



**Section III (Dam Inspection Checklist) continued**

**B. Upstream Slope**

- i. Vegetation (grass, trees weeds)? Large trees and brushes
- ii. Animal activity observed? None noted.
- iii. Any obvious alterations or repairs made? None noted.
- iv. Erosion observed on upstream slope? Yes. slope is too steep which causes the wave-action to be much stronger.
- v. Settlement or cracks visible in slope? None noted.

**C. Down Stream Slope**

- i. Vegetation (grass, trees weeds)? A lot of small and large trees.
- ii. Animal activity observed? Unable to observe due to vegetation
- iii. Any obvious alterations or repairs made? Unable to observe due to vegetation
- iv. Erosion observed on down stream slope? Unable to observe due to vegetation
- v. Settlement or cracks visible in slope? Unable to observe due to vegetation
- vi. Toe drains flowing? N/A
- vii. Any seepage observed? If so, describe location, flow rate, and any turbidity or color within the flow: Unable to observe due to vegetation

**D. Primary Spillway**

- i. Any visible deterioration of structure? No
- ii. Is there an obvious need to repair or replace trash rack? No
- iii. Any noticeable problems with debris? No
- iv. Is valve or gate present? No.

**E. Outlet Pipe**

- i. Any water visibly flowing or leaking outside of the discharge pipe? Yes, but the pipe is already half-full.  
The water is not actively flowing.
- ii. Describe any deflection or damage observed to the pipe: None noted
- iii. Visible condition of outlet channel: Okay

**F. Auxiliary (Emergency) Spillway**

- i. Noticeable obstructions to flow? Yes, woody debris and vegetation.
- ii. Animal activity observed? None noted
- iii. Any noticeable deterioration in the approach or discharge channel? None noted
- iv. Any visible deterioration of structure's crest? None noted

**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, the current owner's information must be updated

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:**

There are small and large trees which must be evaluated (large trees) by a professional engineer.

The heavy vegetation on the downstream slope of the dam make an inspector unable to perform a thorough inspection.

Erosion and sloughing were seem on the upstream slope of the dam. Please add the appropriate materials to prevent further soil erosion and sloughing.

Update Emergency Action Plan form and send a copy to this office or to DHEC Dam Safety Program in Columbia.

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**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.