

South Carolina Air Quality Update

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EPA's Transportation Conformity Workshop
September 14, 2010

Discussion

- Pollutants subject to Transportation Conformity requirements
- Ozone design values at monitor locations
- Ozone design value trends
- Nonattainment boundaries – where we are today.

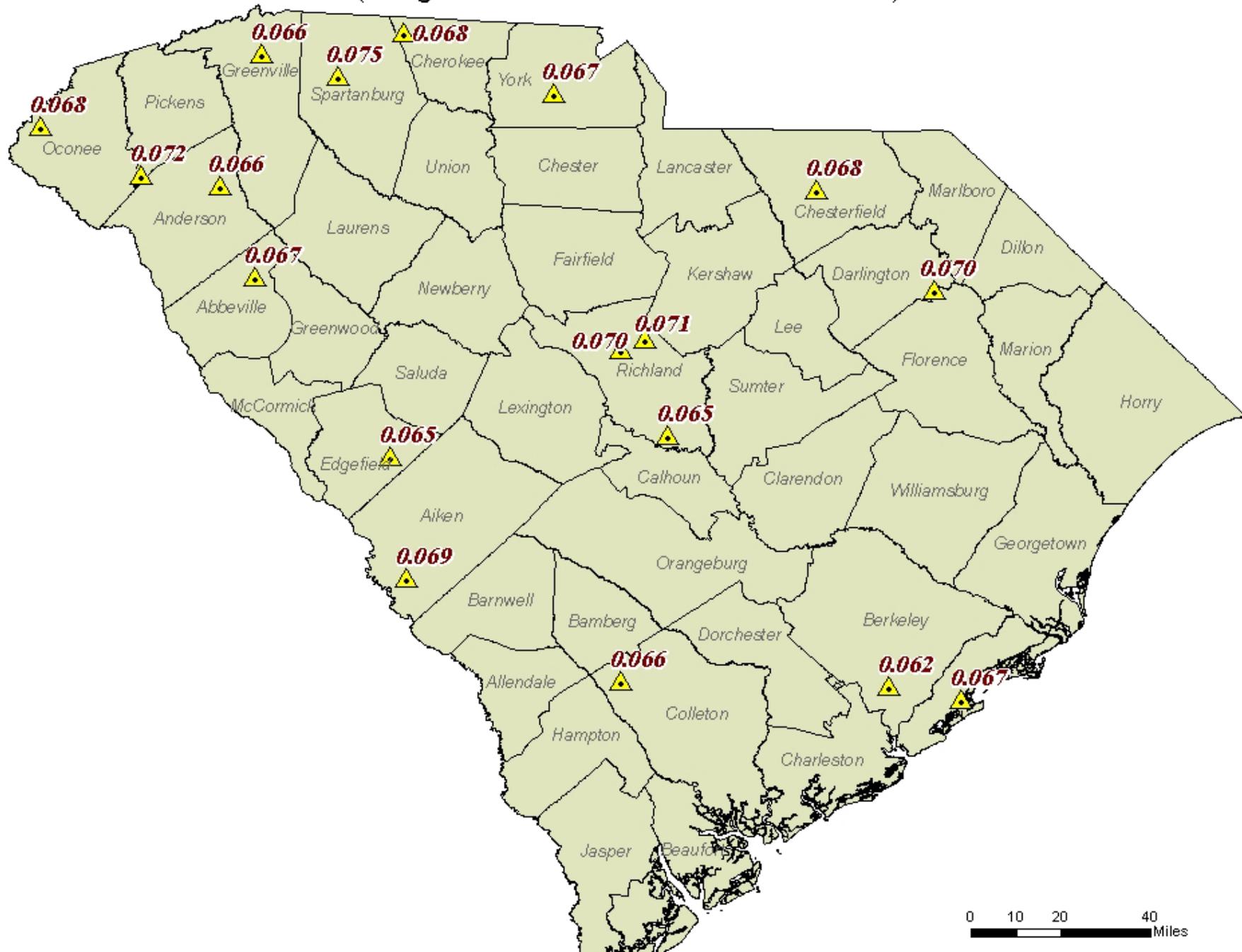
Pollutants subject to Transportation Conformity requirements

Transportation Conformity is required if an area is designated nonattainment for:

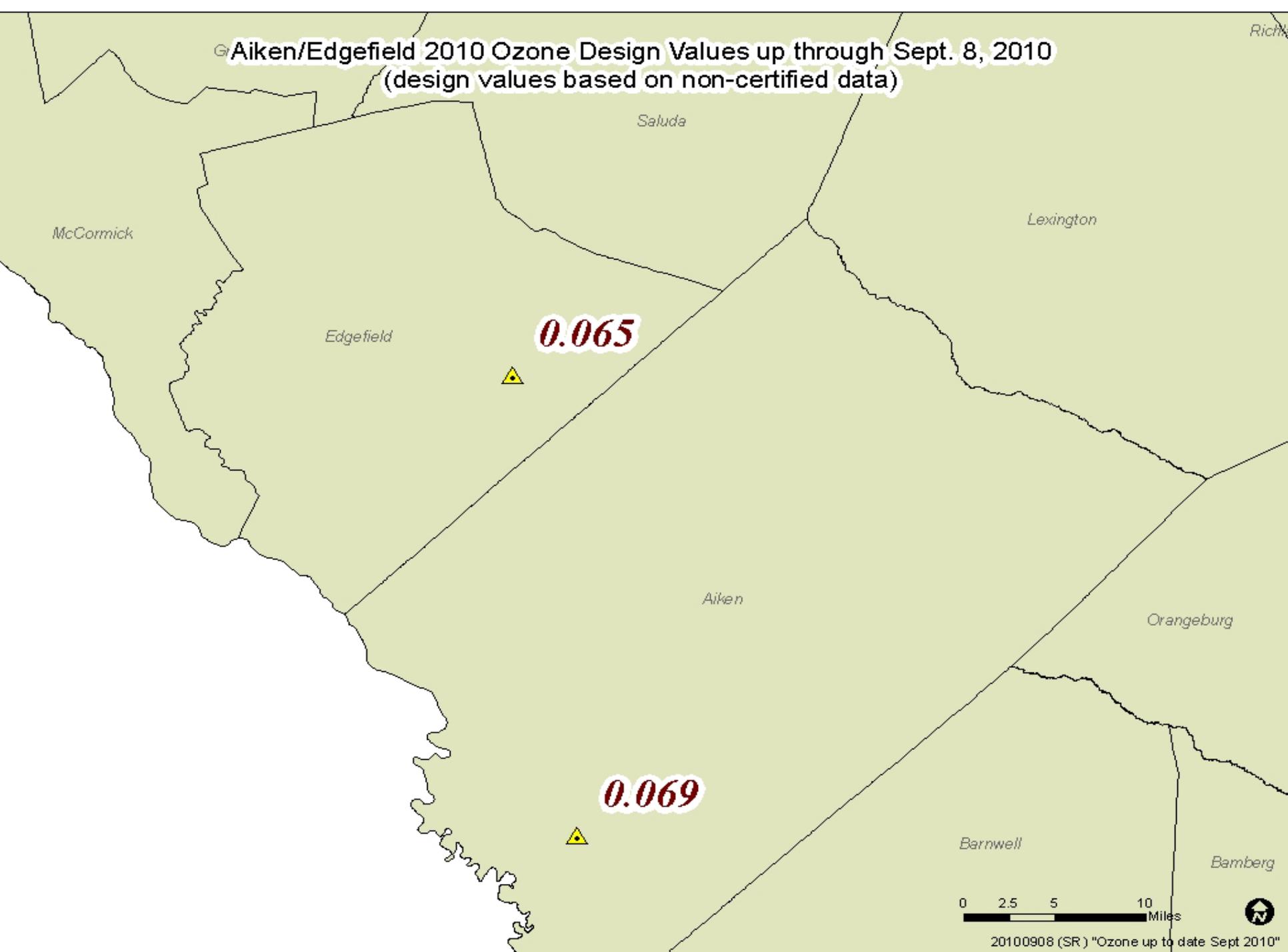
- Carbon Monoxide
- Particulate Matter
- Nitrogen Dioxide
- Ozone*

*currently our main concern...

South Carolina 2010 Ozone Design Values up through Sept. 8, 2010
(design values based on non-certified data)

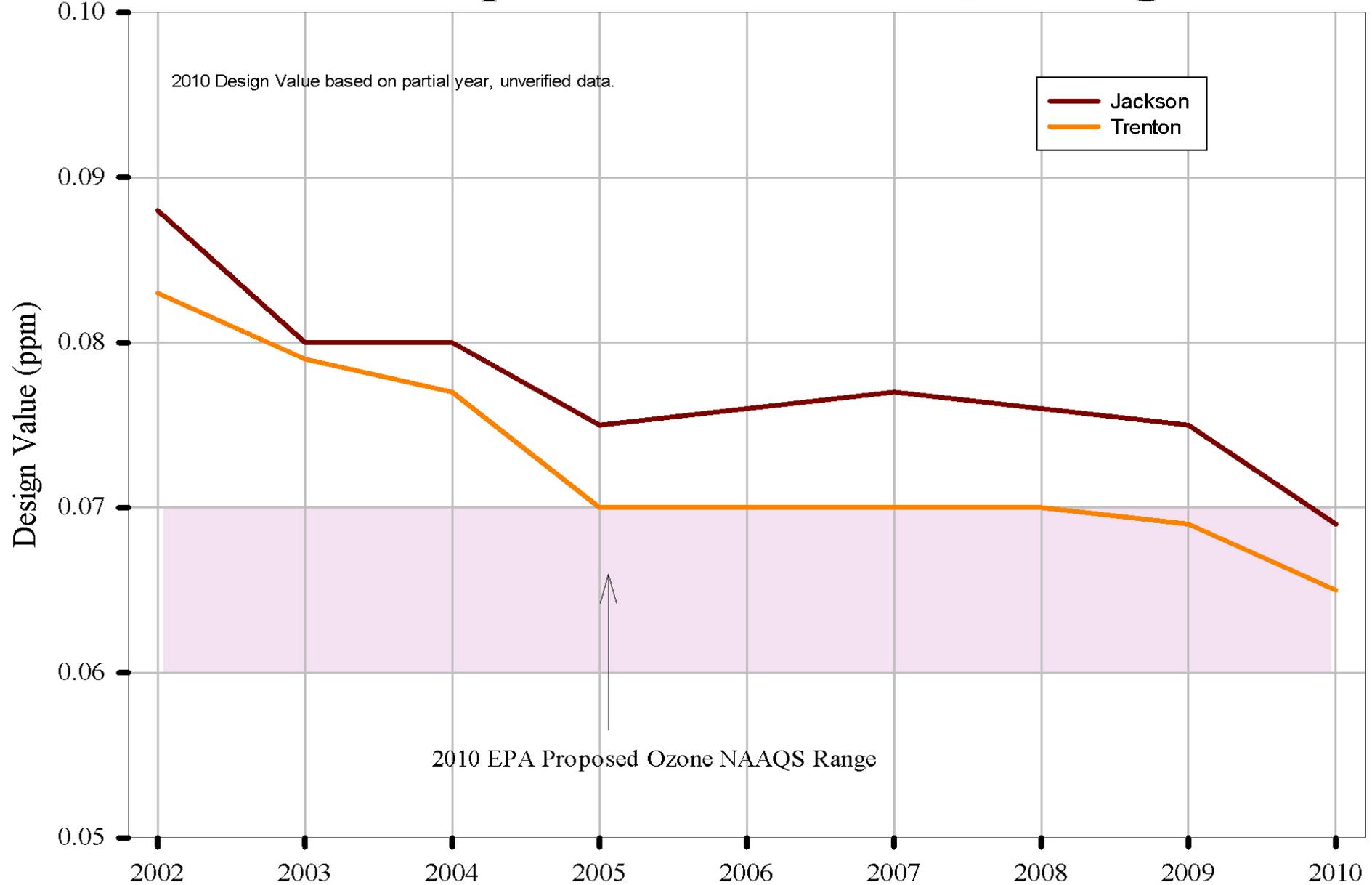


Aiken/Edgefield 2010 Ozone Design Values up through Sept. 8, 2010
(design values based on non-certified data)

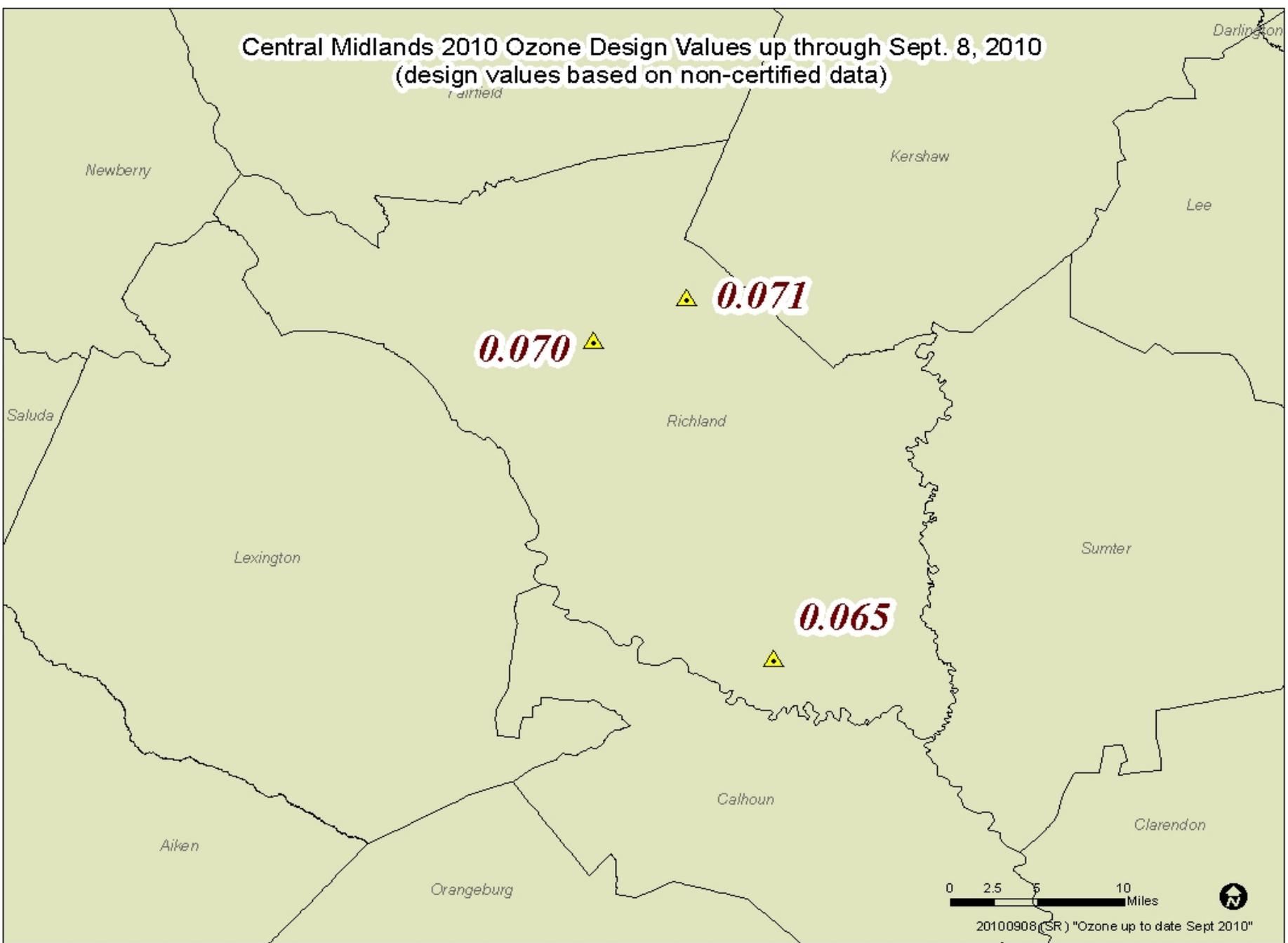


0 2.5 5 10 Miles

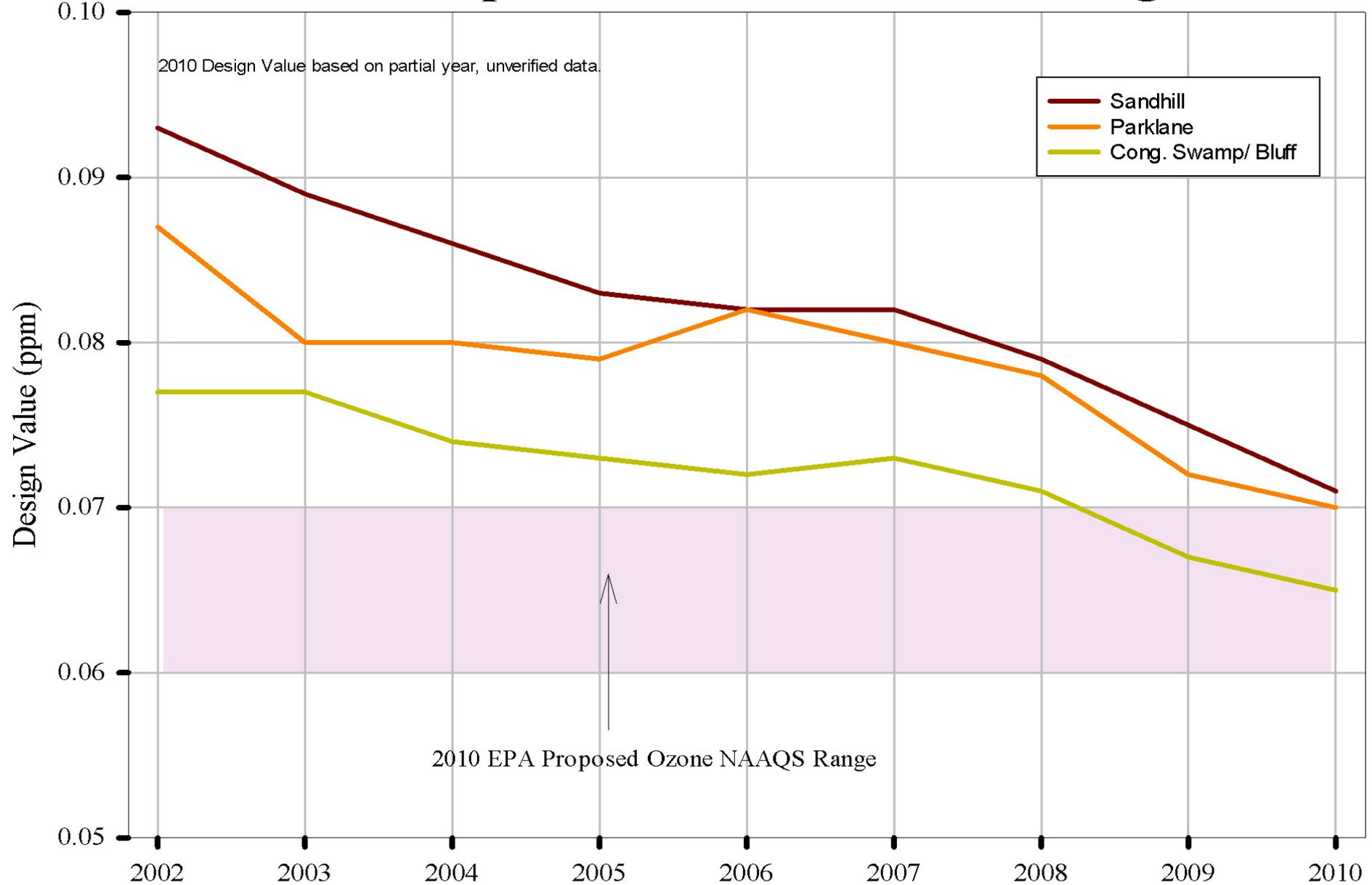
CSRA Ozone Design Value Trend and EPA Proposed Ozone NAAQS Range



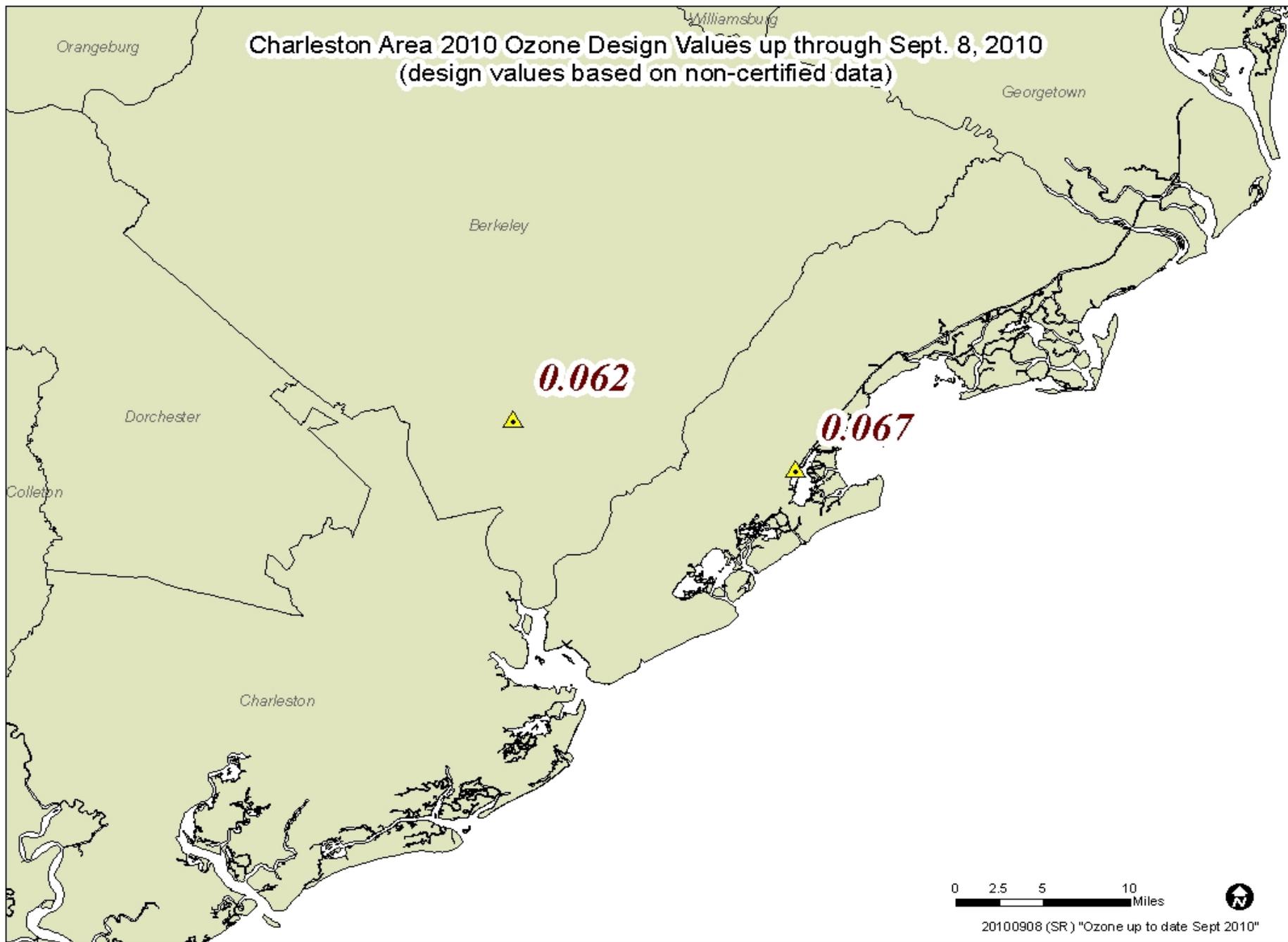
Central Midlands 2010 Ozone Design Values up through Sept. 8, 2010
(design values based on non-certified data)



Midlands Ozone Design Value Trend and EPA Proposed Ozone NAAQS Range



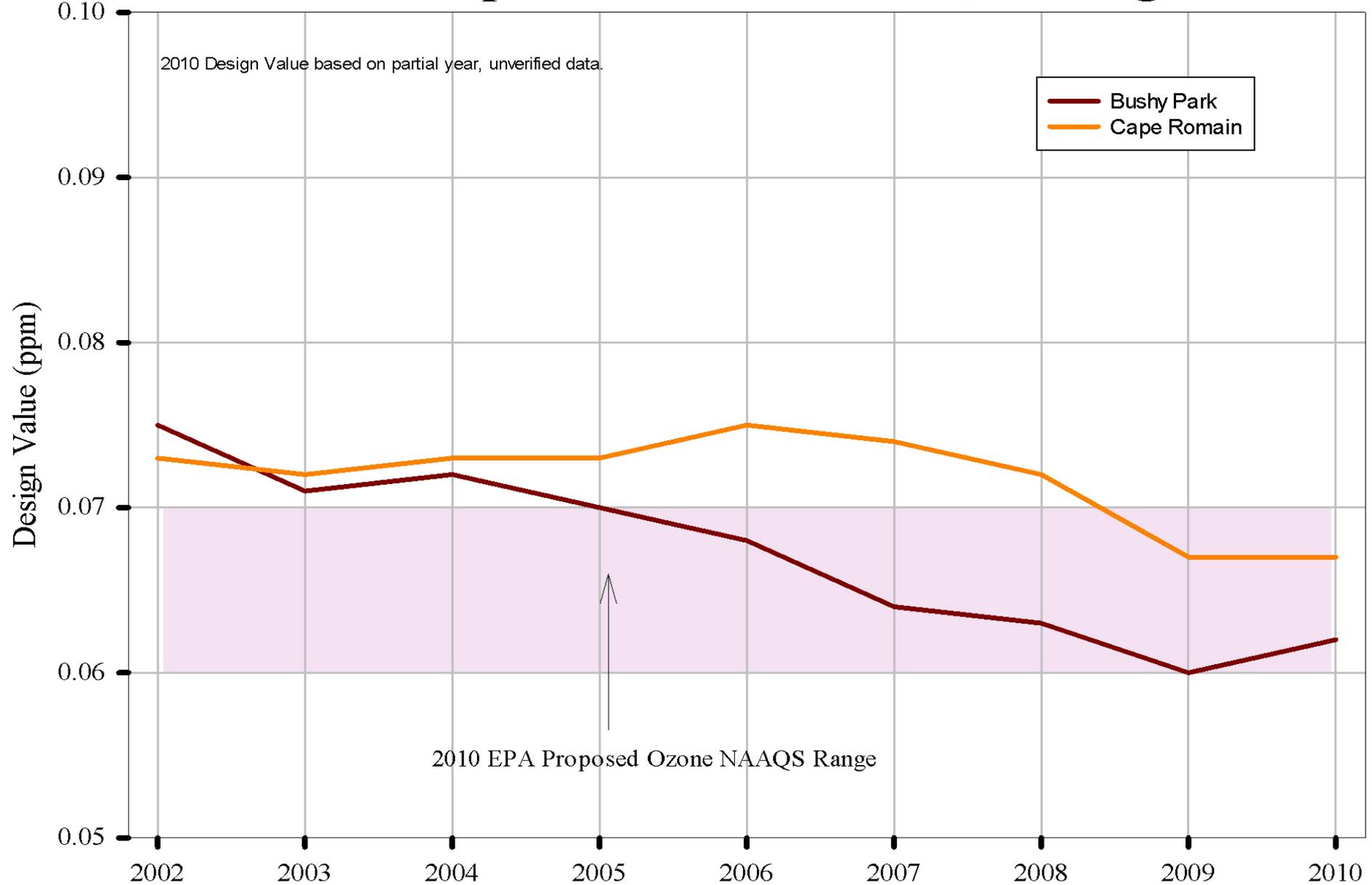
Charleston Area 2010 Ozone Design Values up through Sept. 8, 2010
(design values based on non-certified data)



0 2.5 5 10 Miles



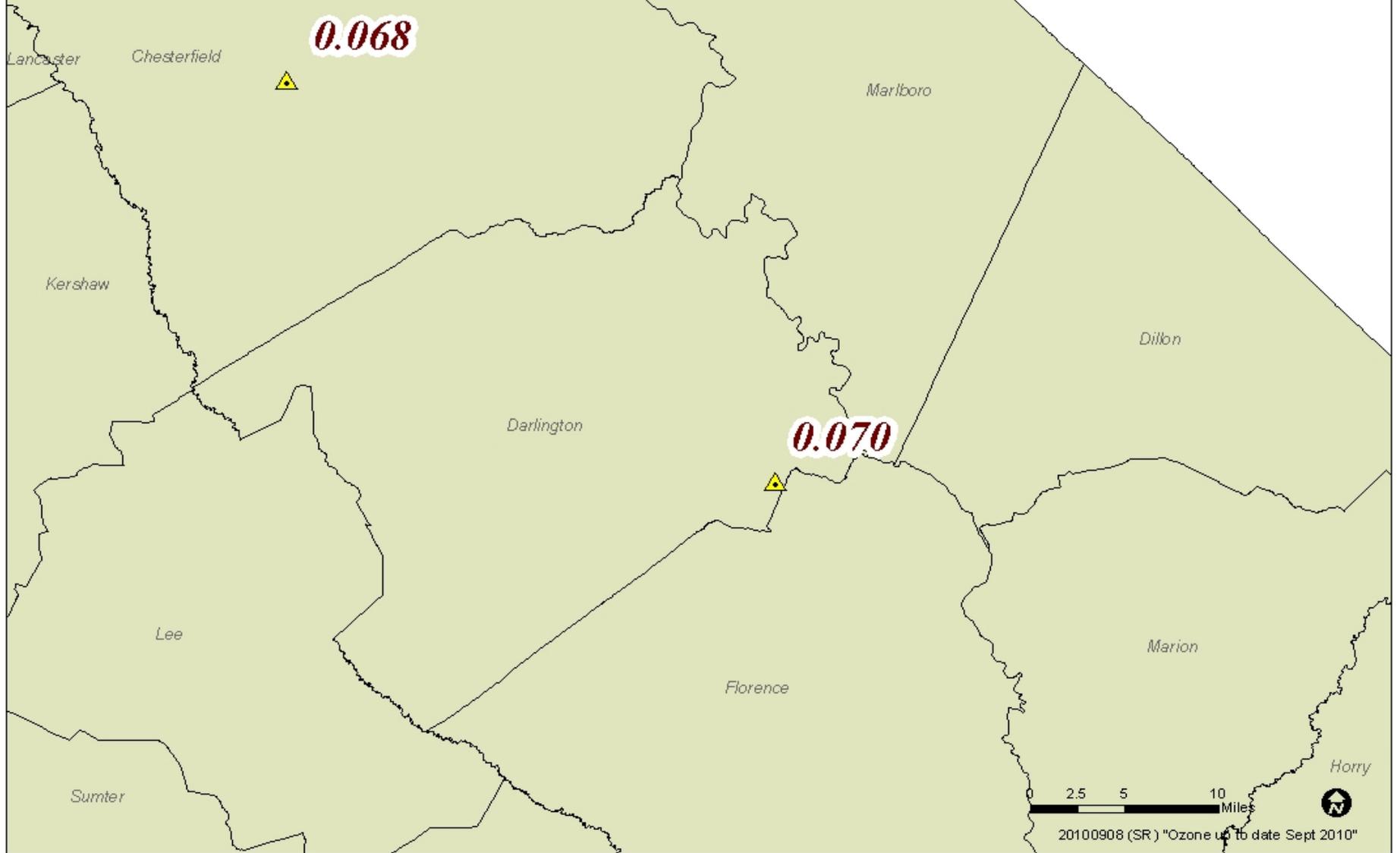
Charleston Ozone Design Value Trend and EPA Proposed Ozone NAAQS Range



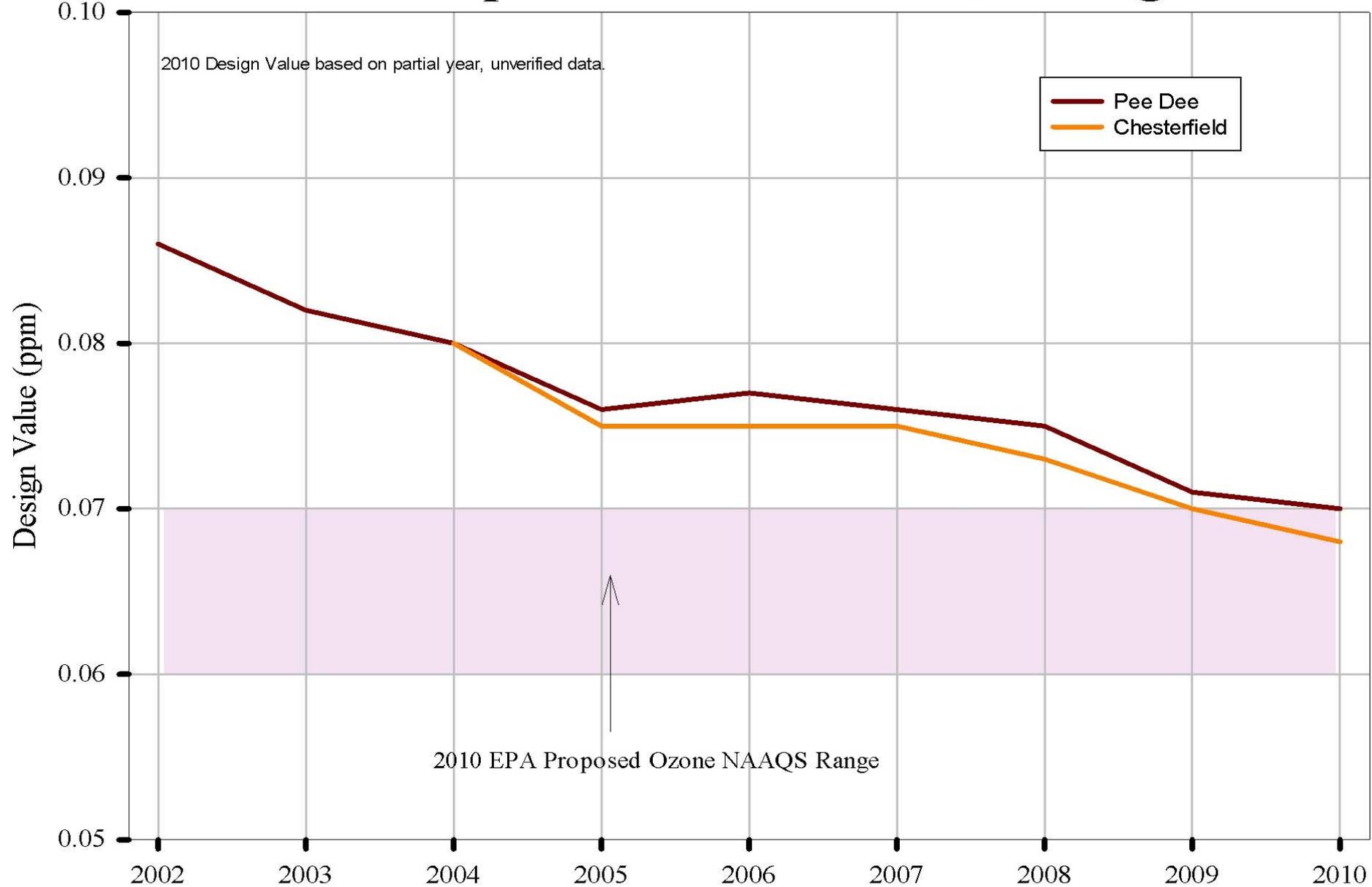
Pee Dee 2010 Ozone Design Values up through Sept. 8, 2010
(design values based on non-certified data)

0.068

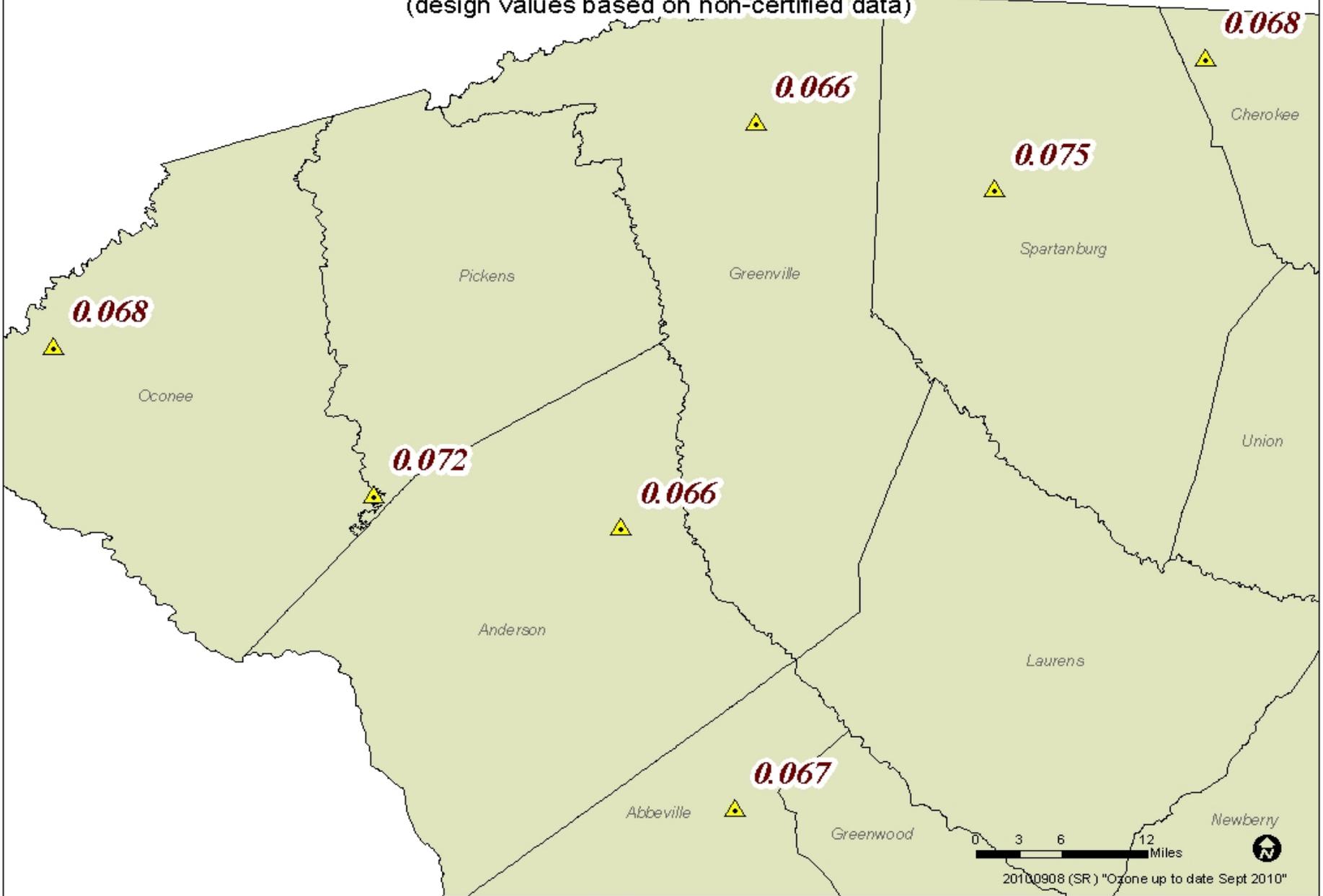
0.070



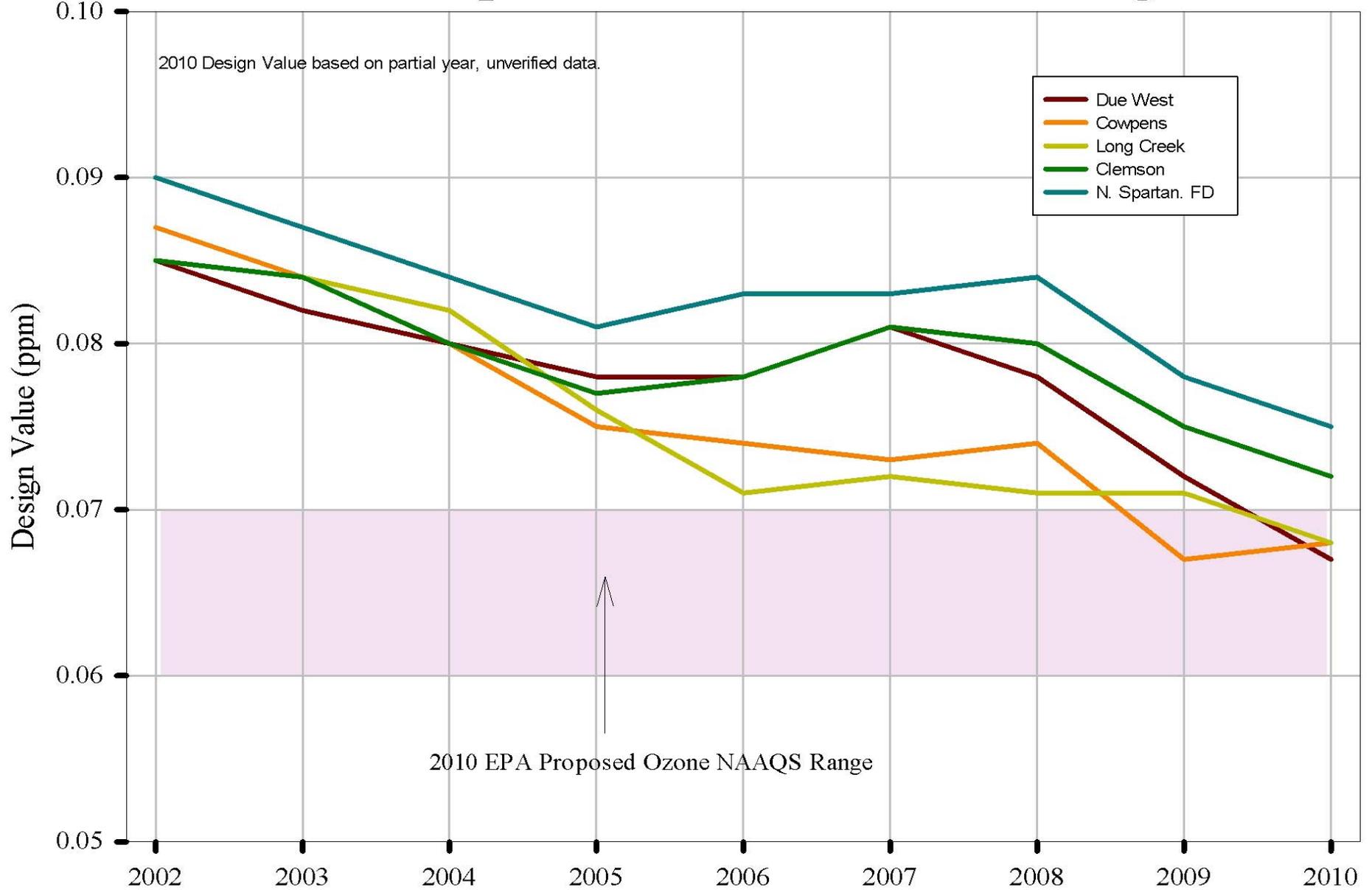
Pee Dee Area Ozone Design Value Trend and EPA Proposed Ozone NAAQS Range



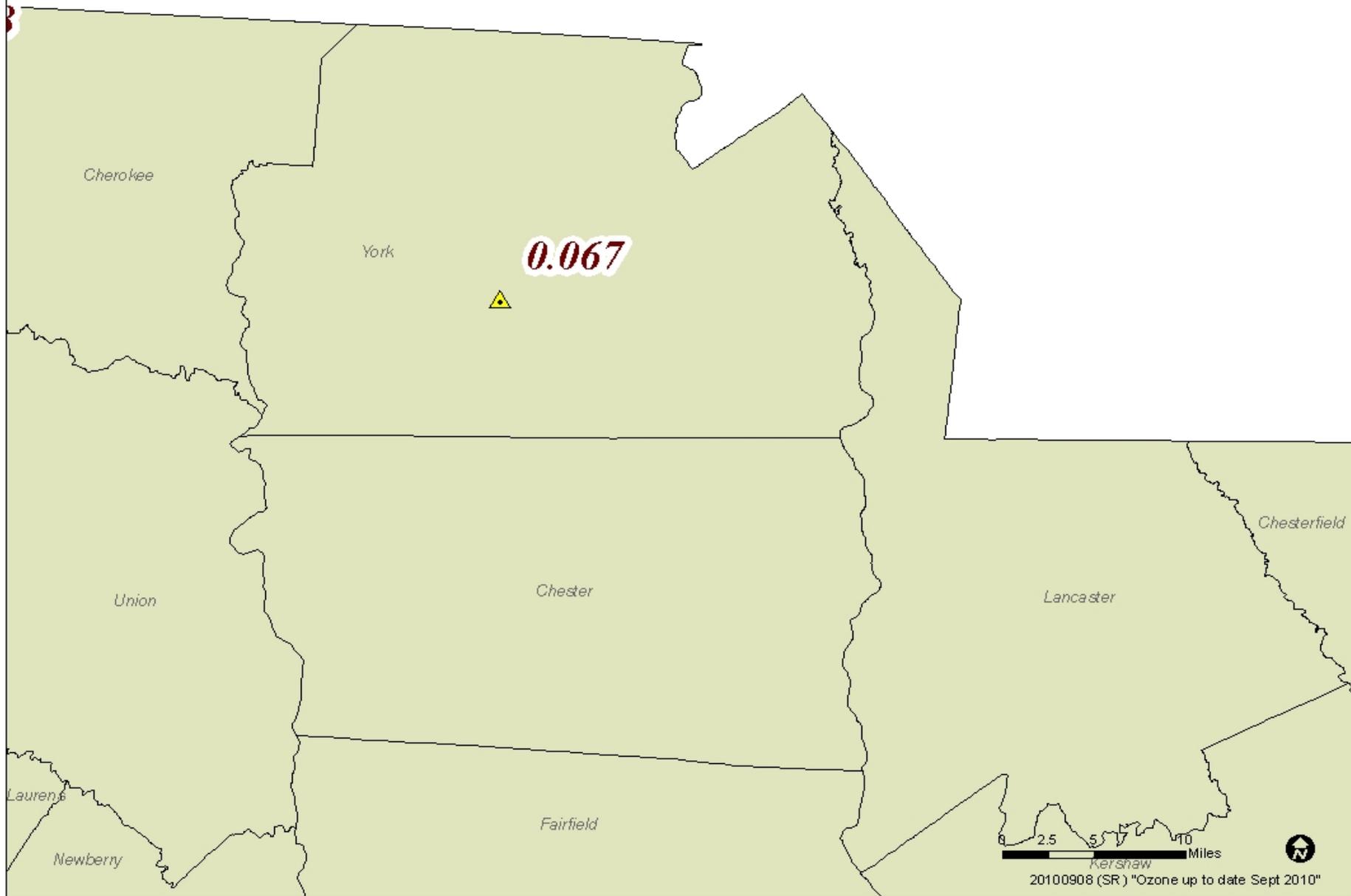
Upstate 2010 Ozone Design Values up through Sept. 8, 2010
(design values based on non-certified data)



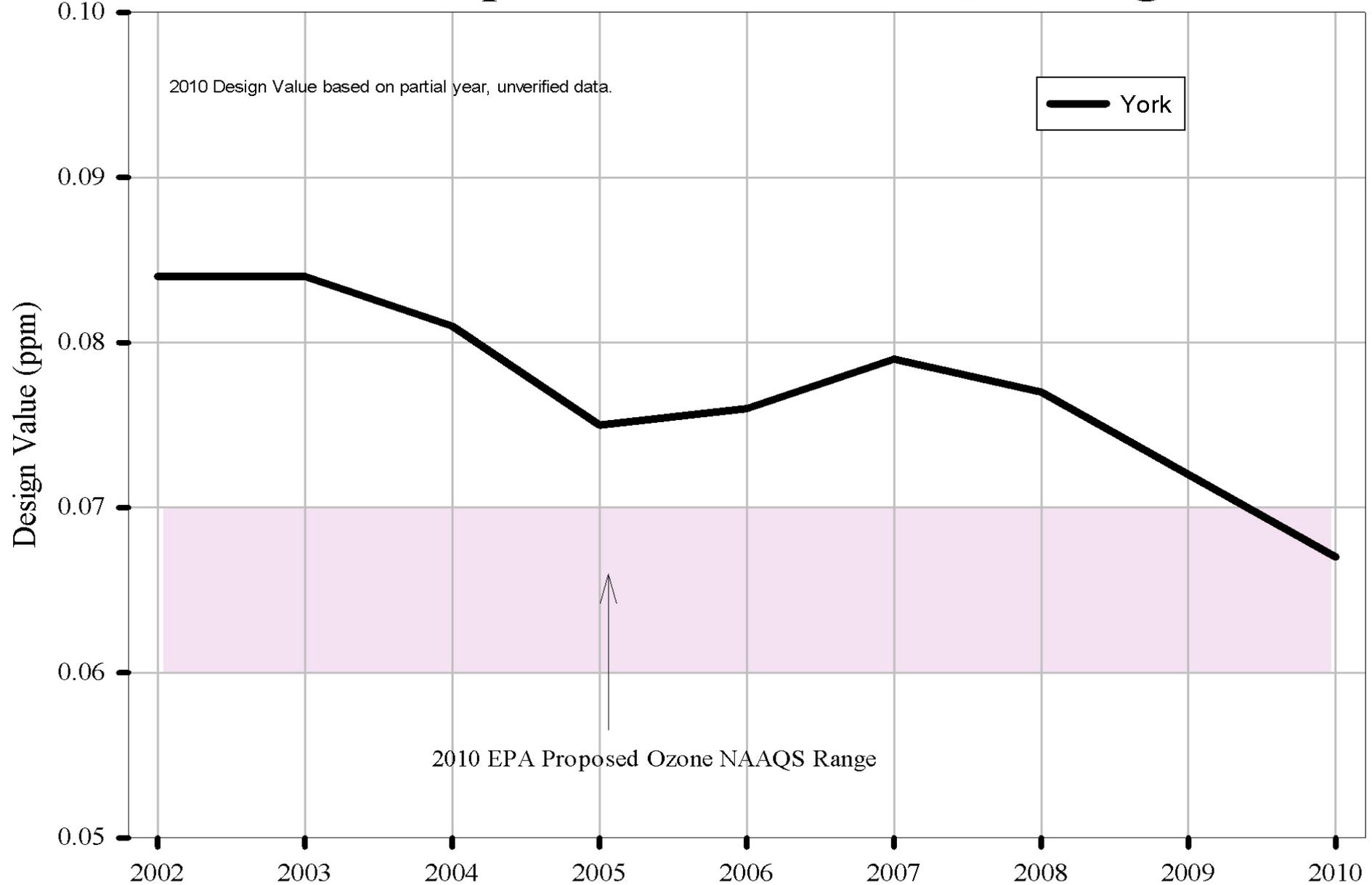
Upstate Ozone Design Value Trend and EPA Proposed Ozone NAAQS Range



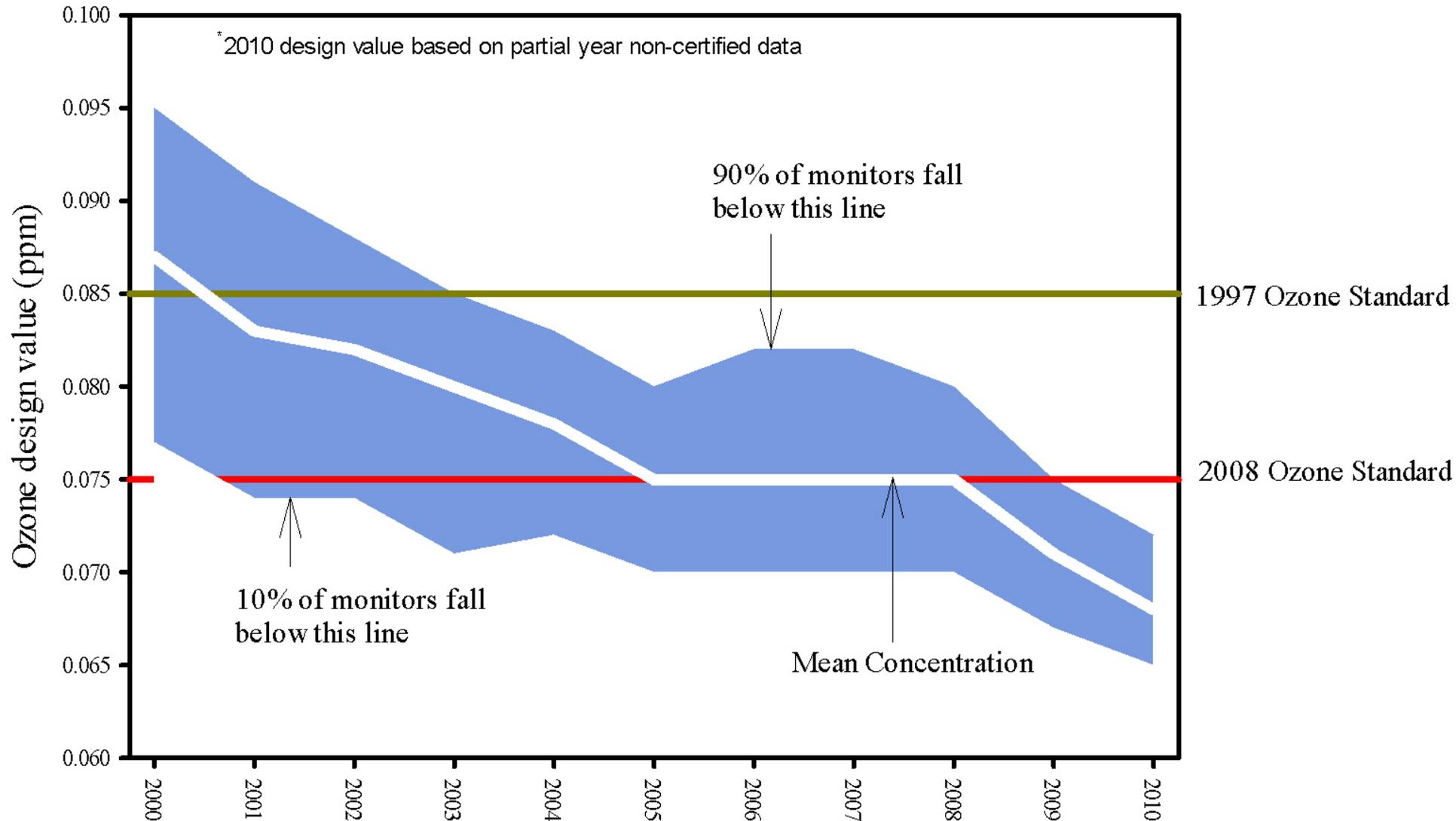
York 2010 Ozone Design Values up through Sept. 8, 2010
(design values based on non-certified data)



York Ozone Design Value Trend and EPA Proposed Ozone NAAQS Range



Statewide Ozone Design Value Trends (2000-2010*)



What about those boundaries?

- Guidance? EPA still referring back to December 4, 2008, Guidance Memo, but new guidance expected with Implementation Rule (expect proposed IR with final standard).
- What will presumptive nonattainment area be?
- Secondary standard: Separate/unique guidance and factors?
- Need your input!
 - After standard finalized and before submitted to EPA.
 - After EPA proposes boundaries – 30 to 60 day comment period.

Questions?

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