

Chlorophyll-a levels in Falls Lake

- Water quality standard for *Chlorophyll-a* is 40 ug/l
- Numerous violations of this standard throughout the lake, but mainly in the upper reaches

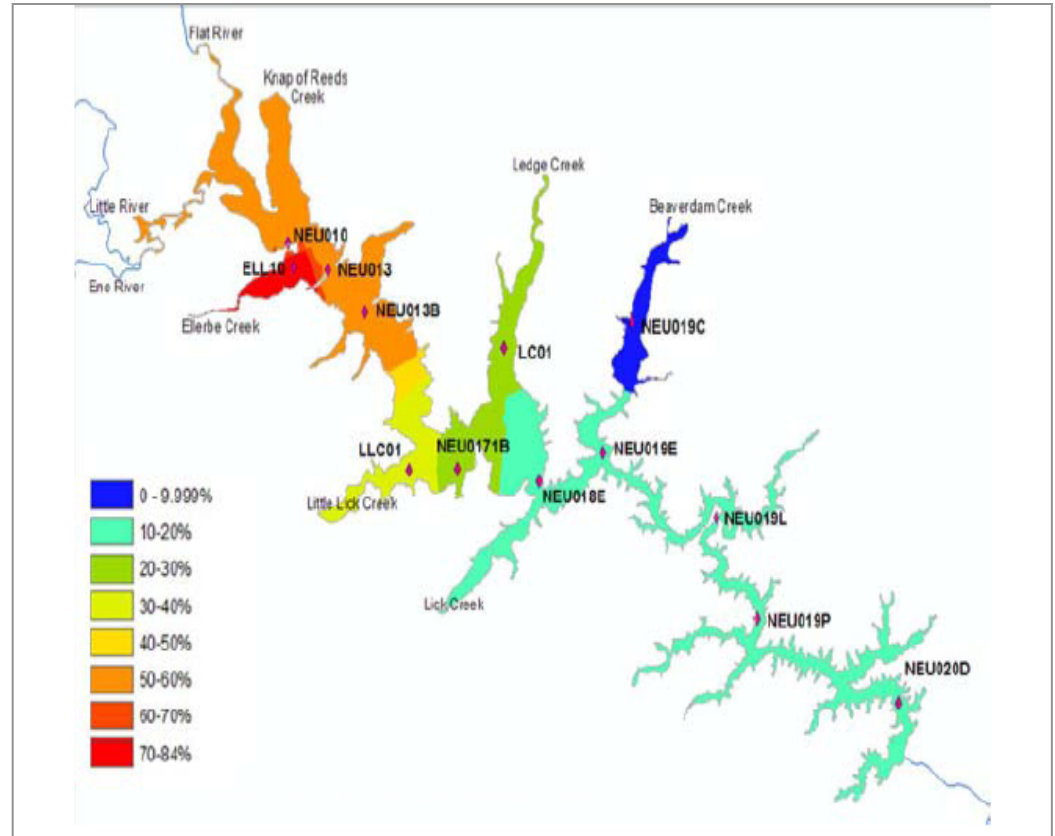
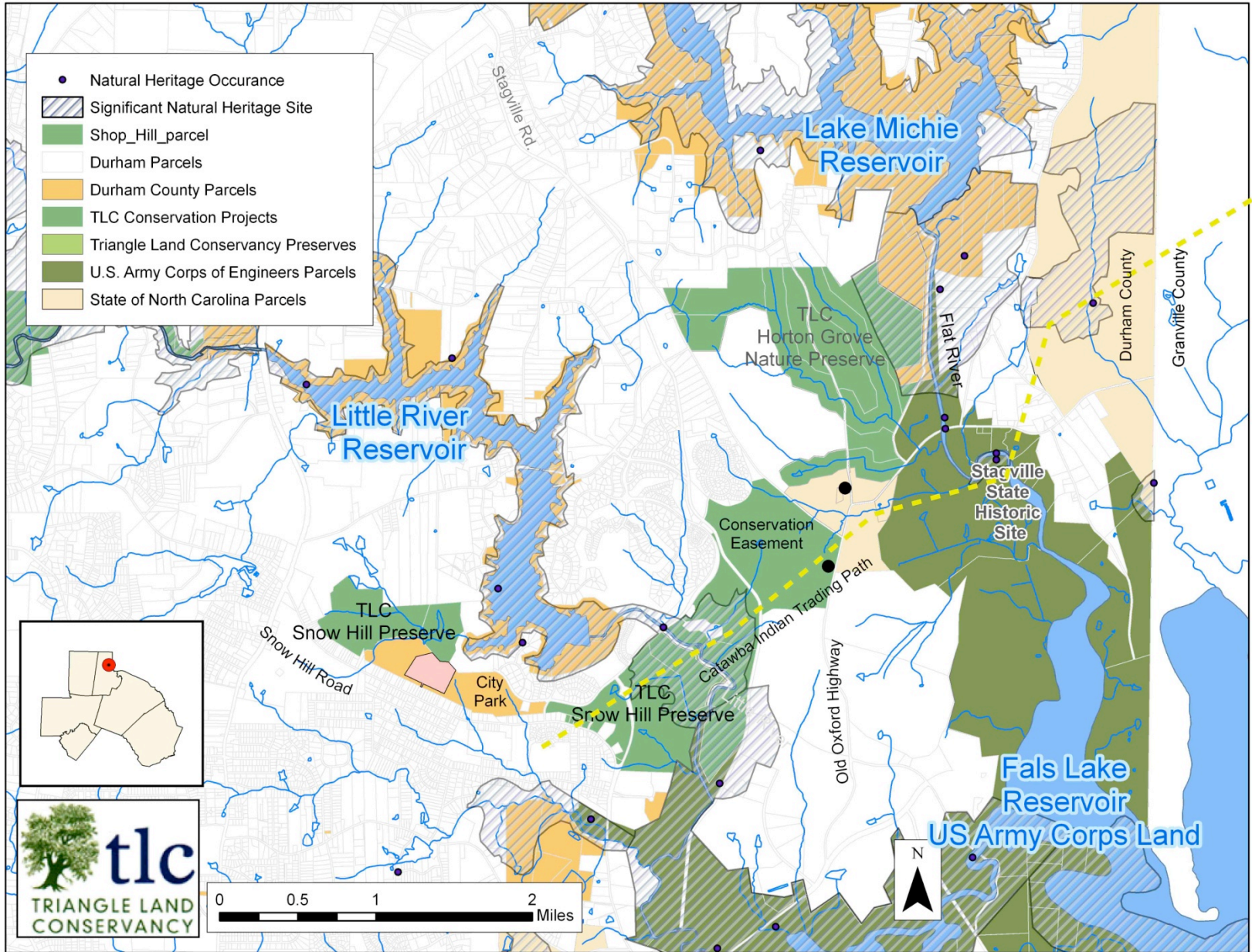


Figure 4. Percentage of data points in 2005-2007 that exceeded the state standard for chl_a. From NC DENR-DWQ.

Developing Partnerships

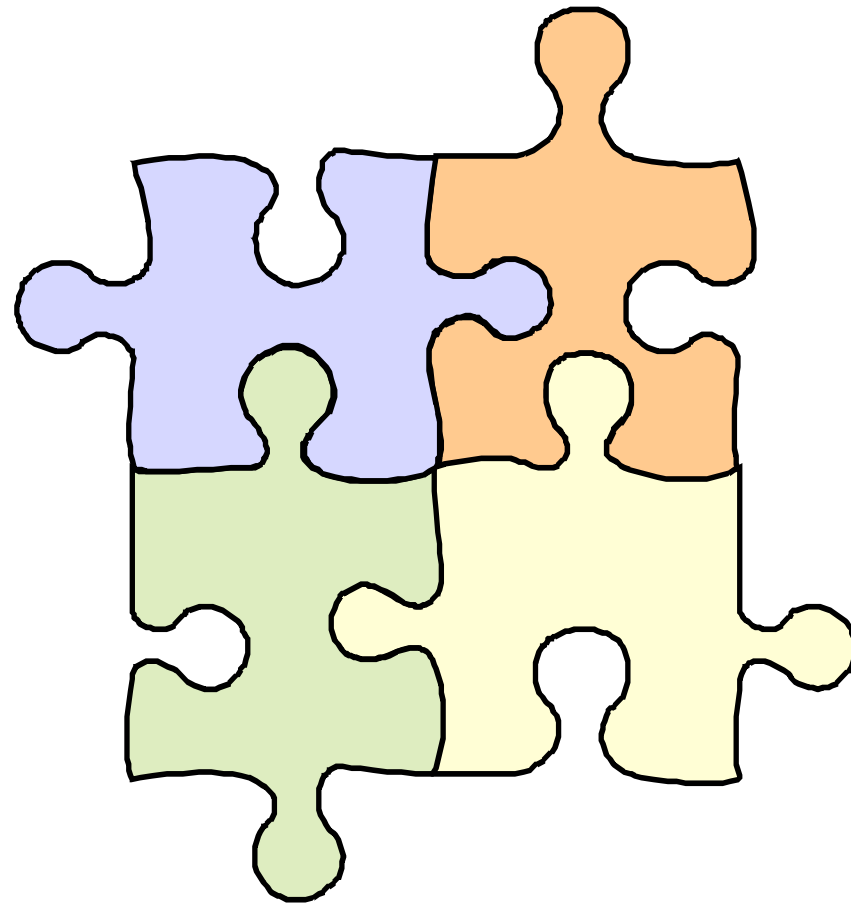


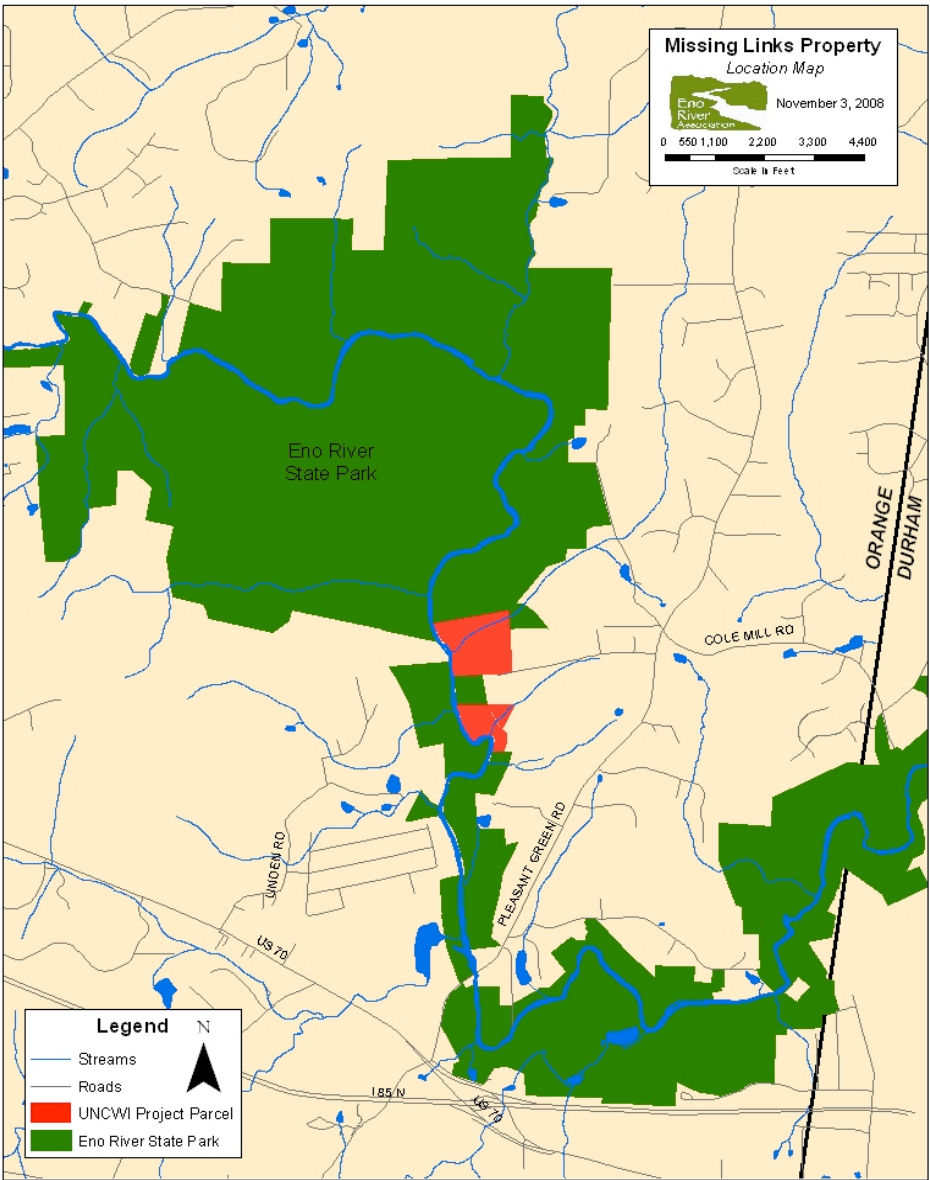




Missing Links
Eno River Association

Putting the Puzzle Together





Missing Links
 Eno River Association



Knap of Reeds

Tar River Land Conservancy

Working Smarter

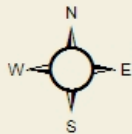


Conservation Easements along Knap of Reeds Creek

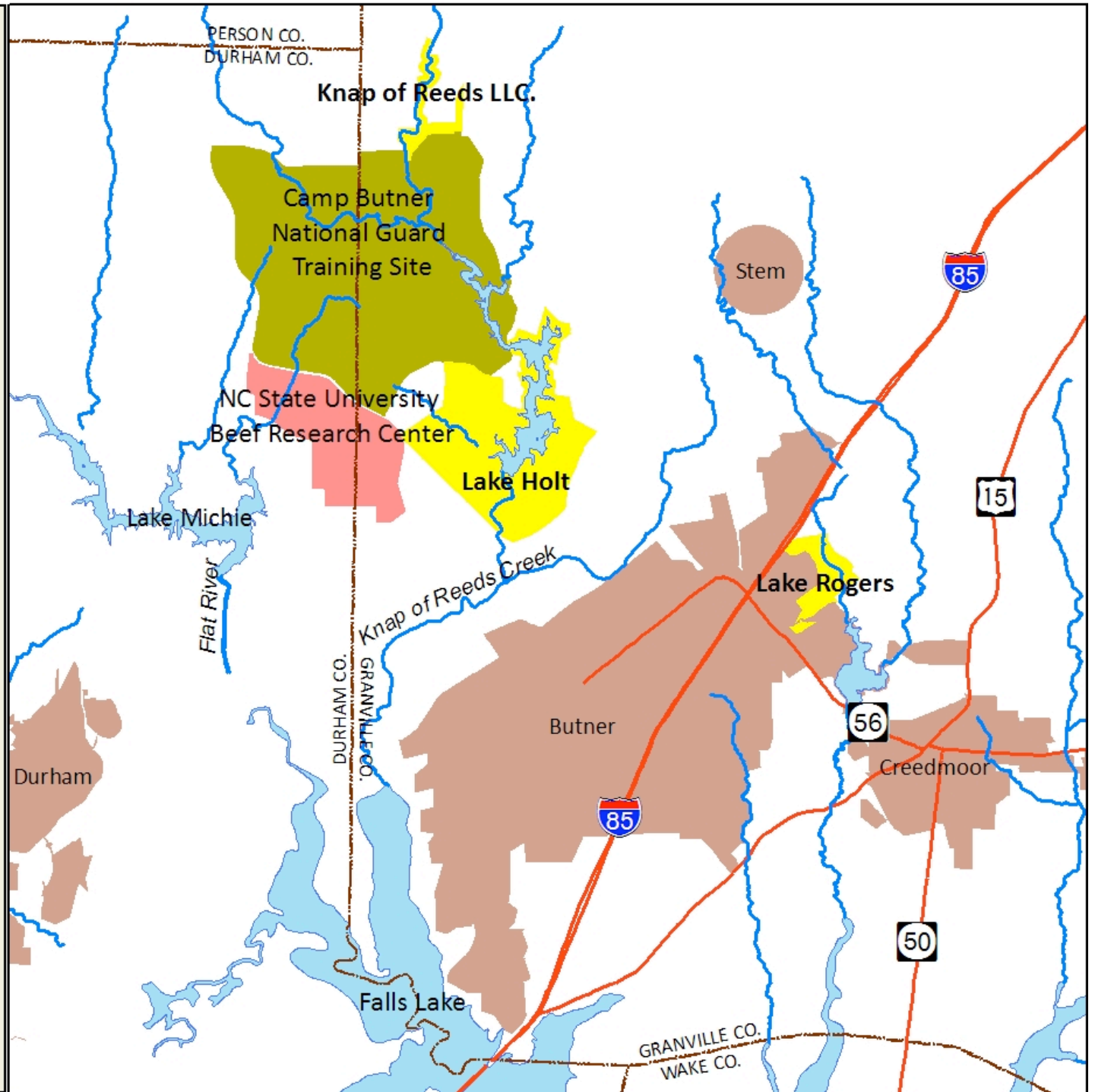
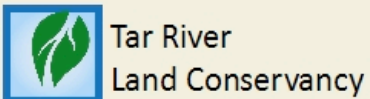
Granville & Durham Counties,
State of North Carolina

Legend

- Neuse River Tributaries
- Primary Road
- - - County Boundary
- Municipal Boundaries
- Lakes/Reservoirs
- Conservation Easements
- Camp Butner
- NCSU Beef Research Center



0 1.5 3 Miles



Project Funding Breakdown

UNCWI Budget						
	UNCWI	Land Trust	Orange	Landowner	Total	cost per acre
Total Land Value	\$10,000	\$0	\$0	\$40,913	\$50,913	
Appraisal and Due Diligence	\$3,000	\$0	\$0	\$0	\$3,000	
Survey	\$0	\$0	\$0	\$0	\$0	
Legal and Closing	\$100	\$5,000	\$0	\$0	\$5,100	
Total Transaction Costs	\$3,100	\$5,000	\$0	\$0	\$8,100	
Total Stewardship Costs	\$4,000	\$0	\$0	\$0	\$4,000	
Total Cost	\$17,100	\$5,000	\$0	\$40,913	\$63,013	
UNCWI Funds Requested	\$17,100					
Match Provided		\$5,000	\$0	\$40,913	\$45,913	
Per acre cost	\$1,698	\$497	\$0	\$4,063	\$4,559	
% of Total Cost	27.1%	7.9%	0.0%	64.9%	100.0%	
Stream Feet	3,010	0				
\$acre/ Per stream foot	\$0.56	\$0.17	\$0.00	\$1.35	\$1.51	
		MATCH	MATCH	MATCH		