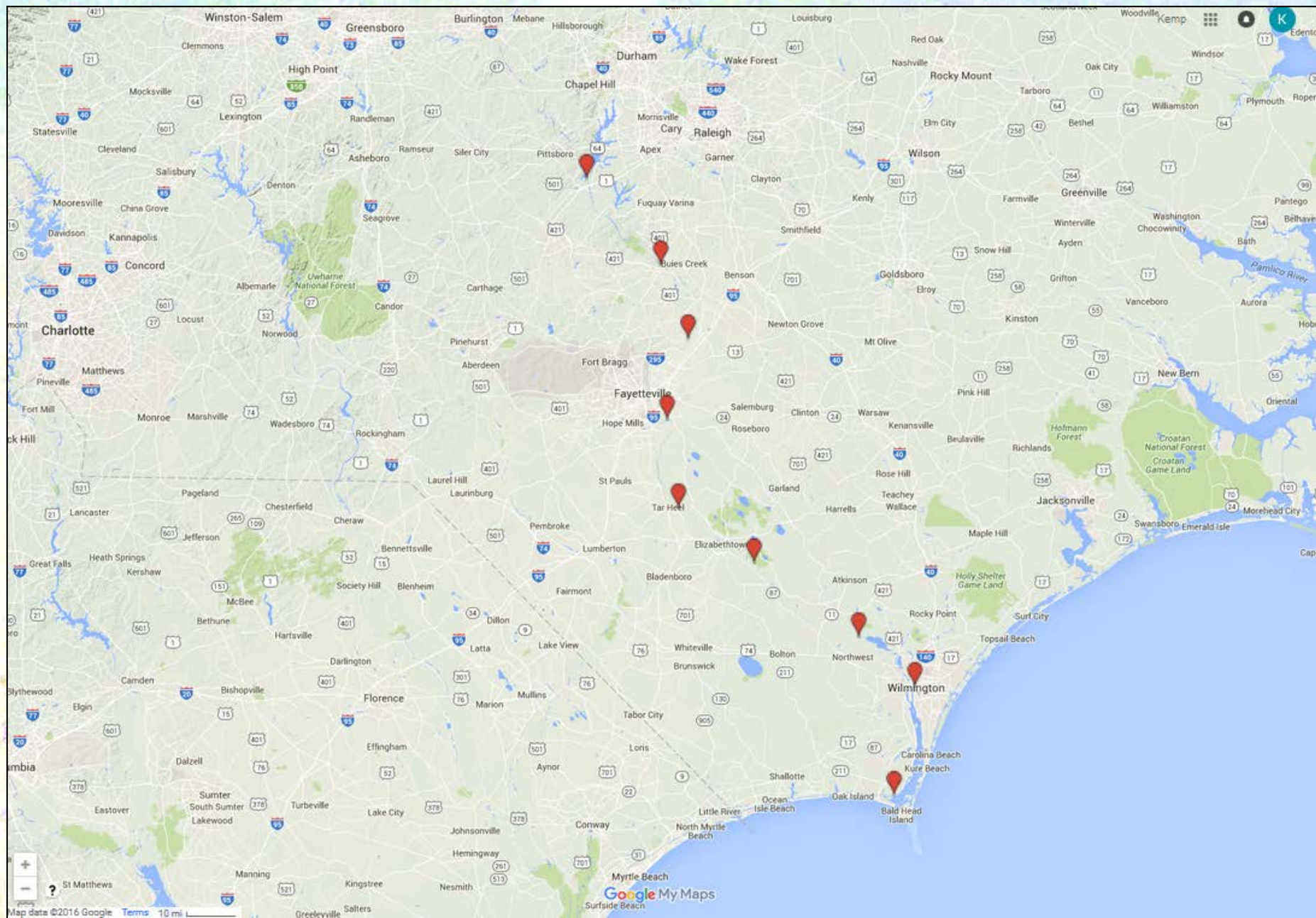


# **A Voyage Down The Cape Fear**

**Kemp Burdette: Cape Fear Riverkeeper**

**April 7 – 14, 2016**







# Put In: Haw River Base of Jordan Lake Dam





# Day 1: Jordan Lake to Lillington

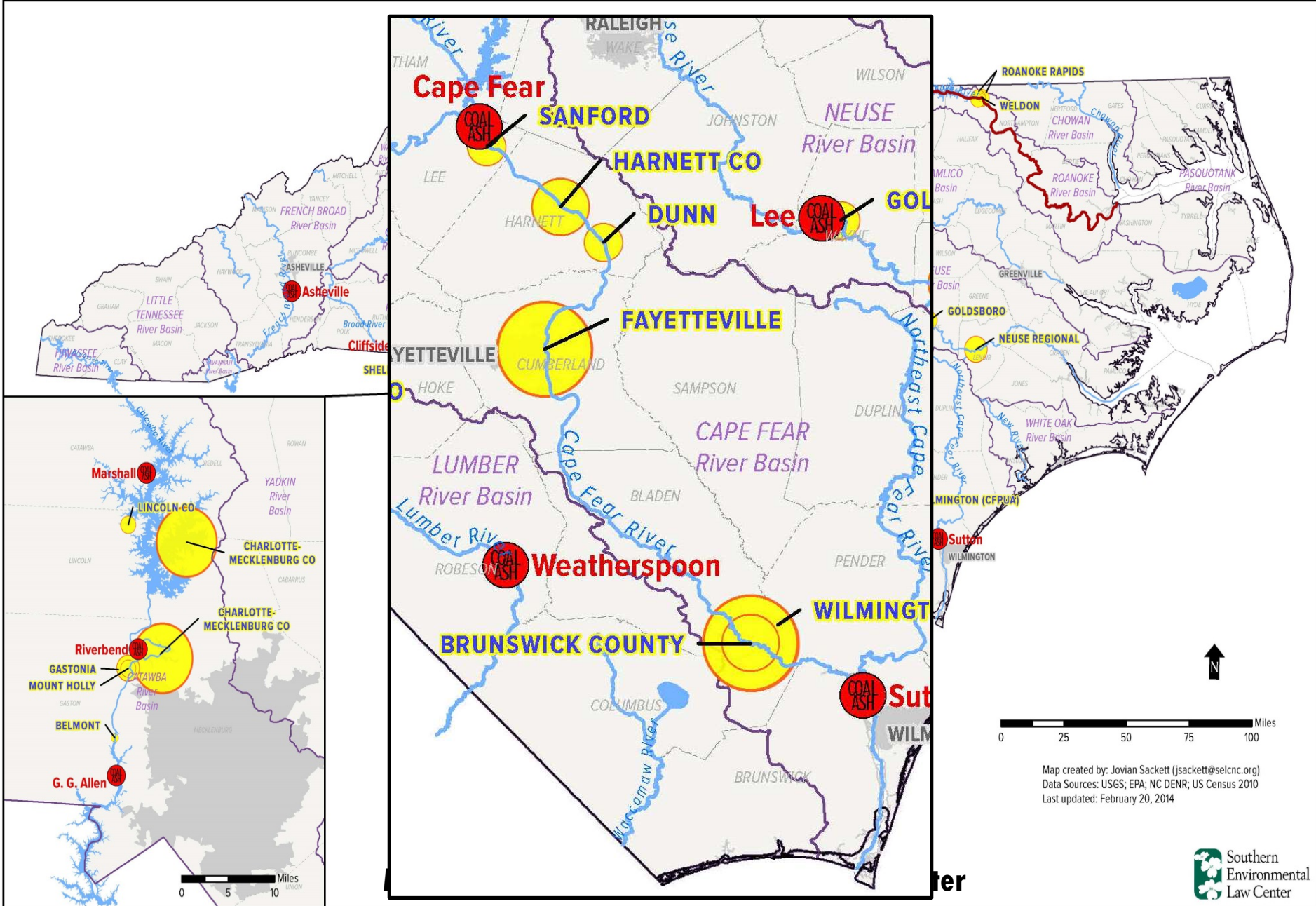








# North Carolina Drinking Water Supplies Downstream from Coal Ash Impoundments











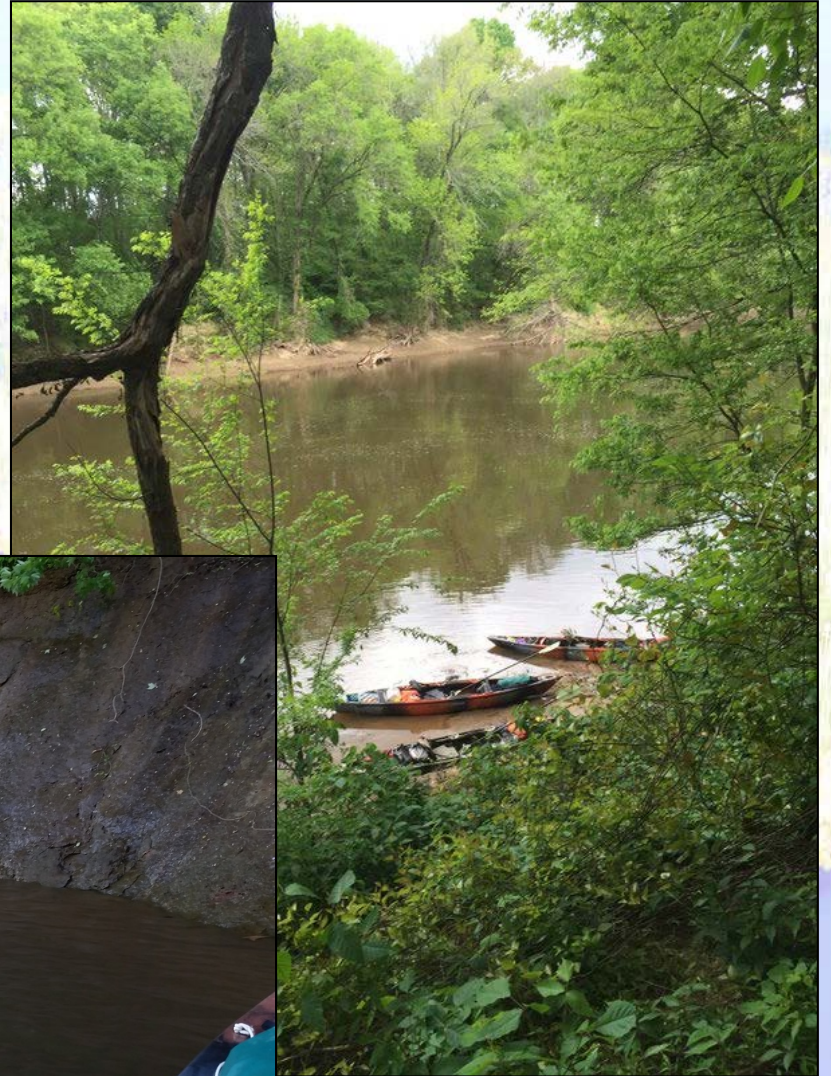


# Day 2: Lillington to Old Bluff Church





# Day 3: Old Bluff Church to Rockfish Creek

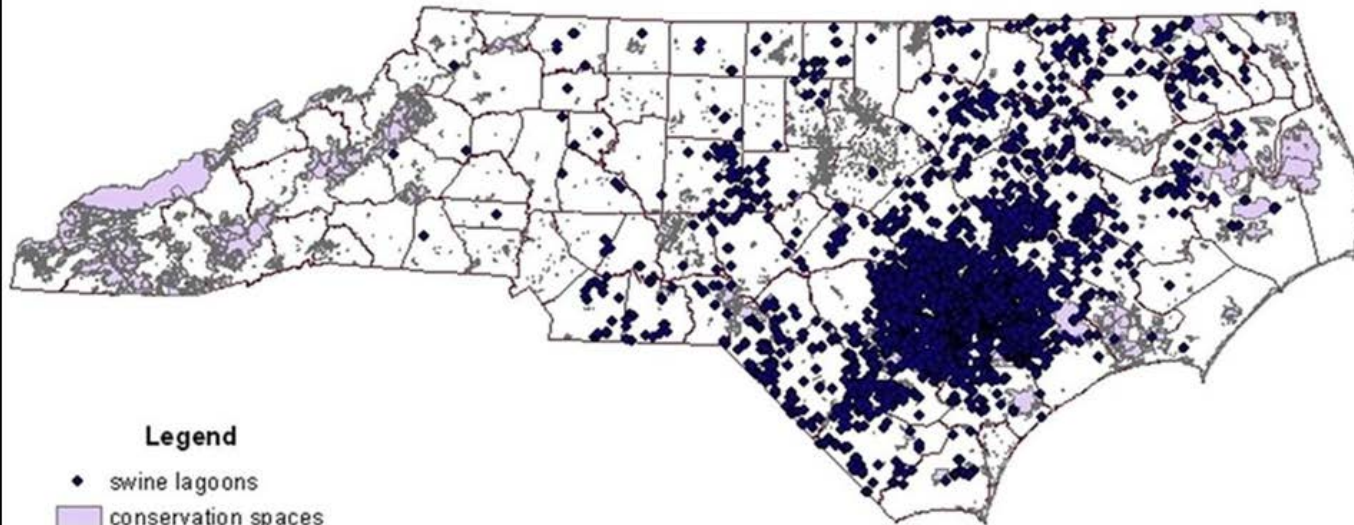
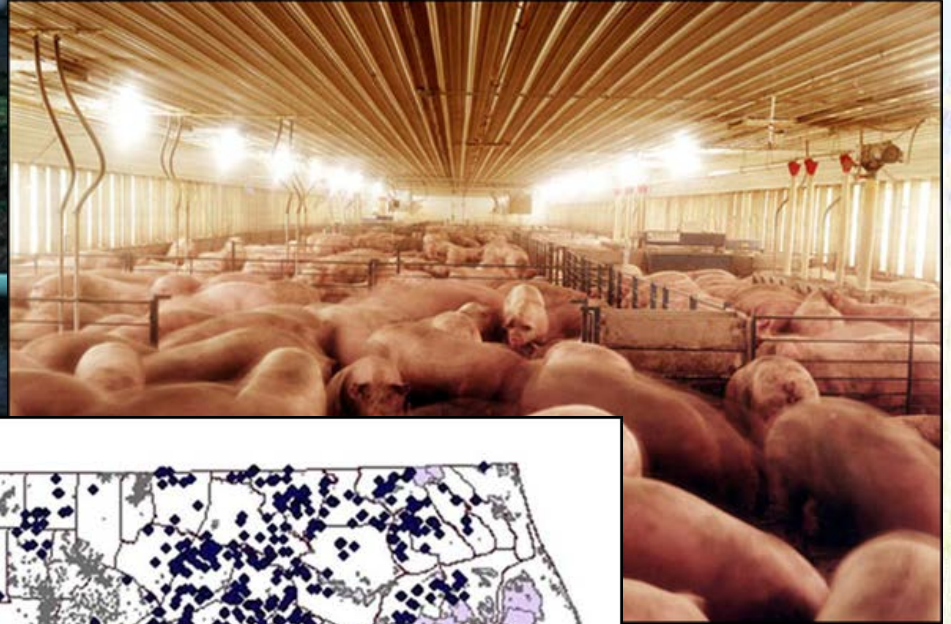




# Day 4: Rockfish Creek to Tar Heel







**Legend**

- swine lagoons
- conservation spaces
- county outlines



# Potentially toxic algae found in Cape Fear River

By [Kate Elizabeth Queram](#)

[Kate.Queram@StarNewsOnline.com](mailto:Kate.Queram@StarNewsOnline.com)

Published: Tuesday, August 5, 2014 at 6:09 p.m.

A potentially toxic blue-green algae that caused the shutdown of the public water system in Toledo, Ohio, has been found in the Cape Fear River at Lock and Dam No. 1, near the water intakes for the Brunswick and New Hanover counties' water systems.

That does not necessarily mean that local water supplies will be compromised.

Officials with the Cape Fear Public Utility

Authority said Tuesday there was no immediate

health hazard to customers in New Hanover County, as the processing plants for the utility are equipped to effectively eradicate any bacteria in the water.

"Because of CFPUA's advanced treatment, which includes the use of ozone and biologically active carbon filters, the algae is destroyed and removed. As a result, we have not experienced any water quality-related issues related to algae blooms," said Mike McGill, CFPUA spokesman. "We will continue to monitor the situation."

Glenn Walker, water resources superintendent for Brunswick County Utilities, said



Large clouds of blue-green algae could return throughout the Cape Fear River if there is another extended period of hot, dry weather. Photo courtesy NCDENR, Division of Water Quality.



# Day 5: Tar Heel to Bladen Lakes Forest





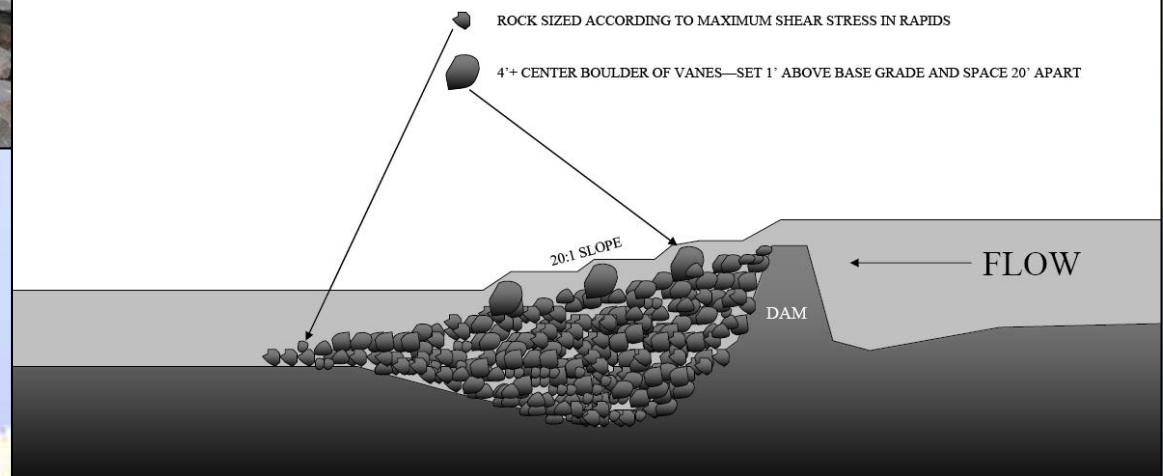
# Day 6: Bladen Lakes Forest to Roan Island





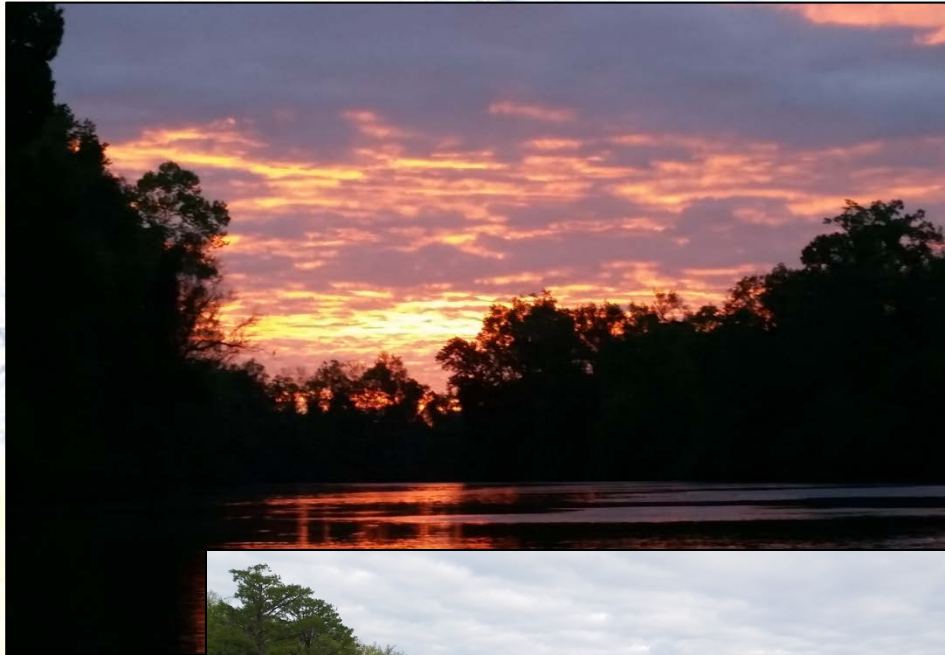


## ROCK ARCH RAPIDS LONGITUDINAL PROFILE



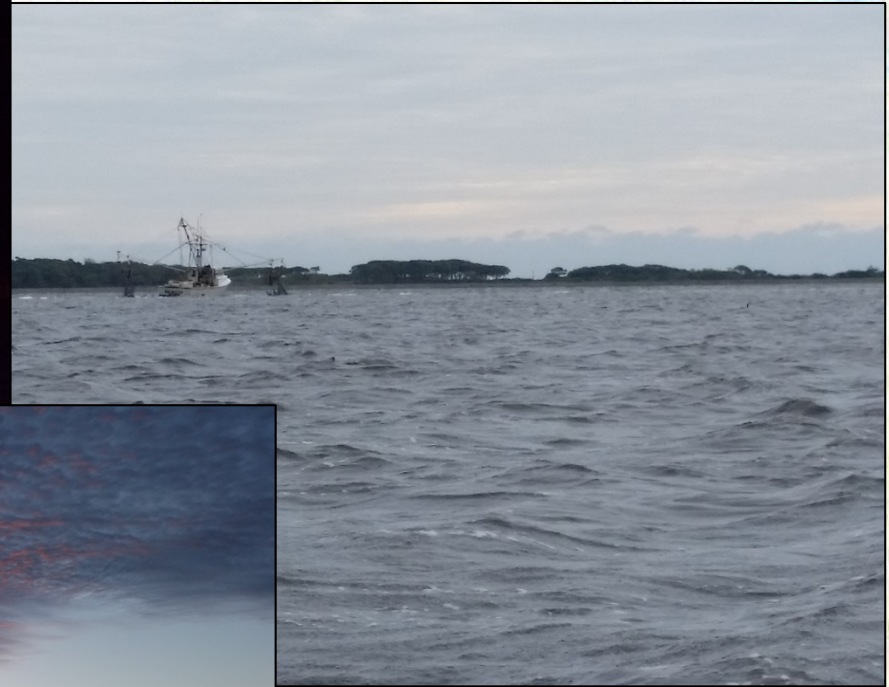
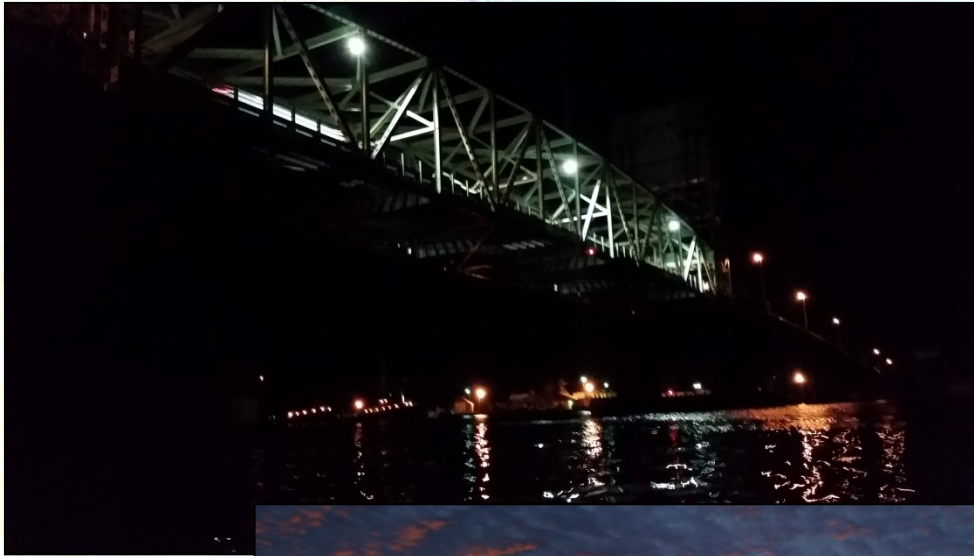


# Day 7: Roan Island to Wilmington





# Day 8: Wilmington to the Atlantic Ocean









# What Did We Discover?

- The Cape Fear is incredibly diverse in many ways.
- The Cape Fear is really under-used.
- What happens upstream affects everything downstream (duh). And sometimes vice versa.
- There are still serious threats to the Cape Fear.
- There is very little public access/property along the Cape Fear, especially for camping.
- There is huge a opportunity to make the Cape Fear a focal point of NC tourism and recreation.



Jordan Lake Recreation Area

Avents Ferry Ramp

Buckhorn Lillington

Raven Rock State Park Lillington Ramp

Old Bluff Church

Cumberland County Park

Fayetteville Ramp Evans Land

Lock & Dam 3

Lock & Dam 2

Tory Hole Ramp

Elwells Ferry

McGirt Land

Roan Island

Island 13

River Road Park Boat Ramp

Carolina Beach State Park

Southport



The General Assembly of North Carolina enacts:

**SECTION 1.** The State of North Carolina may accept from the United States locks and dams #1, #2, and #3 on the Cape Fear River, along with all adjacent lands currently owned by the United States, after the three locks and dams have been properly refurbished and the rock arch rapids fish ladders have been successfully constructed.

**SECTION 2.** The Secretary of Transportation, in consultation with the Board of Commissioners of Bladen County, shall negotiate the transfer from the United States. When the Secretary of Transportation reaches an acceptable agreement with the United States, he shall recommend its approval to the Council of State. The agreement is then subject to approval by the Council of State. Upon approval, as part of a successful transfer arrangement with the United States, the Council of State shall allocate the property to the Department of Transportation, the Department of Environment and Natural Resources, or such other State department as it deems appropriate.

**SECTION 3.** This act is effective when it becomes law.

In the General Assembly read three times and ratified this the 16<sup>th</sup> day of July, 2008.

s/ Marc Basnight  
President Pro Tempore of the Senate

s/ Joe Hackney  
Speaker of the House of Representatives

s/ Michael F. Easley  
Governor

Approved 5:07 p.m. this 7<sup>th</sup> day of August, 2008



The End

