

**MEETING NOTES**  
**Stevens Creek Hydroelectric Project (FERC No. 2353)**

**Dominion Energy South Carolina, Inc.**  
**Recreation and Lake and Land Management RCG Meeting**

**November 13, 2019**

Final KMK 1-8-2020

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**ATTENDEES:**

|                               |                                    |
|-------------------------------|------------------------------------|
| Amy Bresnahan (DESC)          | Elizabeth Miller (SCDNR)           |
| Ray Ammarell (DESC)           | Chris Thomason (SCDNR)             |
| Randy Mahan (DESC)            | Jason Bettinger (SCDNR)            |
| Caleb Gaston (DESC)           | Paula Marcinek (GDNR)              |
| Alison Jakupca (Kleinschmidt) | Ed Betross (GDNR)                  |
| Kelly Kirven (Kleinschmidt)   | Keith Whalen (US Forest Service)   |
| Henry Mealing (Kleinschmidt)  | Derrick Miller (US Forest Service) |
| Jason Moak (Kleinschmidt)     | Tonya Bonitatibus (SRK)            |
| Jordan Johnson (Kleinschmidt) | Tony Hicks (homeowner)             |

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*These notes are a summary of the major points presented during the meeting and are not intended to be a transcript or analysis of the meeting.*

The purpose of the meeting was to review the draft Recreation Study Plan and discuss any additional study needs. The draft Recreation Study Plan was distributed to stakeholders prior to the meeting and is attached to the end of these notes.

Alison provided a brief overview of the draft Recreation Study Plan. The objectives of the study are to characterize existing use of the Project recreation sites and identify additional recreation needs at the Project. Recreation sites included in the study are Betty's Branch, Chota Drive, Fury's Ferry and Stevens Creek Recreation Site. Data collection measures will include site inventories, spot counts, traffic counters and recreation user surveys. The study season will start September 1, 2020 and end September 6, 2021 (Labor Day).

A summary of the major discussion points from the meeting are listed below.

- Derrick said that the Forest Service collected recreation use data on Forest Service lands. He will provide that data to Kelly.
- Tonya suggested modifying the spot count form to differentiate between vehicles with boat trailers and vehicles with kayak trailers/roof racks.
- Tonya noted that recreators are accessing the Savannah River at the Savannah Rapids Pavilion and paddling upstream to the Stevens Creek Project tailrace. She would like to see a trail camera installed at the Columbia County operated Savannah Rapids Park site to estimate this use.

- The Forest Service wants to focus on data collection at Fury's Ferry versus Chota Drive, since Fury's Ferry is identified in their Sustainable Recreation Strategy as a priority site. Spot counts and surveys will be collected periodically at Chota Drive. In addition, trail cameras will be installed at both Fury's Ferry and Chota Drive to get an idea of the type of use at these sites and to capture use during waterfowl hunting season at Fury's Ferry.
- The sampling window will be extended to occur from 7:00 AM to 8:00 PM to catch bank fisherman in the evenings.
- The Recreation User Survey will be modified to ask for a primary language, if the respondent does not speak English.
- A question will be added to the Recreation User Survey to identify target species for fishing/hunting.
- Additional activities will be added to the table in Question 3 of the Recreation User Survey, including Jet-Skiing, diving/scuba, bow-fishing/spear-fishing.
- Questions referencing recreation on islands on the Recreation User Survey will be modified to say "on or near" the islands.
- A map of the Project vicinity will be included for reference regarding Question 8 of the Recreation User Survey.
- Kleinschmidt will develop a draft sampling plan and distribute to the RCG for review.

Action items from the meeting are listed below.

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*ACTION ITEMS:*

- Kleinschmidt will incorporate edits to the draft Recreation Study Plan, Recreation User Survey, and Spot Count form and send back to RCG for review and comment.
- Kleinschmidt will develop a draft sampling plan and distribute to the RCG for review.
- Derrick will send Forest Service recreation data to Kelly.

# RECREATION STUDY PLAN

**STEVENS CREEK HYDROELECTRIC PROJECT  
(FERC No. 2535)**

*Prepared for:*

**Dominion Energy South Carolina, Inc.  
Cayce, South Carolina**

*Prepared by:*

**Kleinschmidt**

Lexington, South Carolina  
[www.KleinschmidtUSA.com](http://www.KleinschmidtUSA.com)

October 2019

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October 2019

**RECREATION STUDY PLAN**  
**STEVENS CREEK HYDROELECTRIC PROJECT**  
**(FERC No. 2535)**  
**DOMINION ENERGY SOUTH CAROLINA, INC.**

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**RECREATION STUDY PLAN**  
**STEVENS CREEK HYDROELECTRIC PROJECT**  
**(FERC No. 2535)**  
**DOMINION ENERGY SOUTH CAROLINA, INC.**

**1.0 INTRODUCTION**

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Dominion Energy South Carolina, Inc. (DESC) is the licensee of the Stevens Creek Hydroelectric Project (FERC No. 2535) (Project). The Project, which has an installed capacity of 17.28 megawatts (MW), is located in Edgefield and McCormick counties, South Carolina and Columbia County, Georgia, at the confluence of Stevens Creek and the Savannah River. The Project's dam is located approximately one mile upstream of the Augusta Diversion Dam, and approximately 13 miles downstream of the J. Strom Thurmond Dam. The Project occupies approximately 104 acres of federal lands within the Sumter National Forest, with three existing Project recreation sites located on federal land and managed through agreement with the U.S. Forest Service (Forest Service).

**2.0 PURPOSE OF THE STUDY**

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On November 22, 1995, FERC issued a 30-year license which is scheduled to expire on October 31, 2025. DESC intends to file an application for a new license with FERC on or before October 31, 2023. The Project is currently involved in a relicensing process which involves cooperation and collaboration between DESC, as licensee, and a variety of stakeholders including state and federal resource agencies, state and local government, non-governmental organizations (NGO), and interested individuals. DESC established a Recreation and Land Management Resource Conservation Group (RCG), with interested stakeholders to address Project issues related to recreation and land management. The RCG determined there was a need for a recreation study at the Project.

DESC is proposing to perform an assessment of existing and future recreational use, opportunities, and needs for the Project. The assessment is designed to provide information pertinent to the current and future availability and adequacy of DESC-owned and managed

recreation sites, Forest Service owned and managed recreation sites, and Columbia County, Georgia owned and managed recreation sites at the Project. The overall study plan objective is to identify current and potential recreation opportunities, use, and needs at the Project by addressing the specific goals and objectives listed below. Results from the study will be used to develop a new Recreation Management Plan (RMP) for the Project.

*Goal 1: Characterize the existing use of recreation sites at the Project. This will be accomplished by meeting the following objectives:*

- i. Identify recreation sites; inventory the services and facilities offered; and assess the general condition of each site (including whether the site provides barrier free access).
- ii. Identify patterns of use at each site (type, volume, and daily patterns of use).
- iii. Assess existing recreation sites located on federal land for consistency with Forest Service Sustainable Recreation Strategy.

*Goal 2: Identify future needs relating to public recreation sites at the Project. This will be accomplished by meeting the following objectives:*

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

### 3.0 STUDY AREA

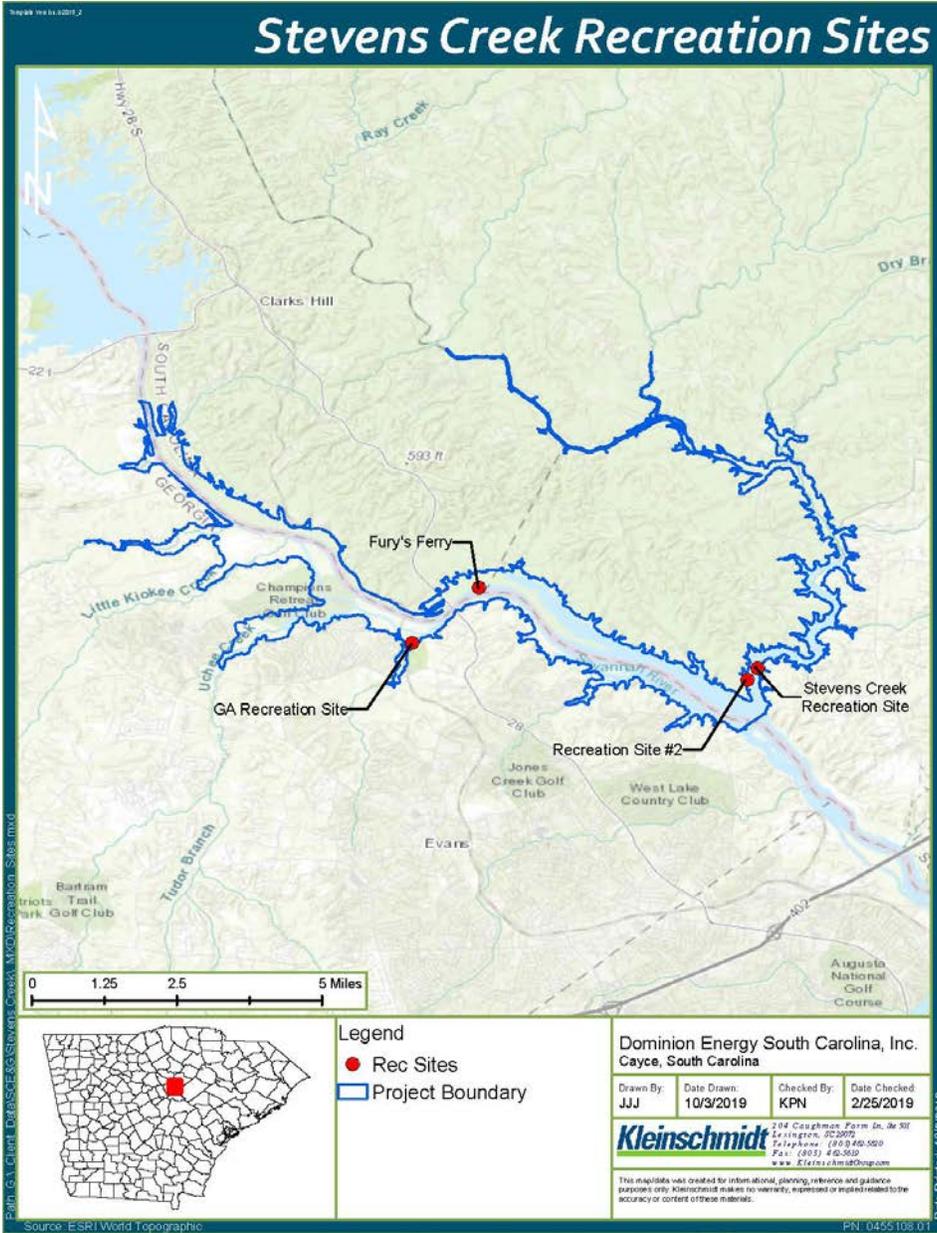
Recreation sites at the Project that will be included in this study are listed in Table 3-1 and shown in Figure 3-1.

**TABLE 3-1 EXISTING PROJECT RECREATION SITES AT THE STEVENS CREEK PROJECT<sup>1</sup>**

| RECREATION SITE NAME          | RECREATION SITE NAME AS LISTED IN 2014 RECREATION PLAN | RECREATION SITE NAME AS LISTED IN 1995 PROJECT LICENSE/EXHIBIT G DRAWINGS | RECREATION SITE OWNER/MANAGER |
|-------------------------------|--|---|-------------------------------|
| Stevens Creek Recreation Site | SC Recreation Site #1                                  | Stevens Creek Recreation Site   | DESC                          |
| Fury's Ferry Recreation Site  | SC Recreation Site #2                                  | Fury's Ferry Recreation Site  | Forest Service                |
| Chota Drive Recreation Site   | SC Recreation Site #4                                  | Recreation Site #2  | Forest Service                |
| Betty's Branch/Riverside Park | SC Recreation Site #5                                  | GA Recreation Site  | Columbia County, GA           |

Source: SCE&G 2014

<sup>1</sup> The 2014 Recreation Management Plan (RMP) includes an additional recreation site – Stevens Creek Recreation Site #3 (also known as Recreation Site #1 or the Mims Recreation Site). This site is located on Forest Service property and is maintained by the Forest Service. The Forest Service has decided that this recreation site is not in line with their Sustainable Recreation Strategy and will no longer be supported by the Forest Service. The Forest Service has asked that this site be removed from the RMP and therefore not be studied during relicensing.



**FIGURE 3-1 STEVENS CREEK PROJECT RECREATION SITES**

#### 4.0 STUDY SEASON

Generally, the study season will last for one year, beginning on September 1, 2020 and ending on September 6 (Labor Day), 2021. During this time, traffic counters will be deployed at all four recreation sites, collecting continuous data for one full year. Within this general study season, recreation user surveys and spot counts will be collected during the peak recreation season, from April 1, 2021 through Labor Day weekend or September 6, 2021.

#### 5.0 DATA COLLECTION METHODS

A variety of data collection techniques will be used to obtain the information necessary to meet the study objectives and goals listed in Section 2.0. Both primary and secondary data will be collected. Primary data will entail site inventories, spot counts, traffic counter data, and recreation user surveys. Primary data will be collected at each site as shown in Table 5-1.

**TABLE 5-1 DATA COLLECTION METHODS AT STEVENS CREEK RECREATION SITES**

| RECREATION SITE               | DATA COLLECTION METHOD |                 |                      |                              |
|-------------------------------|------------------------|-----------------|----------------------|------------------------------|
|                               | SITE INVENTORY         | SPOT COUNT      | TRAFFIC COUNTER DATA | RECREATION USER SURVEYS      |
| Stevens Creek Recreation Site | *                      | *               | *                    | *                            |
| Fury's Ferry Recreation Site  | *                      | *               | *                    | <i>Periodic</i> <sup>2</sup> |
| Chota Drive Recreation Site   | *                      | <i>Periodic</i> | *                    | <i>Periodic</i>              |
| Betty's Branch/Riverside Park | *                      | *               | *                    | *                            |

Commented [AJ1]: Game camera at chota; game camera at Fury's

Formatted: Font: Italic

Secondary data will include U.S. Bureau of Census data, the South Carolina Statewide Comprehensive Outdoor Recreation Plan (SCORP), SC Recreation Participation & Preference Study, and other relevant, readily available literature. Additional input will be solicited from the RCG, Columbia County, and Forest Service. Table 5-2 summarizes the study objectives,

<sup>2</sup> Recreation user surveys will be administered at Fury's Ferry and Chota Drive if recreation users are present during spot counts and/or traffic counter data download events.

information needed to meet these objectives, and sources for information. Sections 5.1 through 5.4 summarize the primary data collection methods.

**TABLE 5-2 RECREATION USE AND NEEDS STUDY PLAN OBJECTIVES AND EFFORTS**

| OBJECTIVES   | INFORMATION NEEDED   | SOURCE   |
|--|--|--|
| <i>Goal 1: Characterize existing recreational use of Project recreation sites</i>  |  |  |
| Goal 1a: 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"> <li>• Physical inventory of all facilities at each recreation site</li> <li>• General assessment of site condition to include maintenance, basic rehabilitation needs, etc.</li> <li>• Visitors' assessment of site conditions</li> <li>• Identification of activities that occur at each site</li> <li>• Barrier free/ADA compliance assessment</li> </ul> | <ul style="list-style-type: none"> <li>• Recreation Site Inventory</li> <li>• Recreation User Surveys</li> </ul>   |
| Goal 1b: Identify the patterns of use at each site (type, volume, and daily patterns of use)   | <ul style="list-style-type: none"> <li>• Utilize vehicle counts as an estimation of people</li> <li>• Estimate of # people/vehicle</li> <li>• Estimate of # vehicles/site</li> <li>• Parking capacity</li> </ul>   | <ul style="list-style-type: none"> <li>• Traffic Counter Data</li> <li>• Spot Count Data</li> <li>• Recreation User Surveys - # of people per vehicle and length of visit</li> <li>• Recreation Site Inventory - # of parking spaces</li> <li>• Columbia County/USFS data, if available</li> </ul> |
| Goal 1c: Assess existing recreation sites located on federal land for consistency with Forest Service Sustainable Recreation Strategy.                             | <ul style="list-style-type: none"> <li>• Results from Goal 1a and Goal 1b for recreation sites located on federal land</li> </ul>  | <ul style="list-style-type: none"> <li>• Forest Service input</li> <li>• Forest Service Sustainable Recreation Strategy</li> </ul>   |

| OBJECTIVES   | INFORMATION NEEDED   | SOURCE   |
|--|--|--|
| <i>Goal 2: Identify future recreational needs at the Project</i>   |  |  |
| Goal 2a: Identify existing user needs and preferences, including perceptions of crowding at Project recreation sites | <ul style="list-style-type: none"> <li>• User preferences and opinions of needs and crowding at sites</li> <li>• Condition assessment</li> </ul>                     | <ul style="list-style-type: none"> <li>• Recreation User Surveys</li> <li>• Recreation Site Inventory</li> </ul>   |
| Goal 2b: Estimate future recreation use of existing Project recreation sites   | <ul style="list-style-type: none"> <li>• Inventory and use data</li> <li>• Population projections for the project area</li> <li>• Recreational use trends</li> </ul> | <ul style="list-style-type: none"> <li>• Results of Goal 1</li> <li>• U.S. Bureau of Census Data</li> <li>• SC Division of Research &amp; Statistics (Budget and Control Board)</li> </ul> |

|   |  |  |
|---|--|--|
|   |  | <ul style="list-style-type: none"> <li>• SCORP, SC Recreation Participation &amp; Preference Study, or other readily available literature</li> </ul> |
| Goal 2c: Identify future needs for new recreation sites and/or facilities | <ul style="list-style-type: none"> <li>• Estimate of future recreation use at the Project</li> <li>• Parking capacity at recreation sites vs. existing and projected use density</li> <li>• Condition/perception assessment</li> </ul> | <ul style="list-style-type: none"> <li>• Results of Goal 1a, 1b, 2a, 2b,</li> <li>• Columbia County, USFS, and RCG input on future needs</li> </ul>  |

## **5.1 RECREATION SITE INVENTORY**

Prior to completion of a recreation site inventory, GPS points and land area of each recreation site will be collected and recorded. Then a recreation site inventory will be completed for each recreation site included in Table 3-1. A site visit will be made to collect data on the type, number, and size of facilities (restrooms, parking areas, boat ramps, picnic shelters and tables, etc.) located at each site. The general condition of all recreation facilities will be noted during the inventory. In addition, any facilities that qualify as barrier free will be identified as such. A copy of the inventory form is provided in Appendix A.

Upon completion of the inventory, all data will be uploaded into an Excel 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.

## **5.2 TRAFFIC COUNTS**

Traffic counters will be installed at all recreation sites included in Table 3-1 to record the number of vehicles that enter and exit the public recreation areas. Traffic count data will be collected for one year in order to capture use during the various seasons. Traffic counter data will be downloaded from the counter at a minimum of twice per month to ensure the counter is working properly and to minimize the potential for lost data.

## **5.3 RECREATION USER SURVEYS**

The preferences and perceptions of people using Project recreation sites weigh heavily into the determination of need for recreation site improvements and/or new recreation sites. Information from recreation site users will be collected through on-site surveys. Surveys will be conducted at recreation sites as shown in Table 5-1. Surveys may be collected at Chota Drive Recreation Site and Fury's Ferry Recreation Site when spot counts are completed and traffic counter data is downloaded. However, a recreation clerk will not be stationed at these sites.

Surveys will be administered to recreation site users at the close of their recreation day<sup>3</sup>. Data collected will include user demographics, group size, the type of land-based and water-based recreation activities individuals are participating in, length of stay, and perceptions of crowdedness and condition of recreation facilities at the Project. The data collected will be used to identify recreation use patterns and use estimates at the recreation sites. The data will also characterize user perceptions on crowdedness, which will be considered during the future needs analysis.

The survey will be pre-tested in the field prior to implementation and revisions will be incorporated, as necessary. If any significant revisions to the survey or study protocol are deemed necessary following field pre-testing, the RCG will be notified. A copy of the survey is provided in Appendix B.

Surveys will be administered during the peak recreation season from April 1 through Labor Day weekend, 2021. Each recreation site will be sampled according to a sampling plan that will be prepared in consultation with the RCG. Sampling days will include weekdays, weekends and peak use weekends<sup>4</sup>. The sampling plan will be developed using a stratified random sampling method, with weekends being sampled at a greater rate than weekdays to account for the heavier use that typically occurs on these days. During each sampling day, survey clerks will be on-site for a four-hour shift, collecting as many complete surveys as possible. The shifts will occur randomly throughout the day within the window of 7:00 AM to 7:00 PM. Shift start times will be listed in the sampling plan.

**Commented [AJ2]:** Change the shift to 8:00. Bank fisherman may be better captured during the week.

All survey clerks will be trained thoroughly 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.

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<sup>3</sup> FERC defines a recreation day as a visit by a person to a development for recreational purposes during any portion of a 24-hour period.

<sup>4</sup> FERC defined peak use weekends as weekends when recreation use is at its peak for the season (typically Memorial Day, Independence Day and Labor Day). All three days in a holiday weekend should be included.

## **5.4 SPOT COUNTS**

Spot counts will be conducted at the recreation sites listed in Table 3-1 once per sampling day, prior to the start of survey collection. Spot counts will document the number of vehicles present at a recreation site at one moment in time. Information recorded during spot counts will include: date, time, and weather; number of vehicles and vehicles with trailer at recreation site; type of activities observed at the site; and state license plate data. Spot count data will be used in parallel with traffic counter data.

## **6.0 ANALYSIS**

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

### **6.1 CURRENT RECREATION USE ESTIMATES**

The reported estimates of recreation will be presented in "recreation days". The FERC defines a recreation day as one visit by a person to a development for purposes of recreation during any 24-hour period. The weekday, weekend, and peak weekend average recreation days will be calculated for each recreation site utilizing the traffic counters 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 and summed for a total estimate for each recreation site.

### **6.2 FUTURE RECREATION USE ESTIMATES**

Estimated projections of future recreation use at the Project 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 Edgefield and McCormick counties, SC and Columbia County, GA. The estimates will be augmented with discussion of trends reported in the SCORP (2014) and the SC Recreation Participation & Preference Study (2005). Estimated

projections will be provided in 5-year intervals for the anticipated term of the license up to 50 years into the future (through year 2075).

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 predict 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.

### **6.3 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 can be parked at a recreation site at one time, based on the number of available parking spaces associated with each site. For paved parking areas, this will be achieved by counting the number of designated parking spaces available at the recreation site. For gravel parking areas, the number of available parking spaces for each recreation site will be estimated by measuring the area (sq ft) available for parking and estimating the number of vehicles that could be parked at the location, if optimal space were utilized. These estimates will be based on parking capacity standards for vehicle length, width, and available turn around space.

### **6.4 RECREATION SITE USE DENSITY**

The use density of recreation sites will be estimated by comparing the average observed number of vehicles at the sites on sampled weekday, weekend, and peak weekend 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. The average number of vehicles at the site will be determined using spot count and traffic counter data.

### **6.5 RECREATION NEEDS ASSESSMENT**

The need for recreation and site development or modification of existing recreation resources will be assessed based on the inventory, condition assessment results, parking capacity and use density assessment results, user survey results, and Forest Service consultation. The needs

assessment will focus on the existing condition and user opinions of recreation sites, the presence of "barrier free" facilities at recreation sites, and the ability of sites to meet current and anticipated future recreation demand. Consideration will also be given to site opportunities and constraints, as well as support facilities such as signage and maintenance. The need for new recreation sites and/or facilities will be determined through assessment of the information collected and the input of stakeholders through the RCG and the Forest Service.

## 7.0 SCHEDULE

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The proposed schedule for completion of the Recreation Use and Needs Study is as follows:

| TASK  | DATE                        |
|---|-----------------------------|
| Installation of Traffic Counters  | September 1, 2020           |
| Mobilization for field work (includes field clerk hiring, training, etc.) | March 2021                  |
| User survey pre-testing   | March 2021                  |
| User survey collection  | April 1 - September 6, 2021 |
| Data entry, cleaning, and processing                                      | October 2021                |
| Conduct analyses  | November – December 2021    |
| Submit draft report   | January 2022                |
| Determine if additional data collection is needed                         | February 2022 <sup>5</sup>  |
| Finalize report   | March 2022                  |

## 8.0 REFERENCES

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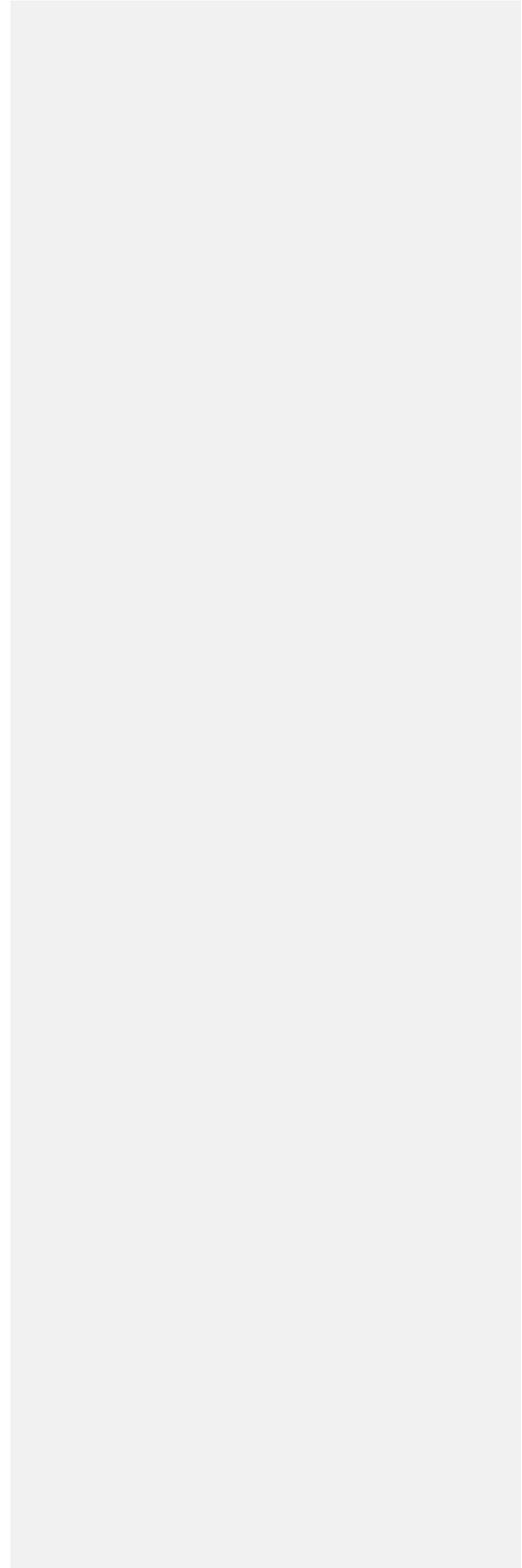
Federal Energy Regulatory Commission (FERC). 2018. 18 CFR Parts 8 and 141: Elimination of Form 80 and Revision of Regulations on Recreational Opportunities and Development at Licensed Hydropower Projects. Issued December 20, 2018.

South Carolina Electric & Gas Company (SCE&G). 2014. Revised Recreation Plan: Stevens Creek Hydroelectric Project, FERC Project No. 2535. January 2014.

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<sup>5</sup> If additional data collection is required, data collection methods, results and analyses will be developed and assessed in cooperation with the RCG and will be provided in an addendum to the report.

**APPENDIX A**  
**SITE INVENTORY FORM**



**APPENDIX B**  
**RECREATION USER SURVEY**

**APPENDIX C**  
**SPOT COUNT FORM**

**Recreation User Survey  
Stevens Creek Hydroelectric Project (FERC No. 2535)**

Clerk: \_\_\_\_\_ Site: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ am/pm  
 Weather:  Sunny  Partly Cloudy  Cloudy  Light Rain  Heavy Rain  
 RESPONDENT GENDER:  Male  Female RESPONDENT REFUSED INTERVIEW:   
 NUMBER OF PEOPLE IN VEHICLE: \_\_\_\_\_ RESPONDENT DOES NOT SPEAK ENGLISH:   
 VEHICLE HAS A BOAT TRAILER:  RESPONDENT IS NOT 18 YEARS OR OLDER:   
 RESPONDENT HAS BEEN INTERVIEWED AT THIS SITE PREVIOUSLY:

Commented [AJ1]: Ask for primary language -

**THE FIRST FEW QUESTIONS ASK ABOUT YOUR EXPERIENCE HERE TODAY**

Commented [AJ2]: Add a question regarding target species that they are fishing/hunting for.

- Including yourself, how many people are in your party today? *(Fill in blank.)*  
 \_\_\_\_\_ people in party
- What time did you arrive at this recreation site today? *(Fill in blank.)*  
 \_\_\_\_\_ am / pm
- What is the primary recreation activity that you participated in today at this recreation site? *(Please read the list to respondents. Check only one main activity in the first column.)*

What other activities did you participate in today at this recreation site? *(Check all that apply in the second column.)*

| 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"/>   | canoeing/kayaking                         |
| <input type="checkbox"/>            | <input type="checkbox"/>   | paddle-boarding                           |
|                                     |                            | OTHER:                                    |
| <input type="checkbox"/>            | <input type="checkbox"/>   | bicycling                                 |
| <input type="checkbox"/>            | <input type="checkbox"/>   | tent or vehicle 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"/>   | hunting                                   |
| <input type="checkbox"/>            | <input type="checkbox"/>   | nature study/wildlife viewing/photography |
| <input type="checkbox"/>            | <input type="checkbox"/>   | swimming                                  |
| <input type="checkbox"/>            | <input type="checkbox"/>   | picnicking                                |
| <input type="checkbox"/>            | <input type="checkbox"/>   | sunbathing                                |

Commented [AJ3]: Add Jet ski, diving/scuba, bow fishing/spear fishing

| Check only <u>one</u> main activity | Check all other activities | Types of Activities |
|-------------------------------------|----------------------------|---------------------|
| <input type="checkbox"/>            | <input type="checkbox"/>   | <b>other:</b> _____ |
|                                     | <input type="checkbox"/>   | <b>None</b>         |

4. Did you spend any time on the water today? (Check one box.)

- YES  
 NO (If no, skip to Question 6.)

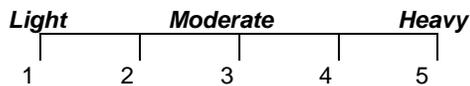
5A. Did you recreate on or near any of the islands today?

- YES  
 NO (If no, skip to Question 6.)

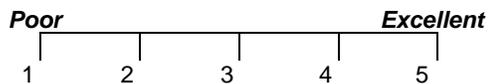
5B. What activities did you participate in **while on/near the island(s)**? (Do not read this list. Allow respondent to answer and check all that apply and/or fill in the blanks.)

|  |   |                                      |
|--|---|--------------------------------------|
| <input type="checkbox"/> sunbathing                                | <input type="checkbox"/> bank fishing   | <input type="checkbox"/> hunting     |
| <input type="checkbox"/> camping                                   | <input type="checkbox"/> walking/hiking | <input type="checkbox"/> sightseeing |
| <input type="checkbox"/> nature study/wildlife viewing/photography | <input type="checkbox"/> swimming       | <input type="checkbox"/> picnicking  |
| <input type="checkbox"/> other (please specify: _____)             |   |                                      |

6. 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.)



7A. 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.)



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

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

7C. 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"/> bank fishing area | <input type="checkbox"/> boat dock                     |
| <input type="checkbox"/> boat launch                   | <input type="checkbox"/> camping area      | <input type="checkbox"/> fish cleaning station         |
| <input type="checkbox"/> fishing pier/dock             | <input type="checkbox"/> lighting          | <input type="checkbox"/> parking lot                   |
| <input type="checkbox"/> picnic tables/shelter         | <input type="checkbox"/> restrooms         | <input type="checkbox"/> signs & information           |
| <input type="checkbox"/> swimming area                 | <input type="checkbox"/> trails            | <input type="checkbox"/> trash cans                    |
| <input type="checkbox"/> RV camping                    | <input type="checkbox"/> tent camping      | <input type="checkbox"/> bilingual signs & information |
| <input type="checkbox"/> other (please specify: _____) |  |  |

7D. Are there any other improvements that you would recommend for this site?

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

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

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8. What other lakes do you recreate at? (Fill in blank.)

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**Commented [AJ4]:** May want to edit this question. Or include a map of the area where people pinpoint the spots that they use.

9. What is your zip code? \_\_\_\_\_

10. In what year were you born? \_\_\_\_\_

11. Do you have any additional comments about the recreation facilities at this recreation site? (Please fill in blank and be as specific as possible.)

**Commented [AJ5]:** Or lack thereof

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