lagoon during construction of the Secondary Cell No. 3 or during the repair of the existing cells, and to discharge treated effluent via a constructed swale to an oxbow of the Roseau River after commissioning of the Secondary Cell No. 3. The Colony is requesting to begin the trickle discharge of effluent from the existing cells now pending the commissioning of the Secondary Cell No. 3. The Colony proposes to temporarily use a double layer high-density polyethylene liner material on the bank of the Oxbow for erosion control purposes. The Colony proposes to riprap the bank of the oxbow at the swale discharge point in 2019.

It is my understanding that expansion of the existing wastewater treatment lagoon is currently underway and upon successful completion of the upgrades to the existing wastewater treatment lagoon, the treated wastewater from the upgraded wastewater treatment lagoon will be able to fully meet the Licence limits.

Pursuant to Section 14(2) of The Environment Act, I hereby approve the implementation of the proposed alteration by suspending Clauses 26(e), 26(f), 29(a), and modifying Clause 54 with the following conditions:

1. The Licencee shall trickle discharge the effluent from the existing wastewater treatment lagoon into a constructed swale in order to discharge the effluent into an oxbow of the Roseau River located north-west of the existing wastewater treatment lagoon.
2. The Licencee shall not discharge effluent from the wastewater treatment lagoon after November 19, 2018, except in accordance with Licence No. 3276.
3. The Licencee shall, for the first three discharge events using a discharge to the Oxbow of the Roseau River, implement a sampling and monitoring program for phosphorus in the effluent between the outlet of the wastewater treatment lagoon and the Oxbow of the Roseau River:
 - a) the program shall include sampling total phosphorus at the outlet of the wastewater treatment lagoon, at the midpoint of the discharge route between the outlet and the Oxbow of the Roseau River, and in the discharge route immediately upstream of its confluence with the Oxbow of the Roseau River;
 - b) samples shall be obtained near the beginning, midpoint and end of the discharge event; and
 - c) The Licencee shall provide a report along with the testing results and discussion on the effectiveness of trickle discharge on nutrient reduction to the designated Environment Officer, for review and approval, before December 31, 2018.
4. The Licencee shall take protective measures acceptable to an Environment Officer such that the bank of the Oxbow of the Roseau River does not erode due to discharge of effluent from the wastewater treatment lagoon.

All other clauses in Environment Act Licence No. 3276 remain in effect. This approval shall terminate on December 31, 2018.

Should you have any questions concerning this approval, please contact Asit Dey, Environmental Engineer at (204)945-2614 or at asit.dey@gov.mb.ca.

Yours sincerely,



Tracey Braun, M.Sc.
Director

- c. Don Labossiere/Larry Markwart, Environmental Compliance and Enforcement
Siobhan Burland Ross/Asit Dey, Environmental Approvals Branch
Public Registry