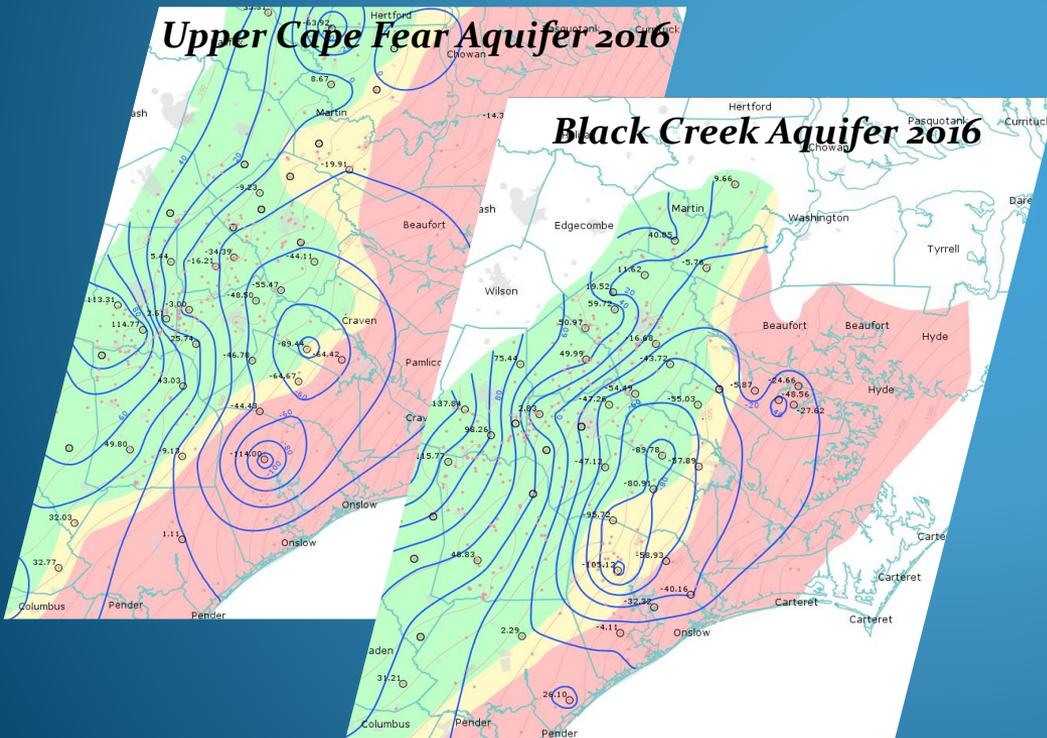


2018 CCPCUA Assessment Plan

Central Coastal Plain Capacity Use Area



Nat Wilson
Division of Water Resources
Ground Water Management
Branch

Water Allocation Committee Meeting
Archdale Ground Floor Hearing Room
March 7, 2018

Introduction

- What is the Central Coastal Plain Capacity Use Area?
- Why is an assessment required in 2018?
- DWR will conduct the assessment using a collaborative process.

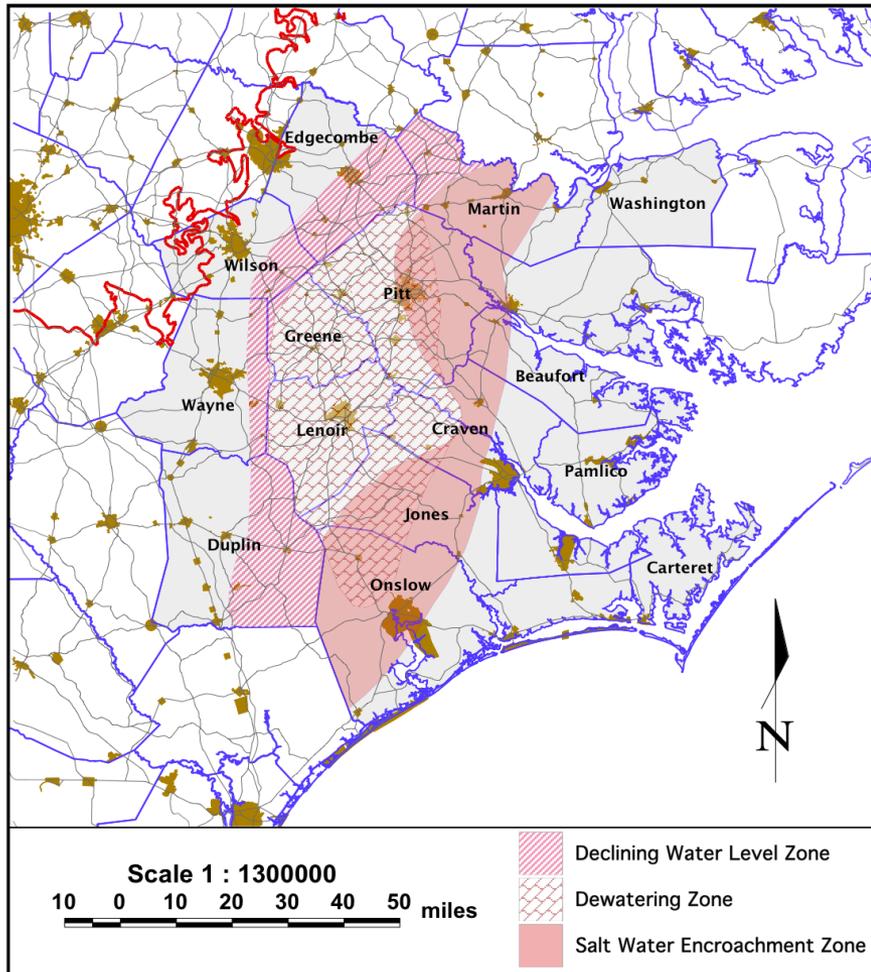
What is the CCPCUA?



- 15 counties in the central portion of the coastal plain
- Currently there are 305 permit holders and 69 annual registrations.
- Permits are required for ground water use above 100,000 gallons per day.
- Ground water use registrations between 10,000 and 100,000 gallons per day
- Surface water use registration above 10,000 gallons per day

CCPCUA Reductions

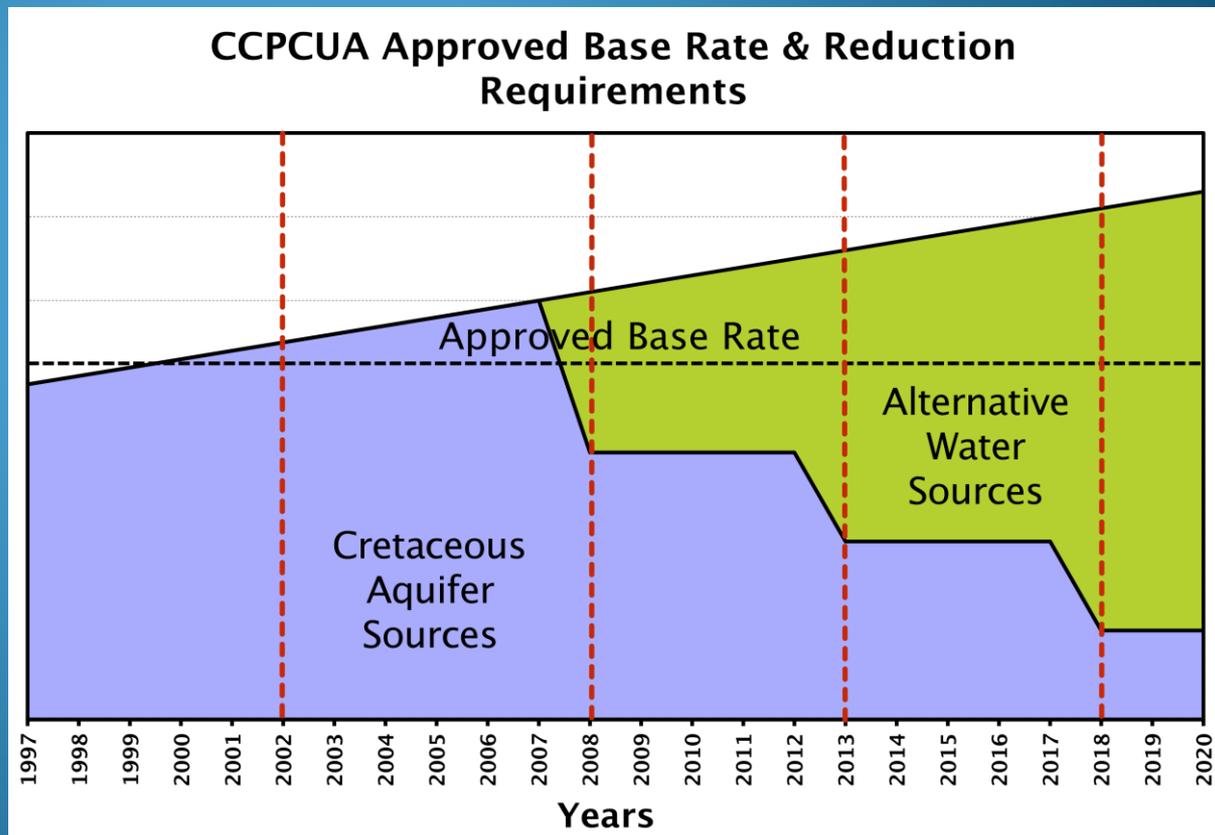
CCPCUA Cretaceous Aquifer Zones



- Cretaceous Zones: Declining Water Level, Dewatering, and Salt Water Encroachment
- Approved Base Rate (ABR)
- Water users required to reduce withdrawals between 2002 and 2018 by 30 to 75%, in three phases, from ABR.
- Affects 54 of 305 permit holders.

CCPCUA Assessments

- 15A NCAC 2E .0503(7) requires an analysis of aquifer data in 2008, 2013 and 2018.
- These years coincide with the each phase of reduction.

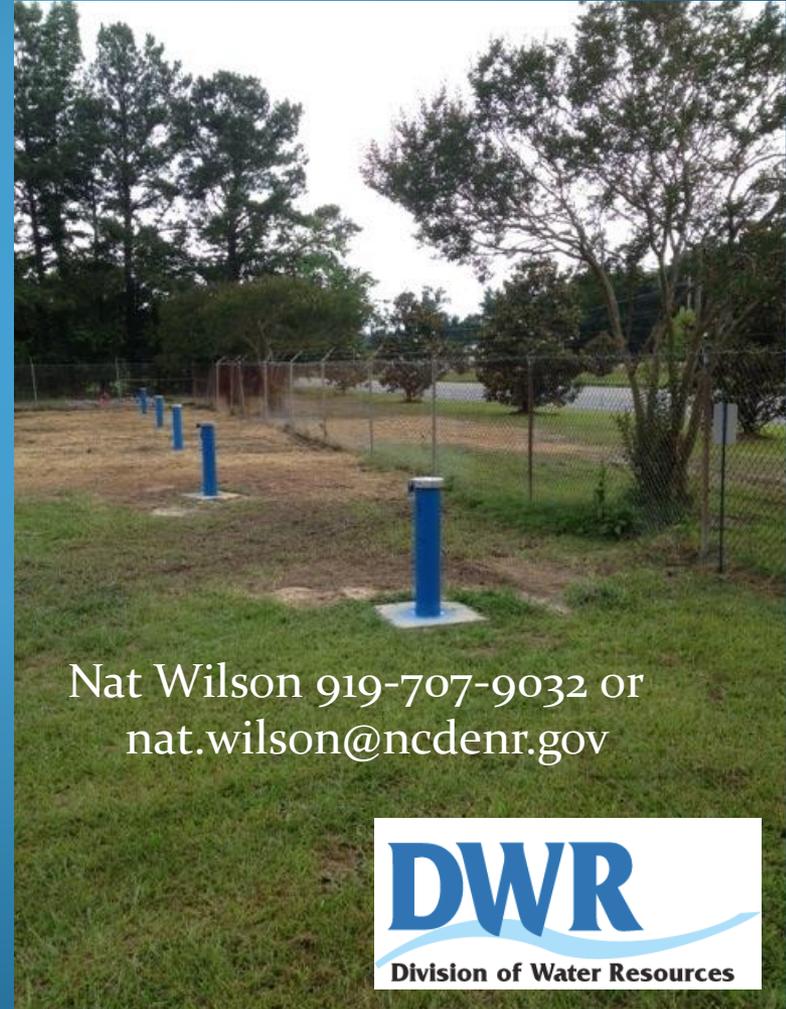


2013 Assessment Outcome

- As recommended by DWR, no action was taken by the EMC to change reduction zone boundaries or rule language.
- DWR began using temporary permits where aquifer conditions meet specific requirements.
- Temporary permits allowed relaxation of reduction standards for individual permit holders where we're seeing sustainable aquifer use.
- Temporary permit status can be removed if aquifer conditions don't continue to meet criteria and permit holder would be held to reduction schedule withdrawals.

2018 Assessment Plan

- The draft document will be available on our website by the end of March.
- Permit holders and registrants will be notified by mail.
- DWR will accept public comments on the draft document before June 1.
- A public meeting may be scheduled depending on comments.
- The final document, integrating comments, will be available for the July WAC meeting.
- WAC will need to vote on report recommendations.



Nat Wilson 919-707-9032 or
nat.wilson@ncdenr.gov

