

D 3414



## APPLICATION TO CONSTRUCT OR ALTER A DAM

### PART A. OWNER & APPLICATION TYPE

*Name of Owner of Subject Dam:* Lori Gaffney ( Old Childers Pond Dam - D 3414 )

*Address:* \_\_\_\_\_  
 (Street or P.O. Box) (City) (State) (Zip Code)

*County of Dam's Location:* Cherokee County *Owner's Telephone No.:* \_\_\_\_\_

*Tax Map Number of Property on Which Dam Will Be Built:* 10400000028001

*Application Is Submitted For a Permit to:*

- |   |   |
|---|---|
| <input type="checkbox"/> Construct a new dam            | <input type="checkbox"/> Remove existing dam  |
| <input checked="" type="checkbox"/> Repair existing dam | <input type="checkbox"/> 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:* 25.00 feet  
 (Measured from low point on original ground profile to top of dam)
2. *Surface area of impoundment at normal pool level:* 4.90 acres
3. *Volume of water impounded at normal pool level:* 49.00 acre feet
4. *Watershed area:* \_\_\_\_\_ acres
5. *Give a brief description of the watershed characteristics (include ground cover, slope, shape & soils.):*

The watershed or drainage basin is composed of trees and farm land. Trees cover about 75 percent of the area. Slopes are moderate.

6. *Is there an existing water impoundment on the same stream?* Yes  No   
 If yes, distance: \_\_\_\_\_ 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 down stream is mostly trees and natural growth. There is a road and a tall distribution electrical line. There are no homes or buildings near the creek. The property line below the dam is about 100 feet.

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.

I dont believe there will be any major developing below the dam. There is the possibility of a farm house or two.

11. Impoundment presently is or will be used for: Fishing, reccreation and sedimate control.

12. Describe location of site or proposed site.

Nearest Community: Gaffney County: Cherokee

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

Travel south on highway 18 in the direction of Union. After passing Corinth School take the third left onto Wilkie road. Mail box to property is at the curve in the road at number 147.

13. Attach a U. S. Geological Survey map or aerial photograph showing the exact location of dam, location of roads, utilites, 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: Lori P Gaffney

Owner's Signature: Lori P Gaffney Date: (MM/DD/YYYY) 2-18-16

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