

SOUTH CAROLINA ELECTRIC & GAS COMPANY

RECREATION ASSESSMENT STUDY PLAN

FINAL

SALUDA PROJECT
(FERC NO. 516)

APRIL 28, 2006

Prepared by:

Kleinschmidt
Energy & Water Resource Consultants

SOUTH CAROLINA ELECTRIC & GAS COMPANY

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TABLE OF CONTENTS

1.0	PURPOSE OF THE STUDY	1
2.0	DATA COLLECTION	2
2.1	Recreation Site Inventory	5
2.2	Vehicle Counts.....	6
2.3	Additional Use Data Collection Efforts.....	7
2.4	Recreation Site Survey.....	7
2.5	Additional User Data Collection Efforts.....	8
3.0	ANALYSIS.....	10
3.1	Current Recreation Use Estimates	10
3.2	Future Recreation Use Estimates	10
3.3	Recreation Site Capacity.....	11
3.4	Recreation Site Use Density	11
3.5	Recreation Needs Assessment	12
4.0	REFERENCES	13
5.0	SCHEDULE.....	14

LIST OF TABLES

Table 2-1.	Recreation Assessment Study Plan Objectives and Efforts.....	3
Table 2-2.	Recreation Sites to be Assessed.....	5

LIST OF APPENDICES

- Appendix A – Site Inventory Form
- Appendix B – Recreation Site Questionnaires

SOUTH CAROLINA ELECTRIC & GAS COMPANY
RECREATION ASSESSMENT STUDY PLAN
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(FERC NO. 516)

1.0 PURPOSE OF THE STUDY

South Carolina Electric & Gas (SCE&G) has requested an assessment of existing and future recreational use, opportunities, and needs for the Saluda Project. The assessment is designed to provide information pertinent to the current and future availability and adequacy of recreation sites at Lake Murray and the lower Saluda River. This study plan is a portion of the overall recreation study plan and serves to identify current and potential recreational use, opportunities, and needs at the Project by addressing the following goals and objectives:

Goal 1: *Characterize existing recreational use of SCE&G's recreation sites on Lake Murray and the lower Saluda River. This will be accomplished by meeting the following objectives:*

- i. Identify recreation points, inventory the services and facilities offered at each, and assess the general condition of each site (including American with Disabilities Act [ADA] compliance).
- ii. Identify the patterns of use at each site (type, volume, and daily patterns of use).

Goal 2: *Identify future recreational needs relating to public recreation sites on Lake Murray and the lower Saluda River.¹ This will be accomplished by meeting the following objectives:*

- i. Estimate future recreational use of existing recreation sites.
- ii. Identify existing user needs and preferences, including perceptions of crowding at recreation sites.
- iii. Identify future needs for new recreation sites and facilities.

¹ Another study plan will assess the volume and locations of recreational boating on Lake Murray. Information collected during the Recreation Assessment will be used along with data from the boating study to help identify potential need for additional recreation sites on Lake Murray.

2.0 DATA COLLECTION

A combination of data collection efforts will be used to obtain the information necessary to address the study objectives. Table 2-1 identifies the information needed to address each objective and the data collection method that will be used. Both primary and secondary data will be required. Primary data will entail site inventories and assessments, counts of recreation site users, and user surveys. Secondary data will include U.S. Bureau of Census data, the South Carolina Statewide Comprehensive Outdoor Recreation Plan (SCORP), the Lower Saluda Corridor Plan and Update, the State Trails Plan, and other relevant literature. Additional input will be solicited from the Recreation Resource Conservation Group (RCG), operating as a focus group of experts, offering knowledge of the recreation resources and needs of the lake and river.

Table 2-1. Recreation Assessment Study Plan Objectives and Efforts

OBJECTIVES	INFORMATION NEEDED	SOURCE
<i>Goal 1: Characterize existing recreational use of recreation sites on Lake Murray and the lower Saluda River</i>		
Identify formal recreation sites, inventory the services and facilities offered at each, and assess the general condition and ADA compliance of each site	<ul style="list-style-type: none"> • Physical inventory of all boat ramps, grills, shelters, restrooms, parking capacity, etc., at each site • General assessment of site condition to include maintenance, basic rehabilitation needs, etc. • Visitors' assessment of site conditions • Identification of activities that occur at each site • ADA compliance assessment 	<ul style="list-style-type: none"> • Recreation Site Inventory • Survey of Recreation Site Users
Identify the patterns of use at each site (type, volume, and daily patterns of use)	<ul style="list-style-type: none"> • Use vehicle counts as proxy for people • Estimate of # people/vehicle • Estimate of # vehicles/site • Parking capacity • Visitation records for Dreher Island State Park • 2006 Regatta permit records for Lake Murray (assumes the permit application identifies recreation sites used as launching point of event) 	<ul style="list-style-type: none"> • Counts of Vehicles at Recreation Sites • Survey of Recreation Site Users - # of people per vehicle and length of visit • Recreation Site Inventory - # of parking spaces • South Carolina Parks, Recreation and Tourism (SCPRT) • South Carolina Department of Natural Resources (SCDNR)

OBJECTIVES	INFORMATION NEEDED	SOURCE
<i>Goal 2: Identify future recreational needs relating to public recreation sites on Lake Murray and the lower Saluda River</i>		
Estimate future recreational use of existing recreation sites	<ul style="list-style-type: none"> • Current inventory and use data from Goal 1 • Population projections for the project area • Recreational use trends 	<ul style="list-style-type: none"> • Results of Goal 1 • U.S. Bureau of Census Data • SC Division of Research & Statistics (Budget and Control Board) • Lower Saluda Corridor Plan / Update • SC Recreation Participation & Preference Study (USC, forthcoming) • SCORP or other literature
Identify existing user needs and preferences, including perceptions of crowding at recreation sites	<ul style="list-style-type: none"> • User preferences and opinions of needs and crowding at sites • Condition assessment 	<ul style="list-style-type: none"> • Survey of Recreation Site Users • Recreation Site Inventory
Identify future needs for new recreation sites and facilities	<ul style="list-style-type: none"> • Population projections • Recreation use trends • Expert focus group (stakeholders) knowledge of recreation resources and needs 	<ul style="list-style-type: none"> • SC Div. of Research & Statistics • SC Recreation Participation & Preference Study • SCORP • Recreation Management TWC and Recreation RCG

SCE&G recreation sites on Lake Murray and the lower Saluda River that will be included in this assessment include:

Table 2-2. Recreation Sites to be Assessed

LAKE MURRAY RECREATION SITES (SITE NUMBER)		LOWER SALUDA RIVER RECREATION SITES (SITE NUMBER)	
1.	Parksite (1-1)	1.	Gardendale (Saluda River Canoe Portage) (1-15)
2.	Shull Island/Larry Koon (1-2)	2.	Mett's Landing (1-10)
3.	Shull Island (1-2b)	3.	Saluda Shoals Park (1-9)
4.	Murray Shores (1-3)	4.	Mill Race
5.	River Bend (1-4)	5.	Confluence Area
6.	Sunset (1-5)		
7.	Rock Creek (1-6)		
8.	Hilton (1-7)		
9.	Dam (1-8)		
10.	Billy Dreher State Park (1-11)		
11.	Macedonia Church (1-12)		
12.	Higgins Bridge (1-13)		
13.	Kempson Bridge (1-14)		
14.	Bundrick Island (1-21)		
15.	Lake Murray Estates Park (1-22)		

The capacity, availability, and overall condition of existing recreation sites will be assessed through review of existing information and an on-site inventory (Section 2.1). Recreational use of SCE&G's public recreation sites (Table 2-2) during the peak recreation season² will be estimated using a combination of data including: vehicle counts, state park visitation records, counts of boaters (in one instance), and survey data, as described in Section 2.2 and 2.3. The survey effort is explained in Section 2.4. Methods for estimating recreational use are described in Section 3.0.

2.1 Recreation Site Inventory

Data on the types of activities supported, the parking capacity of recreation sites at the Saluda Project, and the land area each site encompasses will be obtained from two sources. First, existing information regarding recreation sites such as input from managing entities and existing GIS data layers will be referenced. Second, a site visit

² The peak recreation season for the Saluda Project is defined as April 1 through September 30. Use at recreation sites will be monitored from Memorial Day through September 30, 2006. Use that occurs during April and May will be estimated separately.

will be made to collect data on the type, number, and size of facilities (bathhouses/restrooms, parking areas, boat ramps, picnic shelters and tables, etc.) located at each site. The general condition of recreation facilities and a qualitative assessment of each site's compliance with the ADA will also be recorded. A copy of the inventory form is provided in Appendix A.

Upon completion of the inventory, all data will be uploaded into a GIS database. The database will be structured so that it can be used in a variety of formats (brochure, maps, web pages, etc.) and can be updated as recreation sites are modified, added, or changed in any way.

2.2 Vehicle Counts

Counts of vehicles will be conducted at 15 sites on Lake Murray and five sites on the lower Saluda River on a stratified random sample of 30 recreation days³ throughout the study period (Memorial Day to September 30). The sample of counts will be stratified by month and day type (week days, weekends, and holidays). It is assumed that most recreation activity occurs on weekend days and holidays. Because of this, the weekends and holidays are sampled at a higher rate than week days in order to focus data collection efforts on time periods when people are most likely to be at the Project. Days will be divided into morning and afternoon periods and will be sampled with equal probability. Each sample period will be six hours long.

A survey clerk will physically count the number of vehicles entering the park, the number of people within each vehicle (if possible), and whether or not there is a trailer associated with each vehicle. Vehicles will also be recorded as they exit each site. Sample dates at each site will occur on 3 holidays, 13 weekday and 14 weekend days.

³ The recreation day was defined as 6:30 am to 7:30 pm for each day type (weekday, weekend, and holiday).

2.3 Additional Use Data Collection Efforts

Vehicle counts will be used for all Lake Murray and lower Saluda River recreation sites with two exceptions, Dreher Island State Park and Bundrick Island. Visitation records for Dreher Island State Park will be obtained from the South Carolina Department of Parks, Recreation and Tourism (SCPRT), the managing entity. Dreher Island State Park is the only SCE&G recreation site that offers camping. Estimates of camping use at the park will be obtained from SCPRT.

Bundrick Island is a popular beach area used informally by boaters. There is no vehicular access for the public at this time. This site will be included in monitoring effort, however, the information collected will pertain to the number of boats pulled up on the beach, the number of people per boat, etc.

It is anticipated that information regarding South Carolina Department of Natural Resources' (SCDNR) boating event permits, which identify all boating events involving greater than 20 boats, will be available for use during this assessment. These permits will identify which, if any, of SCE&G's public recreation sites are commonly used as launching points for boating events on Lake Murray.

2.4 Recreation Site Survey

The preferences and perceptions of people using SCE&G's recreation sites are important inputs in management decisions regarding the adequacy and availability of existing recreation sites. Information from recreation site users will be obtained via an onsite survey during the recreation season (Memorial Day through September 30) which will be implemented concurrently during vehicle counts.

Exit surveys will be administered to collect user characteristics (origin, gender, age, group size, etc.), the type of land-based and water-based recreation activities individuals are participating in, length of stay, perceptions of crowdedness, and conditions of recreation sites at the Project. Similar to other sites, exit interviews will be

attempted with boaters using the beach at Bundrick Island. Boaters who remain on their vessels and never access the beach will not be interviewed.

The data collected will be used to provide a general picture of recreation use patterns, assist in the development of recreation use estimates at access sites, provide a social carrying capacity input for the assessment of capacity at recreation sites, assist in the evaluation of existing conditions at Project recreation sites, and identify existing and potential future recreation facilities needs. The survey will be pre-tested in the field prior to implementation and revisions will be incorporated as necessary. Two survey versions will be implemented – one for Lake Murray and one for the lower Saluda River. Draft questionnaires are provided in Appendix B.

Surveys will be administered in either randomly designated AM or PM, 6-hour sample period while counts at site entrances are ongoing.

All survey clerks will be trained as a means of quality control. Survey clerks will be provided with detailed information on the study schedule, appropriate materials to aid in data collection, and direction on appropriate interviewing techniques and attire. Interviewers will also be provided with an incentive for survey respondents to complete the survey. The survey will be implemented in English.

2.5 Additional User Data Collection Efforts

Waterfowl hunting typically occurs during the fall and winter months. Waterfowl hunters represent a unique group of users whose preferences and perceptions may differ from those using recreation sites during the summer months. The preferences and perceptions of waterfowl hunters will be identified through use of an expert panel of waterfowl hunters.

Kleinschmidt will work with the Recreation Management Technical Working Committee to identify waterfowl hunters who use Lake Murray to serve as an expert panel and speak for all waterfowl hunters using the lake. Approximately 7 to 10 hunters will be invited to participate in a group meeting, similar to a focus group, to identify the opportunities and needs of waterfowl hunters using SCE&G recreation sites. The information collected will be similar to that of the access site survey. Kleinschmidt will recruit the hunters, develop a meeting format and materials, and will conduct the meeting. It is anticipated that the meeting will occur during the 2006/2007 waterfowl hunting season.

Concern has been expressed about missing the April/May lake fishing season, the January-May trout fishing season on the river, and the April-May swimming/sunbathing rock use on the river (primarily college students). After 2006 data collection is complete, it will be determined by the Recreation RCG if additional months need to be assessed in Spring 2007.⁴

⁴ If additional data collection is required in 2007, data collection methods, results, and analyses will be provided in an addendum to this report, and reviewed by the Recreation RCG.

3.0 ANALYSIS

The following sections provide a description of the approach for estimating existing and future recreational use, recreation site capacity and use density percentages, and recreation needs.

3.1 Current Recreation Use Estimates

The weekday, weekend, and holiday average recreation days will be calculated for each Lake Murray and lower Saluda River recreation site utilizing the vehicle counts and recreation site survey data. The average number of people at each site within the morning and afternoon periods will be estimated within each day type and converted to a daily estimate. Daily estimates for each day type will be expanded to represent the study period (Memorial Day through September 30th) and summed for a total estimate for each recreation site. Total estimated use of Dreher Island State Park will be obtained directly from park visitation records.

Because vehicle counts during April and May are not scheduled, it is necessary to estimate the use occurring at SCE&G's recreation sites during those months in a different manner. The percent of use that occurs at Dreher Island State Park during April and May from the entire season (April through September) will be used as a proxy to estimate the volume of use occurring at other recreation sites during April and May. For example, if Dreher Island State Park records show that there are 100 visitors from April through September, and 20 percent of those visitors were recorded during April and May, then it will be assumed that all parks receive approximately 20 percent of total visitation during those months.

3.2 Future Recreation Use Estimates

Estimated projections of future recreation use at Lake Murray and the lower Saluda River will be developed using the average annual increase in population growth over the past 10 years, as reported by the Census Bureau or the State Division of Research and Statistics, for counties surrounding the Project. The estimates will be augmented with discussion of trends reported in the SCORP (2002) and the forthcoming SC Recreation Participation & Preference Study (USC). Estimated projections will be

provided for 5 year intervals to the term of the license, 50 years into the future (up to year 2060).

While it is acknowledged that future changes in the supply of recreation resources, either in their quantity, accessibility, and/or quality may influence future demand and use, the demand analysis undertaken for this study does not attempt to speculate on what these future changes might consist of or how they might specifically affect levels of use at Project facilities. Therefore, the demand analysis results should be viewed as a general guide of potential future recreation pressure developed for planning purposes only.

3.3 Recreation Site Capacity

For purposes of this study, the carrying capacity for a recreation site is defined as the number of vehicles and boat trailers that are able to be parked at a recreation site at one time, based on the number of available parking spaces associated with each site. For paved formal parking areas, this will be achieved by counting the number of designated parking spaces available at the recreation site. For informal, gravel parking areas, the number of available parking spaces for each recreation site will be estimated by measuring the area (in sq ft) available for parking and estimating the number of vehicles that could be parked at the location, if optimal space was utilized. These estimates will be based on parking capacity standards for vehicle length, width, and available turn around space.

3.4 Recreation Site Use Density

The average use density of recreation sites will be estimated by comparing the average observed number of vehicles at the sites on sampled weekday, weekend, and holiday days with the available parking capacity for each recreation site. The average observed number of vehicles divided by the parking capacity will provide an estimated use density for each site. Kleinschmidt will consult with park management at Dreher Island State Park regarding how they determine park capacities, and will report results according to their management strategies.

3.5 Recreation Needs Assessment

The need for recreation and site development or modification of existing recreation resources will be assessed based on the inventory, condition, and capacity assessment. The needs assessment will focus on the existing condition and user opinions of recreation sites, ADA compliance, and the ability of sites to meet current and anticipated future recreation demand pressures. Consideration will also be given to site opportunities and constraints, as well as, support facilities such as signage and maintenance. The need for new recreational sites, facilities, and shoreline will be determined through assessment of the information collected and the input of experts (stakeholders) on the Recreation RCG.

4.0 REFERENCES

South Carolina Department of Parks, Recreation and Tourism, Recreation, Planning and Engineering Office. 2002. South Carolina Statewide Comprehensive Outdoor Recreation Plan.

South Carolina Design Arts Partnership. 2000. Lower Saluda Scenic River Corridor Plan Update. Clemson, South Carolina. Prepared for the Lower Saluda Scenic River Advisory Council and the South Carolina Department of Natural Resources.

South Carolina Water Resources Commission, South Carolina Department of Parks, Recreation and Tourism, and Lower Saluda River Task Force. 1990. The Lower Saluda River Corridor Plan. Report #170. Columbia, South Carolina.

University of South Carolina. Forthcoming. South Carolina Recreation Participation & Preference Study.

5.0 SCHEDULE

The proposed schedule for completion of the Recreation Assessment is as follows:

TASK	DATE
Mobilization for field work (includes field clerk hiring, training, etc.)	April 2006
Survey development and pre-testing	April 2006 – May 2006
Survey clerk training and mobilization	April 2006 – May 2006
Data collection (includes counts and surveys and waterfowl group)	May 2006 – November 2006
Data entry, cleaning, and processing	Early October 2006
Conduct analyses	November 2006 – January 2007
Determine if Spring 2006 data collection is needed	December 2006
Submit draft report	January 2007
Client and RCG Review	February 2007
Finalize report	February/March 2007*

* If additional data collection is required in 2007, data collection methods, results and analyses, developed and assessed in cooperation with the Recreation RCG, will be provided in an addendum to this report.

APPENDIX A
SITE INVENTORY FORM

SCE&G Public Site Inventory Form

Inspected by: _____

Date: _____

Site Name: _____

Site Code: _____

Site Address: _____

City: _____

State: _____

Zip Code: _____

Facility Type:

_____ Primitive Camp

_____ Picnic Area

_____ Day Use

_____ Overlook Site

_____ Informal Site

_____ Launch Ramp

Road Access:

_____ Paved access..... # of lanes

_____ Unpaved access..... # of lanes

Operations:

_____ Manned

_____ Seasonal (From _____ To _____)

_____ Unmanned

_____ Year Round

_____ Fee (\$)..... (Site _____; Parking; _____)

Site Amenities:

#	Type	#	Type
_____	Picnic Tables	_____	Potable Water
_____	Grills	_____	Boat Fuel
_____	Firepit/ring	_____	Trash Cans
_____	Boat Pump Out	_____	Docks
_____	Trails (specify use _____: Miles _____)	_____	Playground
_____	Shelter	_____	Showers
_____	Designated Swim Area	_____	Concession
_____	Store	_____	Marina (# of slips _____)
_____	RV Dumping Station		

Parking Lots:

Type	Estimated # Paved	Estimated # Gravel	
ADA Spaces	_____	_____	_____ Spaces delineated?
Regular Spaces	_____	_____	_____ Curbs?
Vehicle & trailer spaces	_____	_____	

Sanitation Facilities:

	Flush	(ADA?)	Portable	(ADA?)	Showers	(ADA?)
Unisex	_____	(____)	_____	(____)	_____	(____)
Women	_____	(____)	_____	(____)	_____	(____)
Men	_____	(____)	_____	(____)	_____	(____)

Campground/Campsite:

	RV sites	Cabins	Tent sites	Primitive sites
# of sites	_____	_____	_____	_____
On site parking	_____	_____	_____	_____
Water front	_____	_____	_____	_____
ADA compliant	_____	_____	_____	_____

Boat Launch Facilities:

_____ Hard surface	_____ Unimproved	_____ # of Lanes
_____ Gravel	_____ Carry In	_____ Boat Prep Area?

Courtesy/Fishing Docks:

Courtesy/Fishing	Dimensions	ADA Compliant
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Signs:

#

Type

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Notes:

Picture Number From _____ To _____

APPENDIX B
RECREATION SITE QUESTIONNAIRES

Lake Murray Recreation Study Public Access Site Questionnaire

Clerk: _____	Site: _____	Date: _____	Time: _____ am/pm
RESPONDENT GENDER: <input type="checkbox"/> Male <input type="checkbox"/> Female	RESPONDENT REFUSED INTERVIEW: <input type="checkbox"/>		
NUMBER OF PEOPLE IN THE VEHICLE: _____	RESPONDENT DOES NOT SPEAK ENGLISH: <input type="checkbox"/>		
VEHICLE HAS A BOAT TRAILER: <input type="checkbox"/>	RESPONDENT IS NOT 18 YEARS OR OLDER: <input type="checkbox"/>		
RESPONDENT HAS BEEN INTERVIEWED AT THIS SITE PREVIOUSLY: <input type="checkbox"/>			

THE FIRST FEW QUESTIONS ASK ABOUT YOUR EXPERIENCE HERE TODAY

1. Including yourself, how many people are in your party today? *(Fill in blank.)*
 _____ people in party

2. What time did you arrive **at Lake Murray** today? *(Fill in blank.)*
 _____ am / pm

3. What is the primary recreation activity that you participated in today **at Lake Murray**?
(Read the list to respondents. Check only one main activity in the first column.)
 What other activities did you participate in today? *(Check all that apply in the second column. If boating or boat fishing are primary activities, skip to Question 5A.)*

Check only <u>one</u> main activity	Check all other activities	Types of Activities
		FISHING:
<input type="checkbox"/>	<input type="checkbox"/>	boat fishing
<input type="checkbox"/>	<input type="checkbox"/>	pier/dock fishing
<input type="checkbox"/>	<input type="checkbox"/>	bank fishing
		BOATING:
<input type="checkbox"/>	<input type="checkbox"/>	motor boating
<input type="checkbox"/>	<input type="checkbox"/>	pontoon/party boating
<input type="checkbox"/>	<input type="checkbox"/>	water skiing/tubing/other tow
<input type="checkbox"/>	<input type="checkbox"/>	jet skiing
<input type="checkbox"/>	<input type="checkbox"/>	sailing
<input type="checkbox"/>	<input type="checkbox"/>	canoeing/kayaking
<input type="checkbox"/>	<input type="checkbox"/>	windsurfing
		OTHER:
<input type="checkbox"/>	<input type="checkbox"/>	swimming
<input type="checkbox"/>	<input type="checkbox"/>	picnicking (cookout)
<input type="checkbox"/>	<input type="checkbox"/>	sunbathing
<input type="checkbox"/>	<input type="checkbox"/>	bicycling
<input type="checkbox"/>	<input type="checkbox"/>	camping
<input type="checkbox"/>	<input type="checkbox"/>	horseback riding
<input type="checkbox"/>	<input type="checkbox"/>	walking/hiking/backpacking
<input type="checkbox"/>	<input type="checkbox"/>	sightseeing
<input type="checkbox"/>	<input type="checkbox"/>	nature study/wildlife viewing
<input type="checkbox"/>	<input type="checkbox"/>	playground
<input type="checkbox"/>	<input type="checkbox"/>	other: _____
	<input type="checkbox"/>	None

7C. Are there any additional facilities needed **at this recreation site**? (Check one box.)

- YES
- NO (If no, skip to Question 8.)

7D. What do you recommend? (Do not read this list. Allow respondent to answer and check all that apply and/or fill in the blanks.)

<input type="checkbox"/> access road	<input type="checkbox"/> camping area	<input type="checkbox"/> rest rooms
<input type="checkbox"/> bank fishing area	<input type="checkbox"/> fish cleaning station	<input type="checkbox"/> signs & information
<input type="checkbox"/> boat dock	<input type="checkbox"/> fishing pier/dock	<input type="checkbox"/> swimming area
<input type="checkbox"/> boat fueling	<input type="checkbox"/> lighting	<input type="checkbox"/> trails
<input type="checkbox"/> boat launch	<input type="checkbox"/> parking lot	<input type="checkbox"/> trash cans
<input type="checkbox"/> boat pump outs	<input type="checkbox"/> picnic tables/shelter	<input type="checkbox"/> RV camping
<input type="checkbox"/> tent camping	<input type="checkbox"/> bilingual signs & information	
<input type="checkbox"/> other (please specify: _____)		

7E. Are there any other improvements that you would recommend for this site? (Check one box.)

- YES
- NO (If no, skip to Question 8.)

7F. What improvements do you recommend? (Fill in the blank.)

I HAVE JUST A FEW MORE QUESTIONS

8. Do you own a permanent or seasonal lakefront home or condominium **on Lake Murray**? What is your zip code? (Check one box and fill in the blank for zip code.)

- YES – Permanent Home → ZIP CODE: _____
- YES – Seasonal Home → ZIP CODE: _____
- NO - Non-lakefront resident → ZIP CODE: _____

9. In what year were you born? (Fill in blank.)

_____ YEAR

10. Do you have any additional comments about the recreation facilities at **Lake Murray**? (Fill in blank and be as specific as possible.)

THANK YOU FOR YOUR HELP! WE APPRECIATE YOUR TIME TODAY!

**Lower Saluda River Recreation Study
Public Access Site Questionnaire**

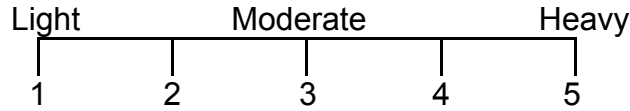
Clerk: _____	Site: _____	Date: _____	Time: _____ am/pm
Record Respondent Gender: <input type="checkbox"/> Male <input type="checkbox"/> Female	RESPONDENT REFUSED INTERVIEW: <input type="checkbox"/>		
NUMBER OF PEOPLE IN THE VEHICLE: _____	RESPONDENT DOES NOT SPEAK ENGLISH: <input type="checkbox"/>		
PLEASE INDICATE IF RESPONDENT HAS BEEN INTERVIEWED AT THIS SITE PREVIOUSLY: <input type="checkbox"/>			

THE FIRST FEW QUESTIONS ASK ABOUT YOUR EXPERIENCE HERE TODAY

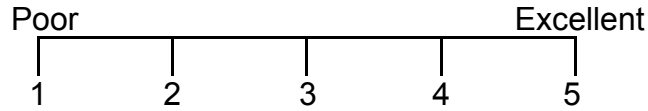
- Including yourself, how many people are in your party today? *(Fill in blank.)*
_____ people in party
- What time did you arrive **at the Lower Saluda River** today? *(Fill in blank.)*
_____ am / pm
- What is the primary recreation activity that you participated in today **at the Lower Saluda River**? *(Read the list to respondents. Check only one main activity in the first column.)*
What other activities did you participate in today? *(Check all that apply in second column.)*

Check only one main activity	Check all other activities	Types of Activities
		FISHING:
<input type="checkbox"/>	<input type="checkbox"/>	boat fishing
<input type="checkbox"/>	<input type="checkbox"/>	pier/dock fishing
<input type="checkbox"/>	<input type="checkbox"/>	wading fishing
<input type="checkbox"/>	<input type="checkbox"/>	bank fishing
		BOATING:
<input type="checkbox"/>	<input type="checkbox"/>	tubing/floating
<input type="checkbox"/>	<input type="checkbox"/>	flatwater canoeing/kayaking
<input type="checkbox"/>	<input type="checkbox"/>	whitewater canoeing/kayaking
<input type="checkbox"/>	<input type="checkbox"/>	rafting
		OTHER:
<input type="checkbox"/>	<input type="checkbox"/>	swimming
<input type="checkbox"/>	<input type="checkbox"/>	picnicking (cookout)
<input type="checkbox"/>	<input type="checkbox"/>	sunbathing
<input type="checkbox"/>	<input type="checkbox"/>	bicycling
<input type="checkbox"/>	<input type="checkbox"/>	camping
<input type="checkbox"/>	<input type="checkbox"/>	horseback riding
<input type="checkbox"/>	<input type="checkbox"/>	walking/hiking/backpacking
<input type="checkbox"/>	<input type="checkbox"/>	sightseeing
<input type="checkbox"/>	<input type="checkbox"/>	nature study/wildlife viewing
<input type="checkbox"/>	<input type="checkbox"/>	playground/spray park
<input type="checkbox"/>	<input type="checkbox"/>	dog walking
<input type="checkbox"/>	<input type="checkbox"/>	other: _____
	<input type="checkbox"/>	None

4. On a scale from 1 to 5, with 1 being light, 3 being moderate, and 5 being heavy, how would you rate the crowdedness **at this recreation site** today? (Circle one number.)



5. On a scale from 1 to 5, with 1 being poor and 5 being excellent, how would you rate the overall condition **of this recreation site** today? (Circle one number.)



6. Why did you choose to come to this site today? (Fill in the blank.)

7A. Are there any additional facilities needed **at this recreation site**? (Check one box.)

- YES
 NO (If no, skip to Question 8A.)

7B. What do you recommend? (Do not read this list. Allow respondent to answer and check all that apply and/or fill in the blank.)

<input type="checkbox"/> access road	<input type="checkbox"/> camping area	<input type="checkbox"/> rest rooms
<input type="checkbox"/> bank fishing area	<input type="checkbox"/> fish cleaning station	<input type="checkbox"/> signs & information
<input type="checkbox"/> boat dock	<input type="checkbox"/> fishing pier/dock	<input type="checkbox"/> swimming area
<input type="checkbox"/> picnic tables/shelter	<input type="checkbox"/> lighting	<input type="checkbox"/> trails
<input type="checkbox"/> boat launch	<input type="checkbox"/> parking lot	<input type="checkbox"/> trash cans
<input type="checkbox"/> RV camping	<input type="checkbox"/> sirens	<input type="checkbox"/> river level markers
<input type="checkbox"/> other (please specify: _____)		

7C. Are there any other improvements that you would recommend for this site? (Check one box.)

- YES
 NO (If no, skip to Question 8A.)

7D. What improvements do you recommend? (Fill in the blank.)

8A. Are you aware of a siren or flashing lights on **the Lower Saluda River**? (Check one box.)

- YES
- NO (If no, skip to Question 9.)

8B. What do you think they are for? (Fill in the blank. If respondent does not know, check this box)

8C. Including today, have you ever heard the siren or seen the flashing lights on the Lower Saluda River while visiting **this recreation site**? (Check one box.)

- YES
- NO (If no, skip to Question 9.)

8D. The last time you heard the siren or saw the lights at **this recreation site**, were you on or in the water when the siren sounded? (Check one box.)

- YES
- NO (If no, skip to Question 9.)

8E. What did you do? (Fill in the blank.)

I HAVE JUST A FEW MORE QUESTIONS

9. Do you own a permanent or seasonal home or condominium **on the Saluda River**? What is your zip code? (Check one box and fill in the blank for zip code.)

- YES – Permanent Home → ZIP CODE: _____
- YES – Seasonal Home → ZIP CODE: _____
- NO – Non-riverfront resident → ZIP CODE: _____

10. In what year were you born? (Fill in blank.)

_____ YEAR

11. Do you have any additional comments about the recreation facilities on **the Lower Saluda River**? (Fill in blank and be as specific as possible.)

THANK YOU FOR YOUR HELP! WE APPRECIATE YOUR TIME TODAY!