



D 2414 "Yellow"

APPLICATION TO CONSTRUCT OR ALTER A DAM

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JAN 14 2016

BUREAU OF WATER

PART A. OWNER & APPLICATION TYPE

Name of Owner of Subject Dam: Lee County School District

Address: 310 Roland Street Bishopville SC 29010 (Street or P.O. Box) (City) (State) (Zip Code)

County of Dam's Location: Lee Owner's Telephone No.: (803) 484-5327

Tax Map Number of Property on Which Dam Will Be Built: 050-00-00-134-000

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: 18.00 feet
2. Surface area of impoundment at normal pool level: 75.00 acres
3. Volume of water impounded at normal pool level:
4. Watershed area:
5. Give a brief description of the watershed characteristics (include ground cover, slope, shape & soils.):

The watershed of Lake Ashwood relative flat and is largely farmland and hardwood swamp wetlands. The soil is sandy.

6. Is there an existing water impoundment on the same stream? Yes No
If yes, distance: 2.50 miles, Upstream or Downstream (check appropriate box).

7. Name of stream: McGirts 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)

In the case of a dam failure Lake Ashwood would drain into the Mechanicsville swamp. This is a large river bottom hardwood forest floodplain that would absorb most of the flow. Any residents in the Mechanicsville swamp would likely be flooded. Hwy 15 and 401 cross that swamp.

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.

It is unlikely that future development will take place in Mechanicsville swamp.

11. Impoundment presently is or will be used for: Public Fishing Lake

12. Describe location of site or proposed site.

Nearest Community: Ashwood County: Lee

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

10 miles from the nearest town of Bishopville, SC. The lake is located at the intersection of Hwy 15 and Lake Ashwood Road.

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: _____

Address: _____

Telephone: _____ SC Registration No.: _____

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: Lee County School District

Owner's Signature: [Signature] Date: (MM/DD/YYYY) 11/7/2016

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**