



**Conservation and Water Stewardship**

Environmental Stewardship Division  
Environmental Approvals Branch  
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**File: 5703.00**

August 12, 2014

Mr. Harry Waldner  
Eagle Creek Colony Ltd.  
Box 340  
Somerset MB R0G 2L0

Dear Mr. Waldner:

**Re: Eagle Creek Colony Ltd. - Wastewater Treatment Lagoon – Alteration Notification  
Environment Act Licence No. 3110**

This is in response to an email of August 7, 2014 from Peter Grieger of South-Man Engineering concerning a proposed alteration to the above noted facility. The alteration involves the elimination of cover material on the dyke slopes of the secondary cell of the facility, and the elimination of cover material on the dyke slopes of the primary cell above the maximum wastewater level. Cover material would remain on the bottom of both cells, and riprap would be placed on the remaining dyke slope cover material in the primary cell.

As the environmental effects of the proposed alteration are insignificant, approval is hereby provided to implement the alteration pursuant to Section 14(2) of *The Environment Act*.

If you have any questions regarding this matter, please contact Bruce Webb at 204 945-7021 or [Bruce.Webb@gov.mb.ca](mailto:Bruce.Webb@gov.mb.ca).

Yours truly,

***“original signed by”***

Tracey Braun, M.Sc.  
Director

c: Peter Grieger, P. Eng. South-Man Engineering  
Don Labossiere/Donna Smiley, Environmental Compliance and Enforcement Branch  
Public Registries

**Webb, Bruce (CWS)**

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**From:** Peter Grieger [peter@southmaneng.com]  
**Sent:** August-07-14 9:47 PM  
**To:** Webb, Bruce (CWS)  
**Subject:** Eagle Creek Colony Wastewater Treatment Lagoon File 5703.00

Hi Bruce, *BW*

I have been advised that JKW Construction the awarded contractor for construction of the aforementioned project would like to begin construction starting on August 11, 2014 if acceptable to your department.

As indicated in previous correspondence the desire is modify the original design by eliminating the cover material covering the HDPE liner in highly vulnerable areas where exposed to constant erosive forces. The intention is to eliminate the ballast material on the interior slopes of the primary cell above the maximum waste water level and the entire interior slopes of the secondary cell. Ballast material would be installed on the bottom of both cells and the interior slopes of the primary cell extending from the bottom of the cell to the maximum waste water level. Rip rap will be installed over the cover material on the interior side slopes of the primary cell in order to preserve the ballast material over the long term.

In addition to the cost savings to be realized by eliminating this cover material it is felt that elimination of this material will minimize the potential for plant growth within the facility and therefore minimize the maintenance associated with removal of this growth. The life expectancy of the HDPE liner is not anticipated to be compromised by elimination of the cover material as the product is UV protected.

In order to facilitate sludge removal from the cells in the future, the cover material will be incorporated on the bottom of the cells as a means of protecting the HDPE liner during this process. A concrete access ramp was originally proposed in the primary cell and will be installed as intended. A similar concrete ramp will be installed in the secondary cell to provide unobstructed access to each cell during the sludge removal process.

Please feel free to contact me if you have any further question or concerns in this respect.

Thank you,  
Peter Grieger  
South-Man Engineering