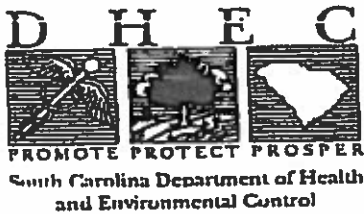


D 1639



## APPLICATION TO CONSTRUCT OR ALTER A DAM

### PART A. OWNER & APPLICATION TYPE

Name of Owner of Subject Dam: Thom Moley (Lake Leroy Dam) \_\_\_\_\_

Address: \_\_\_\_\_  
(Street or P.O. Box) (City) (State) (Zip Code)

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

Tax Map Number of Property on Which Dam Will Be Built: 070-00-02-021

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: 55.00 feet  
(Measured from low point on original ground profile to top of dam)
2. Surface area of impoundment at normal pool level: 70.30 acres
3. Volume of water impounded at normal pool level: 1,566.00 acre feet
4. Watershed area: \_\_\_\_\_ acres
5. Give a brief description of the watershed characteristics (include ground cover, slope, shape & soils.):

The watershed or drainage basin is in the mountains above Walhalla with scattered homes with some farming. Slopes are steep on the mountain but become the creeks and valleys are moderate and rocky.

6. Is there an existing water impoundment on the same stream? Yes  No   
If yes, distance: 1.10 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)

There are no houses or buildings close to the dam. There is a paved road and culvert about a mile downstream. Property line is about the toe of the dam.

9. Stream flow is: Intermittent  Permanent  If permanent, estimated flow is 1.50 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.

Development downstream is unlikely other than scattered homes on the mountain.

11. Impoundment presently is or will be used for: Boating, fishing, fire protection and sediment control.

12. Describe location of site or proposed site.

Nearest Community: Mountain Rest County: Oconee

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

Starting at the Mountain Rest Post Office the lake is just across the street. The dam can be reached by taking Copper Mine 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: Howard R. Leonard, P.E.

Address: 18 Pimlico Court, Greenville, SC 29607

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: Thomas V Moxley

Owner's Signature: Thomas V Moxley

Date (MM/DD/YYYY): 1/25/2016

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