The State of New Hampshire
Department of Environmental Services

Michael P. Nolin
Commissioner

June 27, 2005
Letter of Deficiency
DSP#05-017

Mr. Thomas Ducharme
Evergreen Management, Inc.
360-1402 Route 101
Bedford, NH 03110-1402

RE: Century Village Dam #142.29, Londonderry

Dear Mr. Ducharme:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that play a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on October 13, 2004 During this visual inspection and/or file review, the following deficiencies were observed:

1. The major item of concern is the condition of the earth embankments. Based on comparisons of existing conditions to historical photographs and the design drawings, there has been substantial erosion of the earth embankments and upstream rip rap. The right (as looking downstream) embankment crest is eroded exposing the concrete core wall. In addition, there is no rip rap protection evident on the upstream slope. Please review the design drawings and return the embankments to the original design configuration;

2. There is brush growth on the left and right embankments. This must be removed to facilitate embankment repairs; and

3. There is no operations and maintenance plan (O&M) on file. A plan must be prepared and submitted. Guidelines for preparing and O&M are attached for your use.

DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

November 30, 2005:

1. Review the design drawings and return the embankments to the original design configuration;

2. Remove the brush growth on the left and right embankments; and

3. Submit an O&M plan.

DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. Please call or write to our office if the repairs are completed ahead of the aforementioned schedule so that DES may schedule a follow-up inspection. Unless notified otherwise, DES will conduct the follow-up inspection on or after the date(s) indicated above. If you believe changes

to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the bottom of the previous page.

Sincerely,

COPY

Jeffrey M. Blaney, P.E.
Dam Safety Engineer

Attachments Guideline for an O&M plan, DB8, DB13
cc: Gretchen R. Hamel, Legal Unit Administrator
Town of Londonderry
Certified # 7000 1670 0000 0588 6271
JMB/was/h:/safety/wendy/lod/142-29lod.doc