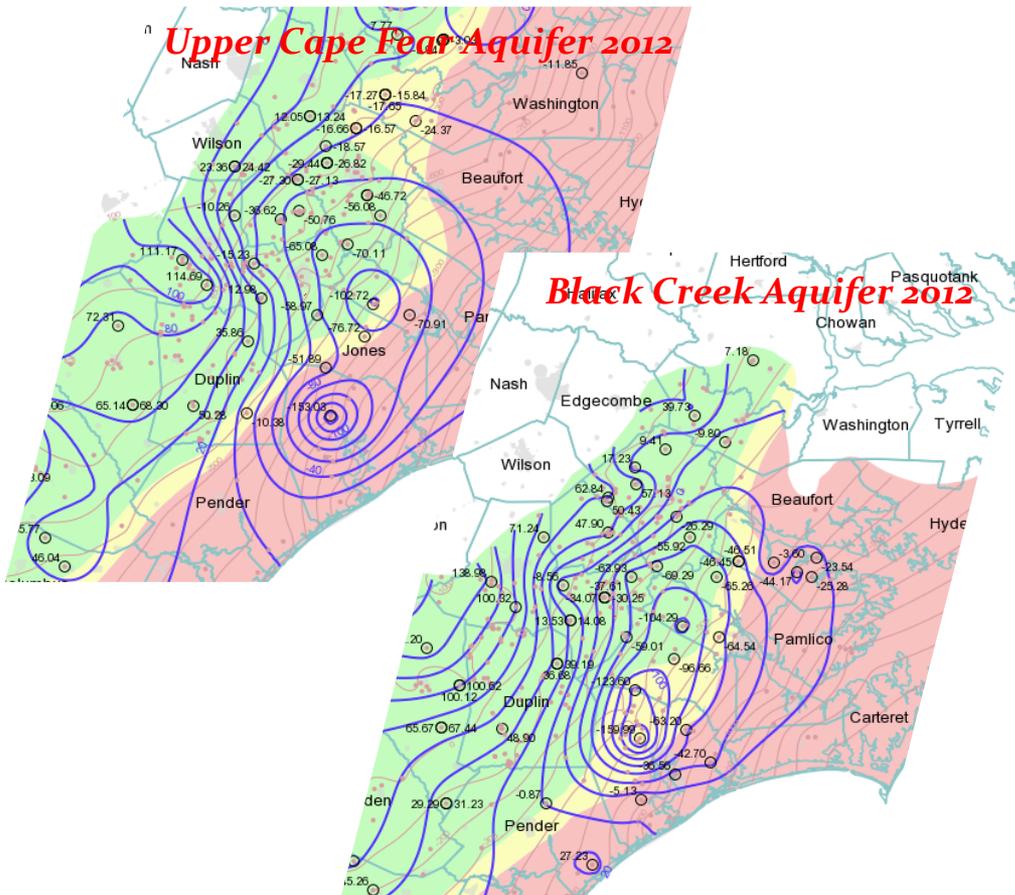


# 2013 CCPCUA Draft Assessment -- Update

## 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  
May 8, 2013

# Introduction & Assessment

## Conclusions

- Kinston public meeting on April 16
- Public comments
- Assessment plans
- No changes to reduction zone map or percentages
- Use provision .0502 (p) to allow more flexibility to manage reductions; use temporary permit clause and reduction well criteria

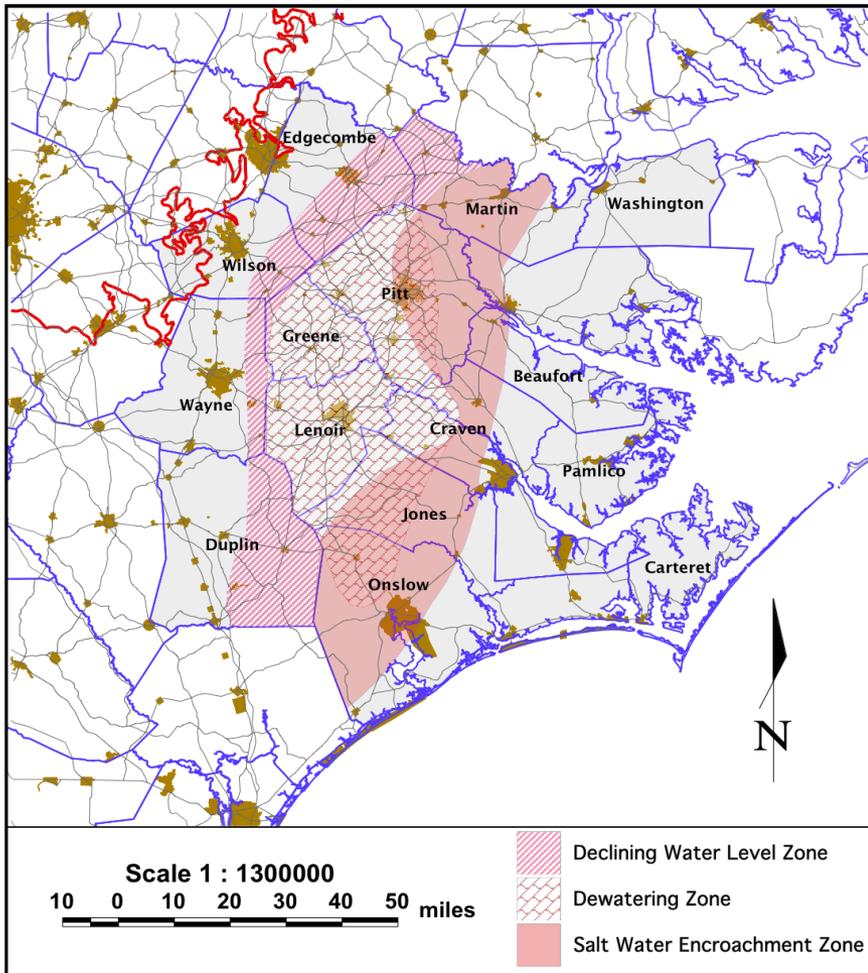
# Kinston Public Meeting

- Lenoir Community College
- 44 registered attendees
- Handful of DWR employees
- Web-conference recording is available
- Still compiling meeting comments



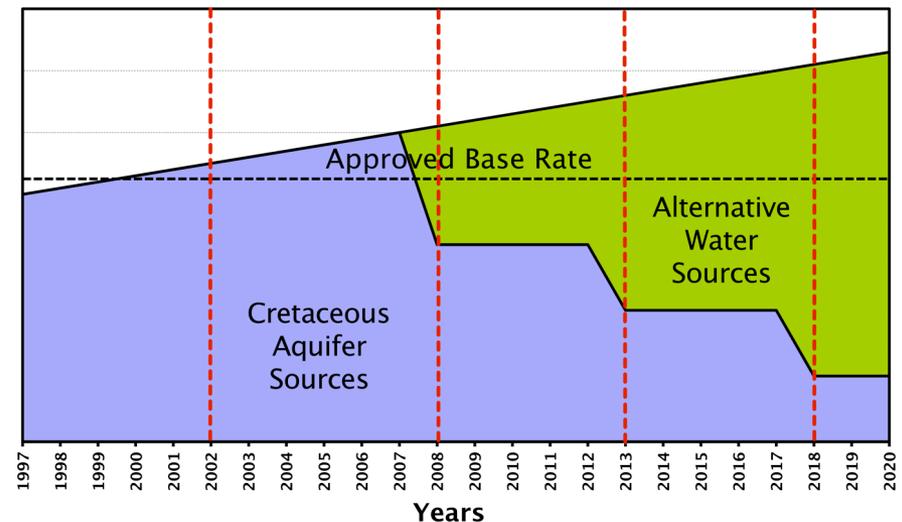
# Reduction Zones

## CCPCUA Cretaceous Aquifer Zones



- Reduction zones dictate the percentage reduction from an approved base rate

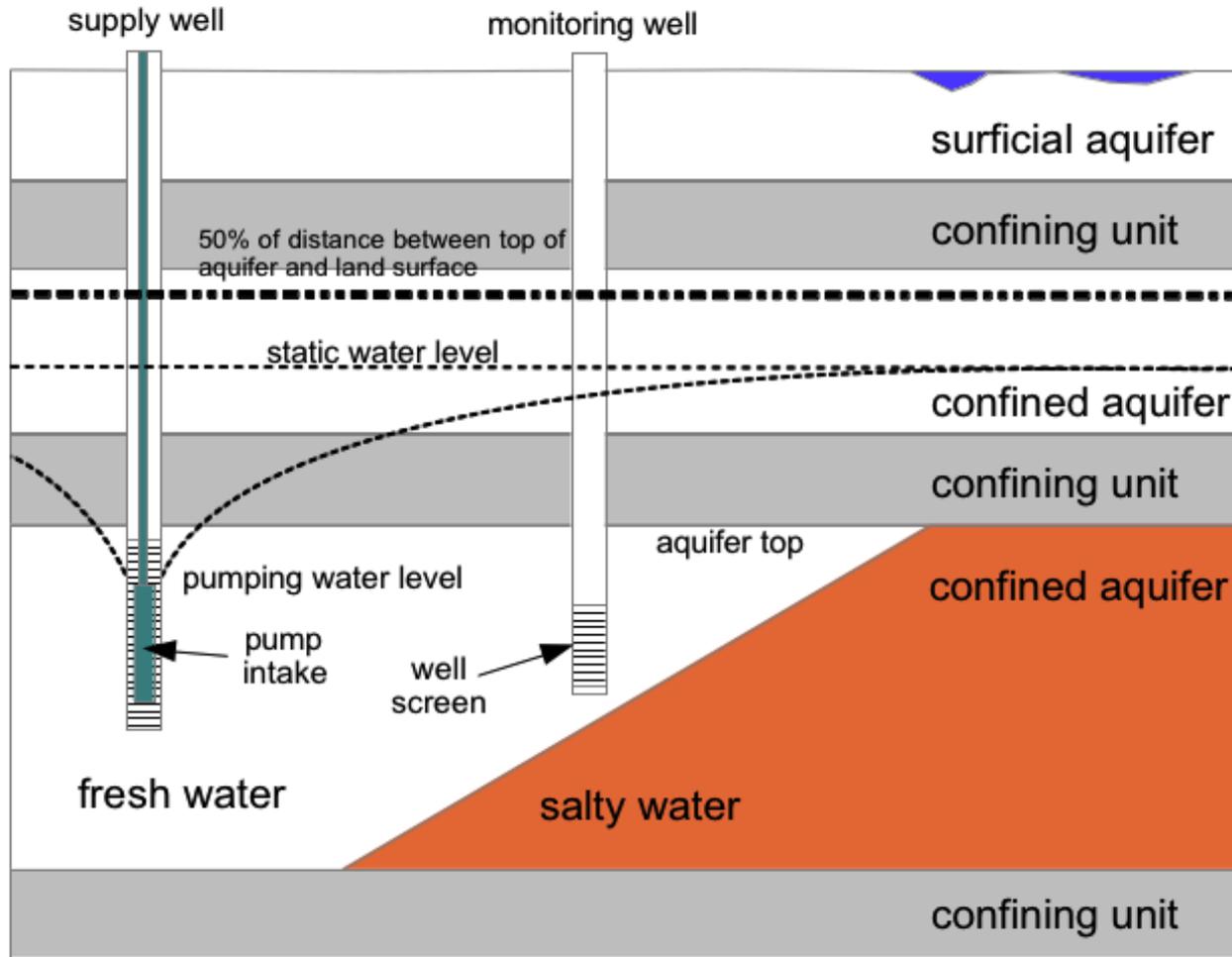
## CCPCUA Approved Base Rate & Reduction Requirements



# Proposed Changes to Permit Review Process

- Division needs flexibility to offer permit holders a different plan than reduction schedule in rule
- Only offer different plan if reduction wells meet certain criteria
- Economic hardship may be a valid factor for a different reduction plan
- More customer service oriented approach
- Static water levels must be at least 50% of distance between aquifer top and land surface
- Static water level trends must be level or upward trending
- Pump intakes must be above aquifer top
- Pumping water levels must be above aquifer top
- Chloride concentrations in monitoring wells are fresh with no upward trend

# Criteria Diagram



# Comments Critical of Criteria

- 50% of the distance between the top of the aquifer and land surface is too stringent or impossible
- Three year static water level trend may be too difficult to meet -- use of water levels after a more recent date
- The criteria will allow some permit holders to stop investment on alternative water sources
- If a temporary permit is issued and then aquifer conditions worsen, permit holder may need more time to meet current reduction standards
- DWR expects that there will be changes to these draft criteria when finalized and presented to the EMC

# Comment Summary

- Do not change rules, either boundaries or percentage reductions
  - Agree with assessment of aquifer conditions
  - Do not agree with idea of temporary permit criteria
- 
- Agree with assessment of aquifer conditions
  - Use temporary permit criteria, but change them significantly to be less stringent

# 2013 Assessment Plans

- The draft is available as a downloadable document on our web site
- DWR will accept public comments on the draft document before June 1, 2013
- Comments can be made using mail or email
- 2<sup>nd</sup> draft document by mid June
- The final document with integrated comments, will be submitted to the EMC in September 2013

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