



Sustainable Development

Environmental Stewardship Division
Environmental Approvals Branch
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File No. 914.20

June 11, 2019

Janice Thevenot, Chief Administrative Officer
Box 321
44 Whytewold Road
Matlock, MB R0C 2B0
Email: cao@dunnottar.ca

Dear Janice Thevenot:

Re: Village of Dunnottar – Wastewater Treatment Lagoon - Minor Notice of Alteration Approval - Environment Act Licence No. 2704 R

I am responding to the April 8, 2019 Notice of Alteration request, submitted by you, relative to a request for alteration to Environment Act Licence No. 2704 R (Licence), originally issued for the construction and operation of the Development being a wastewater treatment lagoon located on portions of NW 8-17-4 EPM in the Rural Municipality of St. Andrews. The submission is considered a Notice of Alteration (NoA) pursuant to Section 14 of The Environment Act.

The intent of the NoA request is two-fold:

- a) to assess the capability of BioHaven floating treatment platforms populated with wetland macrophytes in the secondary cell of the existing wastewater treatment lagoon in order to remove excess phosphorus from the municipal lagoon effluent; and
- b) to assess the capability of duckweed in order to remove excess phosphorus from the municipal lagoon effluent.

It is proposed that a total of five (5) floating treatment platforms will be populated with locally-sourced shallow marsh species (i.e., cattail) and platforms will be deployed in the secondary cell of the existing wastewater treatment lagoon in such a manner that creates a small sheltered test site with a surface area ranging from 120.0 m² to 150.0 m² for duckweed to proliferate. Duckweed and cattail biomass will be sampled from the test site to analyze for phosphorus concentration. The project is proposed to commence in 2019 and is scheduled to be complete by 2020.

Upon review of the NoA, I am satisfied that the identified changes in the environmental effects as would result from the proposed alteration will be insignificant. Therefore, pursuant to Section 14(2) of The Environment Act, I approve implementation of the April 8, 2019 Notice of Alteration request with a condition that the Rural Municipality submits to the Director, for review and approval, the final report on the findings of the pilot study on or before March 31, 2021.

All clauses in Environment Act Licence No. 2704 R 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,

A handwritten signature in black ink, appearing to read 'Cordella Friesen', with a stylized flourish at the end.

Cordella Friesen
Director
The Environment Act

c: Chris Penner, Scatliff + Miller + Murray
Scott Davies/Yvonne Hawryliuk/Larry Markwart, Environmental Compliance and Enforcement
Asit Dey, Environmental Approvals Branch
Public Registries