

Georgia Department of Natural Resources

Environmental Protection Division

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

May 7, 2004

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 April 9, 2004, our staff performed the annual inspection of the subject dam and noted the following:

1. There was sediment in the culvert at the plunge pool that should be dug out. The toe drain outlets should be exposed to allow them to flow properly and to be measured.
2. There were bare and/or rocky areas at the following locations: the right upstream slope, the upper left upstream slope, the left end of the upstream slope, the right downstream abutment below the top 3 berms, and the left downstream abutment and slope below the 2nd berm from the top. The rocks should be removed from the applicable areas, and all of the areas should be grassed.
3. There were some cracks and depressed spots in the asphalt on the crest to the left of the center of the dam that should be monitored.
4. There were large areas of moss all the way down the left abutment and on the upper downstream slope above the top berm suggesting that these areas are usually damp/wet.
5. There were some rutted areas down the left abutment that should be repaired.
6. There were areas of lovegrass on the downstream slope just below the top berm and at other locations that should be removed and replaced with appropriate vegetation such as Bermuda, Tall Fescue, or Centipede grasses.
7. There was a depressed area on the right downstream slope above the top berm that should be monitored.
8. There was slope material and rocks in the concrete chute on the 4th berm from the top at the right abutment impacting the berm's drainage that should be removed. All of the chutes on the downstream slope should be cleaned out.
9. Several of the twin black corrugated plastic pipes outletting along the 5th berm from the top (berm above road level) needed cleaning out and/or cleaning around them.
10. There was a small animal hole on the left side of the plunge pool below the rock wall, below the road, that should be filled, compacted, and grassed.

A copy of the Subsequent Visual Inspection report is enclosed. If there are any questions, please contact this office at 404/362-2678.