

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/ea/

File: 2709.20

November 9, 2017

Christine Hutlet, CAO
R.M. of Taché
1294 Dawson Road, Box 100
Lorette, MB R0A 0Y0

Dear Ms. Hutlet:

**Re: Rural Municipality of Taché – L.U.D. of Landmark Wastewater Treatment Lagoon
– Sludge Removal**

I am responding to an October 10, 2017 Dillon Consulting Limited (DCL) letter and attachments regarding a request to remove and landfill sludge from the L.U.D. of Landmark wastewater treatment lagoon (lagoon) that is licenced under Environment Act Licence No. 2025 RR. The letter is received as a Notice of Alteration (NoA).

The letter and attachments identify short-term sludge management options including land application, landfilling, and spreading the sludge within the lagoon cell to reduce impact on the truck dump spillway. The letter and attachments indicate that the characteristics of the sludge cause it to be not suitable for land application as it contains a significant quantity of grit and gravel, particularly the material in the area of the cell nearest to the truck dump spillway. At this time removing and landfilling an estimated 6,000 m³ of sludge is proposed.

Upon review of the NoA, I have decided pursuant to Section 14(2) of The Environment Act not to approve the activities as proposed.

We understand that the accumulated sludge in the area immediately adjacent to the truck dump spillway is having a negative impact on the operation of this cell of the lagoon. Therefore, I have decided that the environmental impacts of removing a portion of the gritty, gravelly sludge and disposing of it at a landfill would be insignificant and would temporarily improve the operating capability of the truck dump spillway and this cell. Accordingly, I hereby approve the removal of a portion of the gritty, gravelly sludge from the area within the cell nearest the truck dump spillway and subsequent immediate disposal of it in a landfill pursuant to Section 14(2) of The Environment Act subject to the following conditions:

1. The quantity of material, being gritty, gravelly sludge, removed from the area of the lagoon nearest to the truck dump spillway during this work must not exceed 1,000 m³;
2. The integrity of the liner and structure of the lagoon must not be negatively impacted by the planned activities;
3. The responsible Environment Officer shall be notified at least five working days before the commencement of excavating and transferring the material from the lagoon;
4. The material must be transported in containers in such a manner to prevent loss of liquid and the material to the satisfaction of an Environment Officer;
5. The material must be disposed of as waste at a waste disposal ground operating under a permit issued in accordance with Manitoba Regulation 37/2016 – Waste Management Facilities or under the authority of a Licence issued pursuant to The Environment Act;
6. The material must be in an unfrozen state upon delivery to the waste disposal ground;
7. Once the removal, transfer, and disposal of the material has been completed, a brief summary describing the activities shall be provided to the Director;
8. Authorization for removing and disposing of the material at a waste disposal ground shall terminate November 30, 2017 unless otherwise approved by the assigned Environment Officer; and
9. The Rural Municipality of Taché shall:
 - a) undertake an engineering assessment of the operation of the lagoon, including:
 - i) the determination of sources of wastewater and related liquid waste products being conveyed to the lagoon by truck haul;
 - ii) the total estimated quantities and qualities of the different types of sludge in each cell of the this lagoon with special consideration with respect to the current primary cell; and
 - iii) assessment and discussion regarding options for future operation of the lagoon and options for removing or reducing the lagoon's accumulating sludge and grit/gravel materials; and
 - b) submit a report summarizing the findings of the engineering assessment to the Director by not later than March 30, 2018.

Curt Bueckert will be the responsible Environment Officer. You may contact Mr. Bueckert by email at curt.bueckert@gov.mb.ca or by telephone at 204-371-0889.

If you have any questions or would like to discuss this letter, please contact Robert Boswick, Environmental Engineer, at 204-945-6030.

Yours truly,



Tracey Braun, M. Sc.
Director
Environment Act

c: Indra Kalinovich, Ph.D. – Dillon Consulting Limited (IKalinovich@dillon.ca)
Don Labossiere/Donna Smiley/Diane Oertel – Environmental Compliance and Enforcement,
Manitoba Sustainable Development
Public Registries