

McGregor

D 0207

Last inspection 2010

See Web Xtender



W. Marshall Taylor Jr., Acting Director

Promoting and protecting the health of the public and the environment

February 23, 2014

To: SC Department of Natural Resources
PO Box 167
Columbia, SC 29202

FROM: Kristen Jones
2475 DHEC RD.
LANCASTER, SC 29720

RE: Re-inspection of Dam D-0226, Small Upper MTN. Lake Dam, Chester County

To Whom It May Concern:

On December 17, 2014, I conducted a re-inspection of the above referenced dam. I have enclosed a copy of my inspection report with correlating pictures taken from this dam.

Overall, the dam appears to be in FAIR condition. This rating is assigned to dams where there is no existing safety deficiencies recognized for normal loading conditions. Please, review the contents of my inspection closely and make necessary adjustments listed in Section IV (Conclusions), for general comments and recommendations.

A copy of the Emergency Notification Plan is enclosed, please update and send back to our office. Should the dam experience difficulty, the agencies listed on the Plan should be contacted and may be able to provide assistance.

Provisions in the S.C. Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of his dam to someone else. The notification must include the name and address of the new owner. I am enclosing a blank form for your use in notifying us should control of your dam be transferred.

You will be notified when the next reinspection of this dam is scheduled, by the Department. Items listed on inspection report should be addressed before the next inspection. If you have any questions or comments, please call me at (803) 285-7461 or email me at joneskl@dhec.sc.gov.

Sincerely,

Kristen Jones

Regional Engineer

Enclosures: Inspection Report, Site Pictures, Surveillance, Emergency Notification and Action Plan, Notification Form for Ownership Change
Cc: File Room

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

2600 Bull Street • Columbia, SC 29201 • Phone: (803) 898-3432 • www.scdhec.gov



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

Section I (Owner's Information)

A. Dam Number: D 0226 & Hazard Class C1 B. Name of Dam: Small Upper Mtn. Lake
C. Inspection Date (12/17/2014) & Time: D. Date of Last Inspection: (12/1/2010)
E. Location-County/City: Chester, Chester F. EQC Regional Office: Lancaster EQC
G. Inspector's Name: Kristen Jones - Regional Engineer
H. Owner's Name: SC Department of Natural Resources
I. Contact Person (if different from above):
J. Dam Owner's or Contact Person's Phone Numbers: Home (803) 734 9100
Office () Other ()
K. Dam Owner's or Contact Person's mailing address:
Address 1 PO BOX 167
Address 2 (optional)
City Columbia State SC Zip Code 29202

Section II (Dam Condition)

General Condition Assessment (Select one of the following):

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

Section III (Dam Inspection Checklist)

A. Dam Crest

- i. Vegetation (grass, trees weeds)? Road
ii. Animal activity observed? none
iii. Any obvious alteration or repairs made? none
iv. Erosion noticed on crest? none
v. Any visible settlement, misalignment or cracks? no road looks to be well maintained.

Section III (Dam Inspection Checklist) continued

B. Upstream Slope

- i. Vegetation (grass, trees weeds)? fine would like cut closer along upstream edge
- ii. Animal activity observed? none
- iii. Any obvious alterations or repairs made? no
- iv. Erosion observed on upstream slope? none
- v. Settlement or cracks visible in slope? none

C. Down Stream Slope

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

D. Primary Spillway

- i. Any visible deterioration of structure? none
- ii. Is there an obvious need to repair or replace trash rack? no
- iii. Any noticeable problems with debris? no
- iv. Is valve or gate present? gate is clear

E. Outlet Pipe

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

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? no

F. Auxiliary (Emergency) Spillway continued

v. If applicable, any observed exposure of rebar reinforcement? N/A

vi. If applicable, any visible leakage below concrete spillway? N/A

H. Downstream/Hazard Class Issues

i. Any noticeable changes immediately downstream of the dam that affects the hazard classification? no

I. Emergency Action Plan (EAP)

i. Emergency Action Plan provided by owner? provided included for update

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:

* overall dam looks to be in good condition well maintained

* cut any trees within 20 feet of the toe of the dam should also remove tree (large) from downstream slope and then re-stabilize

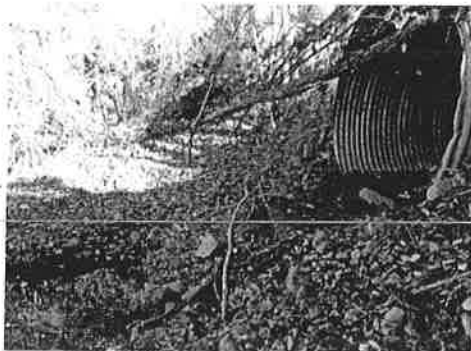
* Please update Emergency Action Plan, provided and send back to my office.

* A change in ownership form has also been included if ownership has been changed.

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.

D-0226 Small Upper MTN Lake





W. Marshall Taylor Jr., Acting Director

Promoting and protecting the health of the public and the environment

February 23, 2014

To: SC Department of Natural Resources
PO Box 167
Columbia, SC 29202

FROM: Kristen Jones
2475 DHEC RD.
LANCASTER, SC 29720

RE: Re-inspection of Dam D-0209, Large Upper MTN. Lake Dam, Chester County

To Whom It May Concern:

On December 17, 2014, I conducted a re-inspection of the above referenced dam. I have enclosed a copy of my inspection report with correlating pictures taken from this dam.

Overall, the dam appears to be in POOR condition. Poor conditions are used when uncertainties exist as to critical analysis parameters, which identify a potential dam safety deficiency. Further investigations and studies are necessary. Please, review the contents of my inspection closely and make necessary adjustments listed in Section IV (Conclusions), for general comments and recommendations.

During my inspection, I found the downstream slope to have many issues. I feel that if not properly addressed the problems outlined below, will hinder the stability of the Dam. **Please address these concerns with corrective measures, in writing by Friday March 20, 2015.**

Concerns:

- the massive amount of erosion on the downstream slope
- debris on the downstream slope
- size of trees located on the downstream slope
- tress growing out of riser structure
- presence of wildlife (beavers)

If the above items are not sufficiently addressed by the time allowed this matter may be turned over to enforcement for additional actions.

A copy of the Emergency Notification Plan is enclosed, please update and send back to our office. Should the dam experience difficulty, the agencies listed on the Plan should be contacted and may be able to provide assistance.

Provisions in the S.C. Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of his dam to someone else. The notification must include the name and address of the new owner. I am enclosing a blank form for your use in notifying us should control of your dam be transferred.

You will be notified when the next re-inspection of this dam is scheduled, by the Department. Items listed on inspection report should be addressed before the next inspection. If you have any questions or comments, please call me at (803) 285-7461 or email me at joneskl@dhec.sc.gov.

Sincerely,

A handwritten signature in black ink, appearing to be 'Kristen Jones', written over a horizontal line.

Kristen Jones

Regional Engineer

Enclosures: Inspection Report, Site Pictures, Surveillance, Emergency Notification and Action Plan, Notification Form for
Ownership Change
Cc: File Room



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 0209 & Hazard Class C1 B. Name of Dam: Large Upper Mtn. Lake
C. Inspection Date 12/17/2014 & Time: D. Date of Last Inspection: 12/1/2010
E. Location-County/City: Chester / Chester F. EQC Regional Office: Lancaster EQC
G. Inspector's Name: Kristen Jones - Regional Engineer
H. Owner's Name: SC Department of Natural Resources
I. Contact Person (if different from above):
J. Dam Owner's or Contact Person's Phone Numbers: Home (803) 734 9100
Office () Other ()
K: Dam Owner's or Contact Person's mailing address:
Address 1 PO Box 167
Address 2 (optional)
City Columbia State SC Zip Code 29202

Section II (Dam Condition)

General Condition Assessment (Select one of the following):

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

Section III (Dam Inspection Checklist)

A. Dam Crest

- i. Vegetation (grass, trees weeds)? Road on crest of dam
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? road is in normal condition

Section III (Dam Inspection Checklist) continued

B. Upstream Slope

- i. Vegetation (grass, trees weeds)? Thick vegetation bottom of slope
- ii. Animal activity observed? yes, small trees have been clearly eaten by beavers
- iii. Any obvious alterations or repairs made? no
- iv. Erosion observed on upstream slope? signs of sliding off slope
- v. Settlement or cracks visible in slope? ruts caused by mowing

C. Down Stream Slope

- i. Vegetation (grass, trees weeds)? massive vegetation
- ii. Animal activity observed? beavers show signs of tree removal
- iii. Any obvious alterations or repairs made? no
- iv. Erosion observed on down stream slope? sliding, erosion
- v. Settlement or cracks visible in slope? massive cracks throughout sloughing in several areas
- vi. Toe drains flowing? yes
- vii. Any seepage observed? If so, describe location, flow rate, and any turbidity or color within the flow: no

D. Primary Spillway

- i. Any visible deterioration of structure? no
- ii. Is there an obvious need to repair or replace trash rack? no
- iii. Any noticeable problems with debris? yes, trees are growing out the trash rack of the weir structure
- iv. Is valve or gate present? no

E. Outlet Pipe

- i. Any water visibly flowing or leaking outside of the discharge pipe? yes, flowing not leaking
- ii. Describe any deflection or damage observed to the pipe: no
- iii. Visible condition of outlet channel: overall good condition some debris inside pipe

F. Auxiliary (Emergency) Spillway

- i. Noticeable obstructions to flow? vegetation in front of spillway
- ii. Animal activity observed? no
- iii. Any noticeable deterioration in the approach or discharge channel? no
- iv. Any visible deterioration of structure's crest? no

F. Auxiliary (Emergency) Spillway continued

v. If applicable, any observed exposure of rebar reinforcement? NO

vi. If applicable, any visible leakage below concrete spillway? NO

H. Downstream/Hazard Class Issues

i. Any noticeable changes immediately downstream of the dam that affects the hazard classification? NO

I. Emergency Action Plan (EAP)

i. Emergency Action Plan provided by owner? N/A

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)

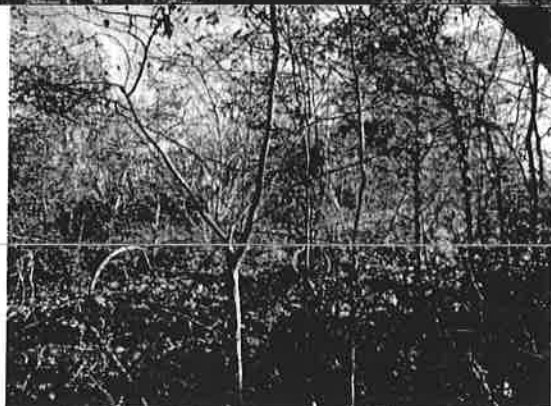
General comments and recommendations:

- cut vegetation on the upstream/downstream slopes
- fix the huts on upstream slope
- cut trees w/in 20 ft. of the toe of the dam
- remedy sloughing/erosion on downslope - stabilized
- Beaver present should be removed contact DNR for this activity
- clean out trees in riser structure
- possible seepage on downstream needs monitoring

Preliminary Dam Inspection Disclaimer:

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D-0209 Inspection Pictures 12/17/2014





W. Marshall Taylor Jr., Acting Director

Promoting and protecting the health of the public and the environment

February 23, 2014

To: Attn: Lynn Alexander
Lake Ashley HOA
1446 Carlisle White Rd.
Chester, SC 29706

FROM: Kristen Jones
2475 DHEC RD.
LANCASTER, SC 29720

Dear Mr. Alexander:

On December 17, 2014, I conducted a re-inspection of the above referenced dam. I have enclosed a copy of my inspection report with correlating pictures taken from this dam.

Overall, the dam appears to be in FAIR condition. This rating is assigned to dams where there is no existing safety deficiencies recognized for normal loading conditions. Please, review the contents of my inspection closely and make necessary adjustments listed in Section IV (Conclusions), for general comments and recommendations.

A copy of the Emergency Notification Plan is enclosed, please update and send back to our office. Should the dam experience difficulty, the agencies listed on the Plan should be contacted and may be able to provide assistance.

Provisions in the S.C. Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of his dam to someone else. The notification must include the name and address of the new owner. I am enclosing a blank form for your use in notifying us should control of your dam be transferred.

You will be notified when the next reinspection of this dam is scheduled, by the Department. Items listed on inspection report should be addressed before the next inspection. If you have any questions or comments, please call me at (803) 285-7461 or email me at joneskl@dhec.sc.gov.

Sincerely,



Kristen Jones

Regional Engineer

Enclosures: Inspection Report, Site Pictures, Surveillance, Emergency Notification and Action Plan, Notification Form for Ownership Change
Cc: File Room



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 0208 & Hazard Class C1 B. Name of Dam: Lake Ashley Dam
C. Inspection Date (12/17/2014) & Time: 1:30pm D. Date of Last Inspection: (12/22/2010)
E. Location-County/City: Chester, Chester F. EQC Regional Office: Lancaster EQC
G. Inspector's Name: Kristen Jones - Regional Engineer
H. Owner's Name: Lake Ashley Home Owners Association
I. Contact Person (if different from above): Lynn Alexander
J. Dam Owner's or Contact Person's Phone Numbers: Home (803) 385-2680
Office () -
Other () -
K. Dam Owner's or Contact Person's mailing address:
Address 1 1446 Carlisle White Rd.
Address 2 (optional)
City Chester State SC Zip Code 29706

Section II (Dam Condition)

General Condition Assessment (Select one of the following):

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

Section III (Dam Inspection Checklist)

A. Dam Crest

- i. Vegetation (grass, trees weeds)? Road
ii. Animal activity observed? no
iii. Any obvious alteration or repairs made? no
iv. Erosion noticed on crest? yes, cracks in the pavement of road on crest, please fix
v. Any visible settlement, misalignment or cracks? yes, cracks

Section III (Dam Inspection Checklist) continued

B. Upstream Slope

- i. Vegetation (grass, trees weeds)? massive vegetation
- ii. Animal activity observed? NO
- iii. Any obvious alterations or repairs made? NO
- iv. Erosion observed on upstream slope? yes, when mowing intended tire marks
- v. Settlement or cracks visible in slope? see pictures

C. Down Stream Slope

- i. Vegetation (grass, trees weeds)? massive vegetation, was unable to fully inspect down stream slope
- ii. Animal activity observed? N/A
- iii. Any obvious alterations or repairs made? N/A
- iv. Erosion observed on down stream slope? N/A
- v. Settlement or cracks visible in slope? N/A
- vi. Toe drains flowing? yes, see pictures
- vii. Any seepage observed? If so, describe location, flow rate, and any turbidity or color within the flow: N/A

D. Primary Spillway

- i. Any visible deterioration of structure? Structure needs to be cleaned + maintained
- ii. Is there an obvious need to repair or replace trash rack? N/A
- iii. Any noticeable problems with debris? yes, see pictures
- iv. Is valve or gate present? N/A

E. Outlet Pipe

- i. Any water visibly flowing or leaking outside of the discharge pipe? very small
- ii. Describe any deflection or damage observed to the pipe: small pipe
- iii. Visible condition of outlet channel: Fair

F. Auxiliary (Emergency) Spillway

- i. Noticeable obstructions to flow? vegetation
- ii. Animal activity observed? NO
- iii. Any noticeable deterioration in the approach or discharge channel? NO
- iv. Any visible deterioration of structure's crest? see pictures, some

F. Auxiliary (Emergency) Spillway continued

v. If applicable, any observed exposure of rebar reinforcement? N/A

vi. If applicable, any visible leakage below concrete spillway? N/A

H. Downstream/Hazard Class Issues

i. Any noticeable changes immediately downstream of the dam that affects the hazard classification? _____

No

I. Emergency Action Plan (EAP)

i. Emergency Action Plan provided by owner? provided please update and send back

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)

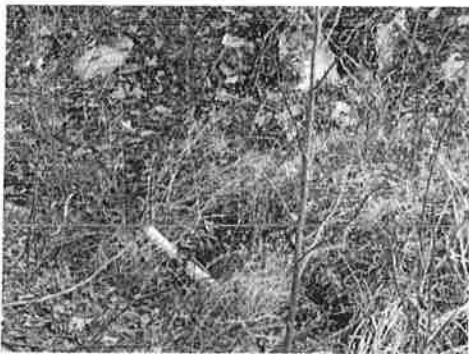
General comments and recommendations:

- * cut vegetation on the upstream slope, downstream slope and spillway.
- * cracks on the crest should be addressed
- * when cutting vegetation be aware of fire markings as they may impact dam stability
- * a change of ownership form has been included if ownership has been transferred
- * Please update the ~~Emergency~~ Emergency Action Plan provided and mail back to my office.

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.

D-0208 Lake Ashley Dam 12/17/2014





Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

Certified Delivery

June 23, 2014

Mr. Stephen White
1400 Pageland Hwy,
Lancaster, SC 29720

RE: Re-inspection of LANCASTER CO WTRWRKS DAM (D-1762), Lancaster County

Dear Mr. White:

On June 9, 2014, I conducted a re-inspection of the above referenced dam. An inspection report and photographs from this inspection are enclosed.

The overall condition for this dam is rated satisfactory. This rating is assigned to dams where no existing dam safety deficiencies are recognized for normal loading conditions, which may realistically occur. The dam appears to be structurally sound and well maintained. Please continue the maintenance steps that you have completed in the past years.

A copy of the DHEC Form 2606 – The Surveillance, Emergency Notification and Action Plan for South Carolina Regulated Dams is enclosed, and needs to be submitted to the office. Provisions in the S.C. Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of this dam to someone else. I have enclosed a blank form for your use in notifying us should control of your dam be transferred.

If you have any questions or comments regarding these requirements, please call me at (803) 285-7461 or email me at joneskl@dhec.sc.gov.

Sincerely,

Kristen Jones
Regional Engineer



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 1762 & Hazard Class C1
B. Name of Dam: Lancaster County Water & Sewer District
C. Inspection Date (6 / 9 /20 14) & Time: 2:30 PM
D. Date of Last Inspection: (11 / 25 / 2008)
E. Location-County/City: Lancaster / Lancaster
F. EQC Regional Office: Lancaster
G. Inspector's Name: Kristen Jones
H. Owner's Name: Lancaster County Water & Sewer District
I. Contact Person (if different from above): Mark Knight
J. Dam Owner's or Contact Person's Phone Numbers: Home () - Office (803) 285 - 6919 Other () -
K. Dam Owner's or Contact Person's mailing address: Address 1 P.O. Box 1009 Address 2 (optional) City Lancaster, State SC Zip Code 29720 -

Section II (Dam Condition)

General Condition Assessment (Select one of the following):

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

Section III (Dam Inspection Checklist)

A. Dam Crest

- i. Vegetation (grass, trees weeds)? Good Vegetation, well maintained
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

Section III (Dam Inspection Checklist) continued

B. Upstream Slope

- i. Vegetation (grass, trees weeds)? Good Vegetation, well maintained
- ii. Animal activity observed? No
- iii. Any obvious alterations or repairs made? No
- iv. Erosion observed on upstream slope? No
- v. Settlement or cracks visible in slope? No

C. Down Stream Slope

- i. Vegetation (grass, trees weeds)? Good Vegetation, well maintained
- 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? Yes
- vii. Any seepage observed? If so, describe location, flow rate, and any turbidity or color within the flow: None

D. Primary Spillway

- i. Any visible deterioration of structure? No
- ii. Is there an obvious need to repair or replace trash rack? No
- iii. Any noticeable problems with debris? Log sitting at the top of the spillway
- iv. Is valve or gate present? yes

E. Outlet Pipe

- i. Any water visibly flowing or leaking outside of the discharge pipe? No
- ii. Describe any deflection or damage observed to the pipe: None
- iii. Visible condition of outlet channel: Outlet looks to be in good condition

F. Auxiliary (Emergency) Spillway

- i. Noticeable obstructions to flow? No
- ii. Animal activity observed? No
- iii. Any noticeable deterioration in the approach or discharge channel? No
- iv. Any visible deterioration of structure's crest? No

- b) FAIR- No existing dam safety deficiencies are recognized for normal loading conditions. Rare or extreme hydrologic and/or seismic events may result in a dam safety deficiency. Risk may be in the range to take further action.
- c) POOR- A dam safety deficiency is recognized for loading conditions, which may realistically occur. Remedial action is necessary. A POOR condition is used when uncertainties exist as to critical analysis parameters, which identify a potential dam safety deficiency. Further investigations and studies are necessary.
- d) UNSATISFACTORY- A dam safety deficiency is recognized that requires immediate or emergency remedial action for problem resolution.
- e) NOT RATED- This should only be used if it is not possible to assess to dam's condition due to site constraints on visibility on the day of inspection. If vegetation is a problem the owner should be ordered perform maintenance to remove it before the next visit.

Section III (Dam Inspection Checklist):

This section is self-explanatory and guides the inspector through the inspection process. Follow the dam inspection checklist to complete the inspection. Mark any deficiencies observed during the inspection. If there were the deficiencies reported during the last inspection cycle check to see if they were corrected. If items are not applicable to the inspection of the dam, mark not applicable. If the dams has issues that are not covered in this section of the form make note of them in section IV.

Section IV(Conclusions):

Use the space to list additional responsible parties (dam owners) and issues found during the inspection that are not addressed in section III, as well as any general comments and recommendations generated during the inspection.

Office Mechanisms and filing: The form must be sent to the Dam's owner(s) and filed with the Bureau of Water, Dams and Reservoir Safety Program, before the end of the following month after which the inspections were performed. The report will be filed in the Bureau of Water's file room and will be retained for at least three years after the Department certifies the removal of the inspected dam.

F. Auxiliary (Emergency) Spillway continued

v. If applicable, any observed exposure of rebar reinforcement? No

vi. If applicable, any visible leakage below concrete spillway? No

H. Downstream/Hazard Class Issues

i. Any noticeable changes immediately downstream of the dam that affects the hazard classification? No changes

I. Emergency Action Plan (EAP)

i. Emergency Action Plan provided by owner? Will provide

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:

Dam well maintained, appears to be structurally sound

Vegetation is well kept, please continue the maintenance steps that you have completed in the past years.

Preliminary Dam Inspection Disclaimer:

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

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

Pictures Taken of Lancaster Reservoir D-1762 6/6/14



Well maintained Vegetation on the Upstream



Side banks well maintained



Concrete Spillway



Log on Spillway



Catherine E. Heigel, Director

Promoting and protecting the health of the public and the environment

Will need final
inspection of
removal

July 15, 2015

Mrs. Jennifer Belk White
8035 Talbot Trail
Lincoln, NE 68506

Mrs. Joan P. Belk
2014 Southwich Dr.
Houston, TX 77080

Re: Permit to remove the BELKS POND DAM (D 1766) in Lancaster County

Dear Mrs. Joan P Belk and Mrs. Jennifer Belk White;

The South Carolina Department of Health and Environmental Control (Department/DHEC) has reviewed your application for a permit to remove the BELKS POND DAM, together with plans prepared by Mr. Thomason, P.E. of CCAD and your application is approved. Enclosed is your permit NO. **29-0009**. This existing dam is classified as significant hazard by DHEC due to the likely damages that would result from its postulated failure or improper operation.

Please note the special provision in the permit that your engineer notifies DHEC in writing when construction is complete in accordance with the approved plans. Once notified, the Department will schedule a final inspection with your engineer. DHEC can only issue a Certificate of Operation or Completion based on satisfactory results of the final inspection.

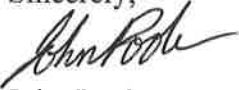
Please be aware that obtaining this permit from the Dams and Reservoirs Safety program does not obviate your requirement to obtain any other Federal, State or local assent that may be required.

This becomes final agency decision fifteen (15) calendar days after this letter has been mailed unless a written request for review and a filing fee in the amount of \$100 is filed with the Department. Enclosed you will find the South Carolina Board of Health and Environmental Control Guide to Board Review. This guide is pursuant to S.C. Code Ann. § 44-1-60 and went into effect May 8, 2014. This information is provided as a courtesy; parties are responsible for complying with all applicable legal requirements.

Please note the agency is under the provision of the Permit Extension Joint Resolution of 2013.

If you have any questions regarding the contents of this letter or the enclosed permit, please don't hesitate to contact me.

Sincerely,



John Poole, P.E.
Dams & Res. Safety Section
(803) 898-4212

Enclosures: Guide to Board Review
Permit NO. 29-0009

cc: - Timothy Thomason, P.E.- CCAD, LLC
Kristen Jones- Midlands EQC Lancaster office

CODE NO. 29-0009

NAME OF APPLICANT Jennifer Belk White & Joan Belk

EFFECTIVE DATE July 15, 2015

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

DAMS & RESERVOIRS SAFETY

PERMIT

Approval of plans and specifications for construction, enlargement, removal or repair of dams and reservoirs is required under provision of the "Dams and Reservoirs Safety Act" (Article 3, Chapter 11, Title 49 of the Code of Laws of S.C., 1976).

This permit constitutes approval for: Mrs. Joan P. Belk
2014 Southwich Dr.
Houston, TX 77080

to: remove the BELKS POND DAM (D 1766) in Lancaster County

GENERAL CONDITIONS:

1. That all activities identified and authorized herein including the approved plans and specifications shall be consistent with the terms and conditions of this permit; and that any activity performed in any manner inconsistent with the activities authorized herein shall constitute a violation of this permit, which may result in modification, suspension or revocation of this permit, in whole or in part, and the institution of such legal proceedings as the Department of Health and Environmental Control may consider appropriate.

2. That this permit may be summarily suspended, in whole or in part, upon a finding by the Department, or its authorized agents, that the work being constructed or as constructed is in variance with the herein approved plans and specifications or the terms of this permit. The Department may order, upon such finding of noncompliance, that the offending portion or portions of such structure be immediately removed or otherwise put into conformance with approved plans and specifications at the permittee's expense.

3. That this permit may be suspended or modified in whole or in part, upon a finding by the Department or its authorized agents, that such suspension or modification is deemed necessary to protect public health or safety. Any modification or suspension of this permit shall not be the basis for any claim of damages against the State of South Carolina.

4. That this permit does not convey, expressly or impliedly, any property in rights in real estate or material, nor any exclusive privileges; nor does it authorize the permittee to alienate, diminish, infringe upon or otherwise restrict the property rights of any other person or the public; nor shall this permit be interpreted as appropriating public properties for private use.

5. That the permittee shall permit the Department or its authorized agents or representatives to make periodic inspections at any time deemed necessary in order to assure that the activity being performed is in accordance with the terms and conditions of this permit.

6. That this permit does not obviate the requirement to obtain other Federal, State or local assent required by law for the activity authorized herein. Issuance of this permit does not, nor shall be interpreted as to, relieve the permittee/owner of the responsibility for maintaining such structure in a safe condition throughout the life of the structure. Nothing in this permit shall be construed to relieve an owner of a dam or reservoir of the legal duties, obligations or liabilities incident to the ownership of a dam or reservoir, nor shall an action against the State of South Carolina, its agencies or employees, lie by reasons of the issuance of this permit or the terms or conditions contained herein.

7. That the permittee agrees to maintain an authorized structure in good condition in accordance with approved plans and specifications throughout the life of such structure.

8. That it has been determined that this impoundment or water control structure is for the purpose(s) of Recreation.

9. That this impoundment or water control structure is located in Lancaster County as shown on the map submitted as part of the permit application which has been made a part of this permit. The Midlands EQC Lancaster office serves the area where this dam is located.

SPECIAL CONDITIONS:

1. That this permit shall be valid for a one (1) year term from the date of execution of this permit. The Joint Resolution suspends the running of the time period for approvals during the four year period from January 1, 2013 through December 31, 2016. For approvals issued between January 1, 2013 and December 31, 2016, the time period begins on January 1, 2017. A copy of this legislation, also referred to as H.3774, can be downloaded at http://www.scstatehouse.gov/sess120_2013-2014/bills/3774.htm for your review. Any request for extensions must be submitted in writing at least 30 days prior to expiration of the permit.

2. When construction is complete, the owner's engineer must notify DHEC in writing within 10 days that the dam has been properly constructed. DHEC will then schedule a joint inspection of the dam with the engineer. Once the final inspection is satisfactorily completed, DHEC will issue a Certificate of Operation or Completion.

This permit shall become effective on the date of the Section Representative's Signature.



Section Representative

July 15, 2015
Date

Copy filed with:

1. S.C. Department of Health and Environmental Control
2. Applicant

DHEC 2603(06/94)



C. Earl Hunter, Commissioner

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

January 21, 2010

CANE CREEK WCD DAM #16
MS. ANN CHRISTIE
NRCS
1771-A HWY 521 BYPASS SOUTH
LANCASTER, SC 29720

RE: Re-inspection of CANE CREEK WCD DAM #16, D 1785, Lancaster County

Dear MS. CHRISTIE:

On December 8, 2009, I conducted a re-inspection of the above referenced dam with Mr. Jayson Mas of the NRCS. Overall, the dam appears structurally sound. Please continue to control vegetation on the upstream and downstream slopes of the dam


An inspection report is enclosed.

A copy of the Emergency Notification Plan is enclosed for your use. Should the dam experience difficulty, the agencies listed on the Plan can provide assistance in possibly closing down stream roads or contacting down stream property owners. These agencies should be contacted in case if an emergency occurs.

Provisions in the S.C. Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of his dam to someone else. The notification must include the name and address of the new owner. I am enclosing a blank form for your use in notifying us should control of your dams be transferred.

You will be notified when the next re-inspection of this dam is scheduled.

Sincerely,


Greg Harrington
District Engineer

Cc: Susan Scott – File Room

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

Region 3

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

Lancaster EQC Office • 2475 DHEC Road • Lancaster, SC 29720 • Phone: (803) 285-7461 • Fax: (803) 285-5594 • www.scdhec.gov

NOTIFICATION OF OWNERSHIP CHANGE S.C. REGULATED DAM

The ownership of Dam **CANE CREEK WCD DAM #16, D 1785** in
(Name of Dam)

Lancaster County has changed. The new owner(s) are:

Owner 1 *:	
Address:	
City, State, Zip:	
Telephone Number:	
Owner 2: (If applicable)	
Address:	
City, State, Zip	
Telephone Number:	
Additional Owner (If applicable)	
Address:	
City, State, Zip:	
Telephone Number:	
* If owner is a corporation, give name of principal contact person:	_____
(Previous Owner's Signature)	
(Previous Owner's Name)	
Previous Owner's Address	
Mail Above Notification To:	S. C. Department of Health and Environmental Control Dams and Reservoirs Safety 2600 Bull St. Columbia, SC 29201
NOTE: Failure to notify the S.C. Department of Health and Environmental Control within 30 days of ownership transfer can result in a fine of \$ 100 - \$1000.	
DHEC 2605 (10/08)	

INSEPCION REPORT

Date: December 8, 2009	
Dam: D 1785	
Representatives of SCDHEC Present: Greg Harrington	
Others Present: Mr. Jayson Mas of the NRCS.	
Listed of noted deficiencies or items requiring correction/checking: On December 8, 2009, I conducted a re-inspection of the above referenced dam with Mr. Jayson Mas of the NRCS. Overall, the dam appears structurally sound. Please continue to control vegetation on the upstream and downstream slopes of the dam.	
List of previously noted items still uncorrected and dates previously noted:	
Emergency Action Plan Updated: X -Yes No	
	_____ Greg Harrington DHEC Person Completing Form
DHEC 2604 (10/08)	



C. Earl Hunter, Commissioner

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

January 21, 2010

CANE CREEK WCD DAM #7
MS. ANN CHRISTIE
NRCS
1771-A HWY 521 BYPASS SOUTH
LANCASTER, SC 29720

RE: Re-inspection of CANE CREEK WCD DAM #7, D 1784, Lancaster County

Dear MS. CHRISTIE:

On December 8, 2009, I conducted a re-inspection of the above referenced dam with Mr. Jayson Mas of the NRCS. Overall, the dam appears structurally sound. Please continue to control vegetation on the upstream and downstream slopes of the dam


An inspection report is enclosed.

A copy of the Emergency Notification Plan is enclosed for your use. Should the dam experience difficulty, the agencies listed on the Plan can provide assistance in possibly closing down stream roads or contacting down stream property owners. These agencies should be contacted in case if an emergency occurs.

Provisions in the S.C. Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of his dam to someone else. The notification must include the name and address of the new owner. I am enclosing a blank form for your use in notifying us should control of your dams be transferred.

You will be notified when the next re-inspection of this dam is scheduled.

Sincerely,


Greg Harrington
District Engineer

Cc: Susan Scott – File Room

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

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NOTIFICATION OF OWNERSHIP CHANGE S.C. REGULATED DAM

The ownership of Dam CANE CREEK WCD DAM #7, D 1784, in
(Name of Dam)

Lancaster County has changed. The new owner(s) are:

Owner 1 *:	
Address:	
City, State, Zip:	
Telephone Number:	
Owner 2: (If applicable)	
Address:	
City, State, Zip	
Telephone Number:	
Additional Owner (If applicable)	
Address:	
City, State, Zip:	
Telephone Number:	
* If owner is a corporation, give name of principal contact person:	_____
(Previous Owner's Signature)	
(Previous Owner's Name)	
Previous Owner's Address	
Mail Above Notification To:	S. C. Department of Health and Environmental Control Dams and Reservoirs Safety 2600 Bull St. Columbia, SC 29201
NOTE: Failure to notify the S.C. Department of Health and Environmental Control within 30 days of ownership transfer can result in a fine of \$ 100 - \$1000.	
DHEC 2605 (10/08)	

INSEPCION REPORT

Date: December 8, 2009	
Dam: D 1784	
Representatives of SCDHEC Present: Greg Harrington	
Others Present: Mr. Jayson Mas of the NRCS.	
<p>Listed of noted deficiencies or items requiring correction/checking: On December 8, 2009, I conducted a re-inspection of the above referenced dam with Mr. Jayson Mas of the NRCS. Overall, the dam appears structurally sound. Please continue to control vegetation on the upstream and downstream slopes of the dam.</p>	
List of previously noted items still uncorrected and dates previously noted:	
Emergency Action Plan Updated: <input checked="" type="checkbox"/> -Yes <input type="checkbox"/> No	
	Greg Harrington DHEC Person Completing Form
DHEC 2604 (10/08)	



D 1784

12/8/09

MC Henry



D 1784

12/8/09

MC Henry Z



C. Earl Hunter, Commissioner

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

January 21, 2010

CANE CREEK WCD DAM #18A
MS. ANN CHRISTIE
NRCS
1771-A HWY 521 BYPASS SOUTH
LANCASTER, SC 29720

RE: Re-inspection of CANE CREEK WCD DAM #18A, D 1786, Lancaster County

Dear MS. CHRISTIE:

On December 8, 2009, I conducted a re-inspection of the above referenced dam with Mr. Jayson Mas of the NRCS. Overall, the dam appears structurally sound. Please continue to control vegetation on the upstream and downstream slopes of the dam

An inspection report is enclosed.

A copy of the Emergency Notification Plan is enclosed for your use. Should the dam experience difficulty, the agencies listed on the Plan can provide assistance in possibly closing down stream roads or contacting down stream property owners. These agencies should be contacted in case if an emergency occurs.

Provisions in the S.C. Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of his dam to someone else. The notification must include the name and address of the new owner. I am enclosing a blank form for your use in notifying us should control of your dams be transferred.

You will be notified when the next re-inspection of this dam is scheduled.

Sincerely,


Greg Harrington
District Engineer

Cc: Susan Scott – File Room

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

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INSEPCION REPORT

Date: December 8, 2009	
Dam: D 1786	
Representatives of SCDHEC Present: Greg Harrington	
Others Present: Mr. Jayson Mas of the NRCS.	
Listed of noted deficiencies or items requiring correction/checking: On December 8, 2009, I conducted a re-inspection of the above referenced dam with Mr. Jayson Mas of the NRCS. Overall, the dam appears structurally sound. Please continue to control vegetation on the upstream and downstream slopes of the dam.	
List of previously noted items still uncorrected and dates previously noted:	
Emergency Action Plan Updated: X -Yes No	
	Greg Harrington
	DHEC Person Completing Form
DHEC 2604 (10/08)	

NOTIFICATION OF OWNERSHIP CHANGE S.C. REGULATED DAM

The ownership of Dam CANE CREEK WCD DAM #18A, D 1786 in
(Name of Dam)

Lancaster County has changed. The new owner(s) are:

Owner 1 *:	
Address:	
City, State, Zip:	
Telephone Number:	
Owner 2: (If applicable)	
Address:	
City, State, Zip	
Telephone Number:	
Additional Owner (If applicable)	
Address:	
City, State, Zip:	
Telephone Number:	
* If owner is a corporation, give name of principal contact person:	_____
(Previous Owner's Signature)	
(Previous Owner's Name)	
Previous Owner's Address	
Mail Above Notification To:	S. C. Department of Health and Environmental Control Dams and Reservoirs Safety 2600 Bull St. Columbia, SC 29201
NOTE: Failure to notify the S.C. Department of Health and Environmental Control within 30 days of ownership transfer can result in a fine of \$ 100 - \$1000.	
DHEC 2605 (10/08)	



C. Earl Hunter, Commissioner

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

January 21, 2010

CANE CREEK WCD DAM #10D
MS. ANN CHRISTIE
NRCS
1771-A HWY 521 BYPASS SOUTH
LANCASTER, SC 29720

RE: Re-inspection of CANE CREEK WCD DAM #10D, D 4060, Lancaster County

Dear MS. CHRISTIE:

On December 8, 2009, I conducted a re-inspection of the above referenced dam with Mr. Jayson Mas of the NRCS. Overall, the dam appears structurally sound. Please continue to control vegetation on the upstream and downstream slopes of the dam

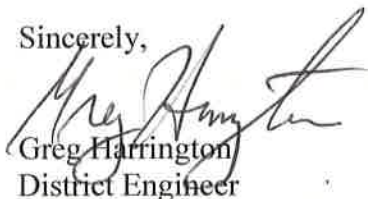
An inspection report is enclosed.

A copy of the Emergency Notification Plan is enclosed for your use. Should the dam experience difficulty, the agencies listed on the Plan can provide assistance in possibly closing down stream roads or contacting down stream property owners. These agencies should be contacted in case if an emergency occurs.

Provisions in the S.C. Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of his dam to someone else. The notification must include the name and address of the new owner. I am enclosing a blank form for your use in notifying us should control of your dams be transferred.

You will be notified when the next re-inspection of this dam is scheduled.

Sincerely,



Greg Harrington
District Engineer

Cc: Susan Scott – File Room

SOUTH CAROLINA DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

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INSEPTION REPORT

Date: December 8, 2009

Dam: D 4060

Representatives of SCDHEC Present: Greg Harrington

Others Present: Mr. Jayson Mas of the NRCS.

Listed of noted deficiencies or items requiring correction/checking:
On December 8, 2009, I conducted a re-inspection of the above referenced dam with Mr. Jayson Mas of the NRCS. Overall, the dam appears structurally sound. Please continue to control vegetation on the upstream and downstream slopes of the dam.

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

Emergency Action Plan Updated: X -Yes No

Greg Harrington
DHEC Person Completing Form



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

April 21, 2014

City of York
10 N Roosevelt Street

RE: Lower York Reservoir Dam (D-1222) **Routine Inspection Results**
Class 1, York County

Dear Mr. Montgomery:

The Department has the responsibility and authority to routinely inspect regulated dams. During the site visit on April 10, 2014, staff from the Bureau of Water met with you to perform a routine inspection of the above referenced dam. Inspection reports and photographs from this inspection are enclosed. The following issues were discovered during the inspection:

The overall condition for this dam is rated poor. This rating is assigned to the dam where uncertainties exist as to critical analysis parameters, which identify a potential dam safety deficiency. Remedial action is necessary and further analysis is required to determine the appropriate response measures. **Please address the comments below in writing by May 17, 2014.**

Comments:

1. A significant amount of vegetation needs to be removed from the top surface of the dam as well as both slopes, please address.
2. Removal of excess debris (stumps, tree limbs or brush) from all sides of the dam.
3. Evidence of sloughing was discovered on the downstream, please re-grade.
4. Evidence of harmful animals species tracks discovered on the crest of the dam. All animals should be removed from all areas surrounding the dam (See FEMA-473).
5. Possible seepage on the downstream, stability of this dam is in poor condition needs to be reinforced and stabilized, to avoid possible damage.

Additionally the DHEC Form 2606 – The Surveillance, Emergency Notification and Action Plan for South Carolina Regulated Dams needs to been submitted, it is enclosed.

If the above items are not sufficiently addressed by the time allowed, this matter will be turned over to enforcement for additional action and possible fines.

You will be notified when the next re-inspection of this dam is scheduled.

If you have any questions or comments regarding these requirements, please call me at (803) 285-7461 or email me at joneskl@dhec.sc.gov.

Sincerely,

A handwritten signature in cursive script that reads "Kristen Jones". The signature is written in black ink and is positioned above the typed name and title.

Kristen Jones
Regional Engineer



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 1222 & Hazard Class C1
B. Name of Dam: Lower York Reservoir Dam
C. Inspection Date (4 / 10 / 20 14) & Time: 12.30pm
D. Date of Last Inspection: (10 / 31 / 2008)
E. Location-County/City: York / York
F. EQC Regional Office: Lancaster
G. Inspector's Name: Kristen Jones/ Matthew Hauser
H. Owner's Name: City of York
I. Contact Person (if different from above): Terry Montgomery
J. Dam Owner's or Contact Person's Phone Numbers: Home (803) 684 - 7172
Office () - - - - -
Other () - - - - -
K. Dam Owner's or Contact Person's mailing address:
Address 1 10 N Roosevelt Strrey
Address 2 (optional)
City York, State SC Zip Code 29745 - - - - -

Section II (Dam Condition)

General Condition Assessment (Select one of the following):

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

Section III (Dam Inspection Checklist)

A. Dam Crest

- i. Vegetation (grass, trees weeds)? Not flushed, excess left over debris from cutting
ii. Animal activity observed? Yes, animal activity looks to be deer.
iii. Any obvious alteration or repairs made? No
iv. Erosion noticed on crest? Yes, needs to be addressed or stabilized.
v. Any visible settlement, misalignment or cracks? No

Section III (Dam Inspection Checklist) continued

B. Upstream Slope

- i. Vegetation (grass, trees weeds)? left over vegetation form cut
- ii. Animal activity observed? no
- iii. Any obvious alterations or repairs made? Base of dam needs to be monitored as starting to deteriorate.
- iv. Erosion observed on upstream slope? Yes, needs to be addressed
- v. Settlement or cracks visible in slope? no

C. Down Stream Slope

- i. Vegetation (grass, trees weeds)? Extreme on the and at the base
- ii. Animal activity observed? no
- iii. Any obvious alterations or repairs made? Clearing/Cutting needs to be better, does have a steep slope, however this needs to be better stabilized.
- iv. Erosion observed on down stream slope? Some sloughing on the downstream should be regraded and stabilized
- v. Settlement or cracks visible in slope? sloughing
- vi. Toe drains flowing? maybe clogged, clean out
- vii. Any seepage observed? If so, describe location, flow rate, and any turbidity or color within the flow: Yes, seepage on the downslope causing standing water on the spillway
No, change in color does not seem to be caring sediment at this time

D. Primary Spillway

- i. Any visible deterioration of structure? No
- ii. Is there an obvious need to repair or replace trash rack? No
- iii. Any noticeable problems with debris? Normal
- iv. Is valve or gate present? N/A

E. Outlet Pipe

- i. Any water visibly flowing or leaking outside of the discharge pipe? pipe is flowing could be cleaned out
- ii. Describe any deflection or damage observed to the pipe: Pipe maybe clogged
- iii. Visible condition of outlet channel: Needs to be cleaned around pipe

F. Auxiliary (Emergency) Spillway

- i. Noticeable obstructions to flow? No
- ii. Animal activity observed? No
- iii. Any noticeable deterioration in the approach or discharge channel? No
- iv. Any visible deterioration of structure's crest? No

F. Auxiliary (Emergency) Spillway continued

v. If applicable, any observed exposure of rebar reinforcement? n/a

vi. If applicable, any visible leakage below concrete spillway? no

H. Downstream/Hazard Class Issues

i. Any noticeable changes immediately downstream of the dam that affects the hazard classification? _____

Dam has treatment plant at the toe, seepage is creating ponding. Dam is across from highway matters should be addressed as could be loss of life.

I. Emergency Action Plan (EAP)

i. Emergency Action Plan provided by owner? Providing new EAP

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:

Dam is in need of extreme maintenance, stabilization, or supports.

Fix ruts in crest, removal of animals

Remove dead stumps and restablize

Remedy the sloughs on the slopes

Clean up broken limbs & branches from slopes

Possible seepage on downstream, needs to be monitored not very stable

Address possible leak from outlet pipe

Preliminary Dam Inspection Disclaimer:

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

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

b) FAIR- No existing dam safety deficiencies are recognized for normal loading conditions. Rare or extreme hydrologic and/or seismic events may result in a dam safety deficiency. Risk may be in the range to take further action.

c) POOR- A dam safety deficiency is recognized for loading conditions, which may realistically occur. Remedial action is necessary. A POOR condition is used when uncertainties exist as to critical analysis parameters, which identify a potential dam safety deficiency. Further investigations and studies are necessary.

d) UNSATISFACTORY- A dam safety deficiency is recognized that requires immediate or emergency remedial action for problem resolution.

e) NOT RATED- This should only be used if it is not possible to assess to dam's condition due to site constraints on visibility on the day of inspection. If vegetation is a problem the owner should be ordered perform maintenance to remove it before the next visit.

Section III (Dam Inspection Checklist):

This section is self-explanatory and guides the inspector through the inspection process. Follow the dam inspection checklist to complete the inspection. Mark any deficiencies observed during the inspection. If there were the deficiencies reported during the last inspection cycle check to see if they were corrected. If items are not applicable to the inspection of the dam, mark not applicable. If the dam has issues that are not covered in this section of the form make note of them in section IV.

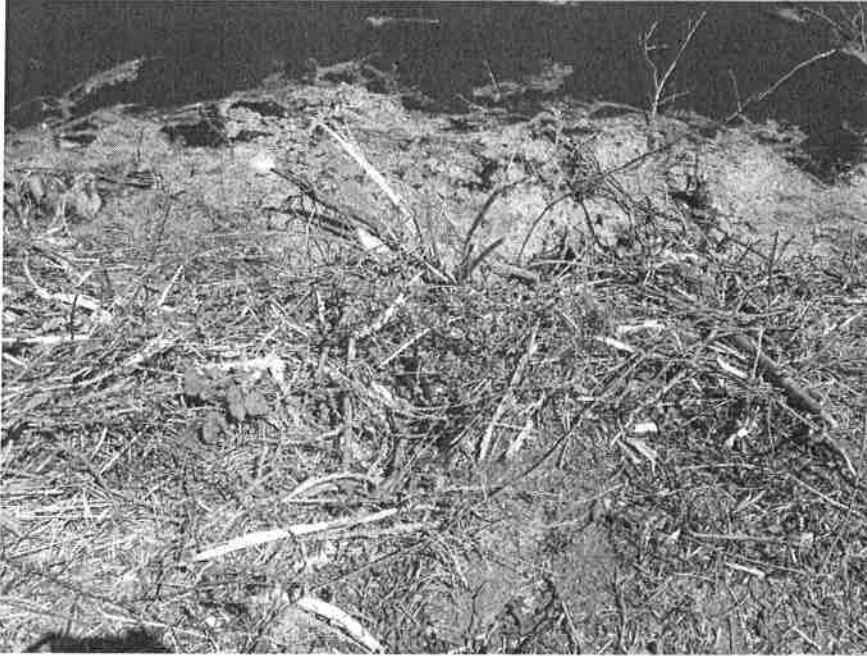
Section IV(Conclusions):

Use the space to list additional responsible parties (dam owners) and issues found during the inspection that are not addressed in section III, as well as any general comments and recommendations generated during the inspection.

Office Mechanisms and filing: The form must be sent to the Dam's owner(s) and filed with the Bureau of Water, Dams and Reservoir Safety Program, before the end of the following month after which the inspections were performed. The report will be filed in the Bureau of Water's file room and will be retained for at least three years after the Department certifies the removal of the inspected dam.

Lower York Reservoir Dam D-1222

Picture 1



Vegetation on the dam slopes needs to be properly and safely cut.

Picture 2



Clean up broken limbs and branches from entire Dam structure

Picture 3



Stump removal from slopes of dam, and then re-stabilize.

Picture 4



Presence of animals, please remove from Dam, maintenance to crest.

Picture 5



Instability, of crest

Picture 6



Evidence of sloughing on the downstream slope, sliding debris, seepage at the toe of the dam and the downstream this is causing standing water. Very close to highway, may flood in case of failure.



Catherine B. Templeton, Director

Promoting and protecting the health of the public and the environment

April 21, 2014

City of York
10 N Roosevelt Street

RE: Upper York Reservoir Dam (D-1227) Routine Inspection Results
Class 1, York County

Dear Mr. Montgomery:

The Department has the responsibility and authority to routinely inspect regulated dams. During the site visit on April 10, 2014, staff from the Bureau of Water met with you to perform a routine inspection of the above referenced dam. Inspection reports and photographs from this inspection are enclosed. The following issues were discovered during the inspection:

The overall condition for this dam is rated poor. This rating is assigned to the dam where uncertainties exist as to critical analysis parameters, which identify a potential dam safety deficiency. Remedial action is necessary and further analysis is required to determine the appropriate response measures. **Please address the comments below in writing by May 17, 2014.**

Comments:

1. Significant amount of vegetation needs to be removed from the crest of the dam as well as both slopes, please address.
2. Trees with 6" diameter or more should be removed around dam and re-stabilized.
3. Sloughing on slopes of the dam should be re-graded.

Additionally the DHEC Form 2606 – The Surveillance, Emergency Notification and Action Plan for South Carolina Regulated Dams needs to be submitted, it is enclosed.

If the above items are not sufficiently addressed by the time allowed, this matter will be turned over to enforcement for additional action and possible fines.

You will be notified when the next re-inspection of this dam is scheduled.

If you have any questions or comments regarding these requirements, please call me at (803) 285-7461 or email me at joneskl@dhec.sc.gov.

You will be notified when the next re-inspection of this dam is scheduled.

Sincerely,

Kristen Jones
Regional Engineer



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 1227 & Hazard Class C1 B. Name of Dam: Upper York Reservoir Dam

C. Inspection Date (4 / 10 / 2014) & Time: 12:45 pm D. Date of Last Inspection: (10 / 31 / 2008)

E. Location-County/City: York / York F. EQC Regional Office: Lancaster

G. Inspector's Name: Kristen Jones/ Matthew Hauser

H. Owner's Name: City of York

I. Contact Person (if different from above): Terry Montgomery

J. Dam Owner's or Contact Person's Phone Numbers: Home (803) 684 - 7172
Office () -
Other () -

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

Address 1 10 N Roosevelt Street

Address 2 (optional)

City York, State SC Zip Code 29745 -

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)? Lots of vegetation
- 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

Section III (Dam Inspection Checklist) continued

B. Upstream Slope

- i. Vegetation (grass, trees weeds)? Lots of vegetation
- ii. Animal activity observed? No
- iii. Any obvious alterations or repairs made? No
- iv. Erosion observed on upstream slope? No
- v. Settlement or cracks visible in slope? No

C. Down Stream Slope

- i. Vegetation (grass, trees weeds)? Lots of Vegetation, bolders
- 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? Yes
- vii. Any seepage observed? If so, describe location, flow rate, and any turbidity or color within the flow: No

D. Primary Spillway

- i. Any visible deterioration of structure? No
- ii. Is there an obvious need to repair or replace trash rack? Lots of big rocks
- iii. Any noticeable problems with debris? No
- iv. Is valve or gate present? Surrounded by debris

E. Outlet Pipe

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

F. Auxiliary (Emergency) Spillway

- i. Noticeable obstructions to flow? Major rocks, changing flow patterns
- ii. Animal activity observed? No
- iii. Any noticeable deterioration in the approach or discharge channel? No
- iv. Any visible deterioration of structure's crest? No

F. Auxiliary (Emergency) Spillway continued

v. If applicable, any observed exposure of rebar reinforcement? No

vi. If applicable, any visible leakage below concrete spillway? No

H. Downstream/Hazard Class Issues

i. Any noticeable changes immediately downstream of the dam that affects the hazard classification? _____

No changes monitoring of lower dam by highway

I. Emergency Action Plan (EAP)

i. Emergency Action Plan provided by owner? Providing EAP

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:

Major Vegetation, needs to be addressed.

Trees with 6" diameter or more should be removed

Preliminary Dam Inspection Disclaimer:

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

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

- b) FAIR- No existing dam safety deficiencies are recognized for normal loading conditions. Rare or extreme hydrologic and/or seismic events may result in a dam safety deficiency. Risk may be in the range to take further action.
- c) POOR- A dam safety deficiency is recognized for loading conditions, which may realistically occur. Remedial action is necessary. A POOR condition is used when uncertainties exist as to critical analysis parameters, which identify a potential dam safety deficiency. Further investigations and studies are necessary.
- d) UNSATISFACTORY- A dam safety deficiency is recognized that requires immediate or emergency remedial action for problem resolution.
- e) NOT RATED- This should only be used if it is not possible to assess to dam's condition due to site constraints on visibility on the day of inspection. If vegetation is a problem the owner should be ordered perform maintenance to remove it before the next visit.

Section III (Dam Inspection Checklist):

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Upper York Reservoir Dam D-1227

Picture 1



Vegetation on the dam slopes, needs to be properly and safely cut.

Picture 2



Trees 6" in diameter or more should be removed from dam

Picture 3



Extreme vegetation on the down slope needs to be removed.

Picture 4



Sloughing present throughout the slopes on the dam



South Carolina Department of Health
and Environmental Control

**CATAWBA DISTRICT
ENVIRONMENTAL QUALITY CONTROL**
Serving Chester, Lancaster, and York Counties

June 22, 2001

Mr. John McSwain
Lake McGregor, Inc.
379 Rattlesnake Road
Ridgeway, S.C. 29130

RE: Reinspection of Lake McGregoeer Dam, D-0207; Chester County

Dear Mr. McSwain:

On May 7, 2001, I conducted a reinspection of the above referenced dam. Overall the dam appears to be structurally sound, however please continue to maintain vegetative growth on the slopes of the dam.

A copy of the Emergency Notification Plan is enclosed for your use. Should the dam experience difficulty, the agencies listed on the Plan can provide assistance in possibly closing down stream roads or contacting down stream property owners. These agencies should be contacted in case of an emergency occurs.

Provisions in the S. C. Dams and Reservoirs Safety Act require the owner to notify us within 30 days after transferring title or control of his dam to someone else. The notification must include the name and address of the new owner. I am enclosing a blank form for your use in notifying us should control of your dams be transferred.

You will be notified when the next reinspection of this dam is scheduled.

Sincerely,

Joe S. Faris, Jr.
District Engineer

Enclosures

cc: Richard Yongue, Bur. of Water Fac. Compliance

Phone: 803-285-7461

P.O. Box 100
Fort Lawn, SC 29714

Fax: 803-285-5594

INSPECTION REPORT

Date May 7, 2001

Dam Lake McGregor Dam ,D 0207

Representatives of SCDHEC Present: Joe Faris, District Engineer

Representatives of Owner Present: None

Others Present: _____

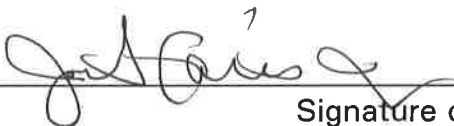
List of noted deficiencies or items requiring correction/checking:

Continue maintaning vegation and cutting trees smaller than 6" in diameter

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

Same

Emergency Action Plan Updated Yes No



Signature of Person Completing Form

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

_____ Date

The ownership of Dam D- 0207, Lake McGregor Dam in
(Name of Dam)
Chester County has changed. The new owner(s) are:

Owner 1* _____

Address _____

City, State, Zip _____

Telephone Number _____

Owner 2* _____
(if applicable)

Address _____

City, State, Zip _____

Telephone Number _____

Additional Owner* _____
(if applicable)

Address _____

City, State, Zip _____

Telephone Number _____

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

(Previous Owner's Signature)

Previous Owner's Name

Previous Owners Address

Mail Above Notification To:

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

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

DHEC 2605(6/94)

MOSES KOON & BRACKETT, PC

ATTORNEYS AND COUNSELORS AT LAW

1441 Main Street, Suite 400 (29201)
Post Office Box 100261
Columbia, South Carolina 29202-3261

Telephone (803) 461-2300
Facsimile (803) 461-2309

B. Michael Brackett
Direct Dial: (803) 461-2312
Email: mbrackett@mkb-law.com

June 15, 2005

Mr. Quinton Epps, Program Manager
Bureau of Water SCDHEC
401 Certifications, et al.
2600 Bull Street
Columbia, South Carolina 29201

Mr. Joe Faris, SCDHEC
Post Office Box 100
Fort Lawn, South Carolina 29714

**Re: NAVIGABILITY DETERMINATION FOR CHESTER RESERVOIR
LAKE MCGREGOR, INC. V. GRAHAM, ET AL.; 02-CP-12-028
Our File No. 010378.1**

Dear Mr. Epps and Mr. Faris:

This will confirm that each of you, and my client John McSwain, will meet at the Chester Reservoir next Wednesday, June 22, 2005, at 1:30 p.m. to inspect the Chester Reservoir, and the Sandy River in proximity to the reservoir, for purposes of determining navigability. Please let me know if there is any equipment you might need to assist you with this site visit.

I will furnish directions by separate correspondence so that we will have a common location to meet.

Very truly yours,


B. Michael Brackett

BMB/trh

cc: Lake McGregor, Inc. - Attention: Mr. John McSwain

RECEIVED

JUN 17 2005

CATAWBA DISTRICT
ENV. CONTROL