



APPLICATION TO CONSTRUCT OR ALTER A DAM

PART A. OWNER & APPLICATION TYPE

Name of Owner of Subject Dam: Chattooga Lake Club - DHEC # D - 1637

Address: [redacted] [redacted] [redacted] [redacted]
(Street or P.O. Box) (City) (State) (Zip Code)

County of Dam's Location: Oconee Owner's Telephone No.: [redacted]

Tax Map Number of Property on Which Dam Will Be Built: 059-00-02-075

Application Is Submitted For a Permit to:

- Construct a new dam
- Remove existing dam
- Repair existing dam
- Enlarge existing dam

PART B. GENERAL INFORMATION

The following basic information is pertinent to the plans and specifications and should be assembled by or with the assistance of a qualified engineer.

1. Structural height of dam: 54.00 feet
(Measured from low point on original ground profile to top of dam)
2. Surface area of impoundment at normal pool level: 43.00 acres
3. Volume of water impounded at normal pool level: 929.00 acre feet
4. Watershed area: 0.00 acres
5. Give a brief description of the watershed characteristics (include ground cover, slope, shape & soils.):

This lake and dam is in the mountains above Walhalla. The ground cover is wooded and the slopes rang from 20 to 60 degrees.

6. Is there an existing water impoundment on the same stream? Yes No
If yes, distance: 1.10 miles, Upstream or Downstream (check appropriate box).

7. Name of stream: No name

8. Describe the downstream area of potential damage in case of failure of the dam. Include:
 - a. Number and type of buildings;
 - b. If homes are included, total number of people;
 - c. Number and description of public utilities and roads;
 - d. Distance downstream from proposed dam location to applicant's property line;

(description of downstream area of potential damage continued)

The only houses is down stream on the mountain and is about one half mile. The number of people is estimated at four. The only utilities would be electricity. The toe of the dam is the aproximate property line.

9. Stream flow is: Intermittent Permanent If permanent, estimated flow is 2.00 cfs.

10. Give a brief statement pertaining to probable future development of the area downstream from the dam that would be affected by its failure.

No future development expected except for scattered houses on the mountain.

11. Impoundment presently is or will be used for: Reccreational, fishing and sediment control.

12. Describe location of site or proposed site.

Nearest Community: Mountain Rest County: Oconee

Give distance and direction from nearest town, city, road intersection, or street intersection.

Starting at Mountain Rest Post Office drive one mile, NW, for about one mile Chattooga Lake road. Turn right. Road will take you to the dam.

13. Attach a U. S. Geological Survey map or aerial photograph showing the exact location of dam, location of roads, utilities, access to site, outline of reservoir, watershed and property lines. Property lines in relation to proposed dam may be shown on a sketch.

14. Was the above information obtained with the assistance of a registered professional engineer legally qualified in the state? Yes No If yes, give:

Name: Howard R. Leonard, P.E.

Address: 18 Pimlico Court, Greenville, SC 29607

Telephone: (864) 288-5312 SC Registration No.: 3383

I hereby certify that the information contained in this application is true and correct to the best of my knowledge. I fully understand that any willful misrepresentation of facts may cause denial or revocation of the subject permit, and further may result in criminal prosecution.

Owner's Name Printed: Michael T. Clarke
President, Chattooga Lake Club

Owner's Signature: [Signature] Date: (MM/DD/YYYY) 01/18/2016

Send completed application with map, plans, specifications, and design calculations to the South Carolina Department of Health and Environmental Control, Dams and Reservoirs Safety, at the address below:

DAMS AND RESERVOIRS SAFETY
SC DEPARTMENT OF HEALTH & ENVIRONMENTAL CONTROL
2600 BULL STREET
COLUMBIA, SOUTH CAROLINA 29201