



Conservation and Water Stewardship

Environmental Stewardship Division
Environmental Approvals Branch
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File: 4766.10

February 10, 2016

Sue Sutherland
Chief Administrative Officer
Rural Municipality of Brokenhead
P.O. Box 490
Beausejour, MB R0E 0C0

Dear Ms. Sutherland:

**Re: Upgrading and Repair of Existing Dykes – Rural Municipality of Brokenhead
Wastewater Treatment Lagoon**

I am responding to the January 13, 2016 letter prepared by J. R. Cousin Consultants Ltd. relative to the proposed upgrading and repair of existing dykes at the Rural Municipality of Brokenhead wastewater treatment lagoon (lagoon). The letter is received as a Notice of Alteration. Environment Act Licence No. 2646 RRR applies to this lagoon,

The proposed alterations consist of repairing dyke erosion that has occurred primarily within the secondary cells of the existing lagoon and upgrading the existing primary and both secondary cells of the existing lagoon by installing rip rap. It is proposed that clay type soil for the dyke repairs will be obtained from excavations associated with the construction of new lagoon cells or a borrow area. Once re-construction of the eroded dyke slopes has been completed, rip rap is to be installed. The rip rap is to be placed so as to protect the areas of the dyke slopes between 0.6 m above and below the high water levels in the cells and will consist of specified materials placed on a secured non-woven geotextile underlay.

Upon review of the letter, we are satisfied that the environmental impacts of the proposed dyke repair and rip rap installation are insignificant. Therefore, pursuant to Section 14(2) of *The Environment Act*, I hereby approve the implementation of the proposed alterations as described in the January 13, 2016 letter as minor alterations.

As the nature of this repair and upgrading work is considered to be general lagoon maintenance, there is no associated fee.

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

Yours sincerely,

“original signed by”

Tracey Braun, M.Sc.
Director

- c. Brett McCormac, P.Eng., Environmental Engineer – J. R. Cousin Consultants Ltd.
Don Labossiere/Donna Smiley/Diane Oertel – Environmental Compliance and
Enforcement, Manitoba Conservation and Water Stewardship
Public Registries