

**Georgia Department of Natural Resources**

Environmental Protection Division

Safe Dams Program

4244 International Parkway, Suite 110

Atlanta, Georgia 30354

Noel Holcomb, Commissioner

Carol A. Couch, Ph.D., Director

(404) 362-2678

April 3, 2008

Mr. Troy Ledbetter  
Big Canoe Property Owners Association  
10586 Big Canoe  
Big Canoe, GA 30143



**FILE COPY**

Subject: Lake Petit Dam  
Pickens County

Dear Mr. Ledbetter:

On February 11, 2008, our staff performed the FY08 annual inspection of the subject dam. The following items were noted during the inspection:

1. The dam slopes had been cut.
2. There was significant erosion at the waterline. This appears to have worsened and should be addressed by an Engineer of Record (EOR).
3. Numerous areas on the downstream slope were bare. Additional grassing using a low-growing grass such as Bermuda or fescue should be performed this spring.
4. Several areas along the downstream abutments were eroded. These areas should be filled, compacted and grassed.
5. There were a number of areas where the concrete drainage ditches were deteriorated. These should be repaired.
6. All toe drains should be dug-out, pipes replaced as needed and cleaned-out periodically.

Please find attached a list of EOR. You need to retain an EOR to evaluate the significant upstream wave-action erosion. A report by the EOR shall be completed and submitted to our office by June 6, 2008.

A copy of the Subsequent Visual Inspection Report is enclosed for your records. If you have any questions, please contact this office at (404) 362-2678.

Sincerely,

Alan W. Murray, P.E.  
Principal Environmental Engineer  
Safe Dams Program

AWM:ks  
Enclosure

SUBSEQUENT VISUAL INSPECTION

Date of Inspection 2-11-08

Name of Dam Lake Petit County PICKENS

ID#: 112-009-00462 Weather Mild

Inspected by: A. Murray + C. Owen

Type of Inspection:  Annual  Construction  Other

Persons Contacted —

Toe Drains Right: Flowing, dig out g.p.m.

Toe Drains Left: Dripping g.p.m.

Additional Drains: Middle Flowing, damaged

Number of pictures taken: 6

- Remarks:
1. The dam slopes were cut.
  2. There was significant wave-action erosion.
  3. Bare areas on downstream slope.
  4. Erosion on downstream slope near abutments.
  5. Concrete drainage ditches broken.
  6. Toe drains blocked, damaged.