



Conservation and Climate

Environmental Stewardship Division
Environmental Approvals Branch
1007 Century St. Winnipeg MB R3H 0W4
T 204-945-8321 F 204-945-5229

File No.: 2840.00
Licence No.: 1125

October 13, 2020

Shannon Gaultier
Municipality of Lorne
307 3rd Street, Box 10
Somerset MB R0G 2L0

Dear Shannon Gaultier:

**Re: Notre Dame du Lourdes Wastewater Treatment Lagoon – Intercell Dyke
Repair – Notice of Alteration**

I am responding to the July 22, 2020 WSP Notice of Alteration letter wherein it is proposed that the intercell dyke at the Notre Dame de Lourdes wastewater treatment lagoon (lagoon) will be repaired. Environment Act Licence No. 1125 applies to this lagoon.

The letter identifies activities to facilitate proposed repairs to the intercell dyke.

Upon review of the Notice of Alteration and the Licence, I have decided that the environmental impacts of the intercell dyke repair are insignificant. Accordingly, in accordance with Section 14(2) of The Environment Act, I hereby approve the proposed dyke repair activities pursuant to the following conditions:

1. The assigned Environment Officer must be notified at least two days in advance of commencing the work associated with the dyke repair.
2. Sludge and sludge contaminated materials must not be removed from the wastewater treatment lagoon or used in any way for dyke reconstruction or backfilling of related work areas.
3. In the event that repairs to or replacement of other components of the lagoon are found to be required during this dyke repair work, the assigned Environment Officer must be contacted immediately for discussion and potential approval prior to proceeding with such repairs or replacements.
4. The reconstruction of the intercell dyke must be completed in layers no greater than 150 mm thick and each layer shall be compacted to a density equivalent to that of the surrounding in-situ material of the dyke.

5. Backfill around miscellaneous appurtenances shall be compacted to a minimum of 300 mm above the top of the pipe, or to within 600 mm adjacent to valve boxes or other appurtenances. Material for backfill around pipes shall be carefully selected clay free of stones or hard lumps.
6. Any areas in and around the wastewater treatment lagoon disturbed by the intercell dyke repair activities must be returned to original or better condition.
7. Any ancillary components associated with this work must be recycled as may be appropriate or disposed of as waste at a waste disposal ground operating under the authority of a Licence or a permit issued pursuant to Manitoba Regulation 37/2016 – Waste Management Facilities.
8. Once the work is complete the assigned Environment Officer must be provided with a brief summary describing the work. The summary shall include a basic drawing displaying the general details of the location of the intercell dyke repair work relative to other associated components, including the intercell pipe.

This approval is contingent on the acceptance of a revised Environment Act Licence for the wastewater treatment lagoon to be issued in the near future.

Jay Rackham is the assigned Environment Officer relative to the above activities and may be contacted at Jay.Rackham@gov.mb.ca or 204-871-6034.

If you have any questions or would like to discuss the foregoing, please contact Robert Boswick, Environmental Engineer, Manitoba Conservation and Climate at Robert.Boswick@gov.mb.ca or 204-918-5853.

Sincerely,

Original Signed By

Shannon Kohler, Director
Environment Act

cc: Kristal Harman, Yvonne Hawryliuk, Tyler Kneeshaw – Environmental Compliance and Enforcement
Dana Bredin, P.Eng., Project Manager – WSP
Public Registries