



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 6572 & Hazard Class cl B. Name of Dam: Walden Place dam
C. Inspection Date (10/15/2014) & Time: _____ 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: Walden Place Partnership
I. Contact Person (if different from above): Allen Schumaker
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 5847 Shakespeare Rd.
Address 2 (optional) _____
City Columbia State SC Zip Code 29223

Section II (Dam Condition)

General Condition Assessment (Select one of the following):

a) Satisfactory ☐ b) Fair ☐ c) Poor ☒ d) Unsatisfactory ☐ e) Not Rated ☐

Section III (Dam Inspection Checklist)

A. Dam Crest

- i. Vegetation (grass, trees weeds)? grass & pine straw cover
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)? Heavy tree cover, Erosion near middle of Dam near Outlet structure
- ii. Animal activity observed? _____
- iii. Any obvious alterations or repairs made? _____
- iv. Erosion observed on upstream slope? erosion should be repaired
- v. Settlement or cracks visible in slope? _____

C. Down Stream Slope

- i. Vegetation (grass, trees weeds)? Heavy Pine straw cover, many trees
- ii. Animal activity observed? _____
- 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: Seepage from left side clear, flowing toward outlet structure

D. Primary Spillway

- i. Any visible deterioration of structure? _____
- 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? Some flow
- ii. Describe any deflection or damage observed to the pipe: _____
- iii. Visible condition of outlet channel: Rusted pipe

F. Auxiliary (Emergency) Spillway

- i. Noticeable obstructions to flow? Vegetation in flow area
- 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? _____

I. Emergency Action Plan (EAP)

i. Emergency Action Plan provided by owner? _____

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

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

Section IV (Conclusions)

General comments and recommendations:

- Lake level should be ~~be lowered~~ Lowered
- Erosion, seepage and trees should be evaluated by an Engineer for corrective action.
- Emergency overflow area should be cleared.
- Please send New owner information.
- Permit may be required for tree removal & erosion repair & seepage repair.

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.