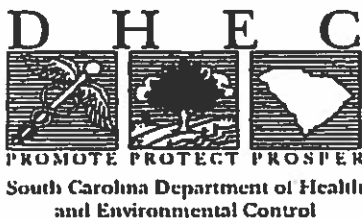




D1573



APPLICATION TO CONSTRUCT OR ALTER A DAM

PART A. OWNER & APPLICATION TYPE

Name of Owner of Subject Dam: Anderson County

Address: PO Box 8002 Anderson SC 29622
(Street or P.O. Box) (City) (State) (Zip Code)

County of Dam's Location: Anderson Owner's Telephone No.: (864) 716-3620

Tax Map Number of Property on Which Dam Will Be Built: 1780005019 (existing dam)

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: 33.00 feet
(Measured from low point on original ground profile to top of dam)
2. Surface area of impoundment at normal pool level: 302.00 acres
3. Volume of water impounded at normal pool level: 2,900.00 acre feet
4. Watershed area: 28,800.00 acres
5. Give a brief description of the watershed characteristics (include ground cover, slope, shape & soils.):

Soil classifications were obtained from the Soil Survey of Anderson County, South Carolina and found to be classified in Hydrologic Group B and predominately sandy loams in the Cecil, Madison, Hiwassee, and Pacolet associates. Calculated SCS Curve Numbers range from 58 to 70 for the area and were derived from the land use and soil classification data sets. (quoted from Oct 2005 Corps report)

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: Broadway 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)

Broadway Lake Dam is classified as a small dam by the South Carolina Department of Health and Environmental Control (DHEC) and the hazard classification is Significant (Class II), meaning that failure will not likely cause loss of life but may damage homes, industrial and commercial facilities, secondary highways or railroads or cause interruption of use or service of relatively important public utilities. (quoted from Oct 2005 Corps design report). There is a public road across the dam, four secondary bridge crossings, and one state road bridge crossing within 10 miles downstream of the dam (according to 1978 Corps inspection report).

9. Stream flow is: Intermittent Permanent If permanent, estimated flow is 45.00 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.

Significant development between the dam and the confluence with Rocky River is unlikely given the extent of regulated floodplain and/or wetland areas.

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

12. Describe location of site or proposed site.

Nearest Community: Anderson County: Anderson

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

About 6 miles southeast of Anderson, SC. Broadway Lake Road crosses the dam between intersections at High Shoals Road and at Shirley Drive.

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: Jason Patrick Johns
Address: 1671 Belle Isle Ave, Suite 125 Mount Pleasant SC 29464
Telephone: 864-315-3844 SC Registration No.: 22001

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: Rusty Burns

Owner's Signature: [Signature] Date: (mm/dd/yyyy) 06/15/2016

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**