



**Lake Greenwood:
Greenwood County Lake Management Department**

**Julie M Davis, CLM
Director of Lake Management**

Lake Greenwood Major Features

Legend

- StreetCen
- Lake
- Island

1 inch = 2,384 feet



Laurens

Newberry

Lake Greenwood

Surface Area: Approx. 11,400 acres

Average Depth: 23 ft

Shoreline miles: Approx. 229



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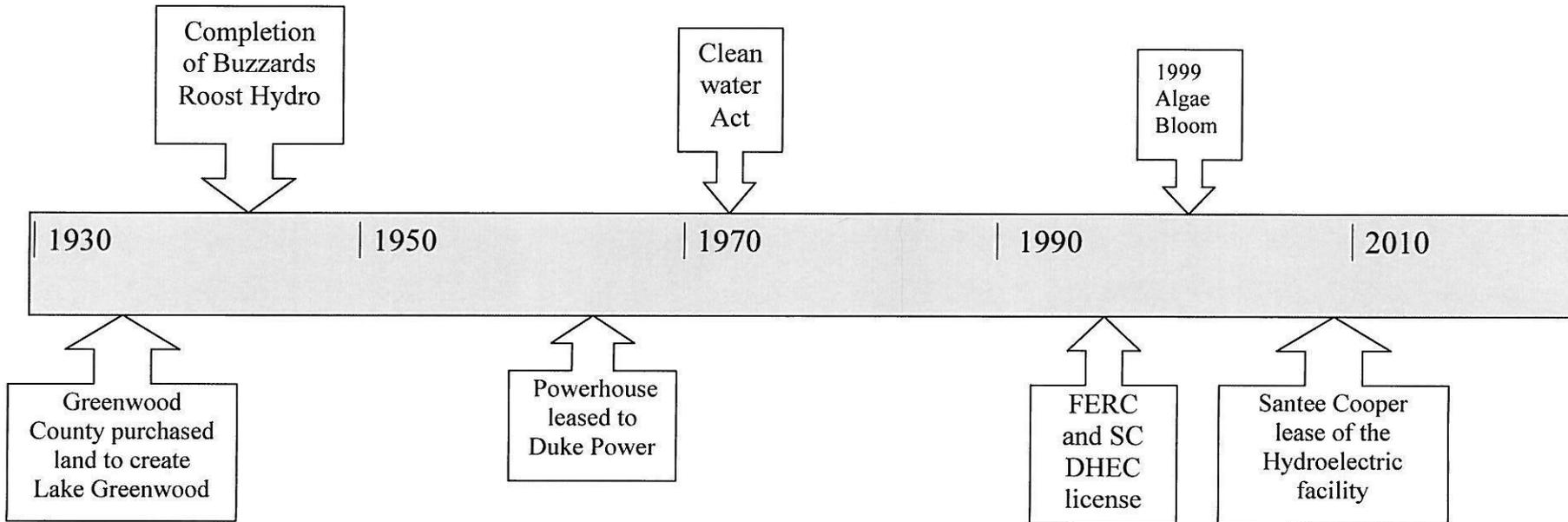


Background

- Built in late 1930s
- Borders on 3 counties
- Owned by Greenwood County
- Hydroelectric plant - Buzzard's Roost operated by Santee Cooper
- FERC license - Federal Energy Regulatory Commission
- SC DHEC permit - General Permit for Construction on Navigable waters of SC



Brief Timeline of Lake Greenwood



What does Lake Management do?

Some tasks include:

- Mosquito inventory and spraying
- Receives registrations
- Upkeep of public access boat ramps and areas
- Inspection of encroachments
- Lake log removal to protect the hydro
- Permits for encroachments
- Aquatic Weed inventory and spraying
- Outreach and lake resident education



Mosquito Control

Mosquitoes rely on water to lay eggs and survive.

Greenwood County Lake Management treats areas around the lake for mosquitoes. Prior to Lake Management, Duke Power leased the Lake and was responsible for pool management.



Mosquito Control

Small scale program of larviciding to help control nuisance populations of lake-breeding mosquitoes.

- 1 Spray boat with larvicide VectoBac and Altosid briquets
- Treat areas usually middle/end of April through October

Program helps control some of the mosquitoes within the project boundary, similar to Duke Power's program but in smaller scale. However, container-breeding populations are still a problem.

Aquatic Invasive Species

SC DNR & Lake Management treat for aquatic noxious weeds.

Hydrilla



Najas



This year we also sprayed for primrose and alligator weed





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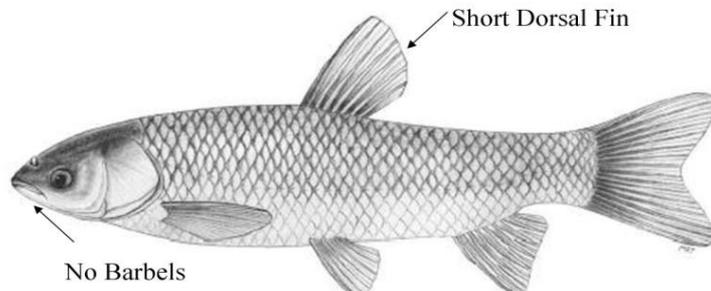


Aquatic Invasive Species

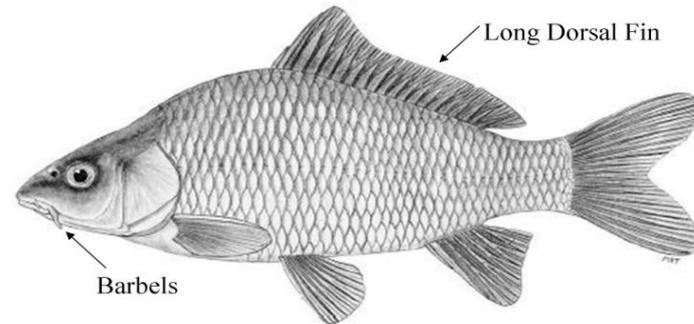
In April 2009, we released 3,000 grass carp.

Released an additional 3,000 into the lake in May 2010.

THIS WATERBODY IS STOCKED WITH
STERILE TRIPLOID GRASS CARP
FOR THE CONTROL OF AQUATIC WEEDS



Triploid Grass Carp



Common Carp

State Law Section 50-13-1630(D); It is unlawful to take grass carp from waters stocked as permitted by this section. Grass carp caught must be returned to the water immediately. Any bow hunting of grass carp will be classified as “take”.

SCDNR
Aquatic Nuisance Species Program



DNR

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Photo taken in Summer 2009



****Since 2010, no traces of hydrilla have been found!**

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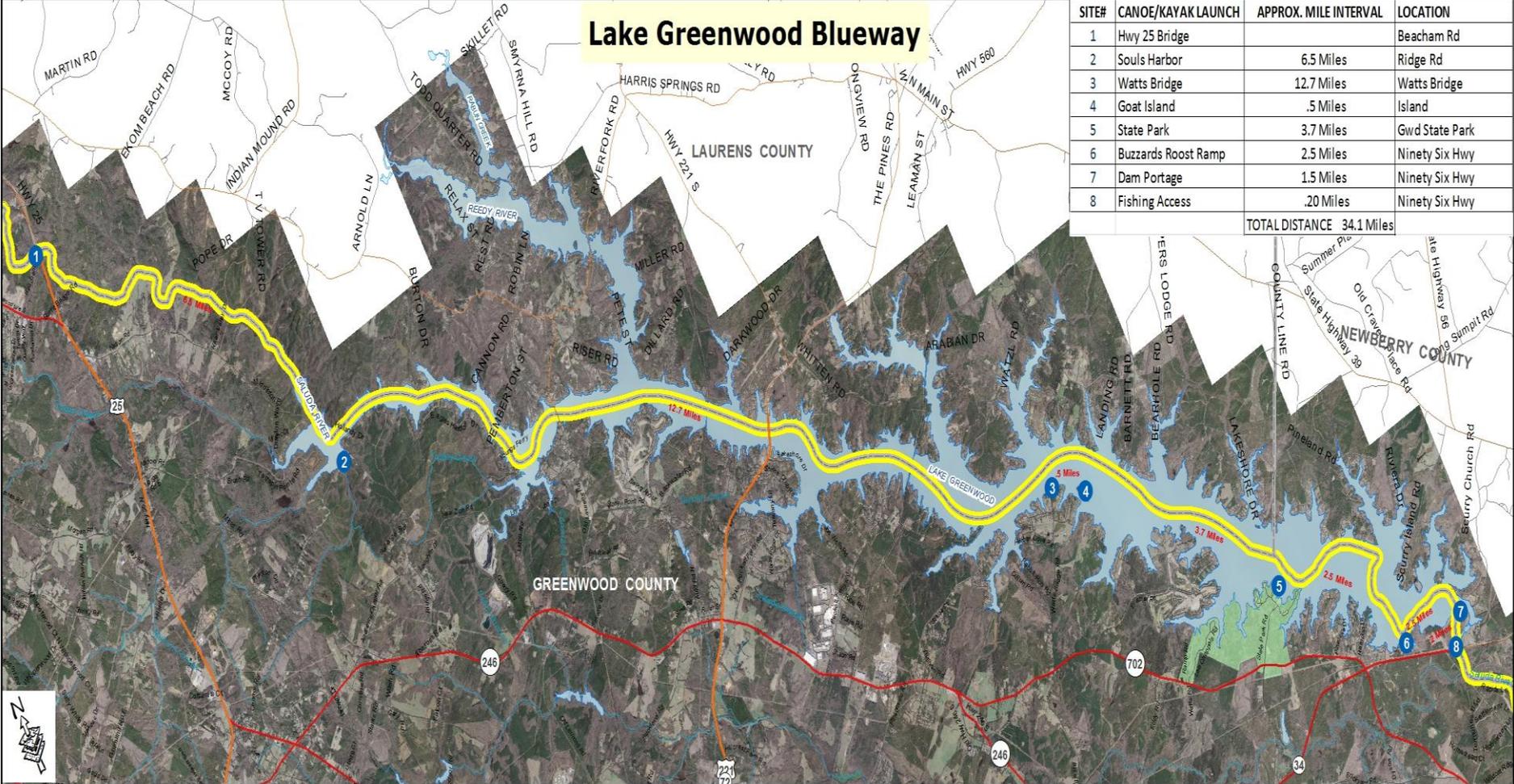


Lake Greenwood Blueway

- Lake Management awarded a Grant from SC PRT and FHA for \$20,000 for a Lake Greenwood Blueway
- Lake Greenwood Blueway will tie into work of NRCS and DNR at Hwy 25 and up at Pitts Park
- Anderson County is working also on a Blueway that will end at Pitts Park
- Money will be used to route trail, purchase maps and signage, construct access points, and install rails
- Project should take no longer than 18 months. Our blueway will be approximately 34 miles. Entire length of Saluda from Anderson's start to our ending at the Hydro is approximately 68 miles
- Eventually would like to continue below Hydro and end in Lake Murray

Lake Greenwood Blueway

SITE#	CANOE/KAYAK LAUNCH	APPROX. MILE INTERVAL	LOCATION
1	Hwy 25 Bridge		Beacham Rd
2	Souls Harbor	6.5 Miles	Ridge Rd
3	Watts Bridge	12.7 Miles	Watts Bridge
4	Goat Island	.5 Miles	Island
5	State Park	3.7 Miles	Gwd State Park
6	Buzzards Roost Ramp	2.5 Miles	Ninety Six Hwy
7	Dam Portage	1.5 Miles	Ninety Six Hwy
8	Fishing Access	.20 Miles	Ninety Six Hwy
		TOTAL DISTANCE	34.1 Miles



Shoreline Management Plan

- Registrations- Inventory of encroachments within project boundary.
- Habitat Area protection- Mapping and approval of Critical Habitat, Impact Minimization, and Wood Debris Areas.
- Cultural Habitats- Inspections of areas designated as possibly having cultural relevance.
- Recreational components- Recreational needs and requirements as approved by the FERC.
- Non-project uses and Orders- Anything not allowed under our License has to go before the FERC.





Address: Find

Destination Lat,Lon: 34° 16.834', -82° 2.845'

Scale: 1 inch = 65 feet

Search: abbott Find -- Select an Agreement --

- Layers
- LakeIdPoints
- LakeIdPoints_Active
- Place Name
- Site Address
- LaurensNewberry Site A
- Utilities
- Street Names
- Street Centerlines
- Adjacent Roads
- Railroad
- Lake Critical Habitat
- Minor Hydro
- Recreation
- Tax Parcels
- LaurensParcel
- NewberryParcel
- County Boundary Line
- Municipality Line
- Lake Tracts
- Hydro Line
- Major Hydro
- Grid Book.Index
- EMS, Fire, Law Zones
- Municipality Fill
- LakeSubs
- Subdivision Names
- Subdivision Fill
- LakeSubdiv
- LakeHistoricalSites_Lowe
- LakeHistoricalSites_Uppe
- 1939 Orthophoto
- 2002 Lake Orthophoto
- 2003 Orthophoto
- 2008 Orthophoto
- 2011 Orthophoto
- County Boundary Fill





Greenwood County Lake Management
600 Monument Street, Ste 19
Greenwood, SC 29646
864-943-2648,
jdavis@greenwoodsc.gov

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