



Sustainable Development

Environmental Stewardship Division
Environmental Approvals Branch
123 Main Street, Suite 160, Winnipeg, Manitoba, Canada R3C 1A5
T 204 945-8321 F 204-945-5229
www.gov.mb.ca/sd/eal

File: 108.30

August 1, 2017

Bill Holden, Mayor
Town of Melita
Box 269
Melita, MB ROM 1LO
sleuft@mts.net

Dear Mr. Holden:

**Re: Town of Melita - Land Application of Wastewater Treatment Lagoon Cell Biosolids
– Notice of Alteration Approval - Environment Act Licence No. 3201**

I am responding to the June 19, 2017 letter, submitted by Mr. Gene Senior, Environmental Scientist, of KGS Group Consulting Engineers, relative to a request for a minor alteration to Environment Act Licence No. 3201. The June 19, 2017 letter is considered a Notice of Alteration pursuant to Section 14 of The Environment Act.

The intent of the Notice of Alteration request is to land apply the biosolids from the primary and secondary cells of the wastewater treatment lagoon to a field located on NW 25-3-27 WPM by broadcasting from a spreader followed by incorporation into the soil using a disc or cultivator within two days of spreading. By letters dated July 7, 2017 and July 14, 2017, the department was informed that the flooding in 2011 caused river silt to be mixed up with the biosolids in the wastewater treatment lagoon. By a letter dated July 26, 2017, the department was informed that the lagoon contained 12,000 m³ of biosolids and silt. It was proposed in the July 26, 2017 letter that biosolids from the primary cell of the wastewater treatment lagoon, currently stockpiled on top of the intercell dyke between the secondary and tertiary cells, will be land applied on NW 25-3-27 WPM at an agronomic application rate of 44 tons of biosolids per acre.

Upon review of the Notice of Alteration and additional information submitted on July 7, 2017; July 14, 2017; July 26, 2017; and July 27, 2017, 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 approve the implementation of the proposed alterations as described in the July 7, 2017 letter and additional information submitted on July 26, 2017 and July 27, 2017 under the following specifications, terms and conditions:

- a) The Licencee shall land apply the biosolids, which are currently stockpiled in the tertiary cell and on the intercell dyke between the secondary and tertiary cells, to agricultural land located on NW 25-3-27 WPM at an application rate of 44 tons of biosolids per acre;
- b) The Licencee shall land apply the biosolids windrowed along the inside slope of the secondary cell to agricultural land located on NW 25-3-27 WPM at an application rate of 38 tons per acre;
- c) The Licencee shall confirm that a canola crop is grown in NW 25-3-27 WPM after the biosolids are applied;
- d) The Licencee shall submit a Notice of Alteration with information on proposed application rates if there is any change in crop types; and
- e) The Licencee shall estimate the quantity of biosolids generated from the primary and secondary cells of the wastewater treatment lagoon and shall include the information in the annual report in accordance with Clause 32 of Environment Act Licence No. 3201.

All other clauses of the Environment Act Licence No. 3201 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

- c. Mr. Shaun Moffatt/Mr. Gene Senior, KGS Group Consulting Engineers
Don Labossiere/Tim Prawdzik/Peter Crocker, Environmental Compliance and Enforcement
Public Registries