



Preliminary Inspection Report for South Carolina Regulated Dams and Impoundment Structures Regulations R.72-1 through R.72-9

Section I (Owner's Information)

A. Dam Number: D 0580 & Hazard Class C2 B. Name of Dam: Pine Wood Lake Dam
C. Inspection Date (9/11/2015) & Time: ~11:00am D. Date of Last Inspection: (/ /)
E. Location-County/City: Richland F. EQC Regional Office: Region 3 -Columbia
G. Inspector's Name: Steven Hauptmann
H. Owner's Name: Richland County
I. Contact Person (if different from above):
J. Dam Owner's or Contact Person's Phone Numbers: Home () Office () Other ()
K. Dam Owner's or Contact Person's mailing address:
Address 1 2020 Hampton ST
Address 2 (optional)
City Columbia State SC Zip Code 29204

Section II (Dam Condition)

General Condition Assessment (Select one of the following):

- a) Satisfactory [checked] b) Fair [] c) Poor [] d) Unsatisfactory [] e) Not Rated []

Section III (Dam Inspection Checklist)

A. Dam Crest

- i. Vegetation (grass, trees weeds)? Left side (Looking downstream) needs grass cover to stabilize soil
ii. Animal activity observed?
iii. Any obvious alteration or repairs made?
iv. Erosion noticed on crest?
v. Any visible settlement, misalignment or cracks?

Section III (Dam Inspection Checklist) continued

B. Upstream Slope

- i. Vegetation (grass, trees weeds)? EXPOSED TOP SOIL trees
- ii. Animal activity observed? _____
- iii. Any obvious alterations or repairs made? _____
- iv. Erosion observed on upstream slope? Yes - erosion from stormwater flow
- v. Settlement or cracks visible in slope? edges sliding off

C. Down Stream Slope

- i. Vegetation (grass, trees weeds)? Heavy trees / brush
- ii. Animal activity observed? Yes - small holes should be checked and filled
- iii. Any obvious alterations or repairs made? _____
- iv. Erosion observed on down stream slope? _____
- v. Settlement or cracks visible in slope? _____
- vi. Toe drains flowing? _____
- vii. Any seepage observed? If so, describe location, flow rate, and any turbidity or color within the flow: _____

D. Primary Spillway

- i. Any visible deterioration of structure? Weather PITS Some ~~gaps~~ + cracking
- ii. Is there an obvious need to repair or replace trash rack? _____
- iii. Any noticeable problems with debris? _____
- iv. Is valve or gate present? _____

E. Outlet Pipe

- i. Any water visibly flowing or leaking outside of the discharge pipe? _____
- ii. Describe any deflection or damage observed to the pipe: _____
- iii. Visible condition of outlet channel: _____

F. Auxiliary (Emergency) Spillway

- i. Noticeable obstructions to flow? bench
- ii. Animal activity observed? _____
- iii. Any noticeable deterioration in the approach or discharge channel? _____
- iv. Any visible deterioration of structure's crest? _____

F. Auxiliary (Emergency) Spillway continued

v. If applicable, any observed exposure of rebar reinforcement? _____

vi. If applicable, any visible leakage below concrete spillway? _____

H. Downstream/Hazard Class Issues

i. Any noticeable changes immediately downstream of the dam that affects the hazard classification? NO

I. Emergency Action Plan (EAP)

i. Emergency Action Plan provided by owner? NO

ii. Does EAP contains emergency alert notification plan? If so, when was it last updated? Need New EAP

iii. Does EAP contain specific actions to take if the dam has failed or is near failure? _____

Section IV (Conclusions)

General comments and recommendations:

- grass cover should be established to prevent erosion of slopes in Rainstorm.
- trees on upstream & downstream slopes should be evaluated by an engineer for removal
- emergency overflow should remain clear

Preliminary Dam Inspection Disclaimer:

The information contained in the preliminary inspection report is intended as an aid to identify those dams that require maintenance and/or repair actions to reduce their danger to human life or property only. It is not intended as professional engineering or consulting advice for conditions or situations present at individual dams. It is not a substitute for a detailed inspection, nor does it replace the need for services provided by registered professional engineers. If your dam is experiencing an unusual situation consult with engineering professionals to find an appropriate remedy. Preliminary inspections conducted by South Carolina Department of Health and Environmental Control (the Department) are provided "AS IS" and "as available", without warranties of any kind, either express or implied. Preliminary inspections consist only of a visual but technical examination of the dam and its appurtenant works. All findings are based solely on visual observations of the inspector at the time of the inspection. Common law holds that the storage of water is a hazardous activity and the Department does not assume any responsibility or risk for your actions or inactions. Dam owners are responsible for the safe operations and maintenance of their impoundment structures.