

D 4529



APPLICATION TO CONSTRUCT OR ALTER A DAM

PART A. OWNER & APPLICATION TYPE

Name of Owner of Subject Dam: William C. Thompson (D 4529)

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

County of Dam's Location: Laurens Owner's Telephone No.: [REDACTED]

Tax Map Number of Property on Which Dam Will Be Built: 322-00-00-036

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: 29.00 feet
(Measured from low point on original ground profile to top of dam)
2. Surface area of impoundment at normal pool level: 5.60 acres
3. Volume of water impounded at normal pool level: 65.20 acre feet
4. Watershed area: 0.00 acres
5. Give a brief description of the watershed characteristics (include ground cover, slope, shape & soils.):

The water shed or drainage basin is a moxture of woods, farm land. Soils are C1B, ApB, MhF, CeC2, GP and Pad2.

6. Is there an existing water impoundment on the same stream? Yes No
 If yes, distance: 0.02 miles, Upstream or Downstream (check appropriate box).
7. Name of stream: No name
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)

No residences or buildings. One paved road with 23 inch culvert. No people involved. There are utilities in the road and over the road. The road is a 1000 feet below the dam.

9. Stream flow is: Intermittent Permanent If permanent, estimated flow is 0.50 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 the area down stream will be developed other a few farm houses.

11. Impoundment presently is or will be used for: Swimming, fishing and irrigation

12. Describe location of site or proposed site.

Nearest Community: Gray Court County: Laurens

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

From Gray Court travel Southeast on highway 14 about 5 miles to Hrrman road and take a left. At the end of Herman take a right on Wilson drive. Immediately turn left on Lakeview drive. Thompson Nusery is at 2956 on the left.

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: Howard R. Leonard, P.E.

Address: 18 Pimlico Court

Telephone: (864) 288-5312 SC Registration No.: 3383

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: William Carroll Thompson

Owner's Signature: Wm. Carroll Thompson Date: (MM/DD/YYYY) 1-20-16

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 BULL STREET
COLUMBIA, SOUTH CAROLINA 29201**