

MEMORANDUM

To: File

From: Kendrick R. Chiles

Subject: Ribstone Lake Dam, D-0572, Richland County

Date: June 28, 2001

The above reservoir is drained.



CENTRAL MIDLANDS EQC DISTRICT

PO Box 156, Building #5
State Park, SC 29147
(803) 896-0620 Fax (803) 896-0617

July 13, 2004

Christian Life Assembly
Attn: Tommy Reeves
2700 Bush River Rd.
Columbia, SC 29210

RE: Reinspection of Dam D-3291, Christian Life Assembly Dam, Lexington County

Dear Mr. Reeves:

This office performed a routine inspection of the Christian Life Assembly Dam on Wednesday, June 30, 2004. A permit to permanently remove this dam was issued on February 9, 2001. During the course of the inspection it was determined that the removal is complete. The dam will be removed from our system at this time. If you have any questions or need assistance in the future, please contact us at (803) 896-0620.

Sincerely,

Natalie Loquist

District Engineer Associate
Central Midlands EQC District Office



C. Earl Hunter, Commissioner

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

September 2 2011

Vera Cockrell
Attn: Owner Arcadia Lakes Dam
937 Arcadia Lakes Dr.
Columbia, SC 29206

RE: Inspection of Arcadia Lakes Dam D-0557, Richland County

Dear Sir or Madam::

This office performed an inspection of the Arcadia Lakes Dam on August 31st 2011. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again next year. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to call me at (803) 896-0620 or e-mail me at hauptmse@dhec.sc.gov

Sincerely,

Steve Hauptmann, EIT
Region 3 EQC- Columbia

Enclosures

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Region 3

Serving Chester, Fairfield, Lancaster, Lexington, Newberry, Richland and York Counties

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INSPECTION REPORT

Date: August 31, 2011

Dam: D-0557, Arcadia Lakes Dam, Richland County

Location: Arcadia Lakes Drive

Representatives of SCDHEC Present: Steven Hauptmann

Representatives of Owner Present: none

Others Present: None

List of noted deficiencies or items requiring correction/checking:

*The dam is not readily accessible for inspections because of locked fence. Notification of where a key is located should be provided to our office.

*The downslope is overgrown with trees, vegetation, stumps, weeds, leaves etc. All vegetation (brush, weeds, ect.) and small trees (less than 6 inches in diameter) should be cut and removed from the downstream slope of the dam to facilitate a more thorough inspection of the dam condition for possible sinkholes, depressions, seepage etc.

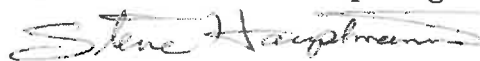
*Keep outflow area and downstream clear of all debris, downed trees and vegetation so that flow will not be hindered during a high flow event.

* Stumps found on the dam need to be removed and holes packed with clay.

* There is a crack and a depression on the roadway (see pictures). It does not appear that fines are being deposited at the outfall at this time, however an engineer and SCDOT should evaluate this for possible compaction problems or possible faults inside the outfall pipe.

Emergency Action Plan Updated Yes _____ No X

Signature of Person Completing Form



December 11, 2012

Forest Land Company
Attn: Edwin Cooper, Jr.
5217 N. Trenholm Rd.
Columbia, SC 29206

RE: Reinspection of Dam D-4434, Forest Lake Dam , Richland County

Dear Mr. Cooper:

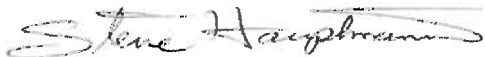
This office performed a routine inspection of the Forest Lake Dam on December 11, 2012. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again in two years. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to contact us at (803) 896-0620.

Sincerely,



Steven Hauptmann
District Engineer Associate
Central Midlands EQC District Office

Enclosures

INSPECTION REPORT

Date December 11, 2012

Dam D-4434, Forest Lake Dam, Richland County

Representatives of SCDHEC Present:

Steven Hauptmann

Representatives of Owner Present:

Others Present:

List of noted deficiencies or items requiring correction/checking:

- Fallen trees in the spillway area should be removed
- Emergency overflow area should be cleared
- Trees near abutment should be evaluated for removal. These root systems will destroy the concrete.
- Cracks in the concrete should be evaluated by an engineer for repair.
- All vegetation (brush, weeds, etc.) and small trees (less than 6 inches in diameter) should be cut and removed from dam.

Note: Dam should remain clear of vegetation year round.

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

*None

Emergency Action Plan Updated

Yes _____ No _____



Signature of Person Completing Form



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 0457 & Hazard Class cl B. Name of Dam: Entrance Lake
C. Inspection Date (12/20/2014) & Time: D. Date of Last Inspection:
E. Location-County/City: Richland F. EQC Regional Office:
G. Inspector's Name:
H. Owner's Name: Spring Valley HOA
I. Contact Person (if different from above):
J. Dam Owner's or Contact Person's Phone Numbers: Home () 788-0562 Office () Other ()
K. Dam Owner's or Contact Person's mailing address: Address 1 PO Box 311 Address 2 (optional) City COLA State SC Zip Code 29202

Section II (Dam Condition)

General Condition Assessment (Select one of the following): a) Satisfactory [] b) Fair [x] c) Poor [] d) Unsatisfactory [] e) Not Rated []

Section III (Dam Inspection Checklist)

A. Dam Crest i. Vegetation (grass, trees weeds)? trees / 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)? tree's PSC
- ii. Animal activity observed? _____
- iii. Any obvious alterations or repairs made? _____
- iv. Erosion observed on upstream slope? _____
- v. Settlement or cracks visible in slope? _____

C. Down Stream Slope

- i. Vegetation (grass, trees weeds)? tree's PSC
- 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: _____

D. Primary Spillway

- i. Any visible deterioration of structure? NOT WORKING
- ii. Is there an obvious need to repair or replace trash rack? By Pass Valve closed only used in Emergency overflow
- 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? NOT WORKING
- 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? _____
- 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:

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.



C. Earl Hunter, Commissioner

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

June 22, 2007

Quail Valley Lake Association
Attn: Mr. John Beede
1606 Quail Valley East
Columbia, SC 29212

RE: Inspection of Dam D-1277, Lake Quail Valley Dam, Lexington County

Dear Mr. Beede:

This office performed inspections of the Lake Quail Valley Dam on May 8, 2007 and again on June 21, 2007. A homeowner called us with concerns of the flow capabilities of the dam as well as any repairs that may be needed and as well, the dam was due its routine exam this year. Enclosed you will find an inspection report which summarizes my comments and concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again next year. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to contact us at (803) 896-0620.

Sincerely,

Steve Hauptmann, EIT
District Engineer
Region 3 EQC-Columbia

Enclosures

cc: Mr. Jeffrey Radenbaugh, President Lake Valley HOA
Steve Bradley, P.E., SC DHEC

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INSPECTION REPORT

Date June 22, 2007

Dam D-1277, Lake Quail Valley Dam, Lexington County

Representatives of SCDHEC Present:

Steve Hauptmann, EIT-District
Engineer,
Sonya Johnson-Program
Manager

Representatives of Owner Present:

None

Others Present:

None

List of noted deficiencies or items requiring correction/checking:

1. All vegetation (brush, weeds, etc.) and small trees (less than 6 inches in diameter) should be cut and removed from the dam.
2. All trees within 20 feet of the centerline of the outlet pipe and within 20 feet of either side of the emergency spillway should be removed. Those that are over 6 inches in diameter should be removed ONLY after a SC Certified Engineer develops removal/fill plan. This plan should be sent to our office for review and approval before it's implementation.
3. All trees and debris should be cleared in the downstream flow areas so that water flow is not restricted during times of high volume flow. There were trees (both live and down) that do not pose a problem during normal flow conditions but would inhibit flow during times of high rain and will cause the lake level to rise.
4. The emergency spillway should be cleared of all debris and vegetation.
5. The downstream slope is almost completely obstructed with vegetation and trees and therefore could not be carefully walked and examined thoroughly. This should be cleared immediately so that a complete inspection of this slope can be performed.
6. Major ant infestation was observed and the area should be sprayed if clearing the area does not help the problem.
7. The spillway inlet should be cleaned on debris (limbs, trash, etc.).
8. There were some dead trees piled up at the right side of the outlet structure, however they do not appear to be a source of flow obstruction. Actually they appear to be an effective measure of bank erosion control at that point. I recommend that these trees be banded together to keep them from sliding downstream during heavy flow conditions or that they be removed and another form of bank erosion control be substituted (concrete wall, large rocks etc).
9. Seepage was observed exiting from underneath on the left and right sides of the outlet structure. The flow was clear at that time and did not appear to be carrying fines. However, I suggest having an Engineer experienced in Dam design work perform an evaluation. Meanwhile, this seepage will be documented and we will monitor its progression on an annual basis.
10. The corrugated steel outlet pipe was noted as being corroded and in need of repair during an inspection in July of 2006. This repair has yet to be completed and should be done before further damage occurs. A copy of that inspection report is attached.

Note: Dam should remain clear of vegetation year round.

John Beede

05/23/02

(h) 732-3042

Name

Date

Telephone

DHEC 2606(07/97)

**NOTIFICATION OF OWNERSHIP CHANGE
S.C. REGULATED DAM**

Date _____

The ownership of Dam D _____, _____ in
(Name of Dam)
_____ 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.

DHEC 2605(6/94)

INSPECTION REPORT

Date December 22, 2010

Dam D-1180, Batesburg Reservoir Dam, Lexington County

Representatives of SCDHEC Present:
Scott Simons

Representatives of Owner Present:
Jimmy Boatwright and Carl Alewin.

Others Present:
None.

Items requiring correction/checking:

1. The dam appears to be very well maintained with only a few large trees noted. Several of these were dead and/or diseased. These trees and any others that die or become unhealthy should be removed.
2. All trees should be removed from around the discharge pipe from the point of discharge back to the dam.

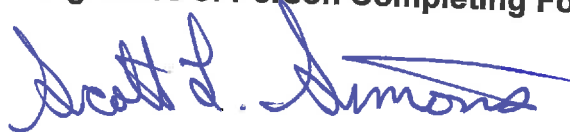
List of previously noted items still uncorrected and dates previously noted:
None.

General Recommendations:

1. Weeds, brush and all trees less than six (6) inches in diameter should be cut/removed from around the outlet structure, emergency spillway, crest, downstream and upstream slope on a regular basis (recommended minimum annually).
2. Any tree larger than 6 inches in diameter that is cut/removed should also have their stump removed. The excavation shall be backfilled with appropriate soil, compacted and stabilized.

Emergency Action Plan Updated Yes

Signature of Person Completing Form





CENTRAL MIDLANDS EQC DISTRICT

PO Box 156, Building #5
State Park, SC 29147
(803) 896-0620 Fax (803) 896-0617

June 28, 2002

The Windemere Club
Attn: Mr. John Bachaus
PO Box 23658
Columbia, SC 29224

RE: Reinspection of Dam D-0549, Lake Windemere Dam, Richland County

Dear Mr. Bachaus:

This office performed a routine inspection of the Lake Windemere Dam on Tuesday, May 14, 2002. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again next year. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to contact us at (803) 896-0620.

Sincerely,

Kendrick R. Chiles
District Engineer Associate
Central Midlands EQC District Office

Enclosures

cc: Anthony James, DHEC Bureau of Water Facilities Compliance

INSPECTION REPORT

Date Tuesday, May 14, 2002

Dam D-0549, Lake Windemere Dam, Richland County

Representatives of SCDHEC Present:

Kendrick R. Chiles

Representatives of Owner Present:

Others Present:

None

List of noted deficiencies or items requiring correction/checking:

*All vegetation (brush, weeds, ect.) and small trees (less than 6 inches in diameter) should be cut and removed from dam.

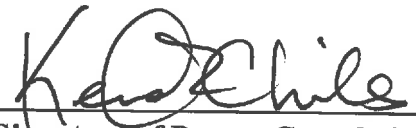
Note: Dam should remain clear of vegetation year round.

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

*The above were previously noted in May 98', Jan 99', May 00, and May 01'.

Emergency Action Plan Updated

Yes _____ No _____


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 _____
Lake Windemere Dam, D-0549

COUNTY: Richland

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 (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 (Richland County) or 359-4103 (Lexington County)
3. Local Police Department, Emergency Preparedness personnel, and other county or town officials. Sheriff's Office:
691-9000 (Richland County) or 359-8230 (Lexington County)
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:

John Bachaus		754-2071
<u>Norman Stevenson</u>	<u>05/05/02</u>	<u>337-8117 (M) 600-3483</u>
Name	Date	Telephone

DHEC 2606(07/97)

**NOTIFICATION OF OWNERSHIP CHANGE
S.C. REGULATED DAM**

The ownership of Dam D _____, _____ in _____ Date _____
(Name of Dam)
_____ 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.

Section III (Dam Inspection Checklist) continued

B. Upstream Slope

- i. Vegetation (grass, trees weeds)? trees
- ii. Animal activity observed? _____
- iii. Any obvious alterations or repairs made? _____
- iv. Erosion observed on upstream slope? Erosion from wave action
- v. Settlement or cracks visible in slope? _____

C. Down Stream Slope

- i. Vegetation (grass, trees weeds)? trees, weeds (in process of removal?)
- ii. Animal activity observed? _____
- iii. Any obvious alterations or repairs made? _____
- iv. Erosion observed on down stream slope? Erosion from rain
- 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? _____
- 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: NOT PROPERLY SUPPORTED
- iii. Visible condition of outlet channel: valve installed + closed - NO flow at time of inspection

F. Auxiliary (Emergency) Spillway

- i. Noticeable obstructions to flow? debris - pine straw buildup
- 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:

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.



C. Earl Hunter, Commissioner

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

December 22, 2005

Attn: Bill Chambers
300 Long Point Lanes Suit 200
Columbia, SC 29229

RE: Reinspection of Lake Carolina Dam D-4521, Richland County

Dear Mr. Chambers:

This office performed a routine inspection of the Lake Carolina Dam on Thursday December 8, 2005. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again next year. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to call me at (803) 896-0620 or e-mail me at mooneydl@dhec.sc.gov.

Sincerely,

Dwight L. Mooney Jr.
District Engineer Associate
Region 3, Columbia EQC Office

Enclosures

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Region 3

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C. Earl Hunter, Commissioner

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

INSPECTION REPORT

Date Thursday December 8, 2005

Dam D-4521, Lake Carolina Dam, Richland County

Location: Along Carolina Drive

Representatives of SCDHEC Present: Dwight Mooney and Sonya Johnson

Representatives of Owner Present: Bill Chambers

Others Present: None

Spillway: Large concrete spillway

List of noted deficiencies or items requiring correction/checking:

All vegetation (brush, weeds, ect.) and small trees (less than 6 inches in diameter) should be cut and removed from the downstream slope of the dam. Overall, the dam is in great shape. Need to try and keep trespassers out of the area. Need clear out toe drain area of outlet works.

Note: Dam should remain clear of vegetation year round.

Emergency Action Plan Updated Yes No


Signature of Person Completing Form

DHEC 2604 (6/94)

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Region 3

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S. C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

DAMS AND RESERVOIRS SAFETY PROGRAM
SURVEILLANCE PLAN AND EMERGENCY NOTIFICATION PLAN

Lake Carolina Dam, Dam Number D-4521

COUNTY: Richland

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, Dwight Mooney (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: 896-7920
2. Local Highway Maintenance Engineer: 786-0128 (Richland County) or 359-4103 (Lexington County)
3. Local Police Department, Emergency Preparedness personnel, and other county or town officials. Sheriff's Office: 691-9000 (Richland County) or 359-8230 (Lexington County)
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:

<u>Bill Chambers</u>	<u>12/08/05</u>	<u>(W) 461-0911 (C) 414-2774</u>
Name	Date	Telephone

DHEC 2606(07/97)



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

Date: December 6, 2012

Attn: Spring Valley Homeowners Association
Attn: Carl Voges
P.O. Box 25246
Columbia, SC 29224

RE: Reinspection of Clark Lake Dam D-0563, Classification C1, Richland County

Dear Mr. Voges:

The Clark Lake Dam was inspected on December 4th, 2012 under the provisions of South Carolina Dams and Reservoirs Safety Act.

During this inspection, I noticed roots, trees and heavy pine straw cover on the crest of the dam. I also noticed trees and shrubbery on the upstream slope. On the downstream slope, lots of trees, brush weeds, fallen trees, heavy pine straw cover, and erosion trenches (see photo's). The heavy pine straw cover made it difficult to see any other possible problems. I would recommend retaining an engineer to evaluate the erosion trenching on the downstream slope, and since trees and their root systems are very damaging to the integrity of a dam, I recommend that you have an engineer evaluate them for removal as well. The trees/shrubs and any other obstructions in the emergency overflow paths should be removed. A copy of the inspection report is enclosed.

Also, please complete the enclosed Emergency Notification and Action Plan and return one copy with original signatures to the address provided on the instruction sheet.

Sincerely,

Steven Hauptmann, EIT
District Engineer
Region 3 EQC- Columbia
hauptmse@dhec.sc.gov



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 0563 & Hazard Class C1 B. Name of Dam: Clark Lake Dam
C. Inspection Date (12/04/2012) & Time: 2:13 pm D. Date of Last Inspection: (12/23/2010)
E. Location-County/City: Richland / Columbia F. EQC Regional Office: Region 3-Columbia
G. Inspector's Name: Steven Hauptmann
H. Owner's Name: Spring Valley Homeowners Association
I. Contact Person (if different from above): Carl Vegas
J. Dam Owner's or Contact Person's Phone Numbers: Home (803) 788-2410
Office () _____
Other () _____
K. Dam Owner's or Contact Person's mailing address:
Address 1 P.O. Box 25246
Address 2 (optional) _____
City Columbia State SC Zip Code 29224

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)? ROOTS, Heavy pine straw, trees, ROOTS
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)? Trees, Shrubby
- ii. Animal activity observed? yes
- iii. Any obvious alterations or repairs made? _____
- iv. Erosion observed on upstream slope? _____
- v. Settlement or cracks visible in slope? _____

C. Down Stream Slope

- i. Vegetation (grass, trees weeds)? Trees, Brush, Weeds, Fallen trees
- ii. Animal activity observed? yes
- 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? _____
- ii. Is there an obvious need to repair or replace trash rack? NO trash rack visible
- 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: Very Rusted,
- iii. Visible condition of outlet channel: _____

F. Auxillary (Emergency) Spillway

- i. Noticeable obstructions to flow? Pine straw/debris in flow pipe, Boat parked in spillway, other side - primary aux spillway - bushes blocking flow + sewer manhole in path of flow
- ii. Animal activity observed? _____
- iii. Any noticeable deterioration in the approach or discharge channel? _____
- iv. Any visible deterioration of structure's crest? _____

F. Auxillary (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:

All trees should be evaluated for removal
Shrubs/bushes should be evaluated for removal
Emergency Spillway should be cleared of trees/shrubs
Such that zero blockage to the flow area exists.
Outlet pipe should be evaluated for possible root
penetration and possible rust through.

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.

December 27, 2007

Spring Lake HOA
Attn: Richard Hult
6318 Westshore Rd.
Columbia, SC 29206

RE: Reinspection of Dam D-0025, Spring Lake Dam, Richland County

Dear Mr. Hult:

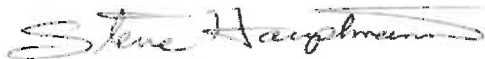
This office performed a routine inspection of the Spring Lake Dam on December 27, 2007. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again next year. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to contact us at (803) 896-0620.

Sincerely,



Steven Hauptmann, EIT
District Engineer Associate
Central Midlands EQC District Office

Enclosures

INSPECTION REPORT

Date December 27, 2007

Dam D-0025, Spring Lake Dam, Richland County

Representatives of SCDHEC Present:

Steven Hauptmann

Representatives of Owner Present:

Others Present:

List of noted deficiencies or items requiring correction/checking:

- *All vegetation (brush, weeds, ect.) and small trees (less than 6 inches in diameter) should be cut and removed from dam.
- *Areas on the dam where there is no grass cover should be seeded to prevent erosion.
- Keep an eye on damp areas on downstream slope. Unsure of cause at this time

Note: Dam should remain clear of vegetation year round.

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

*2003

Emergency Action Plan Updated

Yes _____ No

Signature of Person Completing Form



INSPECTION REPORT

Date December 7, 2010

Dam D-0982, Swansea Lake Dam, Lexington County

Representatives of SCDHEC Present:

Scott Simons

Representatives of Owner Present:

None.

Others Present:

None.

Items requiring correction/checking:

1. Weeds, brush and all trees less than six (6) inches in diameter should be cut/removed from around the outlet structure and from the downstream slope.
2. Water level in the pond had been lowered. The exposed drain structure appears to have some deterioration. Structure should be regularly monitored until an evaluation can be completed and appropriate repairs made.

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

None.

General Recommendations:

1. Weeds, brush and all trees less than six (6) inches in diameter should be cut/removed from around the outlet structure, crest, downstream and upstream slope on a regular basis (recommended minimum annually).
2. Any tree larger than 6 inches in diameter that is removed should also have their stump removed. The excavation shall be backfilled with appropriate soil, compacted and stabilized.

Emergency Action Plan Updated No

Signature of Person Completing Form

Scott L. Simons

DAM SAFETY INSPECTION FORM

Inspector Scott L. Simons

Date 12-7-10 Time 8:50 Dam# D 0982 Class 1

Name of Dam Swansea Lake Dam Owner _____

Crest:

Erosion yes () no Description:

Visibility good fair () poor ()

Description of vegetation:
SCDOT paved Rd over top

Other:

Upstream slope:

Erosion yes () no Description:

Visibility good () fair poor ()

Description of vegetation:
weeds & grass adjacent to roadway

Other:

Downstream slope:

Erosion yes () no Description:

Visibility good () fair () poor

Description of vegetation:
brush, weeds - need to be cut
small trees

Other:

Emergency Spillway: N/A has large overspill, spillway with SCDOT bridge over.

Erosion yes () no () Description:

Obstructions (logs, vegetation, etc.) yes () no ()

Other:

Principal Spillway & Outlet Channel/Basin (Deterioration, blockage, trash rack, etc.)

Principal spillway appears to be in good condition several small trees immediately adjacent to wing walls that need removing.
Additional Comments:
Pond level was down. separate drain structure appears to be functioning, exposed block structure with some deterioration outlet of drain - unable to thoroughly inspect due to brush need to clear around



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 0569 & Hazard Class C1 B. Name of Dam: Sesqui Dam

C. Inspection Date (12/10/2012) & Time: D. Date of Last Inspection: (/ /)

E. Location-County/City: Richland, Cole F. EQC Regional Office: Region 3-Columbia

G. Inspector's Name: Steven Hauptmann

H. Owner's Name: Sesqui State Park

I. Contact Person (if different from above):

J. Dam Owner's or Contact Person's Phone Numbers: Home (803) 788-2706

Office () - - - - -

Other () - - - - -

K. Dam Owner's or Contact Person's mailing address:

Address 1 9564 Two Notch Rd.

Address 2 (optional)

City Cole State Zip Code 29223

3803

Section II (Dam Condition)

General Condition Assessment (Select one of the following):

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

Section III (Dam Inspection Checklist)

A. Dam Crest

i. Vegetation (grass, trees weeds)?

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)? _____
- ii. Animal activity observed? _____
- iii. Any obvious alterations or repairs made? _____
- iv. Erosion observed on upstream slope? _____
- v. Settlement or cracks visible in slope? _____

C. Down Stream Slope

- i. Vegetation (grass, trees weeds)? _____
- 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: _____

D. Primary Spillway

- i. Any visible deterioration of structure? Some unknown leaking - should be
ins evaluated for potential seepage + possible damage
- ii. Is there an obvious need to repair or replace trash rack? _____
- iii. Any noticeable problems with debris? debris blocking/restricting outflow
- iv. Is valve or gate present? yes

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. Auxillary (Emergency) Spillway

- i. Noticeable obstructions to flow? Good flow
- 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:

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.



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 4085 & Hazard Class C1
B. Name of Dam: Harbison Structure 9 Dam
C. Inspection Date (2/6/2014) & Time:
D. Date of Last Inspection: (2/17/2013)
E. Location-County/City: Lexington Co.
F. EQC Regional Office: Region 3 - Columbia
G. Inspector's Name: Steven Hauptmann
H. Owner's Name: Harbison Community Association
I. Contact Person (if different from above): Scott Lynch - Maintenance Supervisor
J. Dam Owner's or Contact Person's Phone Numbers: Home, Office, Other
K. Dam Owner's or Contact Person's mailing address: Address 1 106 Hillpine Rd, City Columbia, State SC, Zip Code 29212

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)? Paved - Archers Lane
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)? ROCKS (RID ROAD), GRASS, SIDEWALK, DIRT/WASHED OUT AREAS (NO GRASS)
- ii. Animal activity observed? _____
- iii. Any obvious alterations or repairs made? NO
- iv. Erosion observed on upstream slope? IN DIRT AREAS - NEED GRASS COVER ESTABLISHED + POSSIBLY FILL IN SOME AREAS.
- v. Settlement or cracks visible in slope? _____

C. Down Stream Slope

- i. Vegetation (grass, trees weeds)? GRASS NEAR ROAD, LOTS OF TREES, TOO MUCH BRIARS / WEEDS / BRUSH TO SEE ENTIRE SLOPE.
- 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: _____

D. Primary Spillway

- i. Any visible deterioration of structure? _____
- ii. Is there an obvious need to repair or replace trash rack? Good Condition
- iii. Any noticeable problems with debris? Clean
- iv. Is valve or gate present? _____

E. Outlet Pipe

- i. Any water visibly flowing or leaking outside of the discharge pipe? NO
- ii. Describe any deflection or damage observed to the pipe: _____
- iii. Visible condition of outlet channel: Normal Appearance

F. Auxiliary (Emergency) Spillway

- i. Noticeable obstructions to flow? _____
- 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 CHANGES

I. Emergency Action Plan (EAP)

i. Emergency Action Plan provided by owner? Need updated plan

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:

- UPSTREAM SLOPE

* Washout areas + areas w/o good grass cover
Need grass established to stop soil erosion.

- DOWNSTREAM SLOPE

* Tree removal plan should be considered important
maintenance item. Evaluation for tree removal
should be done by an Engineer and submitted
to DHEC w/ application to determine if permit
is required prior to removal.

- * Bush / briars etc are impeding thorough inspection
and should be removed. Grass cover should be established.

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Steven Hays



C. Earl Hunter, Commissioner

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

November 21, 2007

Appletree Realty Group
Attn: Charles E. Smith
652 Appletree Realty Group
Lexington, SC 29073

RE: Reinspection of Upper Quail Hollow Dam D-2261, Lexington Name County

Dear Mr. Smith:


This office performed a routine inspection of the Upper Quail Hollow Dam on Wednesday November 21, 2007. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again next year. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to call or e-mail (803) 896-0620, hauptmse@dhec.sc.gov.

Sincerely,


Steve Hauptmann, EIT
District Engineer Associate
Region 3, Columbia EQC Office

Enclosures

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL
Region 3

Serving Chester, Fairfield, Lancaster, Lexington, Newberry, Richland and York Counties
Columbia EQC Office • PO Box 156 • State Park, SC 29147 • Phone: (803) 896-0620 • Fax: (803) 896-0617 • www.scdhec.gov

INSPECTION REPORT

Date: Wednesday November 21, 2007

Dam: D-2261, Upper Quail Hollow Dam, Richland County

Location: Quail Hollow subdivision near Lexington Medical Center off of Pine Lake Drive

Representatives of SCDHEC Present: Steve Hauptmann

Representatives of Owner Present: None

Others Present: None

List of noted deficiencies or items requiring correction/checking:

All vegetation (brush, weeds, ect.) and small trees (less than 6 inches in diameter) should be cut and removed from the downstream slope of the dam and pack holes with clay. Vegetation needs to be removed around outlet works area on toe side of dam near small concrete pad and riprap needs to be added to help prevent erosion. Small discharge stream needs to remain clear of vegetation. Road runoff ditch on toe side of dam needs to have riprap to help prevent erosion of toe side of dam.

Emergency Action Plan Updated Yes _____ No X


Signature of Person Completing Form



C. Earl Hunter, Commissioner

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

December 11, 2007

Spring Valley Homeowners Association
Attn: Carl Voges
P.O. Box 25246
Columbia, SC 29224

RE: Reinspection of Pine Springs Lake Dam #2/Spring Valley Dam D-0561, Richland County

Dear Mr. Voges:

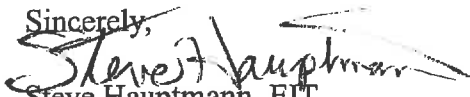
This office performed a routine inspection of the Springs Lake Dam #2/Spring Valley Lake Dam on December 10, 2007. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again next year. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to call me at (803) 896-0620 or e-mail me at hauptmse@dhec.sc.gov.

Sincerely,


Steve Hauptmann, EIT
District Engineer Associate
Region 3 EQC-Columbia

Enclosures

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INSPECTION REPORT

Date: December 10, 2007

Dam: D-0561, Springs Lake Dam #2/Spring Valley Lake Dam, Richland County

Location: Along North Lake Road

Representatives of SCDHEC Present: Steve Hauptmann, Jessica McGougan

Representatives of Owner Present: None

Others Present:


List of noted deficiencies or items requiring correction/checking:

All vegetation (brush, weeds, ect.) and small trees (less than 6 inches in diameter) should be cut and removed from the downstream slope of the dam. If larger trees are removed then holes should be filled and pack with clay and riprap placed where needed to prevent erosion. Keep outlet works drainpipe clear of vegetation.

Note: Dam should remain clear of vegetation year round.

Emergency Action Plan Updated Yes _____ No X

Signature of Person Completing Form



DHEC 2604 (6/94)

**NOTIFICATION OF OWNERSHIP CHANGE
S.C. REGULATED DAM**

Date _____

The ownership of Dam D _____, _____ in
(Name of Dam)
_____ 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.

INSPECTION REPORT

Date October 23, 2010

Dam D-0558, SPRINGWOOD LAKE DAM, Richland County

Representatives of SCDHEC Present:

Steve Hauptmann,-District
Engineer Associate,

Representatives of Owner Present:

None

Others Present:

None

List of noted deficiencies or items requiring correction/checking:

1. All vegetation (brush, weeds, etc.) and small trees (less than 6 inches in diameter) should be cut and removed from the dam.
2. Dead trees and fallen limbs should be removed from the dam.
3. All fallen trees and debris should be cleared in the downstream flow areas so that water flow is not restricted during times of high volume flow.
4. The emergency spillway should be clear of all debris and vegetation.
5. The downstream slope is almost completely obstructed with vegetation and trees and therefore could not be carefully walked and examined thoroughly. This should be cleared immediately so that a complete inspection of this slope can be performed.
6. Possible small sinkhole on upstream side near overflow spillway should be evaluated for possible repair and monitored.
7. The spillway inlet should be cleaned on debris (limbs, trash, etc.).
8. Erosion of the face of the dam was noted. With a normal or high water level, the fence would be partially submerged. This does not pose a threat to dam safety at this point, but if left unattended will be a problem in years ahead. I recommend that barrier protection be placed at the waters edge to reduce erosion. This can be accomplished with a concrete wall, or large and med rocks.

Note: Dam should remain clear of vegetation year round.

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

Items 1 and 2 from above were noted in July 2003 and September 2007.

Emergency Action Plan Updated

Yes _____ No X



CENTRAL MIDLANDS EQC DISTRICT
PO Box 156, Building #5
State Park, SC 29147
(803) 896-0620 Fax (803) 896-0617

June 28, 2002

Mr. W.L. Harrington
Vice President Hughes Lakeowners Assoc.
104 Aiken Hunt Circle
Columbia, SC 29223

RE: Reinspection of Dam D-0573, Hughes Pond Dam, Richland County

Dear Mr. Harrington:

This office performed a routine inspection of the Hughes Pond Dam on Thursday, May 9, 2002. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again next year. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to contact us at (803) 896-0620.

Sincerely,

Kendrick R. Chiles
District Engineer Associate
Central Midlands EQC District Office

Enclosures

cc: Anthony James, DHEC Bureau of Water Facilities Compliance

INSPECTION REPORT

Date Thursday, May 9, 2002

Dam D-0573, Hughes Pond Dam, Richland County

Representatives of SCDHEC Present:

Kendrick R. Chiles

Representatives of Owner Present:

Others Present:

None

List of noted deficiencies or items requiring correction/checking:

*All vegetation (brush, weeds, ect.) and small trees (less than 6 inches in diameter) should be cut and removed from dam.

Note: Dam should remain clear of vegetation year round.

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

Emergency Action Plan Updated

Yes _____ No _____



Signature of Person Completing Form

DHEC 2604 (6/94)



C. Earl Hunter, Commissioner

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

February 24, 2011

Attn: Bill Dixon
Midlands Lakes, LLC
P.O. BOX 8593
Columbia, SC 29202

RE: Reinspection of Whitehall Lower Dam D-0516, Lexington County

Dear Mr. Dixon:

This office performed a routine inspection of the Whitehall Lower Dam on Tuesday December 21, 2010. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again next year. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to call me at (803) 896-0620 or e-mail me at hauptmse@dhec.sc.gov.

Sincerely,

Steve Hauptmann, EIT
District Engineer Associate
Region 3, Columbia EQC Office

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Region 3

Serving Chester, Fairfield, Lancaster, Lexington, Newberry, Richland and York Counties

Columbia EQC Office • PO Box 156 • State Park, SC 29147 • Phone: (803) 896-0620 • Fax: (803) 896-0617 • www.scdhec.gov

INSPECTION REPORT

Date December 21, 2010

Dam D-0516, Whitehall Dam, Lexington County

Location: Brookshire Drive and Tram Road

Representatives of SCDHEC Present: Steve Hauptmann

Representatives of Owner Present: None

Others Present: None

List of noted deficiencies or items requiring correction/checking:

All vegetation (brush, weeds, etc.) and small trees (less than 6 inches in diameter) should be cut and removed from the both slopes of the dam. Unused piping material should be removed from lakeside of dam and toe side (discharge area). Clear out flow area of all debris and add cement diffuser and/or Rip Rap as needed to prevent soil erosion at the discharge area. Clear and maintain emergency spillway area.

Note: Dam should remain clear of vegetation year round.

Emergency Action Plan Updated Yes _____ No x

Signature of Person Completing Form

Steve Hauptmann



CENTRAL MIDLANDS EQC DISTRICT

PO Box 156, Building #5

State Park, SC 29147

(803) 896-0620 Fax (803) 896-0617

June 28, 2002

Department of Mental Health
Attn: Paul Richards, Supt. of Grounds
2414 Bull St.
Columbia, SC 29201

RE: Reinspection of Dam D-0556, Alcohol and Drug Abuse Dam, Richland County

Dear Mr. Richards:

This office performed a routine inspection of the Alcohol and Drug Abuse Dam on Wednesday, May 8, 2002. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again next year. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to contact us at (803) 896-0620.

Sincerely,

Kendrick R. Chiles
District Engineer Associate
Central Midlands EQC District Office

Enclosures

cc: Anthony James, DHEC Bureau of Water Facilities Compliance

INSPECTION REPORT

Date Wednesday, May 8, 2002

Dam D-0556, Alcohol and Drug Abuse Dam, Richland County

Representatives of SCDHEC Present:

Kendrick R. Chiles

Representatives of Owner Present:

Others Present:

None

List of noted deficiencies or items requiring correction/checking:

*All vegetation (brush, weeds, ect.) and small trees (less than 6 inches in diameter) should be cut and removed from dam.

Note: Dam should remain clear of vegetation year round.

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

Emergency Action Plan Updated

Yes _____ No _____



Signature of Person Completing Form

December 17, 2010

Homeowners Association of Lake Katherine, Inc
4606 Lelias Ct.
Columbia, SC 29206

RE: Reinspection of Lake Katherine Dam D-0027, Richland County

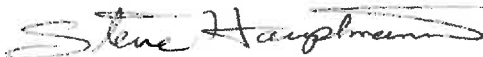
This office performed a routine inspection of Lake Katherine Dam on December 17, 2010. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

If you need any assistance or have any questions prior to the next inspection, please do not hesitate to call me at (803) 896-0620 or e-mail me at hauptmse@dhec.sc.gov.

Sincerely,



Steven Hauptmann, EIT
District Engineer Associate
Region 3 EQC-Columbia

Enclosures

INSPECTION REPORT

Date: December 17, 2010

Dam: D-0027, Lake Katherine Dam, Richland County

Location: Lake Katherine Dam

Representatives of SCDHEC Present: Steve Hauptman

Representatives of Owner Present: None

Others Present: None

List of noted deficiencies or items requiring correction/checking:

All vegetation (brush, weeds, ect.) and small trees (less than 6 inches in diameter) should be cut and removed from both sides slope of the dam. Keep fallen trees removed and stumps need to removed and holes pack with clay. Much of the downslope cannot be adequately inspected due to the heavy vegetation growth.

Emergency Action Plan Updated Yes _____ No X

Signature of Person Completing Form

Steve Hauptman



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

August 23, 2012

Attn: Bill Dixon
The Mungo Company
441 Western Lane
Irmo, SC 29063

RE: Reinspection of Whitehall Upper Dam D-0517, Lexington County

Dear Mr. Dixon:

This office performed a routine inspection of the Whitehall Upper Dam on Thursday August 23, 2012. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

If you need any assistance or have any questions prior to the next inspection, please do not hesitate to call me at (803) 896-0620 or e-mail me at hauptmse@dhec.sc.gov.

Sincerely,

Steven Hauptmann, EIT.
District Engineer Associate
Region 3, Columbia EQC Office

INSPECTION REPORT

Date August 23, 2012

Dam D-0517, Whitehall Upper Dam, Lexington County

Location: Tram Road and Stonehedge Road

Representatives of SCDHEC Present: Steven Hauptmann

Representatives of Owner Present: Bill Dixon

Others Present: None

List of noted deficiencies or items requiring correction/checking:

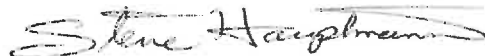
Toe pipe (Outlet Works Pipe/ Discharge Pipe) has been replaced and is in good working order.

Vegetation, shrubs etc around the toe pipe and on the dam slopes needs to be maintained year round.

The Emergency Overflow Spillway flow path should be cleared of ALL obstructions including debris, bushes, fences etc. Currently there are major obstructions including wooden and chain link fencing, bushes, benches, trees etc which can significantly impede the flow of water in an emergency overflow situation. Reduced flow through the Emergency Overflow Spillway area can allow the lake levels to rise and lead to overtopping of the dam structure during a significant rainfall. Overtopping is a major cause of catastrophic dam failure. All obstructions in the Emergency Overflow Pathway should be removed.

Emergency Action Plan Updated Yes _____ No X

Signature of Person Completing Form



S. C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

DAMS AND RESERVOIRS SAFETY PROGRAM
SURVEILLANCE PLAN AND EMERGENCY NOTIFICATION PLAN

**NOTIFICATION OF OWNERSHIP CHANGE
S.C. REGULATED DAM**

Date _____

The ownership of Dam D-0517, Whitehall Upper Dam in Lexington 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.

DHEC 2605(6/94)

October 23, 2010

Attn: Ben Easton
PO Box 1499
Lexington, SC 29071

RE: Reinspection of Upper Windsor Lake Dam D-0570, Richland County

Dear Mr./Ms. Ben Easton:

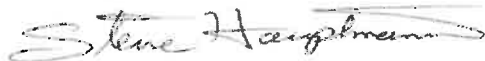
This office performed a routine inspection of the Upper Windsor Lake Dam on October 23, 2010. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again next year. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to call me at (803) 896-0620 or e-mail me at hauptmse@dhec.sc.gov.

Sincerely,



Steven Hauptmann EIT
District Engineer Associate
Region 3, Columbia EQC Office

Enclosures

INSPECTION REPORT

Date: October 23, 2010

Dam: D-0570, Upper Windsor Lake Dam,

Location: Richland County

Representatives of SCDHEC Present: Steven Hauptmann

Representatives of Owner Present: None

Others Present: None

List of noted deficiencies or items requiring correction/checking:

- *All vegetation (brush, weeds, ect.) and small trees (less than 6 inches in diameter) should be cut and removed from the downstream slope of the dam.
- *Dead trees should be removed
- *Stumps should be removed and backfilled
- Overflow spillway becoming blocked with tree saplings and brush growth. This should be cleared as soon as possible.

→ *These items have been noted and uncorrected going back to 1988. An effort to properly maintain this dam should be put forth very soon.

Note: Dam should remain clear of vegetation year round.

Emergency Action Plan Updated

Yes _____ No X

Signature of Person Completing Form

Steven Hauptmann



CENTRAL MIDLANDS EQC DISTRICT

PO Box 156, Building #5

State Park, SC 29147

(803) 896-0620 Fax (803) 896-0617

June 28, 2002

Elden "Skip" Steele
Wildewood HOA
19 Running Fox Rd.
Columbia, SC 29223

RE: Reinspection of Dam D-0565, Wildewood Pond Dam 5, Richland County

Dear Mr. Steele:

This office performed a routine inspection of the Wildewood Pond Dam 5 on Tuesday, May 14, 2002. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again next year. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to contact us at (803) 896-0620.

Sincerely,

Kendrick R. Chiles

District Engineer Associate

Central Midlands EQC District Office

Enclosures

cc: Anthony James, DHEC Bureau of Water Facilities Compliance

INSPECTION REPORT

Date Tuesday, May 14, 2002

Dam D-0565, Wildewood Pond Dam 5, Richland County

Representatives of SCDHEC Present:

Kendrick R. Chiles

Representatives of Owner Present:

Elden "Skip" Steele

Others Present:

None

List of noted deficiencies or items requiring correction/checking:

*None

Note: Dam should remain clear of vegetation year round.

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

*

Emergency Action Plan Updated

Yes _____ No _____



Signature of Person Completing Form

DHEC 2604 (6/94)

October 22, 2010

Attn: Darnall W. Boyd
7700 Trenholm Road Extension
Columbia, SC 29223

RE: Reinspection of Windsor Lake Dam D-0571, Richland County

Dear Mr. Boyd:

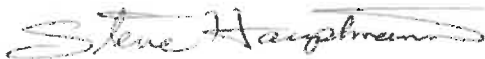
This office performed a routine inspection of the Windsor Lake Dam October 22, 2010. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer being necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again next year. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to call me at (803) 896-0620 or e-mail me at hauptmse@dhec.sc.gov.

Sincerely,



Steve E Hauptmann, EIT
District Engineer
Region 3-EQC-Columbia

INSPECTION REPORT

Date October 22, 2010

Dam D-0571, Windsor Lake Dam, Richland County

Representatives of SCDHEC Present:

Steven Hauptmann

Representatives of Owner Present:

Others Present:

List of noted deficiencies or items requiring correction/checking:

This dam has had some good maintenance conducted as many trees and brush have been removed since the last inspection.

It is recommended that;

*All vegetation (brush, weeds, etc.) and small trees (less than 6 inches in diameter) should be cut and removed from dam.

*Continue to monitor any stump and root systems for decomposition and backfill as needed.

*The trash rack seems to be working effectively. Please continue to routinely monitor the rack and keep it cleared.

Note: Dam should remain clear of vegetation year round.

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

Emergency Action Plan Updated

Yes _____ No x

Signature of Person Completing Form

Steven Hauptmann

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:

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.



CENTRAL MIDLANDS EQC DISTRICT
PO Box 156, Building #5
State Park, SC 29147
(803) 896-0620 Fax (803) 896-0617

June 28, 2002

City of Columbia
Attn: J.M. Summers
PO Box 147
Columbia, SC 29201

RE: Reinspection of Dam D-0023, Columbia Reservoir Dike, Richland County

Dear Mr. Summers:

This office performed a routine inspection of the Columbia Reservoir Dike on Thursday, May 9, 2002. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again next year. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to contact us at (803) 896-0620.

Sincerely,

Kendrick R. Chiles
District Engineer Associate
Central Midlands EQC District Office

Enclosures

cc: Anthony James, DHEC Bureau of Water Facilities Compliance

INSPECTION REPORT

Date Thursday, May 9, 2002

Dam D-0023, Columbia Reservoir Dike, Richland County

Representatives of SCDHEC Present:

Kendrick R. Chiles

Representatives of Owner Present:

Others Present:

None

List of noted deficiencies or items requiring correction/checking:

*None

Note: Dam should remain clear of vegetation year round.

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

*None

Emergency Action Plan Updated

Yes No



Signature of Person Completing Form

DHEC 2604 (6/94)



C. Earl Hunter, Commissioner

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

June 25, 2010

Summit Community Association, Inc
305 Ridge Trail Dr.
Columbia, SC 29229

RE: Reinspection of Dam D-4438 & D-4439, Summit Dam I & Summit Dam VI, Richland County

Dear Sir or Madam:

This office performed a routine inspection of the referenced dam on December 20, 2007. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again in three years. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to call me at (803) 896-0620 or e-mail me at hauptmse@dhec.sc.gov.

Sincerely,

Steve Hauptmann, EIT
District Engineer Associate
Region 3, Columbia EQC Office

Enclosures

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Region 3

Serving Chester, Fairfield, Lancaster, Lexington, Newberry, Richland and York Counties

Columbia EQC Office • PO Box 156 • State Park, SC 29147 • Phone: (803) 896-0620 • Fax: (803) 896-0617 • www.scdhec.gov

INSPECTION REPORT

Date: June 25, 2010

Dam: D-4438 & D-4439, Summit Dam I & Summit Dam VI, Richland County

Location: D-4438 is off of Indigo Springs and D-4439 is off of Barony Place Drive

Representatives of SCDHEC Present: Steve Hauptmann

Representatives of Owner Present: Alan Rodger

Others Present:

List of noted deficiencies or items requiring correction/checking:

Overall dam looks good. Just a reminder, all vegetation (brush, weeds, etc.) and small trees (less than 6 inches in diameter) should be cut and removed from the downstream slope of the dam. Keep spillway clear of all debris and vegetation. Make sure that beaver population is controlled to prevent damage to dam and spillway. Any stumps need to be removed and hole packed with clay.

Note: Outlet works is not working and dam should remain clear of vegetation year round.

Emergency Action Plan Updated Yes _____ No X

Signature of Person Completing Form



C. Earl Hunter, Commissioner

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

November 21, 2007

Appletree Realty Group
Attn: Charles E. Smith
652 Appletree Realty Group
Lexington, SC 29073

RE: Reinspection of Lower Quail Hollow Dam D-2260, Lexington Name County

Dear Mr. Smith:

This office performed a routine inspection of the Lower Quail Hollow Dam on Wednesday November 21, 2007. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again next year. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to call me at (803) 896-0620 or e-mail me at hauptmse@dhec.sc.gov.

Sincerely,

Steve Hauptmann, EIT
District Engineer Associate
Region 3, Columbia EQC Office

Enclosures

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Region 3

Serving Chester, Fairfield, Lancaster, Lexington, Newberry, Richland and York Counties

Columbia EQC Office • PO Box 156 • State Park, SC 29147 • Phone: (803) 896-0620 • Fax: (803) 896-0617 • www.scdhec.gov

INSPECTION REPORT

Date: Wednesday November 21, 2007

Dam: D-2260, Lower Quail Hollow Dam, Lexington County

Location: Quail Hollow subdivision near Lexington Medical Center off of Quail Hollow Lane

Representatives of SCDHEC Present: Steve Hauptmann

Representatives of Owner Present: None

Others Present: None

List of noted deficiencies or items requiring correction/checking:

All vegetation (brush, weeds, ect.) and small trees (less than 6 inches in diameter) should be kept clear from the downstream slope.

Note: New construction next to toe side of dam with new retaining wall has been added in 2005.

Emergency Action Plan Updated Yes _____ No X


Signature of Person Completing Form



C. Earl Hunter, Commissioner

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

July 27, 2011

Summit Community Association, Inc
305 Ridge Trail Dr.
Columbia, SC 29229

RE: Reinspection of Dam D-4438 & D-4439, Summit Dam I & Summit Dam VI, Richland County

Dear Sir or Madam:

This office performed a routine inspection of the referenced dam on July 27 2011. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again in three years. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to call me at (803) 896-0620 or e-mail me at hauptmse@dhec.sc.gov.

Sincerely,

Steve Hauptmann, EIT
District Engineer Associate
Region 3, Columbia EQC Office
SPR

Enclosures

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Region 3

Serving Chester, Fairfield, Lancaster, Lexington, Newberry, Richland and York Counties

Columbia EQC Office • PO Box 156 • State Park, SC 29147 • Phone: (803) 896-0620 • Fax: (803) 896-0617 • www.scdhec.gov

INSPECTION REPORT

Date: July 27, 2011

Dam: D-4438 & D-4439, Summit Dam I & Summit Dam VI, Richland County

Location: D-4438 is off of Indigo Springs and D-4439 is off of Barony Place Drive

Representatives of SCDHEC Present: Steve Hauptmann

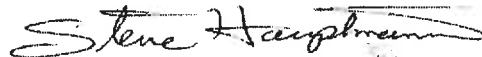
Representatives of Owner Present:

Others Present:

List of noted deficiencies or items requiring correction/checking:

All vegetation (brush, weeds, etc.) and small trees (less than 6 inches in diameter) should be cut and removed from the downstream slope of the dams. Any stumps larger than 6 inches in diameter need to be removed and the hole pack with clay. Keep spillway clear of all debris and vegetation. Make sure that beaver population is controlled to prevent damage to dam and spillway.

Emergency Action Plan Updated Yes _____ No X



Signature of Person Completing Form

SPR

DHEC 2604 (6/94)



CENTRAL MIDLANDS EQC DISTRICT
PO Box 156, Building #5
State Park, SC 29147
(803) 896-0620 Fax (803) 896-0617

June 28, 2002

Donnie A. Gay
1549 Omarest Dr.
Columbia, SC 29210

RE: Reinspection of Dam D-0184, Shimmy Pond Dam, Richland County

Dear Mr. Gay:

This office performed a routine inspection of the Shimmy Pond Dam on Thursday, May 9, 2002. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again next year. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to contact us at (803) 896-0620.

Sincerely,

Kendrick R. Chiles
District Engineer Associate
Central Midlands EQC District Office

Enclosures

cc: Anthony James, DHEC Bureau of Water Facilities Compliance

INSPECTION REPORT

Date Thursday, May 9, 2002

Dam D-0184, Shimmy Pond Dam, Richland County

Representatives of SCDHEC Present:

Kendrick R. Chiles

Representatives of Owner Present:

Others Present:

None

List of noted deficiencies or items requiring correction/checking:

*All vegetation (brush, weeds, ect.) and small trees (less than 6 inches in diameter) should be cut and removed from dam.

*Downstream slope was not able to be thoroughly inspected because of vegetation.

Note: Dam should remain clear of vegetation year round.

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

*The above perviously noted in May 98', Dec 98', April 00', and May 01'.

Emergency Action Plan Updated

Yes No



Signature of Person Completing Form



C. Earl Hunter, Commissioner

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

December 8 2008

Mr. Ronald Scott
510 Horse Creek Rd.
Leesville, SC 29070

RE: Reinspection of Dam D-1281, Little Coldstream Dam,
Lexington County

Dear Mr. Scott:

This office performed a routine inspection of the Little Coldstream Dam on Monday December 8, 2008. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again next year. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to contact us at (803) 896-0620.

Sincerely,

Steve Hauptmann, EIT
District Engineer Associate
Region 3 EQC-Columbia

Enclosures

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Region 3

Serving Chester, Fairfield, Lancaster, Lexington, Newberry, Richland and York Counties

Columbia EQC Office • PO Box 156 • State Park, SC 29147 • Phone: (803) 896-0620 • Fax: (803) 896-0617 • www.scdhec.gov

INSPECTION REPORT

Date December 8, 2008

Dam D-1281, Little Coldstream Dam, Lexington County

Representatives of SCDHEC Present: Steve Hauptmann

Representatives of Owner Present: None

Others Present: None

List of noted deficiencies or items requiring correction/checking:

* The outlet structure is not flowing water at this time and appears to be completely clogged with tree roots. There is probable damage to the outlet flow works somewhere through the dam as water flow is emerging from UNDER the end of the spillway. This will quickly erode the soil which supports the primary spillway and lead to it breaking under it's weight and sliding downstream. This will be detrimental to the primary function of the spillway and I would recommend that the blockage be corrected as soon as possible to minimize possible costs and flow hindrance. .

*The primary spillway should be cleared of vegetation and debris.

*All vegetation (brush, weeds, ect.) and small trees (less than 6 inches in diameter) should be cut and removed from dam.

*Continue to monitor the emergency spillway and repair any cracks or holes that are noticed in the cement. None were noticed at the time of the inspection.

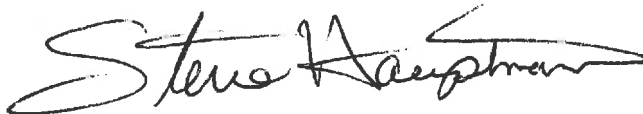
Note: Dam should remain clear of vegetation year round.

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

*Vegetation on slopes - 09/97, 05/99, 03/00, 06/01, 06/02, 06/04

Emergency Action Plan Updated Yes _____ No X

Signature of Person Completing Form





CENTRAL MIDLANDS EQC DISTRICT

PO Box 156, Building #5
State Park, SC 29147
(803) 896-0620 Fax (803) 896-0617

July 14, 2004

Oddie Porth
120 Porth Circle
Lexington, SC 29072

RE: Reinspection of Dam D-4339, Brady Porth Dam, Lexington County

Dear Mr. Porth:

This office performed a routine inspection of the Brady Porth Dam on Wednesday, July 7, 2004. Enclosed you will find an inspection report which summarizes any comments or concerns.

Also enclosed is a copy of the Emergency Notification and Surveillance Plan. Please keep this in an easily accessible location so that all agencies can be notified as quickly as possible should the dam ever experience difficulty. Should the person responsible for implementing the plan change, our office must be notified immediately.

Provisions in the SC Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of a dam to someone else. Enclosed is a form for your use should this transfer be necessary. Please note that this notification must include the name and address of any new owner.

This dam will be inspected again next year. If you need any assistance or have any questions prior to the next inspection, please do not hesitate to contact us at (803) 896-0620.

Sincerely,

Natalie Loquist
District Engineer Associate
Central Midlands EQC District Office

Enclosures

INSPECTION REPORT

Date Wednesday, July 7, 2004

Dam D-4339, Brady Porth Dam, Lexington County

Representatives of SCDHEC Present:

Natalie M. Loquist

Representatives of Owner Present:

Mr. & Mrs. Porth

Others Present:

None

List of noted deficiencies or items requiring correction/checking:

*There were some areas of erosion on the dam that should be stabilized (seeding, mulching, etc.)

*All vegetation (brush, weeds, etc.) and small trees (less than 6 inches in diameter) should be cut and removed from dam.

Note: Dam should remain clear of vegetation year round.

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

None

Emergency Action Plan Updated

Yes _____ No X


Signature of Person Completing Form



CENTRAL MIDLANDS EQC DISTRICT
PO Box 156, Building #5
State Park, SC 29147
(803) 896-0620 Fax (803) 896-0617

June 14, 2004

Oddie Porth
120 Porth Circle
Lexington, SC 29072

RE: Reinspection of Dam D-4339, Brady Porth Dam, Lexington County

Dear Mr. Porth:

The above referenced dam is due its routine reinspection under the provisions of the South Carolina Dams and Reservoirs Safety Act.

I have selected **Wednesday, July 7, 2004**, as the day I will be reinspecting the dam, and I will be arriving at approximately **10:15 a.m.** I request that you have someone available to accompany me on the reinspection and to update the names and telephone numbers on the Emergency Notification Plan for the dam. Also, if you have not already done so, please have any thick vegetation cut from the slopes of the dam so that I can do a complete reinspection.

Please contact me immediately at (803) 896-0620 if you cannot meet with me for the inspection or have any questions.

Sincerely,

Natalie Loquist
District Engineer Associate
Central Midlands EQC District Office



**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 4176 & Hazard Class C1 B. Name of Dam: Whiteford Lake Dam
C. Inspection Date (8/18/2015) & Time: _____ D. Date of Last Inspection: (_ / _ / _)
E. Location-County/City: Lexington F. EQC Regional Office: Region 3 -Columbia
G. Inspector's Name: Steven Hauptmann
H. Owner's Name: _____
I. Contact Person (if different from above): _____
J. Dam Owner's or Contact Person's Phone Numbers: Home (_) _ - _
Whiteford Lake HOA Office (_) _ - _
P.O. Box 173 Other (_) _ - _
Lex SC 29072
K. Dam Owner's or Contact Person's mailing address:
Address 1 _____
Address 2 (optional) _____
City _____, State _____ Zip Code _____ - _____

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)? _____
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)? _____
- ii. Animal activity observed? _____
- iii. Any obvious alterations or repairs made? _____
- iv. Erosion observed on upstream slope? at water's edge
- v. Settlement or cracks visible in slope? _____

C. Down Stream Slope

- i. Vegetation (grass, trees weeds)? Cannot inspect due to Heavy Vegetation
- 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: _____

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? NO flow at time of inspection
- ii. Describe any deflection or damage observed to the pipe: 1
- iii. Visible condition of outlet channel: Trees Above / Near outlet structure

F. Auxiliary (Emergency) Spillway

- i. Noticeable obstructions to flow? trees / Brush blocking Emergency Spillway
- 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? _____

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:

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.