



South Carolina Department of Health and Environmental Control

# APPLICATION TO CONSTRUCT OR ALTER A DAM

1272  
0505

## PART A. OWNER & APPLICATION TYPE

Name of Owner of Subject Dam: Gatewood Property Owners Association, Inc.

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

County of Dam's Location: Greenwood Owner's Telephone No.: [Redacted]

Tax Map Number of Property on Which Dam Will Be Built: 6835-389-237

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: 29.00 feet  
(Measured from low point on original ground profile to top of dam)
2. Surface area of impoundment at normal pool level: 28.30 acres
3. Volume of water impounded at normal pool level: 367.00 acre feet
4. Watershed area: 1,600.00 acres
5. Give a brief description of the watershed characteristics (include ground cover, slope, shape & soils.):

Areas of residential neighborhoods and some wooded areas.  
 Elevation difference of 130 feet over 10,000 feet.  
 The area is generally rectangular in shape.  
 Soil types vary greatly, mostly clay - all typical for this area.

6. Is there an existing water impoundment on the same stream? Yes  No   
 If yes, distance: 0.00 miles, Upstream  or Downstream  (check appropriate box).

7. Name of stream: Curltail Creek

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)

- a. There are around 25 houses downstream of the dam within an area of potential damage.
- b. There are about 65 residents downstream of the dam within an area of potential damage.
- c. Utilities located downstream of the dam and within an area of potential damage include: Duke Energy, Greenwood CPW, Greenwood Metro, Telephone and Television cable.
- d. 2188 ft

9. Stream flow is: Intermittent  Permanent  If permanent, estimated flow is 5.00 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.

None

11. Impoundment presently is or will be used for: recreation

12. Describe location of site or proposed site.

Nearest Community: Greenwood County: Greenwood

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

Greenwood is located 3.3 miles northeast of 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: Mark A. Amick

Address: 428 Grace Street, Greenwood, SC 29649

Telephone: (864) 229-6256 SC Registration No.: 11624

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: Gatewood POA by Stefan Hartung, President

Owner's Signature:  Date: (MM/DD/YYYY) 2-15-16

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**