



## APPLICATION TO CONSTRUCT OR ALTER A DAM

### PART A. OWNER & APPLICATION TYPE

Name of Owner of Subject Dam: JOPE Inc.

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

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

Tax Map Number of Property on Which Dam Will Be Built: 0449000200500, 600, and 700

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:** 12.60 feet  
(Measured from low point on original ground profile to top of dam)
2. **Surface area of impoundment at normal pool level:** 7.91 acres
3. **Volume of water impounded at normal pool level:** 23.00 acre feet
4. **Watershed area:** 405.83 acres
5. **Give a brief description of the watershed characteristics (include ground cover, slope, shape & soils):**

The watershed is 405.83 acres located at the base of Paris Mountain in Greenville County. The watershed is 60% developed with lots ranging from 0.5 to 10+ acres lots. The remaining watershed is undisturbed wood, grassed and roadways. The land slope varies from 30% in the upper reaches to 2% in the lower reaches of the watershed. The soil type is primary Cecil. Please see attached watershed map and hydraulic calculations for additional information.

6. **Is there an existing water impoundment on the same stream?** Yes  No   
 If yes, distance: 0.65 miles, Upstream  or Downstream  (check appropriate box).
7. **Name of stream:** Langston Creek Tributary
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)

The area downstream of the dam is located within the FEMA Floodplain of Langston Creek. See FEMA Map 45045C0318E. The runoff from Bruce Lake combines with another Langston Creek Tributary prior to flowing beneath Poinsett Highway in a culvert. Once on the opposite side of Poinsett Highway there are several properties located in the designated flood plain as it is outlined on the FEMA Flood Maps. These properties are outlined in the EAP for this project.

9. Stream flow is: Intermittent  Permanent  If permanent, estimated flow is 7.50 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.

Additional downstream development is unlikely. This area is located in the floodplain of Langston Creek.

11. Impoundment presently is or will be used for: Recreation and Fishing

12. Describe location of site or proposed site.

Nearest Community: City of Travelers Rest County: Greenville

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

The dam is located 100 ft upstream of Poinsett Highway

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: James C. Ammons

Address: 10 Williams Street, Greenville, SC 29601

Telephone: (864) 235-3589 SC Registration No.: 20197

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: John Evans

Owner's Signature:  Date: (MM/DD/YYYY) 05/15/2015

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**