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Bureau of Water
Dams and Reservoirs Safety

January 13, 2009

Mr. Eleanya Ogburu
733 Kintlock Ct
Columbia, South Carolina 29223

RE: Ownership for Dam D-0567, Richland County

Dear Sir:

We have been notified that you are the new co-owner of dam D-0567 in Richland County. The other owner of the dam is the Beaver Dam Lake Homeowners Association. The Department of Health and Environmental Control (DHEC) regulates this dam under the provisions of the South Carolina Dams and Reservoirs Safety Act.

This dam is currently classified as a significant hazard structure, which basically means that, should the dam fail, it would not be expected to cause loss of life but would probably cause significant property damage. Under the provisions of the Dam Safety Act, you, as owner, could be held responsible for any damage caused by your dam's failure. A copy of the act is enclosed for your reference.

As a significant hazard dam, this structure is currently inspected by DHEC at 3-year intervals. The file's last inspection report is dated November 10, 2005 and; a copy of that inspection report is enclosed. Any deficiencies noted in that letter, which were not repaired, and any deficiencies, which have recently developed, are now your responsibility. An inspection by the Region 3 District Office should be performed in the very near future, and you will be notified prior to this inspection.

RECEIVED

JAN 15 2009

REGION 3
EQC - COLUMBIA

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JAN 12 2008
EQC - COLUMBIA
REGION 3

Under the provisions of the South Carolina Dams and Reservoirs Safety Act, the owner of a significant hazard dam is required to prepare an Emergency Notification and Surveillance Plan. The purpose of this plan is to assist the owner in notifying the correct agencies and in taking the proper actions if his dam is in danger of failing. This dam has a small residential pond downstream, Silver Lake, and a road, Polo Lane, just downstream of the dam, which could be damaged, should your dam fail. The property owners adjacent to Silver Lake should be notified should your dam be in danger of failing. Also, in the event that your dam fails and the downstream roadway is in imminent danger of overtopping, the roadway should be barricaded to prevent travel. The SC Highway Patrol and SC DOT Richland County Maintenance Engineer can assist you to ensure that this is performed. We recommend that you update the enclosed Plan and keep it in a convenient, safe and secure place for use should your dam experience problems. Other property owners (such as those with property adjacent to Silver Lake, for example), who may also be adversely affected by your dam's failure, should be included for notification and it is your responsibility to do so.


In addition, the trees on the downstream slope of the dam should be removed. Trees and their detrimental, penetrating roots invade and disrupt the soil structure of the dam, which resists the hydraulic forces from the upstream, impounded water. Tree roots have been known to compromise outlet pipe joints, which can lead to slope failure and eventual dam failure. Trees also provide habitat for animals, like beavers or muskrats, which burrow into dams, causing damages. Trees also serve to hide problems developing in dams, delaying action until the dam is in danger of failing or repair costs are very expensive.

Presently, a permit for repairing the dam has been issued to the Beaver Dam Lake Home Owners Association for repairing the riser for the principle spillway outlet.

You are required to notify this office within 30 days if ownership of the dam changes. A form is enclosed for this purpose.

If you have any questions or comments, I may be reached at (803) 898-4027.

Sincerely,


Steven M. Bradley, P.E.
Dam Safety

ENCLOSURES

Cc: Mr. Steve Hauptmann, EQC Reg 3
Dr. Bill Babcock, Beaver Dam Lake HOA

INSPECTION REPORT

Dam No. & Name: D 0567 BEAVER DAM RD Date 11/17/05
LAKE DAM

Representatives of SCDHEC Present: STEVE BRADLEY, SONYA
Johnson, Addie Walker & Keith Collinsworth

Representatives of Owner Present: Bill Chambers, Bill
McDougal

Others Present: - NONE -

List of noted deficiencies or items requiring correction/checking:

- TRASH RACK IS DEFICIENT & NEEDS
REPLACING
- PRINCIPLE Spillway Riser is Corrugated
Steel Pipe w/Low Level (Leaking) drain. Please
monitor this pipe & OUTLET FOR SEEPAGE

List of previously noted items still uncorrected and dates previously noted:

Small ^{26" diam} TREES & Brush should be removed FROM
DAM & GRASS COVER ESTABLISHED.
5/2000 4/1997

Emergency Action Plan Updated?

Yes

No ☒

SENT WITH INSPECTION REPORT
LETTER

11/18/05

Steven M. Bradley
Signature of Person Completing Form

S. C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

DAMS AND RESERVOIRS SAFETY PROGRAM
SURVEILLANCE PLAN AND EMERGENCY NOTIFICATION PLAN

NAME AND DAM NUMBER _____ COUNTY: Richland
D-0567, Beaver Dam Road Lake Dam

As ☐ Owner ☒ Manager ☐ Operator (Please check one)
of the above reference dam, the person(s) named below are responsible for safe maintenance and operation
of the above dam and reservoir and are responsible for implementing the following Surveillance Plan and
the following Emergency Notification Plan:

SURVEILLANCE PLAN

Visual inspections will be performed frequently to detect any major changes which may endanger the dam
such as settlement, erosion, cracking and earth movement. Evidence of seepage on the downstream slope,
at the toe and downstream from the toe, will be monitored to detect any increase in flow or movement
of soil particles. The Dams and Reservoirs Safety District Engineer,
Kendrick R. Chiles (Phone (803) 896-0620) will be notified if any of the above symptoms are found.

EMERGENCY NOTIFICATION PLAN

In the event a major flood or hurricane is forecast, the dam will be monitored, and if the dam appears to
be in danger from overtopping or if failure appears imminent because of other problems, the following state
and local officials will be notified and the dam will be kept under constant surveillance until the proper
authorities arrive to protect the general public.

1. South Carolina Highway Patrol: 343-0734
2. Local Highway Maintenance Engineer: 786-0128
3. Local Police Department, Emergency Preparedness personnel, and other county or town
officials. Sheriff's Office: 691-9000
4. S.C. Department of Health and Environmental Control, Columbia, S.C.
Tel.: (803)253-6488

Additionally, the dam owner or his representative will notify the following downstream property owners.
(This space is provided for the dam owner or his representative to complete, as this is his responsibility
under the S.C. Dams and Reservoirs Safety Act Regulations.)

Person(s) responsible for implementing Surveillance Plan and Emergency Notification Plan:

Name Date Telephone

DHEC 2606(07/97)

NOTIFICATION OF OWNERSHIP CHANGE
S.C. REGULATED DAM

____/____/____ Date

The ownership of Dam D 0567, Beaver Dam Road Dam in
(Name of Dam)
Richland County has changed. The new owner(s) are:

Owner 1* _____

Address _____

City, State, Zip _____

Telephone Number _____

Owner 2*
(if applicable) _____

Address _____

City, State, Zip _____

Telephone Number _____

Additional Owner*
(if applicable) _____

Address _____

City, State, Zip _____

Telephone Number _____

*If owner is a corporation, give name of principal contact person:

(Previous Owner's Signature)

Previous Owner's Name

Previous Owners Address

Mail Above Notification To:

S.C. Department of Health and Environmental Control
Dams and Reservoirs Safety
2600 Bull Street
Columbia, SC 29201

NOTE: Failure to notify the S.C. Department of Health and Environmental Control within 30 days of ownership transfer can result in a fine of \$100 - \$1000.

