



Sustainable Development

Environmental Stewardship Division
Environmental Approvals Branch
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CLIENT FILE NO.: 3967.00

August 22, 2016

D.J. Sigmundson, CAO
RM of St. Clements
Box 2, Group 35, RR#1
East Selkirk, MB R0E 0M0

Dear Mr. Sigmundson:

Re: Notice of Alteration – Environment Act Licence 2274 S2 RR – Leachate Ponds and Leachate Extraction from Waste Cells

Receipt of the letter from KGS dated July 8, 2016 letter is acknowledged as a notice of alteration to Licence 2274 S2 RR for the St. Clements, Libau Landfill. The requested change to the development as Licenced is the addition of two leachate collection ponds and associated infrastructure for evaporation and installation of a leachate extraction header into the existing waste cell. The potential environmental effect of the requested change to the Development as Licensed is insignificant and considered to be a minor alteration.

Upon review of your alteration request, I have concluded that the environmental effects of the proposed alteration will be insignificant, and, therefore, in accordance with Section 14(2) of *The Environment Act* you are hereby authorized to carry out the proposed alteration as described in the July 8, 2016 Notice of Alteration with the following conditions:

1. notification to the Environmental Engineer, Cory.Switzer@gov.mb.ca and Environment Officer, Kris.Innes@gov.mb.ca, in writing, 5 to 10 days prior to:
 - (i) commencing the modifications to the facility (including earthworks for the ponds, and the installation of the leachate extraction trench);
 - (ii) upon completion of the earthworks for the clay evaporation ponds to arrange for testing of the liner, prior to commissioning;
 - (iii) drilling or collecting soil samples for the testing of the 'large pond' south of Cell 1 to determine soil suitability as a leachate collection pond;
 - (iv) covering the glass filled leachate extraction trench and pipe; and
 - (v) installation of the monitoring wells;
2. all leachate ponds are lined with at least 1 metre of compacted clay that achieves hydraulic conductivity of 1×10^{-7} cm/second or less; and
3. submission to the Department of as constructed drawings, lab results of newly installed monitoring well samples, and testing results from the clay liner and 'large pond'.

Please be advised that this approval is contingent on the acceptance of a revised Environment Act Licence that will be issued in the near future. If you have any questions regarding this matter, please contact Ms. Cory Switzer, Environmental Engineer at 204-250-7645 or cory.switzer@gov.mb.ca

Yours sincerely,

“original signed by”

Tracey Braun, M.Sc.
Director
Environment Act

c: Don Labossiere, Donna Smiley, Environmental Compliance and Enforcement
Stan Lozecznik, KGS Group
Public Registries