



C. Earl Hunter, Commissioner

*Promoting and protecting the health of the public and the environment*

February 8, 2012

W. L. Clyburn  
Route 1, Box 60  
Bethune, SC 29009

**RE: W. L. Clyburn Dam  
Dam No. D-2412  
Lee County**

Dear Mr. Clyburn:

On January 23, 2012 Harry Gaymon from the South Carolina Department of Health and Environmental Control (DHEC) conducted a routine inspection of W. L. Clyburn Dam (D-2412). The inspection was conducted under the guidance of the South Carolina Dams and Reservoirs Safety Act, Section 49-11-170 (C) to determine the present condition of the dam and note any changes that may have occurred since the last inspection. A copy of the field inspection form is attached.

The dam appeared to be in good condition.

We suggest that a routine maintenance program for the dam be established. This should include removing brush and small trees, repairing any areas of erosion (i.e. settling, cracks, slumps, cave-in, seepage, etc.), maintaining a good cover of grass on the slopes, and keeping the spillway system free from obstructions and in good operating condition. Please include periodic inspections of the dam and inform this office of any significant changes or problems that may affect the safety of the dam.

Any alteration or major repairs of the dam require a permit from this agency and must be made under the direction of a qualified engineer.

Provisions in the South Carolina Dams and Reservoirs Safety Act require the owner to notify the Department within 30 days after transferring title or control of the dam (see attached DHEC Form 2605).

Please note that as of July 25, 1997, it is the responsibility of the dam owner to notify any downstream property owners in the event of a failure or near-failure of the dam. Please insure that the information on the Emergency Notification Plan is kept current. This should include updating the names and telephone numbers of the agencies listed on the Plan so that they can provide assistance if an emergency occurs. Please return an updated copy of the Emergency Notification Plan by March 8, 2012 (see attached DHEC Form 2606).

**SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL**

**Region 4**

Serving Chesterfield, Clarendon, Darlington, Dillon, Florence, Kershaw, Lee, Marion, Marlboro and Sumter Counties  
Sumter EQC Office • PO Box 1628 • 105 N. Magnolia Street • Sumter, SC 29151 • Phone: (803) 778-6548 • [www.scdhec.gov](http://www.scdhec.gov)

Please call if you have any further questions.

Sincerely,

A handwritten signature in black ink that reads "Harry Gaymon". The signature is written in a cursive style with a large, stylized 'H' and a long, sweeping tail on the 'y'.

Harry Gaymon  
Facility Evaluator

cc: Bureau of Water, Dams and Reservoir Safety Program



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 3412 & Hazard Class II B. Name of Dam: W. L. Clyburn Dam  
C. Inspection Date (1/24/2012) & Time: 0900 D. Date of Last Inspection: (10/15/2008)  
E. Location-County/City: Lee / Bishopville F. EQC Regional Office: Region II, Sumter  
G. Inspector's Name: Harry Gayman  
H. Owner's Name: William L. Clyburn  
I. Contact Person (if different from above): \_\_\_\_\_  
J. Dam Owner's or Contact Person's Phone Numbers: Home (803) 428-3221  
Office (\_\_\_\_) \_\_\_\_\_  
Other (\_\_\_\_) \_\_\_\_\_  
K. Dam Owner's or Contact Person's mailing address:  
Address 1 Route 1, Box 60  
Address 2 (optional) \_\_\_\_\_  
City Bethune State SC Zip Code 29009

**Section II (Dam Condition)**

General Condition Assessment (Select one of the following):

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

**Section III (Dam Inspection Checklist)**

**A. Dam Crest**

- i. Vegetation (grass, trees weeds)? paved highway + grass along sides  
ii. Animal activity observed? none  
iii. Any obvious alteration or repairs made? none  
iv. Erosion noticed on crest? none  
v. Any visible settlement, misalignment or cracks? none

### Section III (Dam Inspection Checklist) continued

#### B. Upstream Slope

- i. Vegetation (grass, trees weeds)? grass, weeds, a few small brusher
- ii. Animal activity observed? none
- iii. Any obvious alterations or repairs made? none
- iv. Erosion observed on upstream slope? none
- v. Settlement or cracks visible in slope? none

#### C. Down Stream Slope

- i. Vegetation (grass, trees weeds)? grass, weeds, Trees > 6" Dia
- ii. Animal activity observed? none
- iii. Any obvious alterations or repairs made? none
- iv. Erosion observed on down stream slope? none
- v. Settlement or cracks visible in slope? none
- vi. Toe drains flowing? none
- vii. Any seepage observed? If so, describe location, flow rate, and any turbidity or color within the flow: none

#### D. Primary Spillway

- i. Any visible deterioration of structure? none
- ii. Is there an obvious need to repair or replace trash rack? none
- iii. Any noticeable problems with debris? none
- iv. Is valve or gate present? yes

#### E. Outlet Pipe

- i. Any water visibly flowing or leaking outside of the discharge pipe? none
- ii. Describe any deflection or damage observed to the pipe: none
- iii. Visible condition of outlet channel: good

#### F. Auxiliary (Emergency) Spillway

- i. Noticeable obstructions to flow? no auxillary spillway, water level low
- ii. Animal activity observed? none
- iii. Any noticeable deterioration in the approach or discharge channel? none
- iv. Any visible deterioration of structure's crest? none

**F. Auxiliary (Emergency) Spillway continued**

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

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

**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? Yes

ii. Does EAP contains emergency alert notification plan? If so, when was it last updated? Aug 24, 1998

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

**Section IV (Conclusions)**

**General comments and recommendations:**

Dam and appurtenant works in good shape.  
Owner plans to reinstate auxiliary spillway  
in future. Auxiliary spillway eliminated when  
highway over dam was paved by SCDOT.

**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.