



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

February 4, 2015

Attn: WALDEN PLACE LIMITED PARTNERSHIP
5847 SHAKESPEARE RD COLUMBIA, SC 29223

RE: Re-inspection of WALDEN PLACE POND DAM, D-0572, Classification C1,
Richland County

The Walden Place Pond Dam on Spears Creak Church Rd in which you own is **overdue for a response to my 2014 inspection letters**-regarding continued compliance with the South Carolina Dams and Reservoirs Safety Act.

I have scheduled the inspection for **Tuesday February 10, 2015 at 11:00am**. *Please have a company representative meet me there so that we can discuss the dams erosion and maintenance issues on-site.* You may call or e-mail if you wish to alter the time or to discuss this important meeting.

Sincerely,

Steven Hauptmann, EIT
District Engineer
Region 3 EQC- Columbia
Office-803-896-0620
Cell- 803-920-0786 or 803-446-8330
hauptmse@dhec.sc.gov

Section III (Dam Inspection Checklist) continued

B. Upstream Slope

- i. Vegetation (grass, trees weeds)? Heavy Tree Cover
- ii. Animal activity observed? _____
- iii. Any obvious alterations or repairs made? _____
- iv. Erosion observed on upstream slope? Heavy Erosion near middle of Dam.
- v. Settlement or cracks visible in slope? _____

C. Down Stream Slope

- i. Vegetation (grass, trees weeds)? Heavy tree cover
- ii. Animal activity observed? _____
- iii. Any obvious alterations or repairs made? _____
- iv. Erosion observed on down stream slope? _____
- v. Settlement or cracks visible in slope? _____
- vi. Toe drains flowing? _____
- vii. Any seepage observed? If so, describe location, flow rate, and any turbidity or color within the flow: NO Seepage at time of inspection

D. Primary Spillway

- i. Any visible deterioration of structure? _____
- ii. Is there an obvious need to repair or replace trash rack? _____
- iii. Any noticeable problems with debris? _____
- iv. Is valve or gate present? _____

E. Outlet Pipe

- i. Any water visibly flowing or leaking outside of the discharge pipe? _____
- ii. Describe any deflection or damage observed to the pipe: _____
- iii. Visible condition of outlet channel: _____

F. Auxiliary (Emergency) Spillway

- i. Noticeable obstructions to flow? Vegetation / brush
- ii. Animal activity observed? _____
- iii. Any noticeable deterioration in the approach or discharge channel? _____
- iv. Any visible deterioration of structure's crest? _____

F. Auxiliary (Emergency) Spillway continued

v. If applicable, any observed exposure of rebar reinforcement? _____

vi. If applicable, any visible leakage below concrete spillway? _____

H. Downstream/Hazard Class Issues

i. Any noticeable changes immediately downstream of the dam that affects the hazard classification? _____

I. Emergency Action Plan (EAP)

i. Emergency Action Plan provided by owner? _____

ii. Does EAP contains emergency alert notification plan? If so, when was it last updated? _____

iii. Does EAP contain specific actions to take if the dam has failed or is near failure? _____

Section IV (Conclusions)

General comments and recommendations:

** Please Contact me regarding maintenance needed for this dam. 896-0620*

- Clear Vegetation from Aux/Emergency Spillway*
- Trees should be evaluated for removal by an Engineer*
- Erosion on crest is a concern... I am monitoring but it should be repaired.*

Preliminary Dam Inspection Disclaimer:

The information contained in the preliminary inspection report is intended as an aid to identify those dams that require maintenance and/or repair actions to reduce their danger to human life or property only. It is not intended as professional engineering or consulting advice for conditions or situations present at individual dams. It is not a substitute for a detailed inspection, nor does it replace the need for services provided by registered professional engineers. If your dam is experiencing an unusual situation consult with engineering professionals to find an appropriate remedy. Preliminary inspections conducted by South Carolina Department of Health and Environmental Control (the Department) are provided "AS IS" and "as available", without warranties of any kind, either express or implied. Preliminary inspections consist only of a visual but technical examination of the dam and its appurtenant works. All findings are based solely on visual observations of the inspector at the time of the inspection. Common law holds that the storage of water is a hazardous activity and the Department does not assume any responsibility or risk for your actions or inactions. Dam owners are responsible for the safe operations and maintenance of their impoundment structures.