

Georgia Department of Natural Resources

Environmental Protection Division

Safe Dams Program
4244 International Parkway
Suite 110, Atlanta, GA 30354
Noel Hocomb, Commissioner
Carol A. Couch, Ph.D., Director
404/362-2678

March 2, 2005



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

SUBJECT: Lake Petit Dam
Pickens County

Dear Mr. Ledbetter:

On January 25, 2005 our staff performed the annual inspection of the subject dam. The following items were noted during the inspection:

1. The electric company dug a trench and buried a line through the top of the upper berm. The trench has been compacted and reseeded.
2. There is minor wave actions erosion on the upstream slope.
3. There is a hole near the large rock on the left side of the top abutment. This hole needs to be backfilled, compacted, and reseeded with a low growing grass such as Bermuda or fescue.
4. There are some erosion rills forming on the left abutment on the berm that is second from the top. These rills needs to be backfilled, compacted, and reseeded with a low growing grass such as Bermuda or fescue.
5. It is our understanding that you are reading the water level in the piezometers. We need a quarterly report on these readings.
6. There is love grass on the dam. The love grass needs to be removed from the dam. This can be completed in steps instead of all at once.
7. There is some erosion on the right above the second berm from the bottom. This erosion needs to be backfilled, compacted, and reseeded with a low growing grass such as Bermuda or fescue.
8. There is wetness at the lower concrete channel near the road on the left side of the dam. This wetness needs to be monitored for any changes.
9. The toe drain channel needs to be cleaned out. The three drains on the right have been damaged. The low-level drain outlet structure and the outlet/toe drain channel need to be cleaned out. The channels should be dug out so that positive drainage can occur.

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

Sincerely,

Christopher S. Owen
Environmental Engineer III
Safe Dams Program

Enclosure