

MEETING NOTES

**SOUTH CAROLINA ELECTRIC & GAS COMPANY
SALUDA HYDRO PROJECT RELICENSING
LAKE AND LAND MANAGEMENT TWC**

**SCE&G Training Center
June 15, 2006**

Final ACG 7-5-06

ATTENDEES:

Alan Stuart, Kleinschmidt Associates
Alison Guth, Kleinschmidt Associates
Tommy Boozer, SCE&G
David Hancock, SCE&G
Ron Ahle, SCDNR
Dick Christie, SCDNR
Steve Bell, LW

Bill Argentieri, SCE&G
Rhett Bickley – Lexington County
Van Hoffman – SCE&G
Randy Mahan – SCANA Services
Bill Mathias – LMA and LMPS
Tom Eppink – SCANA Services

DATE: June 15, 2006

HOMEWORK ITEMS:

- Ron Ahle – to send Tommy Boozer and David Hancock Bank Erodability Index

**DATE OF NEXT MEETING: July 12, 2006 at 9:30 a.m.
Located at the Lake Murray Training Center**

INTRODUCTIONS AND DISCUSSION

Alan Stuart opened the meeting and noted that the group was working toward wrapping up the bank stabilization criteria. He explained that Tommy Boozer had an example to show the group on a checklist for bank stabilization. This was a homework item assigned to Boozer and David Hancock at a previous meeting. Boozer noted that the example handed out was developed for another lake, however, they would take the format and apply it to Lake Murray.

The group reviewed the example document. Ron Ahle made the suggestion of including a bank erodability index. He further explained that there is a formula that looks at the measurements of the bank itself and calculates the erodability index. Ahle noted that he would research the index and bring the information back to the group. Boozer asked that Ahle send it to them so that they could begin to review it. He also noted that in most cases the erodability index was something that the contractor would determine.

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The group moved to discussions on excavations and reviewed the current criteria. Hancock explained that currently the maximum amount they allow to be excavated is 150 cubic yards. He further explained that typically the average excavation increases depth 2 to 4 feet around the dock. Hancock noted that they typically try to get the docks to the 352' to 351' elevation. Ahle suggested using the LIDAR information to assist contractors in determining elevations.

The group decided that it would proceed by developing a list of Benefits and Impacts of excavations. The group developed the list below

Benefits:

- Improved Access
- Boating, Swimming, Fishing
- Happy Individuals
- Removes Loose Sediment
- \$\$\$ to homeowner
- Small scale

Impacts:

- Undeveloped area disturbance
- Disturbed fish spawning habitat
- Bank stabilization issues, vegetation impacts
- Alters cove water patterns
- Littoral zone alterations
- Boat traffic

Stuart asked the group if there was a safety component to be considered under the Benefits or the Impacts. There were different opinions expressed on whether excavations provided an increase in safety or had an impact to safety. The group continued to discuss the Benefits vs. the Impacts to excavations and Hancock pointed out that there was an issue of sand build up in the Lexington side of the Lake, and if excavations were not allowed, those areas would fill in.

Dick Christie noted, that from an ecological perspective, during excavations you are, in effect, taking a highly productive littoral zone and changing it to a less productive classification. Christie continued to explain that the littoral zone was important in that it is where spawning occurs, where reptiles and amphibians spend much of their time, where wading birds feed.

Once the group had concluded discussions on the Benefits and Impacts of excavations, the group then again began to review the current criteria. It was decided that excavations would take place below the 354' elevation unless otherwise approved by SCE&G in consultation with SCDNR. Boozer asked the group what would happen if an individual applied for a Corps permit that was above the 354' elevation in a site that is not appropriate for excavation above the 354', and should SCE&G object to it. Ahle noted that as well as SCE&G objecting to it, SCDNR would also object to it as it is not consistent with SCE&G's Shoreline Management Plan (SMP). Steve Bell asked what conditions are considered for allowing excavations to occur above the 354'. Ahle replied that the key is if there are significant ecological resources at the location. Hancock noted that currently

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if they have a site that is questionable that they do call SCDNR, and that they are not going to approve an excavation that the DNR does not approve. Ahle noted that, at the same time, they recognize that individuals need to have access to the Lake and that they will try to work with homeowners to the extent possible.

The group continued the interactive discussion and made changes to the document accordingly (Lake Murray Excavation document with changes attached below). After concluding discussion on this topic, Hancock reviewed the Shoreline Activities application with the group. The group did not pose any changes to the application and the group moved on to discuss Private Docks.

Boozer began this discussion by giving a presentation and a brief history of the SMP as it relates to private docks to the group. It was noted that since 1978 there has been an increase of about 5000 structures on the Lake, from the recorded 4,000 in the 1978 inventory. Boozer further noted that everything that was inventoried prior to the implementation of the SMP was grandfathered in, and that they have been working over the years with the homeowners to get those structures into compliance.

Boozer explained a little about the dock permitting process to the group and that SCE&G does have a standard dock that is allowed. As Boozer proceeded through the presentation the group reviewed the application together. In discussions on the vegetation agreement, it was noted that some changes will be made to include the new items decided upon in the group. It was noted that the group would review this document with the incorporated changes at the next meeting.

The group reviewed the dock diagram, and Boozer explained that the largest floating platform that SCE&G will permit is a 12' by 20'. Boozer further pointed out that they also only allow one boat lift per dock due to the large areas that boat lifts impact. He noted that SCE&G receives quite a few requests for jet ski lifts, and explained that he would like for this group to make a decision on how this should be handled in the future. Upon reviewing the slip type docks, Boozer noted that an individual had to have a minimum of 200 feet of shoreline to be eligible for this type of dock. He also noted that generally with this type of dock layout they require the boat lifts to be inside the slip.

Boozer concluded his presentation and noted that the next agenda item would be to review the General Requirements. Stuart asked the group if there were any issues with the dock permitting program as it currently exists. Bell replied that he would like to have more time to review the document with the other stakeholders that he represents. Boozer noted that as far as SCE&G is concerned, they feel comfortable with what is defined in the General Permit, however, they are open to discussion.

The group decided that they would briefly review the General Requirements, however they would leave the bulk of the discussion for the next meeting. A few concerns were brought up. Ahle noted he would like to see a deadline, such as 5 years, for dock applications for those lots who are eligible for a dock but have not yet applied for one. Hancock replied that there were not that many lots that have been guaranteed a dock and have not yet applied for it. He further noted that he did not see any benefit to placing a deadline in this instance because it would most likely promote a rush for permits that otherwise may not be applied for. Ahle replied that if there were not a large amount of

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areas that have been guaranteed a dock then it was probably not a large concern, if it was a large amount, however, it may raise more concerns.

The group shortly discussed the situation involving individuals that own land behind areas classified as Forest and Game Management. Ahle noted that this was an important issue to consider with their discussions on reclassification. In discussions on common docks, Boozer suggested that the group change the ownership rules that an individual has to have 75 feet of shoreline and only 2 people are allowed to share a common dock, instead of 4. The group agreed to these changes

The group decided that at the next meeting they would continue these discussions on the General Requirements, as well as review a few items in the shoreline management plan booklet. The next meeting date was scheduled for July 12th.

Document revisions and Agenda attached below:

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LAKE MURRAY EXCAVATIONS

At the time you applied for permission to excavate in front of your property at Lake Murray, you were advised of the Company's Shoreline Management Guidelines, and were requested to supply additional information required by the policy. If you are given approval by our Lake Management representative, it is imperative that the terms of the permit be adhered to, including the following requirements:

1. A non-refundable permitting fee of \$200.00 is required for the excavation permit, plus a \$500.00 deposit. The deposit is refundable upon request after final inspection and approval of the condition of the excavated shoreline.
2. A complete, detailed drawing (to scale) of the proposed excavation area must be provided. This must include contours, cross sections, width, length and depth, and the exact volume of earth in cubic yards to be removed. Also, the drawing must include and identify the location where the excavation dirt will be placed upon removal from site. If the dirt is to be totally removed from the shoreline area, this must be so stated. **The maximum volume of earth to be removed is 150 cubic yards.**
3. A recordable plat of the applicant's and adjacent property owners' property that will be affected by proposed excavation must be furnished.
4. Lake Management Department must be notified prior to commencement of work.
5. All displaced soil must be taken off site or otherwise stabilized above the 360 foot contour in accordance with SCE&G requirements if in Richland, Saluda and Newberry Counties, and in accordance with recommendations of the Lexington County Sediment Control Representative if in Lexington County.
6. A 4 to 1 slope is the maximum slope allowed.
7. All excavating must be done directly in front of the applicant's property and below the 354' contour, unless otherwise approved by SCE&G in consultation with SCDNR.
8. No excavation will be permitted in a wooded or vegetated area or other areas that may be identified by SCE&G in consultation with SCDNR. The protection of shallow water habitat must be considered at all times. A Lake Management representative will designate area to be excavated.
9. Excavation activities generally will not be allowed between **January 15 and October 1**. Exceptions may be granted by SCE&G based on hydrological or meteorological conditions. Permits are valid for one (1) year from the date of issue only. See date on approved permit.
10. Water must not cover the excavation site during excavation activities.
11. The contractor must have a copy of the approved permit and drawing while on the job site at all times.

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12. All excavation must be completed by using the following equipment: (1) dragline; (2) track backhoe; or other equipment approved by Lake Management personnel.

13. Lake Management Department must be notified upon completion of work.

Failure to comply with any of the above requirements will result in automatic suspension of the excavation permit, forfeit of the \$500.00 deposit, and may result in the cancellation of any shoreline permits.

Applicant acknowledges and accepts the above listed requirements, and further certifies that he/she possesses the authority to undertake the proposed activities. Applicant further certifies that he/she shall indemnify and hold harmless SCE&G from all liability however arising to any and all persons whomsoever, whether for personal injuries (including death) or otherwise, by reason of the construction upon lands and interests of SCE&G, and from any damage or injury resulting to any persons whomsoever from defects in or defective conditions of said construction.

South Carolina Electric & Gas Company

Applicant

Project Representative

Street

Date

City, State, Zip Code

Revised 7/23/03

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GENERAL REQUIREMENTS

Permits to construct, repair, modify, or replace boat docks, ramps, marine railways, boat lifts, water removal, limited brushing, rip-rap, and retaining walls must be obtained from SCE&G's Lake Management Department prior to the beginning of construction.

Dock construction shall not endanger health, create a nuisance, or otherwise be incompatible with overall Project recreation use.

A minimum lot width of 100 feet along the 360 contour is required before an individual residential dock application will be considered.

Lots measuring less than 100 feet in width in subdivisions established prior to 1989 where the adjacent lots have existing docks may be considered for limited size docks.

No watercraft exceeding 30 feet in length will be permitted to be permanently docked at a residential or common area dock.

Application Procedure for New Construction, Additions, or Replacements

The applicant will be required to apply to SCE&G in writing and submit the following:

1. Sketch showing location, design, and dimensions of the proposed structure.
2. Permitting fee
3. Specific direction by land to applicant's property on Lake Murray
4. Plat of applicant's property

All docks must be kept in good repair.

Private docks, whether permanent or floating may generally be up to 750 sq. feet in overall size and 75 feet in length provided they do not interfere with navigation or restrict access to adjoining property.

Floating docks attached to permanent docks may be moved out as the Lake level recedes provided they do not interfere with adjacent property owner's access.

Docks may be longer where conformity with existing structures would be practical and in cases where exception would be desirable due to curvature or slope of the shoreline.

All permitted docks must be built horizontally between the elevation of 360 and 362 foot contour.

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Docks must be located a minimum of 15 feet from adjacent property lines and the projected extension should not cross over the imaginary projected lot lines.

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The projection of the imaginary property line is a management tool to assist Lake Management Representatives and may be waived under certain circumstances.

Covers on docks are not permissible unless the covered portion is located within 15 feet of the 360 contour.

Hand railing is permissible provided the sides are not enclosed.

No sinks, toilets, showers, or fueling systems are permitted.

Flotation for floating docks must be encased or encapsulated flotation.

Docks must be single story structures.

Boatlifts connected to docks are allowable.

Common docks shall follow all of the guidelines described for private docks. Common docks may be permitted for two residential lots. Each property owner participating in a common dock must have a minimum of 75 feet along the 360 contour.

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Meeting Purpose:

To Develop Draft Criteria on Excavations for Inclusion in the Shoreline Management Plan. To Discuss and Review Criteria for Residential Dock Permits

Logistics:

Where: Lake Murray Training Center

When: June 15, 2006

Time: 9:30 AM to 3:00 PM

Meeting Agenda:

- **9:30 to 10:30** Begin Discussions on Criteria For Excavations
 - **10:30 to 10:40** **Break**
 - **10:40 to 11:30** Continued Discussion on Excavations and the Development of Draft Criteria to be Presented to the RCG
 - **11:30 to 12:00** **Lunch**
 - **12:00 to 12:30** Presentation on Docks – *Tommy Boozer and David Hancock*
 - **12:30 to 2:45** Development of Draft Criteria on Residential Dock Permits to be Presented to the RCG
 - **2:45 to 3:00** Develop List of Homework Assignments, Agenda and Date for Meeting
 Next
- Adjourn

No excavation activities will be allowed between **January 15 and October**

1. Permits are valid for one (1) year from the date of issue only. See date on approved permit.

Lake Management Department must be notified upon completion of work.

13. Displaced soil must be stabilized in accordance with SCE&G requirements if in Richland, Saluda and Newberry Counties, and in accordance with recommendations of the Lexington County Sediment Control Representative if in Lexington County. The work performed must not endanger health, create a nuisance or otherwise be incompatible with the overall project recreational use.

Failure to comply with any of the above requirements will result in automatic suspension of the excavation permit and forfeit of the \$500.00 deposit.