

D3727



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: Rebecca (Becky) Morgan

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

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

Tax Map Number of Property on Which Dam Will Be Built: 0035-00-08-013.000

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: 2-5 feet
(Measured from low point on original ground profile to top of dam)
2. Surface area of impoundment at normal pool level: 30 acres
3. Volume of water impounded at normal pool level: approx. 62 acre feet
4. Watershed area: approx. 453 acres
5. Give a brief description of the watershed characteristics (include ground cover, slope, shape & soils.):

Ground cover is generally wooded and agricultural. Watershed has moderate slope with sandy to sandy clay containing organic matter content in the wooded areas. Watershed shape is square with impoundment area centralized within the southern portion of the watershed.

6. Is there an existing water impoundment on the same stream? Yes No
If yes, distance: 0.6 miles, Upstream or Downstream (check appropriate box).
7. Name of stream: Bolen Mill 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)

Mostly agricultural land and undeveloped wooded area. Approximately 3-4 homes having 3-4 residents, and 3-4 agricultural related structures. Norway Rd (#332) exists 3 miles downstream from the dam. The property line skirts approximately 300ft downstream.

9. Stream flow is: Intermittent Permanent If permanent, estimated flow is 2-10 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.

Due to the rural nature of the downstream area future development would be minimal.

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

12. Describe location of site or proposed site.

Nearest Community: Neeses County: Orangeburg

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

3.4 miles ENE to Neeses, SC

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 R. Christopher

Address: 1450 West Fifth Street N. Charleston SC 29405

Telephone: (843) 884-1234 SC Registration No.: 18304

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: Rebecca B. Morgan



Owner's Signature: Rebecca B. Morgan Date: (MM/DD/YYYY) 09/08/2015

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