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South Carolina Department of Health and Environmental Control

APPLICATION TO CONSTRUCT OR ALTER A DAM

PART A. OWNER & APPLICATION TYPE

Name of Owner of Subject Dam: Chinquapin Community Corporation

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

County of Dam's Location: Greenwood *Owner's Telephone No.:* _____

Tax Map Number of Property on Which Dam Will Be Built: 6835-169-296

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:* 25.80 feet
   (Measured from low point on original ground profile to top of dam)
2. *Surface area of impoundment at normal pool level:* 22.00 acres
3. *Volume of water impounded at normal pool level:* 440.00 acre feet
4. *Watershed area:* 1,442.00 acres
5. *Give a brief description of the watershed characteristics* (include ground cover, slope, shape & soils.):

   This basin is primarily composed of residential land use with some commercial land use interlwined. The basin has an approximate length to width ratio of 2.5:1, an average watercourse slope of 1%, and the predominate soil type being Sandy Loam.

6. *Is there an existing water impoundment on the same stream?* Yes ☐ No ☑

   If yes, distance: _____ miles, Upstream ☐ or Downstream. ☐ (check appropriate box).

7. *Name of stream:* Un-Named Tributary to Big Curtail 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)

A. - 4 Homes, 1Garage, 2 Barn/Outbuilding(s).
B. - (unknown number of occupants)
C. - Greenwood Metropolitan Sanitary Sewer Pumpstation,Woodlawn Road Crossing of Big Curtail Creek
D. - 235'

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.*

Possible infill development

11. *Impoundment presently is or will be used for:* Recreation, asthetics, and stormwater management

12. *Describe location of site or proposed site.*

Nearest Community: Chinquapin Community County: Greenwood

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

4.3 Miles from Greenwood, SC

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: Michael V. Horton

Address: 3229 West Montague Avenue

Telephone: (843) 554-8602 SC Registration No.: 19075

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 Howard

Owner's Signature: John Howard *Date:(MM/DD/YY)* 12/02/2015

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