

MEETING NOTES

**SOUTH CAROLINA ELECTRIC & GAS COMPANY
Recreation TWC Meeting**

October 6, 2016

Final ACJ 10-28-16

ATTENDEES:

Bill Argentieri (SCE&G)
Ray Ammarell (SCE&G)
Beth Trump (SCE&G)
Brandon Stutts (SCANA)
Caleb Gaston (SCANA)
Randy Mahan (SCE&G)
Dan Adams (SCE&G)
Brandon McCartha (SCE&G)

Bill Marshall (SCDNR)
Dick Christie (SCDNR)
Gerrit Jobsis (American Rivers)
Jeff Carter
Billy Hendrix
Alison Jakupca (Kleinschmidt)
Henry Mealing (Kleinschmidt)

These notes are a summary of the major points regarding the Recreation Use and Needs Study presented during the meeting and are not intended to be a transcript or analysis of the meeting.

Alison Jakupca opened the meeting and noted the following goals for the TWC meeting:

- Review the results of the 2015/2016 Recreation Use and Needs Study (RUNS) as presented in the draft RUNS report.
- Review any TWC comments necessary to finalize the RUNS report.
- Create a list of measures, supported by RUNS study results, the TWC feels that SCE&G should consider as PM&E measures for the Settlement Agreement.

Alison provided the group with a presentation reviewing the Parr and Monticello RUNS study results. The presentation has been attached to these meeting notes for reference. The group discussed each recreation area included in the study and the use and user opinions documented for each site. Dick Christie noted that the use numbers documented in the study report appear to be higher than what may actually be occurring at the Project. Alison noted that the recreation days reported in the RUNS report were likely over-estimates due to the FERC-accepted methodology used to estimate recreation days. Traffic counter data, which was used to estimate recreation days, counts every vehicle that enters a site, even if that vehicle is just passing through and the individual(s) is not staying to recreate at the facility. This has the potential to provide high "use" numbers, especially at the sites with easy road access or double entrances/exits. Dick also added that there was very little detail in the report regarding the ADA/barrier free status of the facilities. Barrier free access information will be added into the RUNS report prior to finalizing it (action item). Several other TWC members provided additional report edits that will be captured in the final report.

Although each recreation site was discussed and assessed for potential enhancement needs as presented below, there was extended discussion regarding the Enoree River Bridge Informal Access Area. This area is, in large part, located outside the Project boundary. TWC members emphasized the importance of this site for paddlers and the poor condition of this site as it currently exists. TWC members asked SCE&G to consider ways to support the effort to improve this site. SCE&G stated that development of this site would have to involve agreement by the U.S. Forest Service. Individual site recommendations by the TWC are further detailed below:

Monticello Reservoir:

Scenic Overlook:

- Lighting
- Additional Fishing Pier
- Additional Picnic Tables

Highway 215 Boat Ramp:

- Lighting on/near the dock and boat ramp
- Improve or repair existing boat dock

Highway 99 Informal Access Area:

- Fishing Pier
- Benches
- Picnic Tables
- Restroom (? - may not be possible due to access to utilities)
- Lighting (?)

Highway 99 Boat Ramp

- Improvement to boat ramp in cove – lower end of boat ramp drops off
- Year-round access to restrooms
- Lighting on ramp
- Fishing pier (SCDNR recommendation)

Recreation Lake:

- Regular maintenance and upkeep
- No new facilities or improvements recommended

Parr Reservoir:

Cannon's Creek:

- Boat ramp expansion and/or improvement
- Restroom improvements
- Fishing pier
- Courtesy dock
- Additional lighting

Heller's Creek:

- Boat ramp expansion or improvement to make more useful at low water
- Restroom improvements
- Fishing pier
- Courtesy dock
- Additional lighting

Highway 34 Primitive Ramp:

- Improve grading and boat launch
- Parking area improvements
- Remove large trees that hinder vehicle access to ramp

Enoree River Bridge Informal Access Area (non-Project):

- SCE&G to determine where Project boundary ends and work with the USFS to see if there are ways to improve access
- Non-motorized boat access - canoe/kayak step down facility
- Turn-around area
- Parking for 6 vehicles

Broad and Enoree River Waterfowl Areas:

- No new facilities or improvements recommended

Although not included in the RUNS study, the TWC discussed plans to bring the temporary downstream canoe portage around Parr Shoals Dam into the Project boundary as a formal facility. Bill noted that SCE&G plans to include the canoe portage in the Recreation Management Plan submitted to FERC as part of the new license.

SCE&G staff noted that they would review the list of PM&E measures developed for each recreation site to determine feasibility. Subsequent discussions on site improvements will take place with the TWC after SCE&G's review. Kleinschmidt will incorporate a "barrier free" assessment into the final RUNS report, along with other edits provided by the TWC. Once edits are incorporated a final report will be issued to the TWC and RCG.

The meeting adjourned and action items are listed below.

ACTION ITEMS:

- Kleinschmidt will prepare meeting notes for distribution to the TWC.
- SCE&G to review list of TWC recommended enhancement measures to determine feasibility.
- Kleinschmidt will include "barrier free" assessment in the final RUNS report.
- Kleinschmidt will incorporate edits provided by TWC members into RUNS report and finalize.

Parr Hydroelectric Project – Recreation Use and Needs Study

Draft Study Report Review Meeting

October 6, 2016

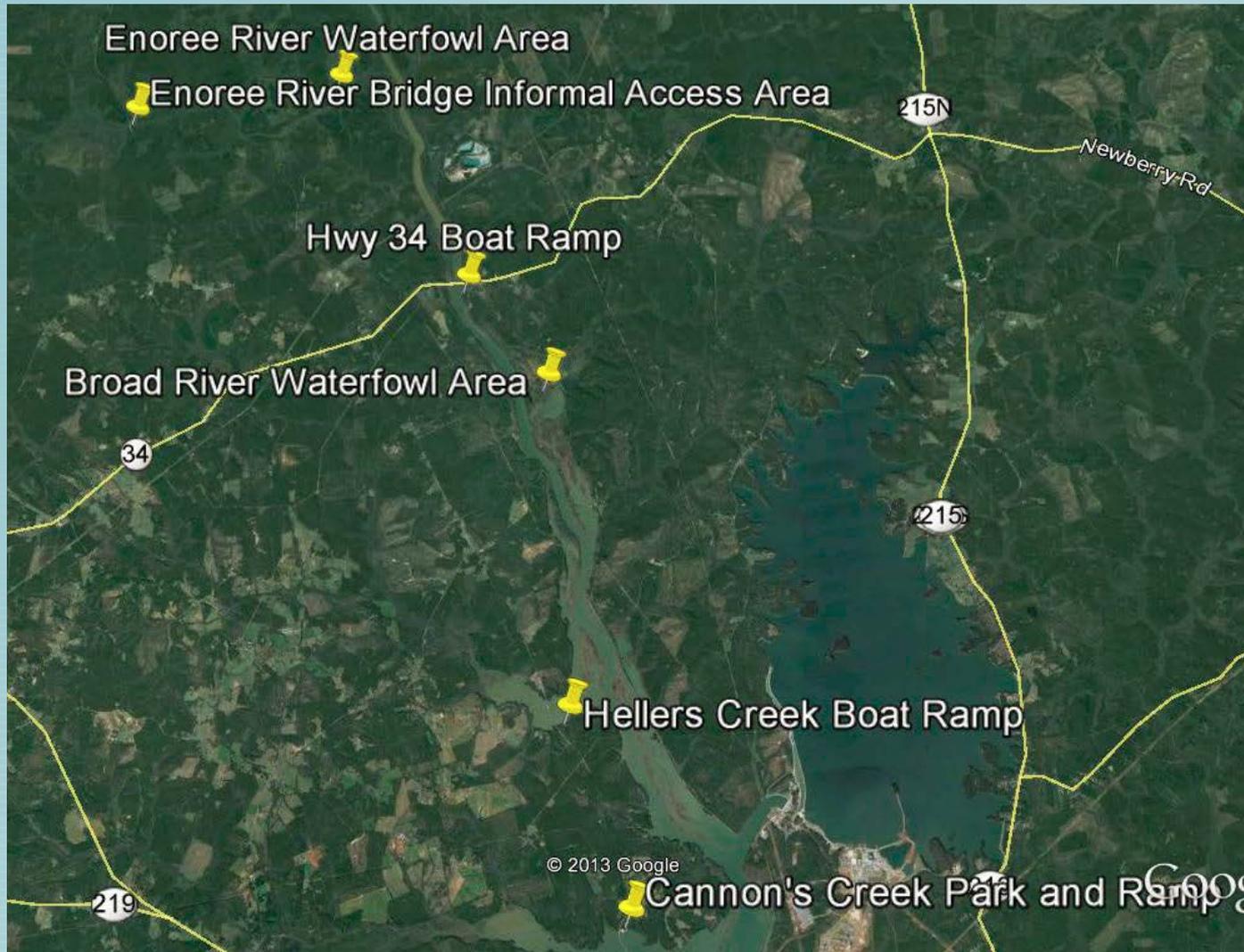
Study Objectives

- Characterize the existing recreation use of the Project recreation sites (type, volume, daily patterns).
- Characterize use of waterfowl areas and SCE&G recreation lands by hunters.
- Identify future recreation needs at the Project.

Study Area - Monticello



Study Area - Parr



Assessment Metrics

Recreation Sites and Informal Areas	Project Facility	Site Inventory	Vehicle Counts	Exit Interviews	Mail-in Surveys	Spot Counts
Monticello Reservoir						
Scenic Overlook (SCE&G-maintained portion)						
Highway 215 Boat Ramp						
Highway 99 Boat Ramp						
Recreation Lake Access Area						
Highway 99 Informal Fishing Area						
Parr Reservoir						
Cannon's Creek Public Access Area						
Heller's Creek Public Access Area						
Highway 34 Primitive Ramp						
Broad River Waterfowl Area						
Enoree River Waterfowl Area						
Enoree River Bridge Informal Access Area						

Study Season

	Monticello Reservoir	Parr Reservoir/Enoree Waterfowl
Primary Site User Interviews	April 1 - September 7, 2015	April 1 - September 7, 2015
Waterfowl Mail-in Survey Distribution: Early Teal Season and Goose	September 11 - September 26, 2015	September 11 - September 26, 2015
Waterfowl Mail-in Survey Distribution: Duck and Canada Geese Seasons	November 21 – 28, 2015, December 12, 2015 - January 31, 2016	November 21 – 28, 2015, December 12, 2015 - January 31, 2016
Waterfowl Mail-in Survey Distribution: Late Canada Geese Season	February 14- February 29, 2016	
Early Crappie Season Site User Interviews	February 1 - March 31, 2016	

Overview: Monticello

- Use by local residents (Fairfield, Lexington, Newberry, Richland).
- Reason for choosing Monticello:
 - Close to home
 - Good fishing
- Island Use (15% of water recreators): bank fishing and camping.
- Early crappie season – March weekdays.

Monticello: Scenic Overlook





Monticello Reservoir: Scenic Overlook

- Amenities: Swimming, Restrooms, Barrier-free dock fishing, Bank fishing, Picnicking.
- Primary Activities: Bank fishing and pier fishing.
- Condition Rating: 4.42
- Crowdedness Rating: 2.08
- Density Rating: 8%(wd); 17%(we)

Monticello Reservoir: Scenic Overlook



- Facility/Amenity and Improvement Requests:
 - Fishing pier/dock
 - Picnic tables/shelter
 - Grills
- Other findings:
 - Monticello site receiving greatest amount of use.
 - High use during early crappie season.

Monticello: Highway 215 Boat Ramp



Monticello Reservoir: Highway 215 Boat Ramp



- Amenities: Boat Ramps; Courtesy Dock; Picnic Shelter.
- Primary Activity: Boat fishing
- Condition Rating: 4.44
- Crowdedness Rating: 2.42
- Density Rating: 62%(wd); 138%(we)

Monticello Reservoir: Highway 215 Boat Ramp



- Facility/Amenity and Improvement Requests:
 - Restrooms
 - Lighting
 - Dock improvements
- Other findings:
 - Monticello site receiving highest condition rating.
 - Supports high level of bank fishing (17% of use).

Monticello: Highway 99 Access Area





Monticello Reservoir: Highway 99 Access Area

- Amenities: Boat ramps (3); Restrooms; Courtesy dock; Picnic shelters, Picnic tables; Grill.
- Primary Activity: Boat Fishing.
- Condition Rating: 4.17
- Crowdedness Rating: 2.70
- Density Rating: 28%(wd); 49%(we)



Monticello Reservoir: Highway 99 Access Area

- Facility/Amenity and Improvement Requests:
 - Lighting
 - Restroom improvements/year-round access
- Other findings:
 - Overall, respondents did not feel any additional facilities were needed.
 - Highest crowdedness rating of all sites.
 - Waterfowl hunter access area.

Monticello: Recreation Lake Access Area





Monticello Reservoir: Recreation Lake Access Area

- Amenities: Boat Launch; Beach Area; Picnic Shelters; Grills; Hiking Trail; Restrooms.
- Primary Activity: Swimming, Boat Fishing.
- Condition Rating: 4.0
- Crowdedness Rating: 2.05
- Density Rating: 12%(wd); 38%(we)



Monticello Reservoir: Recreation Lake Access Area

- Facility/Amenity and Improvement Requests:
 - Picnic tables/shelters, parking
 - Restroom improvements/year-round access
 - Ice/vending/concessions
- Other findings:
 - Overall, respondents did not feel any additional facilities were needed.

Monticello: Hwy 99 Informal Fishing Area





Monticello Reservoir: Hwy 99 Informal Fishing Area

- Amenities: Shoreline access and parking area
- Primary Activity: Bank fishing
- Condition Rating: 4.24
- Crowdedness Rating: 1.90
- Density Rating: 62%(wd); 81%(we)



Monticello Reservoir: Hwy 99 Informal Fishing Area

- Facility/Amenity and Improvement Requests:
 - Restrooms
 - Picnic tables/shelters, Trash cans, Water fountain
 - Fishing pier/dock
 - Benches/seating
 - Lighting
- Other findings: High use during early crappie season.

Overview: Parr

- Use by local residents (Newberry)
- Reason for choosing Parr:
 - Good fishing
- Water-based recreation activities (boat fishing and bank fishing)

Parr: Cannon's Creek Public Access Area





Parr Reservoir: Cannon's Creek Public Access Area

- Amenities: Boat launch; Picnic shelters; Grill; Restrooms.
- Primary Activity: Boat fishing
- Condition Rating: 3.95
- Crowdedness Rating: 1.93
- Density Rating: 28%(wd); 51%(we)



Parr Reservoir: Cannon's Creek Public Access Area

- Facility/Amenity and Improvement Requests:
 - Boat dock/Fishing pier, Boat launch
 - Lighting
 - Restroom improvements
 - Boat ramp improvements
- Other findings: Received highest use of Parr facilities.

Parr: Heller's Creek Public Access Area





Parr Reservoir: Heller's Creek Public Access Area

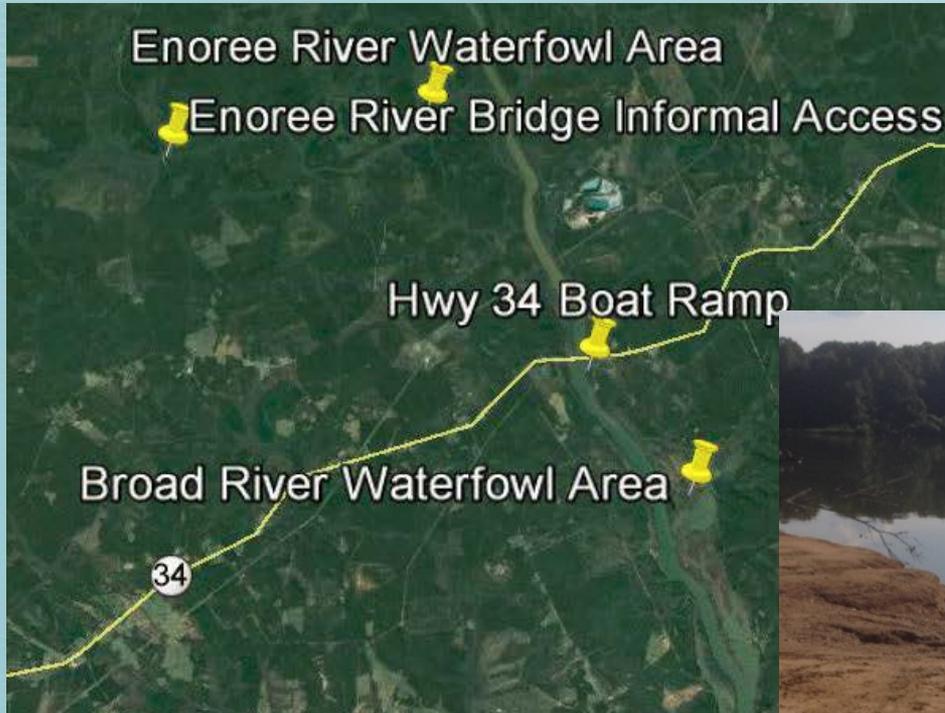
- Amenities: Boat launch; Picnic Shelters/tables; Restrooms.
- Primary Activity: Boat fishing
- Condition Rating: 3.81
- Crowdedness Rating: 2.31
- Density Rating: 18%(wd); 35%(we)



Parr Reservoir: Heller's Creek Public Access Area

- Facility/Amenity and Improvement Requests:
 - Boat dock/Fishing pier
 - Boat launch (44%)
 - Lighting
 - Restroom improvements
 - Boat ramp repairs
- Other findings:
 - Quite a few comments regarding access limitations (siltation).

Parr: Hwy 34 Primitive Ramp

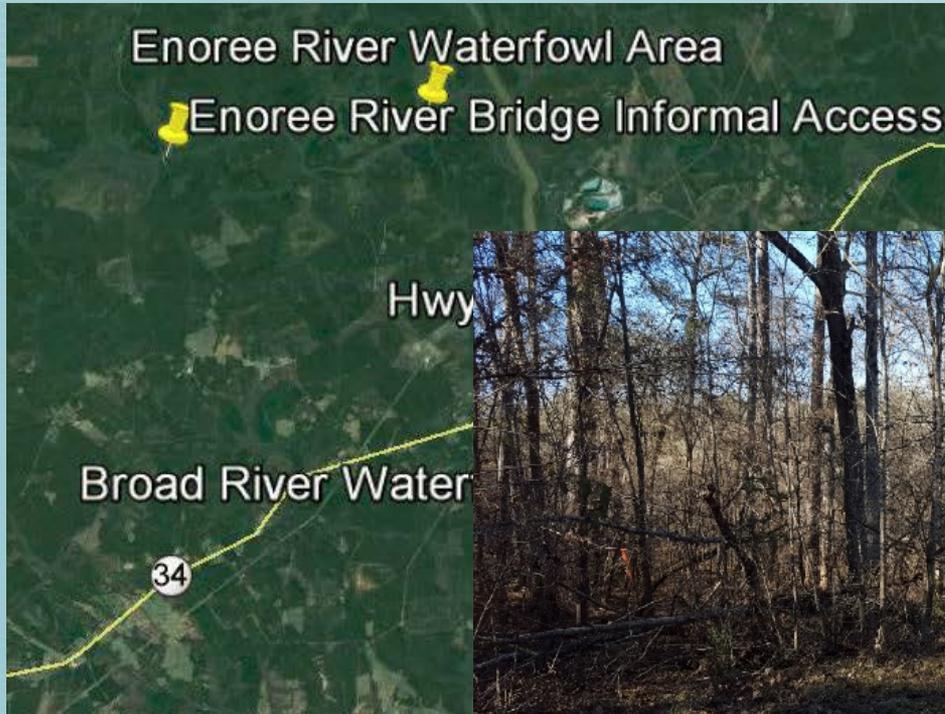




Parr Reservoir: Hwy 34 Primitive Ramp

- Amenities: Parking and gravel/earthen boat ramp.
- Received approximately 16% of total use at Parr development sites.
- Other findings: Highly utilized by waterfowl hunters. Focus group attendees noted that they would like for this site to remain primitive.

Non-Project: Enoree River Bridge



Non-Project: Enoree River Bridge



- Amenities: Primitive ramp on USFS property.
- Estimated 1,342 recreation days based on vehicle traffic and an estimated 2.15 people per vehicle.
- April was the highest use month.
- Other findings: One of the primary sites used by waterfowl hunters (focus group results).
- Received approximately 5% of use experienced at three SCE&G maintained access areas.

Waterfowl Management Areas

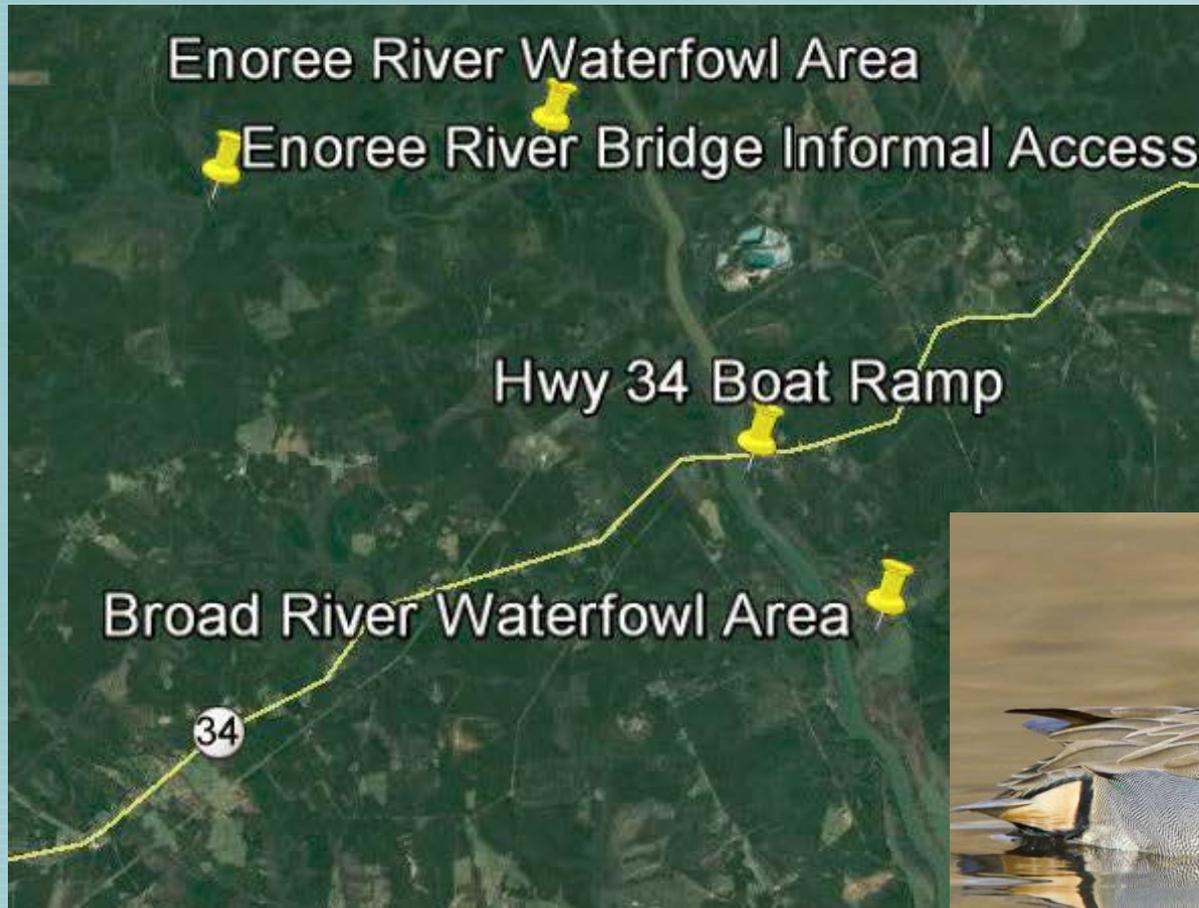


Photo credit: Audubon.org

Waterfowl Management Areas:

Monticello Reservoir

- Site Characteristics: Waters of Monticello Reservoir considered WMA; Available for hunting on Wednesdays and Saturdays.
- Use: Primarily Saturday use.
- Additional Findings: In general, no additional facilities or improvements were requested by Monticello Reservoir waterfowl hunters at focus group. Survey respondents requested additional lighting, bathrooms, deeper boat landing.

Waterfowl Management Areas:

Parr Reservoir

- Site Characteristics: Portions of Parr designated as WMA and available for hunting Monday through Saturday.
- Use: Primarily Saturday use; Highway 34 and Enoree River Bridge Informal Access (focus group attendees).
- Additional Findings: High reporting of crowding. Requests for days/times to be limited.

Waterfowl Management Areas: Enoree River Waterfowl Management Area

- Site Characteristics: Category II, Saturday AM only.
- Use: Estimated 263 recreation days during waterfowl season based on vehicle traffic and an estimated 2.15 people per vehicle.
- Additional Findings: DNR's estimated use was 131 people, which could indicate that people are traveling to the site individually.

Waterfowl Management Areas: Broad River Waterfowl Management Area

- Site Characteristics: Category I WMA: draw-hunt site.
- Use: 7 lottery hunts and 1 youth hunt held in 2015/2016.
- Additional Findings: In general, users are pleased with this site. No additional facility/improvement needs noted.

Data Summary & Future Use

- Project is well used (152,709 recreation days).
- Populations projected to increase by 12.9 percent from 2015 to 2030 – Primary recreation activities anticipated to remain the same.
- Project recreation sites in good to very good condition (average Project rating of 4.17).
- Crowdedness ratings low to moderate.

Data Summary & Future Use

- Monticello:
 - Water-based recreation activities (boat fishing).
 - Island Use (15% of water recreators): bank fishing and camping.
 - Facility/Amenity requests: picnic tables, shelters, lighting, restroom improvements/access and fishing piers or docks.

Data Summary & Future Use

- Parr:
 - Water-based recreation activities (boat fishing and bank fishing).
 - Facility/Amenity requests: boat launching/docking facilities, additional lighting and restroom improvements.

Data Summary & Future Use

- Waterfowl Hunting Areas:
 - Project area well used by waterfowl hunters.
 - Primarily local residents (Monticello); residents of surrounding counties – Richland and Lexington (Parr).
 - Hunting pressure noted as the primary concern at Enoree Waterfowl Area and Parr Reservoir by waterfowl hunters.

PM&E Discussion

- What is requested?
- What is possible?
- What is appropriate?