

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

R.72-1 through R.72-9

Section	<u>l (Owner'</u>	s Infor	mation)

A. Dam Number: D 4520 & Hazard Class C1	B. Name of Dam: Mt. Vintage Irrigation Dur
C. Inspection Date (09/01/2015) & Time: 10:30 AM	D. Date of Last Inspection: (12/03/2013)
E. Location-County/City: Edge Field / N. Augusta	F. EQC Regional Office: Aiken
G. Inspector's Name: Dani Hallman - Omn	gebura FQC
H. Owner's Name:	<del>-</del>
I. Contact Person (if different from above): Tim Phil	lips
J. Dam Owner's or Contact Person's Phone Numbers:	Home ()
	Office ( <u>803</u> ) 279 - 5472
K. Dam Owner's or Contact Person's mailing address:	Other (803) (e 13 - 10 28
Address 1 365 Mount Vintage Plant	ation Drive
Address 1 365 Mount Vintage Plant Address 2 (optional)	
· · · · · · · · · · · · · · · · · · ·	
Address 2 (optional)	
Address 2 (optional), State	e <u>5 C</u> Zip Code <u>29 8 6 0</u>
Address 2 (optional)  City North Augusta , State  Section II (Dam Condition)	e <u>S C</u> Zip Code <u>29 8 6 0</u>
Address 2 (optional)  City North Augusta , State  Section II (Dam Condition)  General Condition Assessment (Select one of the follow)  a) Satisfactory  b) Fair  c) Poor	e <u>S C</u> Zip Code <u>29 8 6 0</u>
Address 2 (optional)  City North Augusta Section II (Dam Condition)  General Condition Assessment (Select one of the following)	e <u>S C</u> Zip Code <u>29 8 6 0</u>
Address 2 (optional)  City North Augusta . State  Section II (Dam Condition)  General Condition Assessment (Select one of the follow)  a) Satisfactory b) Fair c) Poor   Section III (Dam Inspection Checklist)  A. Dam Crest	e <u>S C</u> Zip Code <u>29 8 6 0</u>
Address 2 (optional)  City North Augusta , State  Section II (Dam Condition)  General Condition Assessment (Select one of the follow)  a) Satisfactory b) Fair c) Poor Section III (Dam Inspection Checklist)  A. Dam Crest i. Vegetation (grass, trees weeds)?	e <u>S C</u> Zip Code <u>29 8 6 0</u>
Address 2 (optional)  City North Augusta . State  Section II (Dam Condition)  General Condition Assessment (Select one of the follow)  a) Satisfactory b) Fair c) Poor   Section III (Dam Inspection Checklist)  A. Dam Crest i. Vegetation (grass, trees weeds)? Companies  ii. Animal activity observed? No.	e <u>S C</u> Zip Code <u>29 8 6 0</u>

1.	pstream Slope   Vegetation (grass, trees weeds)?
ii.	Animal activity observed? No.
iii.	Any obvious alterations or repairs made? No.
iv.	Erosion observed on upstream slope? 50me have erosion. Only VISIBLE because
٧.	Settlement or cracks visible in slope?
	own Stream Slope Vegetation (grass, trees weeds)?
ii.	Animal activity observed? No.
iii.	Any obvious alterations or repairs made? No-
iv.	Erosion observed on down stream slope? No.
V.	Settlement or cracks visible in slope? No.
vi.	Toe drains flowing?N(A
	rimary Spillway
i. <i>F</i>	rimary Spillway Any visible deterioration of structure?  So there an obvious need to repair or replace trash rack?
i. A	s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?
i. A	s there an obvious need to repair or replace trash rack?  No.
i. A ii. l iii.	s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?  Is valve or gate present?  Yes.  Outlet Pipe  Any water visibly flowing or leaking outside of the discharge pipe?  Not visible due to this
i. A ii. l iii.	s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?  Is valve or gate present?  Yes.
i. A iii. l iii. iv. E. C i. A	s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?  Is valve or gate present?  Yes.  Outlet Pipe  Any water visibly flowing or leaking outside of the discharge pipe?  Not visible due to this
i. # ii.   iii.   iv. E. C i. #	s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?  Is valve or gate present?  Yes.  Dutlet Pipe  Any water visibly flowing or leaking outside of the discharge pipe?  Not visible due to this  Vectorion  Describe any deflection or damage observed to the pipe:  Visible condition of outlet channel:  Cloac  uxiliary (Emergency) Spillway oticeable obstructions to flow?
i. # ii.   iii.   iv.   ii.   iii.   iii.	s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?  Is valve or gate present?  Outlet Pipe Any water visibly flowing or leaking outside of the discharge pipe?  Not visible due to this pipe:  Describe any deflection or damage observed to the pipe:  Visible condition of outlet channel:  Clear:  Unitiary (Emergency) Spillway
i. # ii.   iii. iv. E. C i. # iii.   iii.	s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?  Is valve or gate present?  Yes.  Dutlet Pipe  In ywater visibly flowing or leaking outside of the discharge pipe?  Vegetation  Describe any deflection or damage observed to the pipe:  Visible condition of outlet channel:  Clear:  Uxiliary (Emergency) Spillway oticeable obstructions to flow?

F. Auxiliary (Emergency) Spillway continued  v. If applicable, any observed exposure of rebar reinforcement?
vi. If applicable, any visible leakage below concrete spillway?
H. Downstream/Hazard Class Issues i. Any noticeable changes immediately downstream of the dam that affects the hazard classification?
None apparent.
I. Emergency Action Plan (EAP) i. Emergency Action Plan provided by owner?  To be mailed.
ii. Does EAP contains emergency alert notification plan? If so, when was it last updated?
iii. Does EAP contain specific actions to take if the dam has failed or is near failure?
Section IV (Conclusions)
General comments and recommendations:
Good condition. Monitor erosion leading on to crest and repair
as needed. When vegetation is cleared from outlet area, check
as needed. When vegetation is cleared from outlet area, check for signs of scepage around the pipe and notify DHEC immediately if you notice any.

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.



# Regulated Dams and Impoundment Structures Regulations

R.72-1 through R.72-9

Section I (Owner's Information)
A. Dam Number: D 2810 & Hazard Class I B. Name of Dam: Edisto Farms Dam
C. Inspection Date ( <u>04/24/2015</u> ) & Time: <u>I\hat\hat\hat\hat\hat\hat\hat\hat\hat\hat</u>
E. Location-County/City: Bambera / Denmark F. EQC Regional Office: Orangebura
G. Inspector's Name: Dani Hallman
H. Owner's Name: 1. Alan Guess
I. Contact Person (if different from above):
J. Dam Owner's or Contact Person's Phone Numbers:  Owner Z: Well's Fargo Bank - Attn: Cindy Edwards  1441 Main St 15th Floor  Columbia SC 29201  K. Dam Owner's or Contact Person's mailing address:  Home ()  Office (803)765 - 3119  Owner 1 Other (803)673 - 1857
Address 1 734 Partridge Road
Address 2 (optional)
City <u>Oranghura</u> , State <u>5(</u> Zip Code <u>29118</u>
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)? Grass w/ dirt drive.
ii. Animal activity observed? No.
iii. Any obvious alteration or repairs made? No
iv. Erosion noticed on crest? No.
v. Any visible settlement, misalignment or cracks? Some potholes in valuate path
DHEC 2604 (Rev 11/2011)

i.	Ipstream Slope Vegetation (grass, trees weeds)? <u>Crass 4 wilds. Has been recently moved a sprayed</u>
ij.	Animal activity observed? Path to water near the spillway.
iii.	Any obvious alterations or repairs made? No.
iv.	Erosion observed on upstream slope? No.
٧.	Settlement or cracks visible in slope? Some settlement. Most likely from old rooms.
i.	Vegetation (grass, trees weeds)? Grass/weeds on upper half. These on lawer
ii.	half. Animal activity observed? Path to outlet channel.
jji.	Any obvious alterations or repairs made?
iv.	Erosion observed on down stream slope? None apparent.
	Settlement or cracks visible in slope? No
VI.	Toe drains flowing? N/A
). P	w rate, and any turbidity or color within the flow:  VY IOW.  rimary Spillway  Any visible deterioration of structure?
<b>D. P</b> i. <i>F</i>	ery low, rimary Spillway
i. / ii. /	rimary Spillway  Any visible deterioration of structure?
i. A	rimary Spillway  nny visible deterioration of structure?  s there an obvious need to repair or replace trash rack?  No.
i. /- ii. iii.	rimary Spillway  ny visible deterioration of structure?  s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?  No.
i. / ii. l iii.	rimary Spillway  ny visible deterioration of structure?  s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?  Is valve or gate present?  No.  Dutlet Pipe
ii.   iii.   iii.   iii.   iii.   iii.	rimary Spillway  Any visible deterioration of structure?  Solution of structure?  No.  Any noticeable problems with debris?  No.  Its valve or gate present?  No.  Dutlet Pipe  Any water visibly flowing or leaking outside of the discharge pipe?  Pipe is submerged.  Describe any deflection or damage observed to the pipe:  Pipe is submerged.  Visible condition of outlet channel:  Facty clear plater lave is too low to decrive to Flow. May want to dia out the channel of littlemore.
ii. l iii. l iii. l iii. l iii. l	rimary Spillway  In visible deterioration of structure?  In the structure of the discharge pipe?  In the structure of the pipe:  In the
ii. l iii. iv. E. C ii. l iii.	rimary Spillway  Any visible deterioration of structure?  Solution the structure of the discharge pipe?  Solution of the discharge p
ii. l iii. l iii. l iii. l iii. l iii. l	rimary Spillway  In visible deterioration of structure?  So there an obvious need to repair or replace trash rack?  No.  Any noticeable problems with debris?  No.  Is valve or gate present?  No.  Dutlet Pipe  In y water visibly flowing or leaking outside of the discharge pipe?  Pipe is submired.  Describe any deflection or damage observed to the pipe:  Pipe is submired.  Visible condition of outlet channel:  Fairly clear hater level is too low to curvely flow. May want to dia out the channel a littlemore.  Suxiliary (Emergency) Spillway of oticeable obstructions to flow?  None:

F. Auxiliary (Emergency) Spillway continued
v. If applicable, any observed exposure of rebar reinforcement?
vi. If applicable, any visible leakage below concrete spillway?
H. Downstream/Hazard Class Issues i. Any noticeable changes immediately downstream of the dam that affects the hazard classification?
Dam should not be a Class 1 Bridge at downstream crossing appears to be large enough that it should not be overtopped
i. Emergency Action Plan (EAP) i. Emergency Action Plan provided by owner?  Yes. DHEC 26016 YECRIVED ON 9/17/
ii. Does EAP contains emergency alert notification plan? If so, when was it last updated?
iii. Does EAP contain specific actions to take if the dam has failed or is near failure?
Section IV (Conclusions)
General comments and recommendations:
Dan appears to be in good condition. Continue clearing
trees and brush from the lower muf of the downstream
50Pl ·
Monitor areas where trees have been removed for settlement
and repair as needed.
I'm still working with Calumbia to see if we can lower
the classification to C3.
· <del></del>

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

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Section I (Owner's Information)
A. Dam Number: D 3756 & Hazard Class B. Name of Dam: Fogle Dam CLower
C. Inspection Date (11420(3) & Time: 1130 D. Date of Last Inspection: (21242011)
E. Location-County/City: O'burg / Cordova F. EQC Regional Office: Reg. 5
G. Inspector's Name: Scott Silvnon 5
H. Owner's Name: Lawrence & Albert Fogle
I. Contact Person (if different from above):
J. Dam Owner's or Contact Person's Phone Numbers: Law rence Home () 574 4106
A   bertoffice (_) 531-4152
Other ()
K. Dam Owner's or Contact Person's mailing address:  Lawrence 4011 Bamberg Rd  Address 1 Albert 4001 Bamberg Rd
Address 1 Albert 4001 Bamberg Kd
Address 2 (optional)
City Cordova , State Zip Code 27039
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)

	s)? cutgrass
ii. Animal activity observed?	is 0
iii. Any obvious alterations or re	pairs made?
iv. Erosion observed on upstream	m slope?
v. Settlement or cracks visible in	slope?O
i. Vegetation (grass, trees weed  \( \alpha \colon	
iii. Any obvious alterations or rep	pairs made?
iv. Erosion observed on down str	ream slope?
v. Settlement or cracks visible in	slope? h O
vi. Toe drains flowing?	MA
flow rate, and any turbidity or col  Primary Spillway  Any visible deterioration of stru	
ii. Is there an obvious need to rep	pair or replace trash rack?
	delerion
iii. Any noticeable problems with	debris?
	yes No
iv. Is valve or gate present?	yes yes
iv. Is valve or gate present?  E. Outlet Pipe i. Any water visibly flowing or lea	king outside of the discharge pipe? <u>None apparent</u>
iv. Is valve or gate present?  E. Outlet Pipe i. Any water visibly flowing or lea ii. Describe any deflection or dan	king outside of the discharge pipe? None apparent nage observed to the pipe:  None apparent
iv. Is valve or gate present?  E. Outlet Pipe i. Any water visibly flowing or lea ii. Describe any deflection or dan iii. Visible condition of outlet char  Auxiliary (Emergency) Spillwa	king outside of the discharge pipe? <u>None apparent</u> nage observed to the pipe: <u>None apparent</u> nnel: <u>good</u>
iii. Any noticeable problems with  iv. Is valve or gate present?  E. Outlet Pipe i. Any water visibly flowing or lea  ii. Describe any deflection or dan  iii. Visible condition of outlet char  Auxiliary (Emergency) Spillwa  Noticeable obstructions to flow?  i. Animal activity observed?	king outside of the discharge pipe? <u>None apparent</u> nage observed to the pipe: <u>None apparent</u> nnel: <u>good</u>
iv. Is valve or gate present?  E. Outlet Pipe i. Any water visibly flowing or lea ii. Describe any deflection or dan iii. Visible condition of outlet char iii. Auxiliary (Emergency) Spillwa Noticeable obstructions to flow? i. Animal activity observed?	king outside of the discharge pipe? None apparent nage observed to the pipe:  None apparent nnel:  10  10  10  10  10  10  10  10  10  1

	any observed exposure of rebar reinforcement?
vi. If applicable,	any visible leakage below concrete spillway?
. Downstream	Hazard Class Issues
i. Any noticeabl	e changes immediately downstream of the dam that affects the hazard classification?
	None apparent
. Emergency A	ction Plan (EAP) ction Plan provided by owner?
ii. Does EAP co	ontains emergency alert notification plan? If so, when was it last updated?
iii. Does EAP c	ontain specific actions to take if the dam has failed or is near failure?
Section IV (C	onclusions)
General comm	ents and recommendations:
	ents and recommendations:

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# 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: D3754 & Hazard Class	B. Name of Dam: Fogle Dam (Upper)
C. Inspection Date ( <u>63/64/</u> 20 <u>15</u> ) & Time: <u>1</u>	D. Date of Last Inspection: (01/14/2013)
E. Location-County/City: Orangebury Cordova	F. EQC Regional Office: Orange burg
G. Inspector's Name: Dani Hallman, Jo	osh Yon
H. Owner's Name: Lawrence & Albert Foo	ąle
I. Contact Person (if different from above):	
J. Dam Owner's or Contact Person's Phone Numbers:	L. Fogle Home (303) 534-4106
	A Fords Office (803) 531-4152
K. Dom Owner's or Contact Person's mailing address:	Other ()
K. Dam Owner's or Contact Person's mailing address:	
Address 4 1 F 1 2 (12.11 Tk. 11.12 F 11.12)	' <u> </u>
Address 1 L. Forgle: 4011 Bamberry R	
Address 1 L. Fogle: 4011 hambera R  Address 2 (optional) A. Fogle: 4001 Bamberg  City (Ordova , State	Rd
Address 2 (optional) A. Fogle: 4001 Bamberg  City Cordova , State	Rd
Address 2 (optional) A. Fogle: 4001 Bamberg  City Cordova , State  Section II (Dam Condition)	<u>Ed</u> <u>29039</u>
Address 2 (optional) A. Fogle: 4001 Bamberg  City Cordova , State	25
Address 2 (optional) A. Fogle: 4001 Bamberg  City Cordova State  Section II (Dam Condition)  General Condition Assessment (Select one of the follo	25
Address 2 (optional) A. Fogle: 4001 Bamberg  City	Zip Code 29 039  wing):  d) Unsatisfactory e) Not Rated
Address 2 (optional) A. Fogle: 4001 Bamberg  City Cordova State  Section II (Dam Condition)  General Condition Assessment (Select one of the follo  a) Satisfactory D b) Fair c) Poor   Section III (Dam Inspection Checklist)  A Dam Crest	Zip Code 29 039  wing):  d) Unsatisfactory e) Not Rated
Address 2 (optional) A. Fogle: 4001 Bamberg City	Zip Code 29 039  wing):  d) Unsatisfactory e) Not Rated
Address 2 (optional) A. Fogle: 4001 Bamberg  City	Zip Code 29 039  wing):  d) Unsatisfactory e) Not Rated

	pstream Slope Vegetation (grass, trees weeds)? <u>(ე ოც</u> ნა
ii.	Animal activity observed?
iii.	Any obvious alterations or repairs made? <u>n\lambda</u> .
iv.	Erosion observed on upstream slope?
٧. ١	Settlement or cracks visible in slope?
	own Stream Slope Vegetation (grass, trees weeds)? <u>Gross</u>
	Animal activity observed? Small burrow on right hand side. Seems to be.
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? NA
110V	Any seepage observed? If so, describe location, rone apparent.  v rate, and any turbidity or color within the flow:  rimary Spillway
	ny visible deterioration of structure?
ii. I	s there an obvious need to repair or replace trash rack?  NO.
iii. <i>i</i>	s there an obvious need to repair or replace trash rack?  \[ \text{No.} \]
iii. z	s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?  No.
iii. A	s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?  Solution value or gate present?  Outlet Pipe
iii. I	s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?  S valve or gate present?  Outlet Pipe  In water visibly flowing or leaking outside of the discharge pipe?  NO.
iii. /	s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?  Solve or gate present?  No.  Solvette Pipe  In y water visibly flowing or leaking outside of the discharge pipe?  Describe any deflection or damage observed to the pipe:  No.  No.  No.  No.  No.  No.  No.  No
iii. Z	s there an obvious need to repair or replace trash rack?  Any noticeable problems with debris?  Solve valve or gate present?  No.  Solvette Pipe  In water visibly flowing or leaking outside of the discharge pipe?  Describe any deflection or damage observed to the pipe:  No.  Nisible condition of outlet channel:  Fallen Free in Front of outlet pipe.  Noticeable obstructions to flow?  No.  Noticeable obstructions to flow?

	risible leakage below concrete spillway?
H. Downstream/Hazarı i. Any noticeable chan	rd Class Issues nges immediately downstream of the dam that affects the hazard classification?
None	apparent.
I. Emergency Action P i. Emergency Action P	Plan (EAP) Plan provided by owner?
ii. Does EAP contains	s emergency alert notification plan? If so, when was it last updated?
iii. Does EAP contain s	specific actions to take if the dam has failed or is near failure?
slope an that is d	tained. Monitor animal activity on down streamed consider removing the fallen tree from down stream from outlet pipe.
that is d	town stream from outlet pipe.

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# 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: D4088 & Hazard Class 1 B. Name of Dam: Stillinger Lake Dam
C. Inspection Date (03/04/2015) & Time: 11:30 Am D. Date of Last Inspection: (01/14/2013)
E. Location-County/City: Orange burg Cordova F. EQC Regional Office: Orange burg
G. Inspector's Name: Dani Hallman + Josh Yon
H. Owner's Name: Mack C. Stillinger Jr.
I. Contact Person (if different from above):
J. Dam Owner's or Contact Person's Phone Numbers:  Home ()
Office ( <u>%03) 534 - %213</u>
Other (১১૩) 534 - 6188  K. Dam Owner's or Contact Person's mailing address:
Address 1 P.O.Box 653
Address 2 (optional)
City Orangebura, State 5 C Zip Code 29116-
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)? Grass, 5(md, clay
ii. Animal activity observed? <u>no.</u>
iii. Any obvious alteration or repairs made? Soil brought in to fill in holes from vehicle traffic.  iv. Erosion noticed on crest?
v. Any visible settlement, misalignment or cracks?
v. Any visible settlement, misalignment of clacks: TIO,
DHEC 2604 (Rev 11/2011)

i. ve	getation (grass, trees weeds)? (70055
ii. Ar	nimal activity observed?
iii. A	ny obvious alterations or repairs made? <u>NO.</u>
iv. Er	osion observed on upstream slope?
v. Se	ttlement or cracks visible in slope?
i. Ve	vn Stream Slope getation (grass, trees weeds)? <u>Grass, Needs</u>
ii. Ar	imal activity observed? <u>none apparent.</u>
iii. A	ny obvious alterations or repairs made? No.
iv. Er	osion observed on down stream slope?no
v. Se	ttlement or cracks visible in slope?
vi. To	e drains flowing?NIA
	ate, and any turbidity or color within the flow: to be ground water unrelated to
<b>). Pri</b> n i. Any	here an obvious need to repair or replace trash rack?  No trash rack present.
i. Any ii. Is t	visible deterioration of structure? None apparent.
i. Any ii. Is t	here an obvious need to repair or replace trash rack?  No trash rack present.
i. Any ii. Is t iii. An	here an obvious need to repair or replace trash rack?  y noticeable problems with debris?  No.
ii. Is t iii. An iv. Is E. Out i. Any iii. De:	here an obvious need to repair or replace trash rack?  No trash rack present.  y noticeable problems with debris?  yalve or gate present?  Yes.  let Pipe  water visibly flowing or leaking outside of the discharge pipe?  mone apparent.  scribe any deflection or damage observed to the pipe:  scribe any deflection of outlet channel:  Some debris. Not affecting flow at
ii. Is t  iii. Any  iii. Is t  iii. An  iv. Is  E. Out  i. Any  iii. Dec  iii. Vis  ty  . Aux	here an obvious need to repair or replace trash rack?  No trash rack present.  In trash rack present.
ii. Is t iii. Any iii. Is t iii. An iv. Is  E. Out ii. Dec iii. Vis ty . Aux ii. Noti	here an obvious need to repair or replace trash rack?  No trash rack present.  The present of the pipe.  Some obvious need to repair or replace trash rack?  No trash rack present.
ii. Is t iii. Any iv. Is ii. Dec iii. Vis iii. Vis iii. Vis iii. Vis iii. Noti iii. Aniii	residum.  In provide deterioration of structure?  None apparent.  In trash rack present.  In trash rac

v. If applicable, any observed exposure of rebar reinforcement?	AIN
vi. If applicable, any visible leakage below concrete spillway?	AIN
H. Downstream/Hazard Class Issues i. Any noticeable changes immediately downstream of the dam t	hat affects the hazard classification?
None apparent.	
. Emergency Action Plan (EAP)	
ii. Does EAP contains emergency alert notification plan? If so, w	hen was it last updated?
iii. Does EAP contain specific actions to take if the dam has faile	d or is near failure?
General comments and recommendations:	
Spoke with Mr. Stillinger on 3/17/ the outlet pipe has been sealed damage. He # is considering h in the future to prevent rusting	to prevent further
the nutlet Dine has been sealed	to prevent further aving a liner installed and leaking.  sh rack to keep debris
the outlet pipe has been sealed damage. He to is considering he in the future to prevent rusting the Consider installing a new trans	to prevent further aving a liner installed and leaking.  sh rack to keep debris

The information contained in the preliminary inspection report is intended as an aid to identify those dams that require maintenance and/or repair actions to reduce their danger to human life or property only. It is not intended as professional engineering or consulting advice for conditions or situations present at individual dams. It is not a substitute for a detailed inspection, nor does it replace the need for services provided by registered professional engineers. If your dam is experiencing an unusual situation consult with engineering professionals to find an appropriate remedy. Preliminary inspections conducted by South Carolina Department of Health and Environmental Control (the Department) are provided "AS IS" and "as available", without warranties of any kind, either express or implied. Preliminary inspections consist only of a visual but technical examination of the dam and its appurtenant works. All findings are based solely on visual observations of the inspector at the time of the inspection. Common law holds that the storage of water is a hazardous activity and the Department does not assume any responsibility or risk for your actions or inactions. Dam owners are responsible for the safe operations and maintenance of their impoundment structures.



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

ROMOTE PROTECT PROSPER
Section I (Owner's Information)
A. Dam Number: DO842 & Hazard Class 1 B. Name of Dam: Fricks Pond Dam
C. Inspection Date ( <u>01/11/20 15</u> ) & Time: <u>10/30 Am</u> D. Date of Last Inspection: ( <u>01/15/20 13</u> )
E. Location-County/City: Saluda / Monetta F. EQC Regional Office: Aiken
G. Inspector's Name: Dani Hallman - Orangeburg EQC
H. Owner's Name: Harold + Nan Frick
I. Contact Person (if different from above): Carey Frick
J. Dam Owner's or Contact Person's Phone Numbers:  Home ()
Office ()
Other (803) 924 - 4495
K. Dam Owner's or Contact Person's mailing address:
Address 1 122 Carey Frick Drive
Address 2 (optional)
City Monetta, State 5 C Zip Code 29105-
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)? Grass w/ venicle path.
ii. Animal activity observed? No.
iii. Any obvious alteration or repairs made? No.
iv. Erosion noticed on crest? No.
v. Any visible settlement, misalignment or cracks? No.
DHEC 2604 (Rev 11/2011)

i. Vegetat	on (grass, trees we	eeds)? <u> \\\\\\\\</u>	4 grass. A	HW M	ry small	pare areas	
ii. Animal	activity observed?	No.					_
iii. Any ob	vious alterations or	repairs made?	No.				_
iv. Erosion	observed on upstre	eam slope?	No				
v. Settleme	ent or cracks visible	in slope? N	Q.				
C. Down St							
i. Vegetati	on (grass, trees we	eds)? <u>Gras</u>	5.				
ii. Animal	activity observed?	.No.					_
iii. Any ob	vious alterations or	repairs made?	No.				
iv. Erosion	observed on down	stream slope?	No.				_
v. Settleme	nt or cracks visible	in slope?	Ь.				_
vi. Toe drai	ns flowing? N	(A					_
vii. Any see	page observed? If	so, describe loc	ation, None	appare	ot.		_
D. Primary S	nd any turbidity or t		ow:				
D. Primary S i. Any visibl	pillway	tructure?	ow:				
D. Primary S i. Any visibl ii. Is there a	ind any turbidity or c	tructure? No	trash rack?				
i. Is there a	pillway e deterioration of si n obvious need to a	tructure? No	trash rack?				
ii. Is there a	pillway e deterioration of si n obvious need to receive problems with	tructure? No replace th debris? No	trash rack?	on Pu		η	
i. Any notice iv. Is valve it. Any water	pillway e deterioration of si n obvious need to a ceable problems with	tructure? No repair or replace th debris? No Pare eaking outside o	trash rack?	on Plu	mp syster	η	
ii. Is there a iii. Any notic iv. Is valve iv. Is valve i. Any water ii. Describe	pillway e deterioration of so n obvious need to n ceable problems with or gate present?	tructure? No replace th debris? No eaking outside o	trash rack?  trash rack?  the discharge  to the pipe:	on Plu	mp syster None appa	η	
ii. Is there a iii. Any notic iv. Is valve iv. Is valve ii. Any water ii. Describe iii. Visible co	pillway e deterioration of si n obvious need to a ceable problems with or gate present?	tructure? No repair or replace th debris? No eaking outside o amage observed annel: Clear	trash rack?  trash rack?  the discharge  to the pipe:	on Plu	mp syster None appa None	n irent.	
ii. Is there a iii. Any notic iv. Is valve i. Any water ii. Describe iii. Visible co	pillway e deterioration of si n obvious need to a ceable problems with or gate present?  oe any deflection or da ondition of outlet ch	tructure? No repair or replace th debris? No eaking outside o amage observed annel: Clear	trash rack?  trash rack?  the discharge  to the pipe:	pipe?	mp system None appa None	n irent	

v. If applicable, any o	observed exposure of rebar reinforcement? NA
vi. If applicable, any	visible leakage below concrete spillway? NA
<b>l. Downstream/Haza</b> i. Any noticeable cha	ard Class Issues anges immediately downstream of the dam that affects the hazard classification?
None app	arent.
Emergency Action i. Emergency Action	Plan (EAP) Plan provided by owner? Yes.
ii. Does EAP contain	s emergency alert notification plan? If so, when was it last updated?
iii. Does EAP contair	n specific actions to take if the dam has failed or is near failure?
coverage F	at condition. Monitor areas with less grass or erosion. Let us know if you have any
questions.	

The information contained in the preliminary inspection report is intended as an aid to identify those dams that require maintenance and/or repair actions to reduce their danger to human life or property only. It is not intended as professional engineering or consulting advice for conditions or situations present at individual dams. It is not a substitute for a detailed inspection, nor does it replace the need for services provided by registered professional engineers. If your dam is experiencing an unusual situation consult with engineering professionals to find an appropriate remedy. Preliminary inspections conducted by South Carolina Department of Health and Environmental Control (the Department) are provided "AS IS" and "as available", without warranties of any kind, either express or implied. Preliminary inspections consist only of a visual but technical examination of the dam and its appurtenant works. All findings are based solely on visual observations of the inspector at the time of the inspection. Common law holds that the storage of water is a hazardous activity and the Department does not assume any responsibility or risk for your actions or inactions. Dam owners are responsible for the safe operations and maintenance of their impoundment structures.



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

Section I (Owner's Information)	
A. Dam Number: D 2435 & Hazard Class s1	B. Name of Dam: Smoak Pond Dam
C. Inspection Date (12/12/20 14) & Time: 1428	D. Date of Last Inspection: (01 / 10 /2012 )
E. Location-County/City: Orangeburg / Orangeburg	F. EQC Regional Office: Midlands Aiken
G. Inspector's Name: Josh Yon	
H. Owner's Name: Alan Smoak	
I. Contact Person (if different from above):	
J. Dam Owner's or Contact Person's Phone Numbers:	Home (803_) 6557163
	Office ()
K. Dam Owner's or Contact Person's mailing address:	Other ( )
Address 1 450 Bull Swamp Road	,- <b></b>
Address 2 (antional)	
Address 2 (optional)	
Otto Ot Marin	te <u>SC</u> Zip Code <u>29135</u>
City St. Matthews, Stat	
City St. Matthews , State	re <u>SC</u> Zip Code <u>29135</u>
Section II (Dam Condition)  General Condition Assessment (Select one of the following)	owing):
City St. Matthews , State  Section II (Dam Condition)  General Condition Assessment (Select one of the follow)  a) Satisfactory  b) Fair  c) Poor	te <u>SC</u> Zip Code <u>29135</u>
Section II (Dam Condition)  General Condition Assessment (Select one of the following)	owing):
Section II (Dam Condition)  General Condition Assessment (Select one of the follow)  a) Satisfactory b) Fair c) Poor Section III (Dam Inspection Checklist)  A. Dam Crest	owing):
Section II (Dam Condition)  General Condition Assessment (Select one of the follow)  a) Satisfactory b) Fair c) Poor Section III (Dam Inspection Checklist)  A. Dam Crest i. Vegetation (grass, trees weeds)? Grass	owing):
Section II (Dam Condition)  General Condition Assessment (Select one of the follow)  a) Satisfactory b) Fair c) Poor Section III (Dam Inspection Checklist)  A. Dam Crest	owing):
Section II (Dam Condition)  General Condition Assessment (Select one of the follow)  a) Satisfactory b) Fair c) Poor Section III (Dam Inspection Checklist)  A. Dam Crest i. Vegetation (grass, trees weeds)? Grass	owing):
Section II (Dam Condition)  General Condition Assessment (Select one of the follow)  a) Satisfactory b) Fair c) Poor Section III (Dam Inspection Checklist)  A. Dam Crest i. Vegetation (grass, trees weeds)? Grass  ii. Animal activity observed? None	owing):

## Section III (Dam Inspection Checklist) continued **B. Upstream Slope** i. Vegetation (grass, trees weeds)? Grass and two plne trees. ii. Animal activity observed? None iii. Any obvious alterations or repairs made? iv. Erosion observed on upstream slope? v. Settlement or cracks visible in slope? None C. Down Stream Slope i. Vegetation (grass, trees weeds)? Brush and trees. One dead tree fallen across dam. ii. Animal activity observed? iii. Any obvious alterations or repairs made? iv. Erosion observed on down stream slope? Some minor erosion near outlet v. Settlement or cracks visible in slope? None vi. Toe drains flowing? N/A vii. Any seepage observed? If so, describe location, None observed flow rate, and any turbidity or color within the flow: D. Primary Spillway i. Any visible deterioration of structure? None ii. Is there an obvious need to repair or replace trash rack? None iii. Any noticeable problems with debris? iv. Is valve or gate present? None E. Outlet Pipe i. Any water visibly flowing or leaking outside of the discharge pipe? None ii. Describe any deflection or damage observed to the pipe: None iii. Visible condition of outlet channel: F. Auxiliary (Emergency) Spillway i. Noticeable obstructions to flow? Some brush on downstream side ii. Animal activity observed? iii. Any noticeable deterioration in the approach or discharge channel? None iv. Any visible deterioration of structure's crest? DHEC 2604 (Rev 11/2011)

v. If applicable, any observed expos	sure of repar reinforcement? None
vi. If applicable, any visible leakage	below concrete spillway? None
H. Downstream/Hazard Class Issue i. Any noticeable changes immediate	es tely downstream of the dam that affects the hazard classification?
None noticed.	
i. Emergency Action Plan (EAP) i. Emergency Action Plan provided	by owner? New EAP form included with report.
ii. Does EAP contains emergency a	lert notification plan? If so, when was it last updated?
	ns to take if the dam has failed or is near failure?
General comments and recomme	
General comments and recomme	lopes of dam should be cleared/cut. Smaller trees (less than 4 inches in diameter
General comments and recomme Vegetation on upstream and downstream si Any larger trees should be evaluated and a	indations: lopes of dam should be cleared/cut. Smaller trees (less than 4 inches in diameter any dead or dying trees removed. Dead tree needs to be removed from dam
General comments and recomme Vegetation on upstream and downstream si Any larger trees should be evaluated and a	lopes of dam should be cleared/cut. Smaller trees (less than 4 inches in diameter
General comments and recomme Vegetation on upstream and downstream si Any larger trees should be evaluated and a	lopes of dam should be cleared/cut. Smaller trees (less than 4 inches in diameter
General comments and recomme Vegetation on upstream and downstream si Any larger trees should be evaluated and a	lopes of dam should be cleared/cut. Smaller trees (less than 4 inches in diameter
General comments and recomme Vegetation on upstream and downstream si Any larger trees should be evaluated and a	lopes of dam should be cleared/cut. Smaller trees (less than 4 inches in diameter
General comments and recomme Vegetation on upstream and downstream si Any larger trees should be evaluated and a	lopes of dam should be cleared/cut. Smaller trees (less than 4 inches in diameter
General comments and recomme Vegetation on upstream and downstream si Any larger trees should be evaluated and a	lopes of dam should be cleared/cut. Smaller trees (less than 4 inches in diameter
Vegetation on upstream and downstream s	lopes of dam should be cleared/cut. Smaller trees (less than 4 inches in diameter

Preliminary Dam Inspection Disclaimer:

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## Preliminary Inspection Report for South Carolina Regulated Dams and Impoundment Structures Regulations – DHEC 2604 R.72-1 through R.72-9

#### **INSTRUCTIONS**

**Purpose**: To satisfy the inspection requirements for high and significant hazard dams regulated by South Carolina Department of Health and Environmental Control. See R.72-1 through R. 72-9.

Who will complete the form: Regional engineers and inspectors engaged in the dams and reservoir safety program performing dam inspections.

### Section I (Owner's Information):

A) Dam Number; Enter the Dam's inventory number.

B) Name of Dam; Enter the common name of dam found within EFIS.

C) Inspection Month & Time; Enter the day, month, year, and time in which the inspections was performed.

D) Date of Last Inspection; Enter the day, month, and year, in which the last inspection was performed.

E) Location-County/City; Enter the county and city, if applicable, where the dam is located.

F) EQC Regional Office; Enter the DHEC EQC Regional office that covers the area in which the dam is located.

G) Inspector's Name: Enter the name of the person performing the inspection.

H) Owner's Name: Enter the name of the person owning the dam. If there is multiple owners list them and their contact information in the "General comments and recommendations are in section IV.

I) Contact Person; Enter the name of the person that represents the dam owner during the inspection. This person should be authorized to remedy any deficiencies found by the inspector.

J) Dam Owner's or Contact Person's Phone Numbers; Enter the home, office, and other available numbers for the Dam owner or Contact person.

K) Dam Owner's or Contact Person's mailing address; Enter the dam owner's or contact person's mailing address including city state and zip code.

### Section II (Dam Condition):

Once the inspection is completed indicate the general condition of the dam. The assessment can be one of the following four categories:

a) SATISFACTORY- No existing or potential dam safety deficiencies are recognized. Acceptable performance is expected under all loading conditions in accordance with state engineer's rules and regulations for dams or tolerable risk guidelines.



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

(B
B. Name of Dam: Wannamaker Lake
D. Date of Last Inspection: (01 / 10 / 2012 )
F. EQC Regional Office: Midlands - Alken
aker
Home (803_) 707 0006
Office ()
Other ()
SC Zip Code 29116 - 1165
wing):
d) Unsatisfactory e) Not Rated

Section III (Dam Inspection Checklist) continued
B. Upstream Slope i. Vegetation (grass, trees weeds)? Brush / Very Small Trees
ii. Animal activity observed? None
iii. Any obvious alterations or repairs made? None
iv. Erosion observed on upstream slope? Significant windwave erosion observed along majority of upstream slope
v. Settlement or cracks visible in slope?
C. Down Stream Slope i. Vegetation (grass, trees weeds)?  Brush / Small Trees
ii. Animal activity observed? None
iii. Any obvious alterations or repairs made? None
iv. Erosion observed on down stream slope? Some erosion observed
v. Settlement or cracks visible in slope? None
vi. Toe drains flowing? N/A
vii. Any seepage observed? If so, describe location, flow rate, and any turbidity or color within the flow:  D. Primary Spillway  i. Any visible deterioration of structure? Siphons appears in good shape.
ii. Is there an obvious need to repair or replace trash rack?  N/A
iii. Any noticeable problems with debris? None
iv. Is valve or gate present? Valve at outlet
E. Outlet Pipe i. Any water visibly flowing or leaking outside of the discharge pipe?  None
ii. Describe any deflection or damage observed to the pipe:  None
iii. Visible condition of outlet channel: Plunge pool / channel appears In good condition.
F. Auxiliary (Emergency) Spillway i. Noticeable obstructions to flow? None
ii. Animal activity observed? None
iii. Any noticeable deterioration in the approach or discharge channel? None
iv. Any visible deterioration of structure's crest? None
DHEC 2604 (Rev 11/2011)

F. Auxiliary (Emergency) Spillway continued v. If applicable, any observed exposure of rebar reinfo	rcement? N/A
/i. If applicable, any visible leakage below concrete sp	oillway? N/A
,	19/A
. Downstream/Hazard Class Issues	<del></del>
Any noticeable changes immediately downstream of	the dam that affects the hazard classification?
Emergency Action Plan (EAP)	
i. Emergency Action Plan provided by owner?	
ii. Does EAP contains emergency alert notification plan	n2 If no when we it but
<ol> <li>Does EAP contain specific actions to take if the dam</li> </ol>	n has failed or is near failure?
ection IV (Conclusions)	
ECHOH IV (CONCHISIONS)	
General comments and recommendations:	
General comments and recommendations:  am is rated as poor condition as a result of the failure to addres	ss windwave erosion noted in numerous reports.
General comments and recommendations:  am is rated as poor condition as a result of the failure to addrese  mall trees and brush on dam need to be cleared from dam.	ss windwave erosion noted in numerous reports.
General comments and recommendations:  am is rated as poor condition as a result of the failure to addres	ss windwave erosion noted in numerous reports.
General comments and recommendations:  am is rated as poor condition as a result of the failure to addres	ss windwave erosion noted in numerous reports.
General comments and recommendations:  am is rated as poor condition as a result of the failure to addres	ss windwave erosion noted in numerous reports.
General comments and recommendations:  am is rated as poor condition as a result of the failure to addres	ss windwave erosion noted in numerous reports.
General comments and recommendations:  am is rated as poor condition as a result of the failure to addres	ss windwave erosion noted in numerous reports.
General comments and recommendations:  am is rated as poor condition as a result of the failure to addres	ss windwave erosion noted in numerous reports.
General comments and recommendations:  am is rated as poor condition as a result of the failure to addres	ss windwave erosion noted in numerous reports.
General comments and recommendations:  am is rated as poor condition as a result of the failure to addres	ss windwave erosion noted in numerous reports.
General comments and recommendations:  am is rated as poor condition as a result of the failure to addres	ss windwave erosion noted in numerous reports.
General comments and recommendations:  am is rated as poor condition as a result of the failure to addres	ss windwave erosion noted in numerous reports.
General comments and recommendations:  am is rated as poor condition as a result of the failure to addres	ss windwave erosion noted in numerous reports.
General comments and recommendations:  am is rated as poor condition as a result of the failure to addres	ss windwave erosion noted in numerous reports.
General comments and recommendations:  am is rated as poor condition as a result of the failure to addres	ss windwave erosion noted in numerous reports.

The information contained in the preliminary inspection report is intended as an aid to identify those dams that require maintenance and/or repair actions to reduce their danger to human life or property only. It is not intended as professional engineering or consulting advice for conditions or situations present at individual dams. It is not a substitute for a detailed inspection, nor does it replace the need for services provided by registered professional engineers. If your dam is experiencing an unusual situation consult with engineering professionals to find an appropriate remedy. Preliminary inspections conducted by South Carolina Department of Health and Environmental Control (the Department) are provided "AS IS" and "as available", without warranties of any kind, either express or implied. Preliminary inspections consist only of a visual but technical examination of the dam and its appurtenant works. All findings are based solely on visual observations of the inspector at the time of the inspection. Common law holds that the storage of water is a hazardous activity and the Department does not assume any responsibility or risk for your actions or inactions. Dam owners are responsible for the safe operations and maintenance of their impoundment structures.

## Preliminary Inspection Report for South Carolina Regulated Dams and Impoundment Structures Regulations – DHEC 2604 R.72-1 through R.72-9

#### INSTRUCTIONS

**Purpose**: To satisfy the inspection requirements for high and significant hazard dams regulated by South Carolina Department of Health and Environmental Control. See R.72-1 through R. 72-9.

Who will complete the form: Regional engineers and inspectors engaged in the dams and reservoir safety program performing dam inspections.

### Section I (Owner's Information):

A) Dam Number; Enter the Dam's inventory number.

B) Name of Dam; Enter the common name of dam found within EFIS.

C) Inspection Month & Time; Enter the day, month, year, and time in which the inspections was performed.

D) Date of Last Inspection; Enter the day, month, and year, in which the last inspection was performed.

E) Location-County/City; Enter the county and city, if applicable, where the dam is located.

F) EQC Regional Office; Enter the DHEC EQC Regional office that covers the area in which the dam is located.

G) Inspector's Name: Enter the name of the person performing the inspection.

H) Owner's Name: Enter the name of the person owning the dam. If there is multiple owners list them and their contact information in the "General comments and recommendations are in section IV.

I) Contact Person; Enter the name of the person that represents the dam owner during the inspection. This person should be authorized to remedy any deficiencies found by the inspector.

J) Dam Owner's or Contact Person's Phone Numbers; Enter the home, office, and other available numbers for the Dam owner or Contact person.

K) Dam Owner's or Contact Person's mailing address; Enter the dam owner's or contact person's mailing address including city state and zip code.

### Section II (Dam Condition):

Once the inspection is completed indicate the general condition of the dam. The assessment can be one of the following four categories:

a) SATISFACTORY- No existing or potential dam safety deficiencies are recognized. Acceptable performance is expected under all loading conditions in accordance with state engineer's rules and regulations for dams or tolerable risk guidelines.



# 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 4324 & Hazard Class S1	B. Name of Dam: Sutdiffe Dam
C. Inspection Date (12/12/20 14) & Time: 1440	D. Date of Last Inspection: (01 / 10 / 2012 )
E. Location-County/City: Orangeburg /	F. EQC Regional Office: Midlands Alken
G. Inspector's Name: Josh Yon	
H. Owner's Name: Beverly Zeigler	
I. Contact Person (if different from above):	
J. Dam Owner's or Contact Person's Phone Numbers:	Home (803_) 8743547
e 20	Office ( )
K. Dam Owner's or Contact Person's mailing address:	Other ()
Address 1 56 Campground Trail	
Address 2 (optional)	
Address 2 (optional), State	e <u>SC</u> Zip Code 29135
City St. Matthews, State	
City St. Matthews , State  Section II (Dam Condition)	e <u>SC</u> Zip Code <u>29135</u>
City St. Matthews, State	e <u>SC</u> Zip Code <u>29135</u>
Section II (Dam Condition)  General Condition Assessment (Select one of the following)	e <u>SC</u> Zip Code <u>29135</u>
Section II (Dam Condition)  General Condition Assessment (Select one of the follow)  a) Satisfactory b) Fair c) Poor  Section III (Dam Inspection Checklist)  A. Dam Crest	e <u>SC</u> Zip Code <u>29135</u>
Section II (Dam Condition)  General Condition Assessment (Select one of the followa) Satisfactory b) Fair c) Poor Section III (Dam Inspection Checklist)  A. Dam Crest	e SC Zip Code 29135  owing):  d) Unsatisfactory  e) Not Rated ✓
Section II (Dam Condition)  General Condition Assessment (Select one of the folic  a) Satisfactory b) Fair c) Poor  Section III (Dam Inspection Checklist)  A. Dam Crest i. Vegetation (grass, trees weeds)?	e SC Zip Code 29135  owing):  d) Unsatisfactory  e) Not Rated ✓
Section II (Dam Condition)  General Condition Assessment (Select one of the folice  a) Satisfactory b) Fair c) Poor  Section III (Dam Inspection Checklist)  A. Dam Crest i. Vegetation (grass, trees weeds)?  iii. Animal activity observed?  iv. Erosion noticed on crest?	e SC Zip Code 29135  owing):  d) Unsatisfactory  e) Not Rated ✓

ii. Animal activity observed?  iii. Any obvious alterations or repairs made?  iv. Erosion observed on upstream slope?  v. Settlement or cracks visible in slope?  i. Vegetation (grass, trees weeds)?  ii. Animal activity observed?  iii. Any obvious alterations or repairs made?  iv. Erosion observed on down stream slope?  v. Settlement or cracks visible in slope?  v. Settlement or cracks visible in slope?  vi. Toe drains flowing?  vii. Any seepage observed? If so, describe location, flow rate, and any turbidity or color within the flow:	ection III (Dam Inspection Checklist) continued
iii. Animal activity observed?  iiii. Any obvious alterations or repairs made?  iv. Erosion observed on upstream slope?  v. Settlement or cracks visible in slope?  Down Stream Slope  L. Vegetation (grass, trees weeds)?  iii. Animal activity observed?  iii. Any obvious alterations or repairs made?  v. Erosion observed on down stream slope?  v. Settlement or cracks visible in slope?  vi. Toe drains flowing?  vii. Any seepage observed? If so, describe location, flow rate, and any turbidity or color within the flow:  D. Primary Spillway  i. Any visible deterioration of structure?  iii. Is there an obvious need to repair or replace trash rack?  iiii. Any noticeable problems with debris?  iv. Is valve or gate present?  E. Outlet Pipe  i. Any water visibly flowing or leaking outside of the discharge pipe?  ii. Describe any deflection or damage observed to the pipe:  iii. Visible condition of outlet channel:  F. Auxillary (Emergency) Spillway  i. Noticeable obstructions to flow?  iii. Animal activity observed?  iiii. Any noticeable deterioration in the approach or discharge channel?  iv. Any visible deterioration of structure's crest?	. Upstream Slope
iii. Any obvious alterations or repairs made?  iv. Erosion observed on upstream slope?  v. Settlement or cracks visible in slope?  Down Stream Slope i. Vegetation (grass, trees weeds)?  iii. Animal activity observed?  iii. Any obvious alterations or repairs made?  iv. Erosion observed on down stream slope?  v. Settlement or cracks visible in slope?  vi. Toe drains flowing?  vii. Any seepage observed? If so, describe location, flow rate, and any turbidity or color within the flow:  D. Primary Spillway i. Any visible deterioration of structure?  iii. Is there an obvious need to repair or replace trash rack?  iii. Any noticeable problems with debris?  iv. Is valve or gate present?  E. Outlet Pipe i. Any water visibly flowing or leaking outside of the discharge pipe?  ii. Describe any deflection or damage observed to the pipe:  iii. Visible condition of outlet channel:  F. Auxillary (Emergency) Spillway i. Noticeable obstructions to flow?  iii. Any noticeable deterioration in the approach or discharge channel?  iv. Any visible deterioration of structure's crest?	i. Vegetation (grass, trees weeds)?
iv. Erosion observed on upstream slope?  v. Settlement or cracks visible in slope?  Down Stream Slope i. Vegetation (grass, trees weeds)?  ii. Animal activity observed?  iii. Any obvious alterations or repairs made? iv. Erosion observed on down stream slope?  v. Settlement or cracks visible in slope?  vi. Toe drains flowing?  vii. Any seepage observed? If so, describe location, flow rate, and any turbidity or color within the flow:  D. Primary Spillway i. Any visible deterioration of structure?  ii. Is there an obvious need to repair or replace trash rack?  iii. Any noticeable problems with debris?  iv. Is valve or gate present?  E. Outlet Pipe i. Any water visibly flowing or leaking outside of the discharge pipe?  iii. Describe any deflection or damage observed to the pipe:  iii. Visible condition of outlet channel:  F. Auxiliary (Emergency) Spillway i. Noticeable obstructions to flow?  iii. Animal activity observed?  iii. Any noticeable deterioration in the approach or discharge channel?  iv. Any visible deterioration of structure's crest?	ii. Animal activity observed?
iv. Erosion observed on upstream slope?  v. Settlement or cracks visible in slope?  i. Vegetation (grass, trees weeds)?  ii. Animal activity observed?  iii. Any obvious alterations or repairs made?  iv. Erosion observed on down stream slope?  v. Settlement or cracks visible in slope?  vi. Toe drains flowing?  vii. Any seepage observed? If so, describe location, flow rate, and any turbidity or color within the flow:  D. Primary Spillway  i. Any visible deterioration of structure?  iii. Is there an obvious need to repair or replace trash rack?  iii. Any noticeable problems with debris?  iv. Is valve or gate present?  E. Outlet Pipe  i. Any water visibly flowing or leaking outside of the discharge pipe?  iii. Describe any deflection or damage observed to the pipe:  iii. Visible condition of outlet channel:  F. Auxiliary (Emergency) Spillway  i. Noticeable obstructions to flow?  iii. Any noticeable deterioration in the approach or discharge channel?  iv. Any visible deterioration of structure's crest?	iii. Any obvious alterations or repairs made?
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FC 2604 (Rev 11/2011)	iv. Any visible deterioration of structure's crest?
	IEC 2604 (Rev 11/2011)

v. ii applicable,	any observed exposure of rebar reinforcement?
vi. If applicable,	any visible leakage below concrete spillway?
	Hazard Class Issues e changes immediately downstream of the dam that affects the hazard classification?
Emergency Adi. Emergency A	ction Plan (EAP) ction Plan provided by owner?
ii. Does EAP co	ntains emergency alert notification plan? If so, when was it last updated?
iii. Does EAP co	ontain specific actions to take if the dam has failed or is near failure?
General comm	ents and recommendations:  ached. Verified dam is not impounding significant pool.
General comm	ents and recommendations:
	ents and recommendations:
General comm	ents and recommendations:

The information contained in the preliminary inspection report is intended as an aid to identify those dams that require maintenance and/or repair actions to reduce their danger to human life or property only. It is not intended as professional engineering or consulting advice for conditions or situations present at individual dams. It is not a substitute for a detailed inspection, nor does it replace the need for services provided by registered professional engineers. If your dam is experiencing an unusual situation consult with engineering professionals to find an appropriate remedy. Preliminary inspections conducted by South Carolina Department of Health and Environmental Control (the Department) are provided "AS IS" and "as available", without warranties of any kind, either express or implied. Preliminary inspections consist only of a visual but technical examination of the dam and its appurtenant works. All findings are based solely on visual observations of the inspector at the time of the inspection. Common law holds that the storage of water is a hazardous activity and the Department does not assume any responsibility or risk for your actions or inactions. Dam owners are responsible for the safe operations and maintenance of their impoundment structures.

## Preliminary Inspection Report for South Carolina Regulated Dams and Impoundment Structures Regulations – DHEC 2604 R.72-1 through R.72-9

#### **INSTRUCTIONS**

**Purpose**: To satisfy the inspection requirements for high and significant hazard dams regulated by South Carolina Department of Health and Environmental Control. See R.72-1 through R. 72-9.

Who will complete the form: Regional engineers and inspectors engaged in the dams and reservoir safety program performing dam inspections.

### Section I (Owner's Information):

A) Dam Number; Enter the Dam's inventory number.

B) Name of Dam; Enter the common name of dam found within EFIS.

C) Inspection Month & Time; Enter the day, month, year, and time in which the inspections was performed.

D) Date of Last Inspection; Enter the day, month, and year, in which the last inspection was performed.

E) Location-County/City; Enter the county and city, if applicable, where the dam is located.

F) EQC Regional Office; Enter the DHEC EQC Regional office that covers the area in which the dam is located.

G) Inspector's Name: Enter the name of the person performing the inspection.

H) Owner's Name: Enter the name of the person owning the dam. If there is multiple owners list them and their contact information in the "General comments and recommendations are in section IV.

I) Contact Person; Enter the name of the person that represents the dam owner during the inspection. This person should be authorized to remedy any deficiencies found by the inspector.

J) Dam Owner's or Contact Person's Phone Numbers; Enter the home, office, and other available numbers for the Dam owner or Contact person.

K) Dam Owner's or Contact Person's mailing address; Enter the dam owner's or contact person's mailing address including city state and zip code.

#### Section II (Dam Condition):

Once the inspection is completed indicate the general condition of the dam. The assessment can be one of the following four categories:

a) SATISFACTORY- No existing or potential dam safety deficiencies are recognized. Acceptable performance is expected under all loading conditions in accordance with state engineer's rules and regulations for dams or tolerable risk guidelines.