



Conservation and Water Stewardship

Environmental Stewardship Division

Environmental Approvals Branch

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www.gov.mb.ca/conservation/eal

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July 3, 2014

Bruce A. Barrett, P.Eng.
President
Keeyask Hydropower Limited Partnership
360 Portage Avenue
PO Box 815, Stn. Main
Winnipeg, MB R3C 2P4

Dear Mr. Barrett:

Re: Keeyask Infrastructure Project – Request for Alteration Licence No. 2952 R

I am responding to your June 20, 2014 letter request for temporary alteration to the operation of the start-up camp wastewater collection and disposal system (system) associated with the Keeyask Infrastructure Project (KIP). Schedule A to Environment Act Licence No. 2952 R (the Licence) applies to this system. The letter is received as a Notice of Alteration (NoA).

The NoA identifies that KIP's main camp sewage treatment plant, associated with Schedule B to the Licence, will not be available to serve the main camp and requests that, for the period of July 1, 2014 to October 31, 2014, the limit on the organic loading rate on the system be increased to 38.2 kilograms of five-day biochemical oxygen demand over any 24-hour period. Clause 14 b) of the Schedule A to the Licence currently specifies a limit of 11.25 kilograms of five-day biochemical oxygen demand over any 24-hour period. The NoA indicates that the maximum daily flow rate to the system will not exceed the limit identified in Clause 14 a) of the Licence, 60 cubic metres over any 24-hour period.

Upon review of the NoA and supporting information, I have decided pursuant to Section 14(2) of *The Environment Act* to approve the request to temporarily increase the limit on the organic loading rate on the system to 38.2 kilograms of five-day biochemical oxygen demand over any 24-hour period in accordance with the Notice of Alteration dated June 20, 2014 and the following conditions:

1. The Licencee shall provide a sealed engineering drawing of any new temporary holding tanks to be installed for approval by the Environmental Approvals Branch prior to commencement of use of the temporary holding tanks and commencing use of the system for the proposed increased daily organic loads.
2. The Licencee shall not exceed the maximum hydraulic load on the system of 60 cubic metres over any 24-hour period.

3. The Licencee shall provide for a Class 2 or Class 1 Wastewater Treatment Operator to be on site at all times during operation of the system during increased load.
4. The Licencee shall daily inspect the septic field of the system for indications of breakout, failure, or leakage.
5. The Licencee shall, once per week, collect monitoring well samples and analyze the samples for chlorides, conductivity, nitrates and ammonia.
6. The Licencee shall, twice each week, inspect the inspection ports for water within the septic field of the system.
7. The Licencee shall monitor and record the daily hydraulic loads on the system from both the main camp and the start-up camp.
8. The Licencee shall submit to the Environmental Approvals Branch a weekly report summarizing items 4, 5, 6 and 7 of this approval.
9. The Licencee shall, if breakout or leakage from the field is observed, notify the Environmental Approvals Branch immediately and cease use of the field for wastewater generated at the main camp, with such wastewater being hauled off site for treatment at an alternate wastewater treatment facility or facilities licenced under *The Environment Act*.
10. This approval expires November 30, 2014.

If you have any questions or would like to discuss these items, please contact Robert Boswick, Environmental Engineer, at (204) 945-6030.

Yours truly,

“original signed by”

Tracey Braun, M.Sc.
Director
Environment Act

- c. Jodine MacDuff, Manitoba Hydro (jmacduff@hydro.mb.ca)
Don Labossiere, Director – Environmental Compliance and Enforcement
Tim Prawdzik, Provincial Manager – Environmental Compliance and Enforcement
Jeff Fountain, Environment Officer – Environmental Compliance and Enforcement
Public Registries