

Sustainable Development

Environmental Stewardship Division
Environmental Approvals Branch
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File: 2516.10

August 21, 2017

Joyce Thorvaldson
Blue Water Lands Ltd. (Blue Water RV Park and Campground)
Box 329
St. Malo, MB R0A 1T0
Email: jthorvaldson@mymts.net

Dear Joyce Thorvaldson:

Re: Blue Water RV Park and Campground Wastewater Treatment Lagoon – Minor Alteration Approval – Environment Act Licence No. 1140

I am responding to the January 3, 2017 Notice of Alteration, submitted by you, relative to a request for alteration to Environment Act Licence No. 1140 (licence), originally issued for operation of the Development being a wastewater treatment lagoon located on NE 32-18-10 EPM in Rural Municipality of Alexander. The submission is considered a Notice of Alteration (NoA) pursuant to Section 14 of The Environment Act.

The intent of the NoA is to remove the total coliform analysis and the total coliform limit as a condition for effluent discharge as the current wastewater effluent standards for wastewater treatment facilities do not include a total coliform limit to be met before the treated effluent is discharged.

Upon review of the NoA, I am satisfied that the identified changes in the environmental effects as would result from the proposed alterations will be insignificant. Therefore, pursuant to Section 14(2) of The Environment Act, I hereby replace Clause 2 of Clean Environment Commission Order No. 1140 with the following:

2. a) The Licencee shall not discharge effluent from the wastewater treatment lagoon
 - i. 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;
 - ii. where the total suspended solids content of the effluent is in excess of 25 milligrams per litre;
 - iii. where the fecal coliform content of the effluent, as indicated by the MPN index, is in excess of 200 per 100 millilitres of sample; or
 - iv. where the unionized ammonia content of the effluent is in excess of 1.25 milligrams per litre expressed as nitrogen (N), at 15°C ± 1°C.

b) The Licencee shall, when chlorine is used as a disinfecting agent

- i. notify the Director in advance;
- ii. dechlorinate effluent prior to discharge;
- iii. obtain grab samples prior to and daily during the discharge period and have them analyzed for total residual chlorine; and
- iv. not discharge effluent where the concentration of the total residual chlorine is in excess of 0.02 milligrams per litre.

This approval is issued on the condition that you provide, by November 30, 2017, the outstanding information per my letter dated February 18, 2014 as follows:

- i. Certificate of Title showing the owner(s) and legal description of the land upon which the lagoon is built and 55 spots to be developed;
- ii. The current and projected population forecasting;
- iii. An engineering assessment of the current and projected hydraulic and organic loading of wastewater to the lagoon; and
- iv. An engineering assessment of the hydraulic and organic capacity of the lagoon by a licensed professional engineer.

Upon receipt of the requested information, an updated Environment Act Licence will be issued. All other clauses in Environment Act Licence No. 1140 remain in effect.

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
Environmental Approvals Branch

- c. Don Labossiere/Donna Smiley/Diane Oertel, Environmental Compliance and Enforcement Public Registries