



South Carolina Department of Health and Environmental Control

APPLICATION TO CONSTRUCT OR ALTER A DAM

PART A. OWNER & APPLICATION TYPE

Name of Owner of Subject Dam: CAMILLA EMANUEL WATSON

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

County of Dam's Location: KERSHAW Owner's Telephone No.: _____

Tax Map Number of Property on Which Dam Will Be Built: 293-00-00-013

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: 26.30 feet
 (Measured from low point on original ground profile to top of dam)
2. Surface area of impoundment at normal pool level: 2.40 acres
3. Volume of water impounded at normal pool level: 20.00 acre feet
4. Watershed area: 110.00 acres
5. Give a brief description of the watershed characteristics (include ground cover, slope, shape & voids)

Watershed is woods and grass. Mostly undeveloped sandhill soils.

6. Is there an existing water impoundment on the same stream? Yes [] No [x]
 If yes, distance: 0.10 miles. Upstream [] or Downstream [x] (check appropriate box)
7. Name of stream: DODGE BRANCH
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)

State Road S-28-210 runs across Dodge Branch just below the dam. There is also another pond on the stream on the other side of the roadway. The area is otherwise undeveloped.

9. Stream flow is: Intermittent Permanent If permanent, estimated flow is 100 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.

Areas below the pond that could be affected by dam failure are largely in wetland areas that should not be developed.

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

12. Describe location of site or proposed site.

Nearest Community: ELGIN, SC County: KERSHAW

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

The pond is 2.5 miles northeast of Elgin, SC. Just above HWY S-28-210

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: William C. Cooper - WCC Engineering, LLC

Address: 1711 C Woodcreek Farms Road, Elgin, SC 29045

Telephone: (803) 699-7728 SC Registration No: 9810

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: Camilla Watson

Owner's Signature: Camilla Watson

Date (MM/DD/YYYY): 4-12-16

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 HULL STREET
COLUMBIA, SOUTH CAROLINA 29201