

File No. 166.10

October 12, 2021

Kathleen Brown  
District Park Manager  
Parks and Protected Spaces  
68092 PR 206  
Cooks Creek MB R5M 0C9  
[Kathleen.Brown@gov.mb.ca](mailto:Kathleen.Brown@gov.mb.ca)

Dear Kathleen Brown:

**Re: Environment Act Licence No. 2687 R - Notice of Alteration Approval**

Thank you for the Notice of Alteration request, dated August 20, 2021, submitted by Dana Bredin, P.Eng., of WSP Canada Inc., for the wastewater treatment lagoon operating under the Environment Act Licence No. 2687 R.

The intent of the alteration is to repair the dykes of the lagoon. Enclosed with the alteration was the October 28, 2019 lagoon dyke assessment report. The report includes recommendations to raise the north and east dykes of the primary cell, the west dyke of the secondary cell, and repair the eroded dykes of both the primary and secondary cells.

The proposed alteration is hereby approved in accordance with Section 14(2) of The Environment Act and subject to the following conditions:

- 1) Prior to repairing the eroded dykes;
  - a) Conduct a thorough assessment of the entire liner system after discharging and exposing the floor of each cell;
  - b) If liner damage is discovered, repair the damaged areas of the liner;
- 2) Repair all eroded dykes of both the primary and secondary cells by placing sand cover material (imported or recovered) and then placing rip rap, as proposed, to prevent future erosion;
- 3) Raise the north and east dykes of the primary cell and the west dyke of the secondary cell to match the average surveyed top of dyke elevation of 249.85 m to achieve the minimum 1.0 m freeboard as per Clause 11 of the Licence requirement;

- 4) Investigate and repair existing burrowing animal holes;
- 5) If the burrowing holes extend to the liner, expose the liner in the vicinity of the holes, investigate for potential liner damage, and repair the liner if damage has occurred;
- 6) Upon completion of all the above repair works, prepare and submit “as constructed drawings” of the lagoon as required in Clause 29 of the Licence, which has been long overdue. The repair works as approved herein shall be reflected in the as constructed drawings;
- 7) Submit supporting documentation for the two windmills and associated air pipes installed to aerate the secondary cell of the lagoon, which were noted during previous inspection as installed without notification.

Should you have any questions concerning this approval, please contact Bereket Assefa, Senior Environmental Engineer, at 204-330-4613 or at [Bereket.Assefa@gov.mb.ca](mailto:Bereket.Assefa@gov.mb.ca).

Sincerely,

Original Signed by

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Laura Pyles, A/Director  
The Environment Act

- c. Dana Bredin – WSP Canada Inc.  
Al Tomiuk, Rebecca Lauhn-Jensen – Parks and Protected Spaces Branch  
Rebecca Toews – Water Services Branch  
Tyler Kneeshaw, Yvonne Hawryliuk, Kristal Harman – Environmental Compliance and Enforcement  
Bereket Assefa, Eshetu Beshada – Environmental Approvals  
Public Registry