



# APPLICATION TO CONSTRUCT OR ALTER A DAM

## PART A. OWNER & APPLICATION TYPE

Name of Owner of Subject Dam: Haigler Farms Partnership

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

County of Dam's Location: Calhoun Owner's Telephone No.: \_\_\_\_\_

Tax Map Number of Property on Which Dam Will Be Built: 195-00-00-038

Application Is Submitted For a Permit to:

- |                                                         |                                               |
|---------------------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Construct a new dam            | <input type="checkbox"/> Remove existing dam  |
| <input checked="" type="checkbox"/> Repair existing dam | <input type="checkbox"/> 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  
(Measured from low point on original ground profile to top of dam)
2. **Surface area of impoundment at normal pool level:** 8.50 acres
3. **Volume of water impounded at normal pool level:** 38.00 acre feet
4. **Watershed area:** 424.00 acres
5. **Give a brief description of the watershed characteristics (include ground cover, slope, shape & soils.):**

The watershed for Dorothy Rast Pond Dam is comprised mostly wooded and agricultural (row crops) The watershed is also gently sloped and contains SCS "A", "B", and "C" type soils.

6. **Is there an existing water impoundment on the same stream?** Yes  No   
 If yes, distance: 0.24 miles, Upstream  or Downstream  (check appropriate box).
7. **Name of stream:** Unnamed Stream
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)

Old Number Six Highway is located approximately 0.45 miles downstream of Dorothy Rast Pond Dam.

9. Stream flow is: Intermittent  Permanent  If permanent, estimated flow is 1.00 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.

There is no future development known for the areas downstream.

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

12. Describe location of site or proposed site.

Nearest Community: Ellore County: Calhoun

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

The dam is located approximately 4200' northwest of the intersection of Old Number Six Highway and Bets Drive Ellore.

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: Dan Creed, P.E.

Address: P.O. Box 923 Blythewood, SC 29016

Telephone: (803) 714-9632 SC Registration No.: 15843

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: Joe Haigler

Owner's Signature: Joe Haigler Date: (MM/DD/YYYY) 7-29-2016

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**