



# APPLICATION TO CONSTRUCT OR ALTER A DAM

## PART A. OWNER & APPLICATION TYPE

Name of Owner of Subject Dam: North Edisto Farms, Inc.

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

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

Tax Map Number of Property on Which Dam Will Be Built: 20006-02-06

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: 15.88 feet  
(Measured from low point on original ground profile to top of dam)
2. Surface area of impoundment at normal pool level: 15.00 acres
3. Volume of water impounded at normal pool level: 60.00 acre feet
4. Watershed area: 4,930.00 acres

5. Give a brief description of the watershed characteristics (include ground cover, slope, shape & soils.):  
 The watershed consists primarily of residential lots with some wooded and grassed areas. The watershed is mostly gently-sloped and contains mostly SCS "A" and "B" type soils.

6. Is there an existing water impoundment on the same stream? Yes  No   
 If yes, distance: 0.12 miles, Upstream  or Downstream  (check appropriate box).

7. Name of stream: Salem 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)

There is only woods located downstream of Culler Pond down to the confluence with the North Fork of the Edisto River approximately 3240 feet downstream.

9. Stream flow is: Intermittent  Permanent  If permanent, estimated flow is 2.00 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: recreation, irrigation

12. Describe location of site or proposed site.

Nearest Community: North County: Orangeburg

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

Dam is located off of Paradise Lane 1.3 miles southwest of Highway 178 near the Town of North

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: Jarrett Burckhalter for North Edisto Farms, Inc.

Owner's Signature: Janette Burckhalter Date: (MM/DD/YYYY) 5/25/16

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