#### **MEMORANDUM**

To:

File

From:

Kendrick R. Chiles

Subject:

RibstoneLake 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 Loquis

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 31<sup>st</sup> 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

**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 removed and holes pack 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

DHEC 2604 (6/94)

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

Stene Hauphranis

Enclosures

Date	December 11, 2012					
Dam	D-4434, Forest Lake Dam, Rich	land County				
Repre	sentatives of SCDHEC Present:		Steven Hauptmann			
-	sentatives of Owner Present: s Present:					
<ul> <li>List of noted deficiencies or items requiring correction/checking:</li> <li>Fallen trees in the spillway area should be removed</li> <li>Emergency overflow area should be cleared</li> <li>Trees near abutment should be evaluated for removal. These root systems will destroy the concrete.</li> <li>Cracks in the concrete should be evaluated by an engineer for repair.</li> <li>All vegetation (brush, weeds, etc.) and small trees (less than 6 inches in diameter) should be cut and removed from dam.</li> </ul>						
Note:	Dam should remain clear of veg	getation year round.				
<b>List of</b> *None	Note: Dam should remain clear of vegetation year round.  List of previously noted items still uncorrected and dates previously noted: *None					
Emerge	ency Action Plan Updated	Yes No				
		Signature of Person Comp	leting Form			

DHEC 2604 (6/94)



# 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 6457& Hazard Class C	B. Name of Dam: Entra ( 2) Alce
C. Inspection Date (1230/2014) & Time:	D. Date of Last Inspection: (//)
E. Location-County/City: Zachard	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 () 788-6562
	Office ()
K. Dam Owner's or Contact Person's mailing address:  Address 1 PO BGA 3/	Other ()
Address 2 (optional)	
City, State 5	C Zip Code 29207
	±
Section II (Dam Condition)	
General Condition Assessment (Select one of the following	)
a) Satisfactory b) Fair c) Poor 6	d) Unsatisfactory e) Not Rated
Section III (Dam Inspection Checklist)	
A. Dam Crest i. Vegetation (grass, trees weeds)?	PINE STAN COLL
ii. Animal activity observed?	
iii. Any obvious alteration or repairs made?	
iv. Erosion noticed on crest?	
v. Any visible settlement, misalignment or cracks?	
DHEC 2604 (Pov 44/2044)	

	ım Slope		ACC	1	
	ition (grass, trees weeds)? _	Hees			
ii Anima	1 activity observed?			5.5	
u. Anima	activity observed?				
iii. Any c	ovious alterations or repair <b>s</b> n				
iv. Erosic	n observed on upstream slop				
v. Settlen	ent or cracks visible in slope	-			<del></del>
C. Down S i. Vegeta	tream Slope ion (grass, trees weeds)?	tlees	PSU	± • 0	
ii. Anima	activity observed?				
iii. Any ol	vious alterations or repairs m	nade?			
iv. Erosion	observed on down stream sl	ope?			
v. Settlem	ent or cracks visible in slope?				
vi. Toe dra	ins flowing?				
vii Any se	epage observed? If so, descri	iba lasstian	<del></del>		
<b>D. Primary</b> i. Any visib	Spillway le deterioration of structure?	4 NOT			
i. Any visib	Spillway le deterioration of structure? an obvious need to repair or n	6	& By Pass 1	Maire Close Y Emer	fanly un
i. Any visib	le deterioration of structure?	eplace trash rack?	& By Pass 1	MIVE Close Y Emer	ganly un
ii. Is there iii. Any not	le deterioration of structure?	eplace trash rack?	& By Pass 1	Mare Clase	ganly un
ii. Is there iii. Any noti iv. Is valve	ne deterioration of structure?  an obvious need to repair or need	eplace trash rack?	Only nSi	Y Emer	ganly un
ii. Is there iii. Any noti iv. Is valve  E. Outlet Pi	ne deterioration of structure?  an obvious need to repair or need	eplace trash rack?	Only nSi	Alre Clase Y Emer	Janly um
ii. Is there iii. Any not iv. Is valve  i. Outlet Pi i. Any wate	de deterioration of structure?  an obvious need to repair or receable problems with debris?  or gate present?	eplace trash rack?	only ns	Y Emer	Janly in
ii. Is there iii. Any not iv. Is valve  i. Outlet Pi i. Any wate ii. Describe	le deterioration of structure? an obvious need to repair or need t	eplace trash rack?	only ns	Y Emer	Janly um
ii. Is there iii. Any not iv. Is valve  i. Outlet Pi i. Any wate ii. Describe iii. Visible c	de deterioration of structure?  an obvious need to repair or receable problems with debris?  or gate present?  pe visibly flowing or leaking out any deflection or damage observed.	eplace trash rack?	only ns	Y Emer	Janly un
ii. Is there iii. Any not iv. Is valve  i. Outlet Pi i. Any wate ii. Describe iii. Visible c  Auxiliary Noticeable	le deterioration of structure? an obvious need to repair or receable problems with debris? or gate present?  pe visibly flowing or leaking out any deflection or damage ob- prodition of outlet channel:  Emergency) Spillway	eplace trash rack?	only ns	Y Emer	Janly in
ii. Is there iii. Any not iv. Is valve  E. Outlet Pi i. Any wate ii. Describe iii. Visible co Auxiliary Noticeable i. Animal ac	le deterioration of structure? an obvious need to repair or receable problems with debris? or gate present?  pe r visibly flowing or leaking out any deflection or damage ob- prodition of outlet channel:  Emergency) Spillway obstructions to flow?	eplace trash rack? side of the dischargeserved to the pipe:	Only ns	Y Emer	Janly um

F. Auxiliary (Emergency) Spillway v. If applicable, any observed expos	sure of rebar reinforcement?
200	
vi. If applicable, any visible leakage	below concrete spillway?
I. Downstream/Hazard Class Issue	
Any noticeable changes immediate	ely downstream of the dam that affects the hazard classification?
	8
Emergency Action Plan (EAP)	
i. Emergency Action Plan provided b	py owner?
	9
II. Does EAP contains emergency ale	ert notification plan? If so, when was it last updated?
iii. Does EAP contain specific actions	s to take if the dam has failed or is near failure?
·	
8	4
ection IV (Conclusions)	
CONTRA TOURIGIONS	
General comments and recommen	ndations:
	ndations:
	ndations:
	ndations:
	ndations:

## **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.

DHEC 2604 (Rev 11/2011)



# 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.

*S*incerelv∠

Steve Hauptmann, EIT

District Engineer

Region 3 EQC-Columbia

**Enclosures** 

cc: Mr. Jeffrey Radenbaugh, President Lake Valley HOA

Steve Bradley, P.E., SC DHEC

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

**Date** June 22, 2007

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

Representatives of SCDHEC Present:

SteveHauptmann,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 6inches 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.
- 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 bit 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 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.

# Item 10 was reported in July 2006 and remains uncorrected. **Emergency Action Plan Updated** Yes No X Signature of Person Completing Form DHEC 2604 (6/94) S. C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL DAMS AND RESERVOIRS SAFETY PROGRAM SURVEILLANCE PLAN AND EMERGENCY NOTIFICATION PLAN NAME AND DAM NUMBER COUNTY: Lexington Lake Quail Valley Dam, D-1277 Operator (Please check one) As Manager 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, , Steve Hauptmann (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)

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

Items 1 and 4 from above were noted in July 2004 and are not corrected.

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.)

S.C. Department of Health and Environmental Control, Columbia, S.C.

Tel.: (803)253-6488

4.

 John Beede
 05/23/02
 (h) 732-3042

 Name
 Date
 Telephone

DHEC 2606(07/97)

# NOTIFICATION OF OWNERSHIP CHANGE S.C. REGULATED DAM

Pate		
he ownership of Dam D	(Name of Dam)	in
	(Name of Dam) County has changed. The new owner(s) are:	
O		
Owner 1*	-	
Address	·	
City, Stat	e, Zip	<u>.</u>
Telephon	e Number	
Owner 2*		
(if applicable) Address		*
City, State	e, Zip	
Telephon	e Number	
Additiona (if applicable) Address	l Owner*	<u> </u>
City, State	e, Zip	
•	e Number oration, give name of principal contact person:	
Previous Owner's Signat	ure)	
evious Owner's Name		
evious Owners Address	The state of the s	
*		

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.

Dams and Reservoirs Safety

2600 Bull Street

S.C. Department of Health and Environmental Control

DHEC 2605(6/94)

Mail Above Notification To:

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 tress 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

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

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.

District Engineer Associate

Central Midlands EQC District Office

Enclosures

cc: Anthony James, DHEC Bureau of Water Facilities Compliance

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 diremoved from dam.	ameter) should be cut and
Note: Dam should remain clear of vegetation year round.	
List of previously noted items still uncorrected and dates previously *The above were previously noted in May 98', Jan 99', May 00, and May	<b>noted:</b> 01'.
Emergency Action Plan Updated  YesNo  Signature of Person	Completing Form
DHEC 2604 (6/94)	

# S. C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

# DAMS AND RESERVOIRS SAFETY PROGRAM SURVEILLANCE PLAN AND EMERGENCY NOTIFICATION PLAN

NAME AND D Lake Windemer		COUNTY: Richla	<u>nd</u>
As Ov	oner Manager erence dam, the person(s) named be our and are responsible for implementations.	Operator (Plea elow are responsible for safe mai enting the following Surveillance	ase check one) ntenance and operation of the above e Plan and the following Emergency
SURVEILLANG	CE PLAN		
settlement, eros downstream from	ion, cracking and earth movemen the toe, will be monitored to deter	t. Evidence of seepage on the ct any increase in flow or movem	ich may endanger the dam such as downstream slope, at the toe and nent of soil particles. The Dams and stified if any of the above symptoms
EMERGENCY 1	NOTIFICATION PLAN		
overtopping or if	jor flood or hurricane is forecast, the failure appears imminent because o be kept under constant surveillance	f other problems, the following sta	ne dam appears to be in danger from ate and local officials will be notified we to protect the general public.
1.	South Carolina Highway Patrol:	343-0734	
2.	Local Highway Maintenance Eng 786-0128 (Richland County)	gineer: or 359-4103 (Lexington Cou	nty)
3. officials	Local Police Department, Emerge s. Sheriff's Office: 691-9000 (Richland County)	or 359-8230 (Lexington Cou	·
4.	S.C. Department of Health and Ed Tel.: (803)253-6488	nvironmental Control, Columbia	, S.C.
provided for the	dam owner or his representative w dam owner or his representative Act Regulations.)	rill notify the following downstre to complete, as this is his respo	eam property owners. (This space is insibility under the S.C. Dams and
			_
Person(s) respons	sible for implementing Surveillance	e Plan and Emergency Notification	on Plan:
John Bachaus Norman Stevenso	n	05/05/02	754-2071 337-8117 (M) 600-3483
Name		Date	Telephone
DHEC 2606(07/9	7)		

# NOTIFICATION OF OWNERSHIP CHANGE S.C. REGULATED DAM

The ownership of Dam D		in -	Date
The ownership of Dam D	(Name of Dam)	111	
County 1	has changed. The new owner(s)	are:	
Owner 1*			
Address			
City, State, Zip			• 1
Telephone Number		_	
(if applicable)			
City, State, Zip	·		
Telephone Number		-	
(if applicable)			
City, State, Zip			
Telephone Number_		<b>.</b>	
If owner is a corporation, g	ive name of principal contact per	son:	
	Ö	Previous Owne	r's Signature)
	-	Previous O	wner's Name
	-		
Mail Above Notification To:	S.C. Department of Health and Environment and Reservoirs Safety 2600 Bull Street Columbia, SC 29201		wners Address
NOTE: Failure to notify the S.C. Department transfer can result in a fine of \$100 - \$1000	ent of Health and Environmental Contr	ol within 30 days	of ownership



# 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 6450 & Hazard Class	B. Name of Dam: Entrance 191ce
C. Inspection Date (12/16/20 12) & Time:	D. Date of Last Inspection: (/_ /)
E. Location-County/City: RTCh/and	F. EQC Regional Office: Region 3-Columbia
G. Inspector's Name; Steven Hauptmann	
H. Owner's Name: SPING 16114	tor
Contact Person (if different from above):	4 - 02 - 03
J. Dam Owner's or Contact Person's Phone Numbers:	Home () 78-8 - 056 >
	Office ()
	Other ()
K. Dam Owner's or Contact Person's mailing address:	
Address 1 70 Box 311	
Address 2 (optional)	
City Colo	Zip Code 2 9207
$\kappa$	
Section II (Dam Condition)	
General Condition Assessment (Select one of the follo	ned marks
a) Satisfactory b) Fair c) Poor	d) Unsatisfactory e) Not Rated
Section III (Dam Inspection Checklist)	
A. Dam Crest i. Vegetation (grass, trees weeds)?  Zoot5 / Lea	ia. Dine CIPALI Aniel
" A ! I !! !! I	
iii. Any obvious alteration or repairs made?	
iv. Erosion noticed on crest?	
v. Any visible settlement, misalignment or cracks?	= 3
DHEC 2604 (Rev 11/2011)	

	Vegetation (grass, trees weeds)?
ii	Animal activity observed?
11.	Animal activity observed?
iii.	Any obvious alterations or repairs made?
iv.	Erosion observed on upstream slope?
٧.	Settlement or cracks visible in slope?
). C	own Stream Slope
i.	Vegetation (grass, trees weeds)? Trees, weeds (in Process of remain)
ii.	Animal activity observed?
iii.	Any obvious alterations or repairs made?
iv.	Erosion observed on down stream slope?
V. 3	Settlement or cracks visible in slope?
vi.	Toe drains flowing?
, di	Any seepage observed? If so, describe location,
	demand Chilleson
i. A	rimary Spillway ny visible deterioration of structure?
i. A	ny visible deterioration of structure?
i. A ii. 1	ny visible deterioration of structure?
i. A	ny visible deterioration of structure?  s there an obvious need to repair or replace trash rack?
i. A ii. I iii. A	s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?  s valve or gate present?
i. A ii. I iii. <i>i</i>	s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?
i. A ii. I iii. <i>i</i>	s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?  s valve or gate present?  utlet Pipe  ny water visibly flowing or leaking outside of the discharge pipe?
ii. A iii. I iii. A ii. C	Any noticeable problems with debris?  s valve or gate present?  utlet Pipe ny water visibly flowing or leaking outside of the discharge pipe?  escribe any deflection or damage observed to the pipe:
ii. A iii. I iii. A ii. C	sthere an obvious need to repair or replace trash rack?  Any noticeable problems with debris?  s valve or gate present?  utlet Pipe  ny water visibly flowing or leaking outside of the discharge pipe?  escribe any deflection or damage observed to the pipe:  Visible condition of outlet channel:  Valve 1 2000 Actor of flow 9
ii. A iii. I iii. A iii. C	s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?  s valve or gate present?  utlet Pipe  ny water visibly flowing or leaking outside of the discharge pipe?  escribe any deflection or damage observed to the pipe:  Visible condition of outlet channel:
ii. I iii. I iii. A iii. C	sthere an obvious need to repair or replace trash rack?  Any noticeable problems with debris?  s valve or gate present?  utlet Pipe  ny water visibly flowing or leaking outside of the discharge pipe?  escribe any deflection or damage observed to the pipe:  Visible condition of outlet channel:  Vis
ii. I iii. I iii. A iii. C	s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?  s valve or gate present?  utlet Pipe  ny water visibly flowing or leaking outside of the discharge pipe?  escribe any deflection or damage observed to the pipe:  Visible condition of outlet channel:
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vi. If applicable, any visible leakage below	concrete spillway?
I. Downstream/Hazard Class Issues	
	wnstream of the dam that affects the hazard classification?
· · · · · · · · · · · · · · · · · · ·	
Emergency Action Plan (EAP)	
i. Emergency Action Plan provided by own	ner?
ii. Does EAP contains emergency alert not	tification plan? If so, when was it last updated?
	ke if the dam has failed or is near failure?
	The daily last dailed of is fleat lanute?
	♥. A
Section IV (Conclusions)	
General comments and recommendatio	ons:
General comments and recommendation	ons:

#### **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.

DHEC 2604 (Rev 11/2011)



# 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** 



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 X No

Signature of Person Completing Form

DHEC 2604 (6/94)

#### S. C. DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

# DAMS AND RESERVOIRS SAFETY PROGRAM SURVEILLANCE PLAN AND EMERGENCY NOTIFICATION PLAN

Lake Carolina I	Dam, Dam Number D-4521	COUNTY: Richland	1
of the above refe	Owner Manager erence dam, the person(s) named below a d are responsible for implementing the fo	Operator (Plea re responsible for safe maintena llowing Surveillance Plan and th	ance and operation of the above dam
SURVEILLANG	CE PLAN		
erosion, cracking will be monitore	ns will be performed frequently to detect g and earth movement. Evidence of seeps of to detect any increase in flow or move at Mooney (803) 896-0620 will be notified.	ige on the downstream slope, at ement of soil particles. The D	the toe and downstream from the toe, ams and Reservoirs Safety District
EMERGENCY	NOTIFICATION PLAN		
overtopping or if	ajor flood or hurricane is forecast, the da failure appears imminent because of oth be kept under constant surveillance unti	er problems, the following state	e and local officials will be notified
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 F Office: 691-9000 (Richland County)		
4.	S.C. Department of Health and Enviro Tel.: (803) 253-6488	nmental Control, Columbia, S.C	C.
Additionally, the provided for the c Safety Act Regul	dam owner or his representative will n lam owner or his representative to comple ations.)	otify the following downstrear ete, as this is his responsibility u	n property owners. (This space is nder the S.C. Dams and Reservoirs
Person(s) respons	sible for implementing Surveillance Plan	and Emergency Notification Pl	lan:
Bill Chambers		08/05	(W) 461-0911 (C) 414-2774
Name	1	Date	Telephone
DHEC 2606(07/9	7)		



Catherine B. Templeton, Director

Promating 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 4<sup>th</sup>, 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

There Hayshman

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)
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A. Dam Number: 0 0563 & Hazard Class C	B. Name of Dam: Clask Lake Dan
C. Inspection Date (12/0//2012) & Time: 2:13 pm	D. Date of Last Inspection: (/2/23/20/0
E. Location-County/City: Richland / Columbia	F. EQC Regional Office; Region 3-Columbia
G. Inspector's Name: Steven Hauptmann	
H. Owner's Name: Speing Valley Homeour	ses Association
l. Contact Person (if different from above):	Voges
J. Dam Owner's or Contact Person's Phone Numbers:	Home (803) 788 24/0
	Office ()
K Dam Owner's or Contact December 11	Other ()
K. Dam Owner's or Contact Person's mailing address:	
Address 1 P.O. Box 25246	
Address 2 (optional)	
city Columbia, State S	C Zip Code 29224
Section II (Dam Condition)	
General Condition Assessment (Selectione of the following	ng):
	d) Unsatisfactory e) Not Rated
Section III (Dam Inspection Checklist)	
A. Dam Crest i. Vegetation (grass, trees weeds)? 10015 Havy	Pine STIAN, 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?	
DHEC 2604 (Rev 11/2011)	

B. Up:	
	getation (grass, trees weeds)? These Shrubbots
	nimal activity observed? 465
iii. A	ny obvious alterations or repairs made?
iv. Er	osion observed on upstream slope?
v. Sel	tlement or cracks visible in slope?
C. Dow i. Veç	n Stream Slope petation (grass, trees weeds)? Thees, Brush, Werds, Sallen true
ii. An	mal activity observed?
iii. An	y obvious alterations or repairs made?
iv. Ero	sion observed on down stream slope?
v. Sett	ement or cracks visible in slope?
vi. Toe	drains flowing?
y (	risible deterioration of structure?
ii. Is the	ere an obvious need to repair or replace trash rack? No trash lack wisable
ii. Is the	noticeable problems with debris?
ii. Is the iii. Any v. Is va	noticeable problems with debris?    we are gate present?
ii. Is the	noticeable problems with debris?    we are gate present?
ii. Is the iii. Any v. Is va . Outle . Any w	noticeable problems with debris?  Ive or gate present?
ii. Is the iii. Any v. Is va . Outle . Any w	re an obvious need to repair or replace trash rack?  No trash lack with debris?  Ive or gate present?  It Pipe ater visibly flowing or leaking outside of the discharge pipe?
ii. Is the iii. Any v. Is va . Outle . Any w i. Descri	re an obvious need to repair or replace trash rack?  No finsh, lack wisher  noticeable problems with debris?  live or gate present?  It Pipe after visibly flowing or leaking outside of the discharge pipe?  libe any deflection or damage observed to the pipe:  Very Reserved  to condition of outlet channel:  Ty (Emergency) Spillway able obstructions to flow?  Pinc Straw / Jobes and Flow pipe, Boot Packed in the pipe in the pi
ii. Is the iii. Any v. Is va Outle . Any w i. Descri i. Visible Auxilia Notice	re an obvious need to repair or replace trash rack?  No first limit is formation of the limit is formation of the limit is formation of outlet channel:  No first limit is formation of the limit is formation of the limit is formation of outlet channel:  No first limit is formation of limit is formation.
ii. Is the iii. Any v. Is va Outle Any w i. Descri i. Visible Auxilia Notices	re an obvious need to repair or replace trash rack?  No first land with debris?  Ive or gate present?  It Pipe atter visibly flowing or leaking outside of the discharge pipe?  Ibe any deflection or damage observed to the pipe:  Very Bast of the pipe:  Ty (Emergency) Spillway able obstructions to flow?  Pint Strat / Constant of the pipe is the pipe in t
Any Is valid and the second of	re an obvious need to repair or replace trash rack?  My frask lauf wisher  noticeable problems with debris?  Ive or gate present?  It Pipe after visibly flowing or leaking outside of the discharge pipe?  It ibe any deflection or damage observed to the pipe:  The condition of outlet channel:  The condition of outlet channel:  The condition of outlet channel:  The condition of flow?  The condition of flow?  The condition of flow?  The condition of flow of the channel of the condition of flow of the channel of the channel of the condition of flow?  The condition of flow of the channel of

vi. If app	icable, any visible leakage below concrete spillway?
. Downs . Any no	tream/Hazard Class Issues iceable changes immediately downstream of the dam that affects the hazard classification?
Emerge . Emerge	ncy Action Plan (EAP) ncy Action Plan provided by owner?
i. Does 8	AP contains emergency alert notification plan? If so, when was it last updated?
i. Does I	AP contain specific actions to take if the dam has failed or is near failure?
Su Ou+	gency Spillway Should be Cleared of trees/shit +bat Zero Oblockage to the flow area exists et pige should be evaluated for possible root

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.

DHEC 2604 (Rev 11/2011)

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

Steve Hauphneums

**Enclosures** 

vate	December 27, 2007		
Dam	D-0025, Spring Lake Dam, Richland Co	unty	
Repre	esentatives of SCDHEC Present:		Steven Hauptmann
•	esentatives of Owner Present:		
	f noted deficiencies or items requiring *All vegetation (brush, weeds, ect.) diameter) should be cut and removed *Areas on the dam where there is no erosion. Keep an eye on damp areas on downsta	and small trees (le from dam. grass cover should b	e seeded to prevent
Note:	Dam should remain clear of vegetation	n year round.	
List of *2003	f previously noted items still uncorrec	ted and dates previo	ously noted:
Emerg	gency Action Plan Updated Yes	No	
		Signature of Person	·

DHEC 2604 (6/94)

Date Decvember 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

## DAM SAFETY INSPECTION FORM

Inspector Scott L. Simons
Date 12-7-10 Time 8:50 Dam# 0 0982 Class 1
Name of Dam Swansea Lake Oam 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  sinal trees Other:
Emergency Spillway: N/A has large overspill, spillway with SCDOT
Erosion yes () no () Description:
Obstructions (logs, vegetation, etc.) yes () no ()
Other:
Principal Spillway & Outlet Channel/Basin (Deterioration, blockage, trash rack, etc.)  Principal Spill way appears to be ingood condition several small  trees immediately adjacent to wing walls that need removing.  Additional Comments:
Pond level was down separate drain structure appears to
fond 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
need to clear around



# Preliminary Inspection Report for South Carolina Regulated Dams and Impoundment Structures Regulations R.72-1 through R.72-9

TE PROTECT PROSPER R./2-1 through R./2-5

Section I (Owner's Information)
A. Dam Number: D 0569 & Hazard Class Cl B. Name of Dam: Sesoul DAM
C. Inspection Date (12/18/2012) & Time: D. Date of Last Inspection: (_ /_ /)
E. Location-County/City: Phand / Cole F. EQC Regional Office: Region 3-Columbia
G. Inspector's Name: Steven Hauptmann
H. Owner's Name: SeSQU State Park
I. Contact Person (if different from above):
J. Dam Owner's or Contact Person's Phone Numbers: Home (89) 7 88-27
Office ()
Other ()
K. Dam Owner's or Contact Person's mailing address:  Address 1 9567 Two Notch RJ.
Address 2 (optional)
City Cola
3803
Section II (Dam Condition)
General Condition Assessment (Select one of the following):
a) Satisfactory b) Fair C 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?
DHEC 2604 (Rev 11/2011)

	getation (grass, trees weeds)?
ii. Ar	imal activity observed?
iii. A	ny obvious alterations or repairs made?
iv. Er	osion observed on upstream slope?
v. Se	tlement or cracks visible in slope?
i. Ve	getation (grass, trees weeds)?
ii. An	imal activity observed?
iii. Ar	y obvious alterations or repairs made?
iv. Er	osion observed on down stream slope?
v. Set	tlement or cracks visible in slope?
vi. To	e drains flowing?
Prim	y seepage observed? If so, describe location, ite, and any turbidity or color within the flow:  ary Spillway visible deterioration of structure? Some unknown laken - Should be seen an obvious need to renair or replace trash rack?
. Prim i. Any ii. Is th	ary Spillway visible deterioration of structure? Some unknown laking - Should be ere an obvious need to repair or replace trash rack?
i. Any ii. Is th	ary Spillway visible deterioration of structure? Some unknown laking - Should be ere an obvious need to repair or replace trash rack?  Inoticeable problems with debris?  Output of the structure
i. Any ii. Is th	ary Spillway visible deterioration of structure? Some unknown lenking - Should be rest evaluated for putential Second + Pessible Damage ere an obvious need to repair or replace trash rack?  Inoticeable problems with debris?  Albeits blocking/restructing evaluations alve or gate present?
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i. Any ii. Is the iii. Any iv. Is void. Any iii. Des	ary Spillway visible deterioration of structure? Some unknown laking - Should be the evaluated for putential Second + Pessible Demage ere an obvious need to repair or replace trash rack?  I noticeable problems with debris?  alve or gate present?  Pet Pipe water visibly flowing or leaking outside of the discharge pipe?  Cribe any deflection or damage observed to the pipe:  ble condition of outlet channel:
i. Any ii. Is the iii. Any iv. Is void. Any ii. Des	ary Spillway visible deterioration of structure? Some unknown lake - Should be rest evaluated for putential Second - Pessible Demage ere an obvious need to repair or replace trash rack?  Inoticeable problems with debris?  alve or gate present?  The Pipe water visibly flowing or leaking outside of the discharge pipe?  Cribe any deflection or damage observed to the pipe:
i. Any ii. Is the iii. Any iv. Is voice. Outline. Any ii. Des	ary Spillway visible deterioration of structure? Some unknown laking - Should be preserved and any turbidity or color within the flow:    Spillway
i. Any ii. Is the iii. Any iv. Is voice. Any iii. Visit Notice. Anim	ary Spillway visible deterioration of structure? Some unknown lanking - Should be pressere an obvious need to repair or replace trash rack?  I noticeable problems with debris?  alve or gate present?  Problem of the discharge pipe?  Active or gate present or damage observed to the pipe:  Cribe any deflection or damage observed to the pipe:  Color of outlet channel:  Color of the discharge pipe?  Color of outlet channel:  Color of the discharge pipe?

. If applicable, any		1-	
i. If applicable, an	y visible leakage be	elow concrete spillway?	
	zard Class Issues nanges immediately		t affects the hazard classification?
Emergency Action Emergency Action	n Plan (EAP) n Plan provided by	owner?	
Does EAP contai	ns emergency alert	t notification plan? If so, whe	n was it last updated?
. Does EAP conta	in specific actions t	o take if the dam has failed o	or is near failure?
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ction IV (Cond	clusions)		

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DHEC 2604 (Rev 11/2011)



# Preliminary Inspection Report for South Carolina Regulated Dams and Impoundment Structures Regulations

R.72-1 through R.72-9

Section I (Owner's Information)		Harpsson	
A. Dam Number: D4495 & Hazard Class_C1_	B. Name of Dam:	Structure 9	Dam
C. Inspection Date (\$21\$7/2014) & Time:	D. Date of Last In	spection: ( <u>\$9117126</u>	>13)
E. Location-County/City: Location Co.	F. EQC Regional	Office: Region 3 -Columbia	<u> </u>
G. Inspector's Name: Steven Hauptmann			
H. Owner's Name: Harbison Community			_
I. Contact Person (if different from above):	+ Lync	h - Mai	nionano
J. Dam Owner's or Contact Person's Phone Numbers:		lome ()	
the second of th		Office ()	
K. Dam Owner's or Contact Person's mailing address:	C	Other ()	
Address 1 106 Hillpine Rd			
Address 2 (optional)			
City Columbia , State	5 ( 70 0 4)	79717	
Section II (Dam Condition)			
General Condition Assessment (Select one of the follow	ving):		
a) Satisfactory  b) Fair  c) Poor	d) Unsatisfactory	e) Not Rated	
Section III (Dam Inspection Checklist)			
A. Dam Crest i. Vegetation (grass, trees weeds)?	Archers 4	lane	
ii. Animal activity observed?			
iii. Any obvious alteration or repairs made?			
iv. Erosion noticed on crest?			
v. Any visible settlement, misalignment or cracks?			
DHEC 2604 (Rev 11/2011)			

D Unotroop	
i. Vegetati	on (grass, trees weeds)? $\frac{1}{1}$
ii. Animal a	activity observed?
iii. Any ob	vious alterations or repairs made?
	observed on upstream slope? IN DIT aleas - Need G1955 COJEC  ESTABLISHED + POSSIBLE FILL IN SOC
v. Settleme	ent or cracks visible in slope?
	eam Slope on (grass, trees weeds)? Grass Near road, Lots of trees on much briars / weeds / brush to see entire slope. activity observed?
iii. Any obv	rious alterations or repairs made?
iv. Erosion	observed on down stream slope?
	nt or cracks visible in slope?
vi. Toe drai	ns flowing?
D. Primary S	nd any turbidity or color within the flow:
i. Any visibl	e deterioration of structure?
ii. Is there a	e deterioration of structure?
ii. Is there a	n obvious need to repair or replace trash rack? Good Condition
ii. Is there a	e deterioration of structure?  In obvious need to repair or replace trash rack?  Gead Condition  Deable problems with debris?  Clean  Or gate present?
ii. Is there a iii. Any notic iv. Is valve c	e deterioration of structure?  In obvious need to repair or replace trash rack?  Gead Condition  Deable problems with debris?  Clean  Or gate present?
ii. Is there a iii. Any notic iv. Is valve c  E. Outlet Pip i. Any water	e deterioration of structure?  In obvious need to repair or replace trash rack?  Gead Condition  Determine the problems with debris?  Clean  Determine the problems with debris and the problems with the prob
ii. Is there a iii. Any notic iv. Is valve of E. Outlet Pip i. Any water ii. Describe	e deterioration of structure?  In obvious need to repair or replace trash rack?  Ceable problems with debris?  Create present?  Dee  The visibly flowing or leaking outside of the discharge pipe?
ii. Is there a iii. Any notic iv. Is valve of E. Outlet Pip i. Any water ii. Describe iii. Visible co	e deterioration of structure?  In obvious need to repair or replace trash rack?  Gead Condition  Deable problems with debris?  Or gate present?  Deable present?  Or gate present?
ii. Is there a iii. Any notic iv. Is valve of E. Outlet Pip i. Any water ii. Describe iii. Visible co	e deterioration of structure?  In obvious need to repair or replace trash rack?  Good Condition  Deable problems with debris?  C equivariant  Deable present?  Deable present? D
ii. Is there a iii. Any notic iv. Is valve of  E. Outlet Pip i. Any water ii. Describe iii. Visible co  F. Auxiliary ( i. Noticeable ii. Animal ac	e deterioration of structure?  In obvious need to repair or replace trash rack?  Seable problems with debris?  Departure or gate present?  Departure or gate present.  Departure or gate present.  Departure or gate present.  Departure or gate present.  Dep
i. Is there a ii. Any notic v. Is valve of Outlet Pip Any water . Describe i. Visible co Auxiliary ( Noticeable	e deterioration of structure?  In obvious need to repair or replace trash rack?  Seable problems with debris?  Departure or gate present?  Departure or gate present.  Departure or gate present.  Departure or gate present.  Departure or gate present.  Dep

(O)
- 1

## **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.

DHEC 2604 (Rev 11/2011)



# 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

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



## 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.

Steve Hauptmann, EIT

District Engineer Associate Region 3 EQC-Columbia

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

# NOTIFICATION OF OWNERSHIP CHANGE S.C. REGULATED DAM

Date	95		
The own	ership of Dam D	(Name of Dam)	in
· <u>·</u>		(Name of Dam) has changed. The new owner(s) are:	
	Owner 1*		
	Address		., 5
4	City, State, Zip		
di	Telephone Number		
	(if applicable)		
	City, State, Zip		-
	Telephone Number		
	Additional Owner* (if applicable) Address		
7)	City, State, Zip		
*If	Telephone Number fowner is a corporation, g	give name of principal contact person:	
Previous	s Owner's Signature)	# #	
revious (	Owner's Name		
revious (	Owners Address		 ●. ·
	8		
fail Above	Notification To:	S.C. Department of Health and Environment Dams and Reservoirs Safety 2600 Bull Street Columbia, SC 29201	tal Control

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.

Date	October 23, 2010		
Dam	D-0558, SPRINGWOOD LAKE DAM, Richland County		
Repres	entatives of SCDHEC Present:	Steve Engineer As	Hauptmann,-District sociate,
Repres	entatives 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.
- 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_	_
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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

Date	Thursday, May 9, 2002	
Dam	D-0573, Hughes Pond Dam, Richland County	
Repre	esentatives of SCDHEC Present:	Kendrick R. Chiles
Repr	esentatives of Owner Present:	
Other	s Present:	None
	, and a second s	
*All ve	f noted deficiencies or items requiring correction/c egetation (brush, weeds, ect.) and small trees (less than ed from dam.	•
Note:	Dam should remain clear of vegetation year round.	
		J ,
List of	previously noted items still uncorrected and dates	previously noted:
Emerg	ency Action Plan Updated Yes No	
	Signatu	Tre 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

Tene Harphneim

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\_ <u>x</u>

**Signature of Person Completing Form** 

Steve Haughnam



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.

Sincere

Kendrick R. Chiles

District Engineer Associate

Central Midlands EQC District Office

**Enclosures** 

cc: Anthony James, DHEC Bureau of Water Facilities Compliance

Date Wednesday, May 8, 2002	and the second s
Dam D-0556, Alcohol and Drug Abuse D	Dam, Richland County
Representatives of SCDHEC Present:	Kendrick R. Chiles
Representatives of Owner Present:	
Others Present:	None
36 2 (2)	
List of noted deficiencies or items requiri	ng correction/checking:
*All vegetation (brush, weeds, ect.) and small removed from dam.	trees (less than 6 inches in diameter) should be cut and
Note: Dam should remain clear of vegetation	on year round.
List of previously noted items still uncorr	ected and dates previously noted:
Emergency Action Plan Updated Y	Signature of Person Completing Form
DHEC 2604 (6/94)	

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 <a href="https://hauptmse@dhec.sc.gov">hauptmse@dhec.sc.gov</a>.

Sincerely,

Steven Hauptmann, EIT District Engineer Associate

Steve Hauphneums

Region 3 EQC-Columbia

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



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

tene Hayshmanis

**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\_ <u>X</u>

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

	Owner 1*	<del>_</del>
	Address	
	City, State, Zip	
	Telephone Number	
	(if applicable)	
	City, State, Zip	
	Telephone Number	
	Additional Owner* (if applicable) Address	
	City, State, Zip	
*If ow	Telephone Number ner is a corporation, giv	e name of principal contact person:
(Previous Ow	ner's Signature)	
Previous Own	er's Name	
Previous Own	ers Address	
Mail Above N	otification To:	S.C. Department of Health and Environmental Control Dams and Reservoirs Safety 2600 Bull Street Columbia, SC 29201

ys of ownership transfer can result in a fine of \$100 - \$1000.

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

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

Steve Hauptmen



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

Date Tuesday, May 14, 2002	r	
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
Đ)		
List of noted deficiencies or items requ *None	iring correction/checking:	
Note: Dam should remain clear of vegeto	ation year round.	
List of previously noted items still unco *	orrected and dates previously n	oted:
W III		
Emergency Action Plan Updated	YesNo 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

There Hayshnews

District Engineer

Region 3-EQC-Columbia

Date	October 22, 2010		
Dam	D-0571, Windsor Lake Dam, Richla	nd County	
Repre	esentatives of SCDHEC Present:		Steven Hauptmann
Repre	sentatives of Owner Present:		
Others	s Present:		
	noted deficiencies or items requinum has had some good maintenance of since the last inspection.	ring correction/checkin conducted as many trees	g: and brush have been
It is red	commended that;		
*Contine needed. *The tra	getation (brush, weeds, etc.) and some cut and removed from dam. ue to monitor any stump and root as a seems to be working effective teep it cleared.	systems for decomposi	tion and backfill as
Note: D	am should remain clear of vegetati	ion year round.	
List of p	reviously noted items still uncorre	ected and dates previou	ısly noted:
Emergen	cy Action Plan Updated Ye	s Nox	
DHEC 2604	4 (6/94)	Signature of Person C	ompleting 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 D SU & Hazard Class C B. Name of Dam: Wild wood Pond dam
C. Inspection Date (12/30/20 14) & Time: D. Date of Last Inspection: (_ /_ /_ )
E. Location-County/City: Region 3-Columbia
G. Inspector's Name: Steven Hauptmann
H. Owner's Name: LAMP HUSP DAM HUA
1. Contact Person (if different from above): Mr. Robert Vante Stowne
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 6 7 '4000 lind IIJ
Address 2 (optional)
City Columbia State S C Zip Code 2 9223
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?
DHEC 2604 (Rev 11/2011)

	ole, any observed exposure of rebar reinforcement?
vi. If applica	ole, any visible leakage below concrete spillway?
. Downstre	am/Hazard Class Issues
i. Any notice	able changes immediately downstream of the dam that affects the hazard classification?
Emergency	Action Plan (EAP)
I. Emergency	Action Plan provided by owner?
	contains emergency alert notification plan? If so, when was it last updated?
iii. Does EAF	contain specific actions to take if the dam has failed or is near failure?
	Conclusions) ments 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.

DHEC 2604 (Rev 11/2011)



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

Date Thursday, Way 9, 2002	
Dam D-0023, Columbia Reservoir Dike, Richland County	
Representatives of SCDHEC Present:	Kendrick R. Chiles
Representatives of Owner Present:	
Others Present:	None
: #A	× -
List of noted deficiencies or items requiring correction/checkin*None	ng:
Ф.	
Note: Dam should remain clear of vegetation year round.	302
List of previously noted items still uncorrected and dates previously *None	iously noted:
Emergency Action Plan Updated  Yes No  Signature of I	Chile Person Completing Form
DHEC 2604 (6/94)	47



# 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

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 removed and hole pack 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

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 an I proceeding the health of the public and the recomment.

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

Steve Hauphnen

SPR

**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

Steve Hauphneum

SPR



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

Date Thursday, May 9, 2002

ţ.	
Dam D-0184, Shimmy Pond Dam, Richland Count	y
Representatives of SCDHEC Present:	Kendrick R. Chiles
Representatives of Owner Present:	
Others Present:	None
• ·	¥8
List of noted deficiencies or items requiring correc *All vegetation (brush, weeds, ect.) and small trees (less removed from dam. *Downstream slope was not able to be thoroughly inp	s than 6 inches in diameter) should be cut and
Note: Dam should remain clear of vegetation year ro	und.
List of previously noted items still uncorrected and *The above perviously noted in May 98', Dec 98', Apr	- V
÷	
	e e
Emergency Action Plan Updated Yes Si	No gnature of Person Completing Form
DHEC 2604 (6/94)	



## 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

	·	
Dam [	0-1281, Little Coldstream Dam, Lexington County	
Represe	ntatives of SCDHEC Present:	Steve Hauptmann
Represei	ntatives of Owner Present:	None
Others P	resent:	None
* The outl There is p UNDER the it breaking spillway a and flow h *The prim	oted deficiencies or items requiring correction/checking: let structure is not flowing water at this time and appears to be probable damage to the outlet flow works somewhere through the ne end of the spillway. This will quickly erode the soil which supping under it's weight and sliding downstream. This will be detrimed I would recommend that the blockage be corrected as soon as an indrance.  The property of the spillway should be cleared of vegetation and debris. The property of the spillway should be cleared of vegetation and debris. The property of the spillway should be cleared of vegetation and debris. The property of the spillway should be cleared of vegetation and debris.	e dam as water flow is emerging from orts the primary spillway and lead to ental to the primary function of the s possible to minimize possible costs
	to monitor the emergency spillway and repair any cracks or how to the inspection.	ples that are noticed in the cement.

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

Note: Dam should remain clear of vegetation year round.

Emergency Action Plan Updated Yes\_\_\_\_ No\_\_X

December 8, 2008

Date

**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

Wednesday, July 7, 2004

Date

Dam	D-4339, Brady Porth Dam, Lexington Coun	ty	
Repres	sentatives of SCDHEC Present:		Natalie M. Loquist
Repres	sentatives of Owner Present:		Mr. & Mrs. Porth
Others	Present:		None
			Ŧ
	noted deficiencies or items requiring corr were some areas of erosion on the dam that		(seeding, mulching, etc.)
*All veg	petation (brush, weeds, etc.) and small trees (lam.	less than 6 inches in di	ameter) should be cut and removed
Note: I	Dam should remain clear of vegetation year i	round.	
<b>List of</b> None	previously noted items still uncorrected a	and dates previously	noted:
Emerg	ency Action Plan Updated Yes	NoX  NoX  Signature of Pe	Assust erson Completing Form
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 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,

District Engineer Associate

Central Midlands EQC District Office



A 4400 - 14

# 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 Late Dam
C. Inspection Date ( <u>§ /) § /</u> 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:  White for Lake Horr  PoBux 173  Lex 50 29072  K. Dam Owner's or Contact Person's mailing address:	Office ()
Address 1	
Address 2 (optional)	
City, State _	Zip Code -
Section II (Dam Condition)	
General Condition Assessment (Select one of the follow	ing):
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?	

ii.	Animal activity observed?
iii.	Any obvious alterations or repairs made?
iv.	Erosion observed on upstream slope? Ut Waters edge
V.	Settlement or cracks visible in slope?
C. C i.	Vegetation (grass, trees weeds)? Cannot inspect Due to Heavy Vegitation
ii.	Animal activity observed?
iii.	Any obvious alterations or repairs made?
iv.	Erosion observed on down stream slope?
٧.	Settlement or cracks visible in slope?
vi.	Toe drains flowing?
i. <i>F</i>	rimary Spillway Any visible deterioration of structure?
	s there an obvious need to repair or replace trash rack?
iii.	s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?
	Any noticeable problems with debris?
iv. E. C i. A	Any noticeable problems with debris?  Is valve or gate present?  Outlet Pipe  In year visibly flowing or leaking outside of the discharge pipe?  No flow at time of the discharge pipe?
iv. E. C	Any noticeable problems with debris?  Is valve or gate present?  Outlet Pipe  Any water visibly flowing or leaking outside of the discharge pipe?  NO Flow go time of
iv. E. C i. A	Any noticeable problems with debris?  Is valve or gate present?  Outlet Pipe  In year visibly flowing or leaking outside of the discharge pipe?  No flow at time of the discharge pipe?
iv.	Any noticeable problems with debris?  Is valve or gate present?  Dutlet Pipe  In Precion  Describe any deflection or damage observed to the pipe:
iv. E. C i. A ii. I	Any noticeable problems with debris?  Is valve or gate present?  Dutlet Pipe  Any water visibly flowing or leaking outside of the discharge pipe?  Institution  Describe any deflection or damage observed to the pipe:  Visible condition of outlet channel:  Mees Above (New outlet Stivetom uxiliary (Emergency) Spillway)
iv.	Any noticeable problems with debris?  Is valve or gate present?  Dutlet Pipe  Institution  Describe any deflection or damage observed to the pipe:  Visible condition of outlet channel:  Trees Above (Near outlet Structure)  Distribution  Distribution  Distribution  Distribution  Distribution of outlet channel:  Trees Above (Near outlet Structure)  Distribution of outlet channel:  Distribution o

	gency) Spillway continued by observed exposure of rebar reinforcement?	
vi. If applicable, a	ny visible leakage below concrete spillway?	
	azard Class Issues changes immediately downstream of the dam that afformation and the dam that afformation are supplied to the dam that afformation are supplied	ects the hazard classification?
. Emergency Act i. Emergency Act		
ii. Does EAP con	ains emergency alert notification plan? If so, when wa	as it last updated?
iii. Does EAP cor	ain specific actions to take if the dam has failed or is	near failure?
	iclusions) its and recommendations:	
	11	
	11	
	11	
	11	
	11	
General comme	11	

## 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.

DHEC 2604 (Rev 11/2011)