



APPLICATION TO CONSTRUCT OR ALTER A DAM

PART A. OWNER & APPLICATION TYPE

Name of Owner of Subject Dam: Mr. Johnny Jones

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

County of Dam's Location: Barnwell *Owner's Telephone No.:*

Tax Map Number of Property on Which Dam Will Be Built: tree removal and siphon repair

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

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:* Salkshatchie River Tributary
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)

[Empty box for description of downstream area]

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

[Empty box for future development statement]

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

12. Describe location of site or proposed site.

Nearest Community: Blackville County: Barnwell

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

[Empty box for distance and direction information]

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: Tilden Hilderbrand

Address: 133 Greenville Street, SW, Aiken, SC 29801

Telephone: (803) 649-1316 SC Registration No.: 12288

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: TILDEN HILDERBRAND AGENT

Owner's Signature: [Signature] Date: (MM/DD/YYYY) 05/12/2016

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**