



Air Quality in South Carolina?

Myra C. Reece, Chief
Bureau of Air Quality
CAPCA-Fall 2005





CAPCA UPDATE

- Staff Changes
- Ozone
- PM_{2.5}
- Regulation development
- Other priorities



Changes in Management





BUREAU OF AIR QUALITY

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www.scdhec.net/baq/

September 16, 2005

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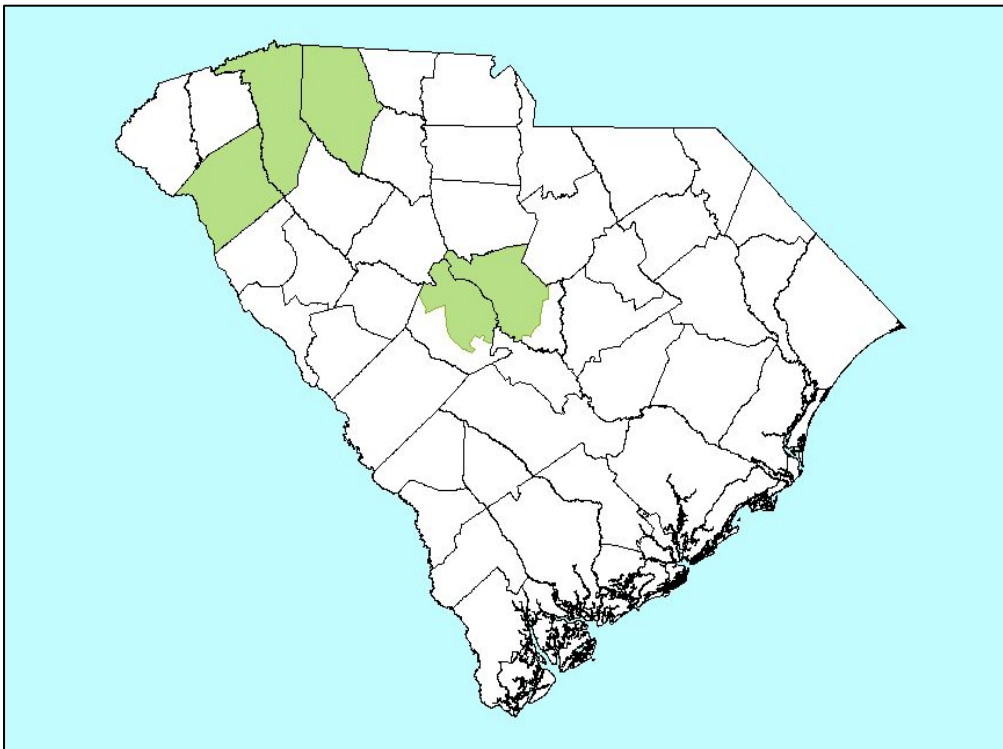
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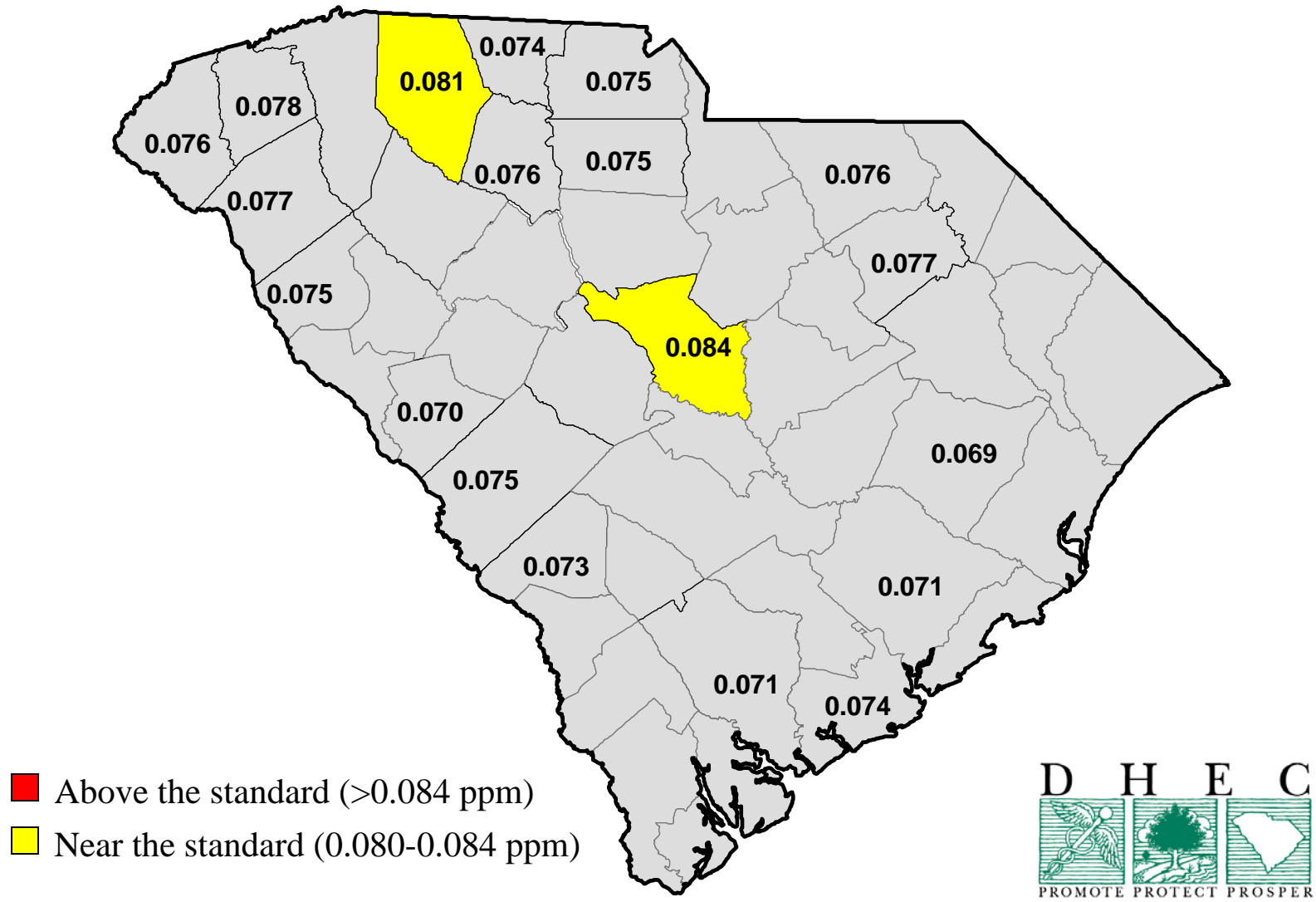


South Carolina 8-hour Ozone Deferred Nonattainment Areas



- 3 full counties and 2 partial counties
- attainment date ~ Dec. 31, 2007
- population ~ 1,293,665 citizens
- ~32.2% of South Carolina's population

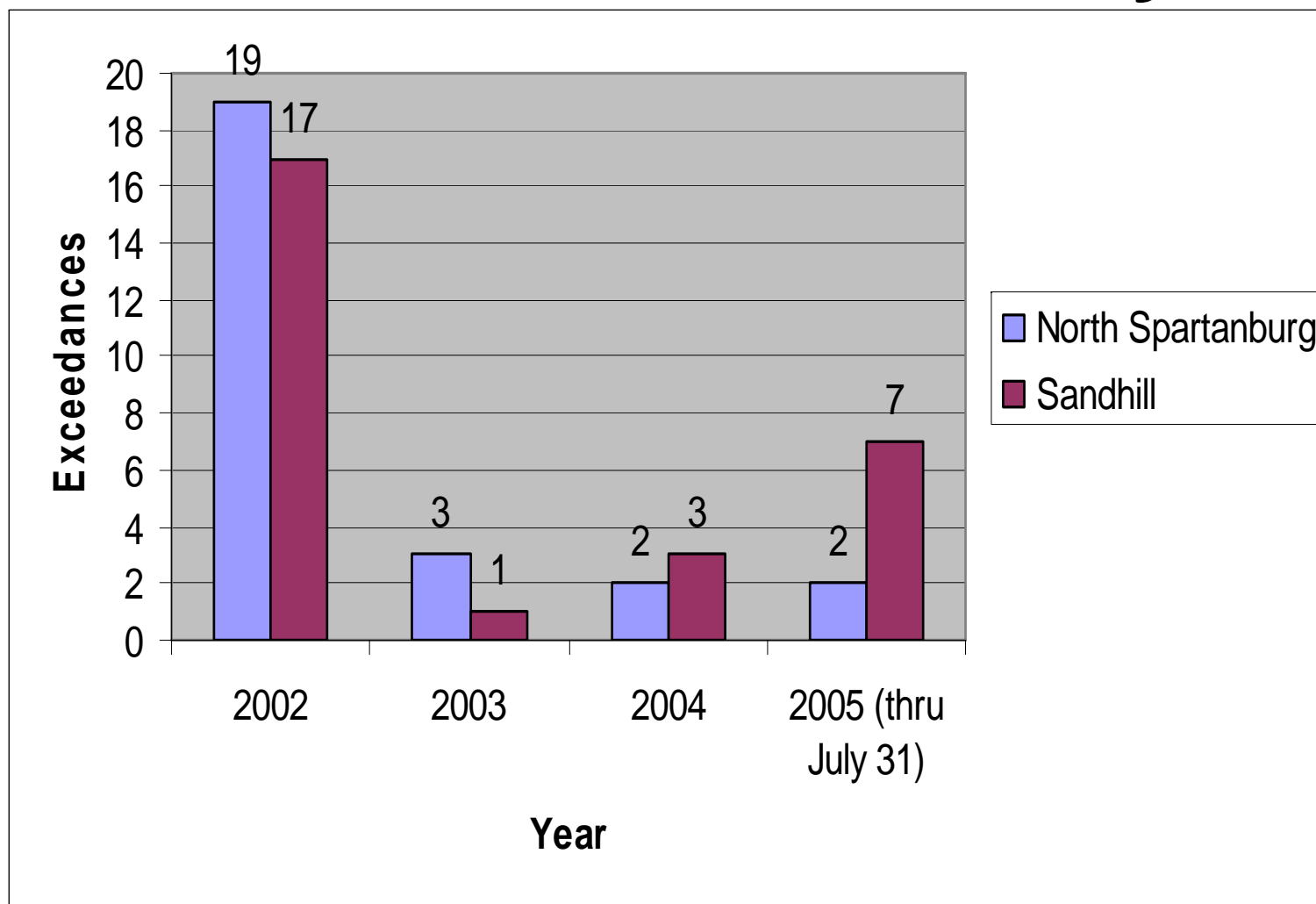
8-Hour Ozone Design Values for 2033-2005 in South Carolina*



* Data for 2005 has not been validated. Ozone season does not end until October 31. Due to rounding allowance, a violation is not triggered until 0.085 ppm.



Spartanburg/Sandhill Monitors: 8-Hour Exceedance Days





Presented to

Greenville County

**In recognition of your participation in the
8-hour Ozone Early Action Process**

*South Carolina Department of Health
and Environmental Control*

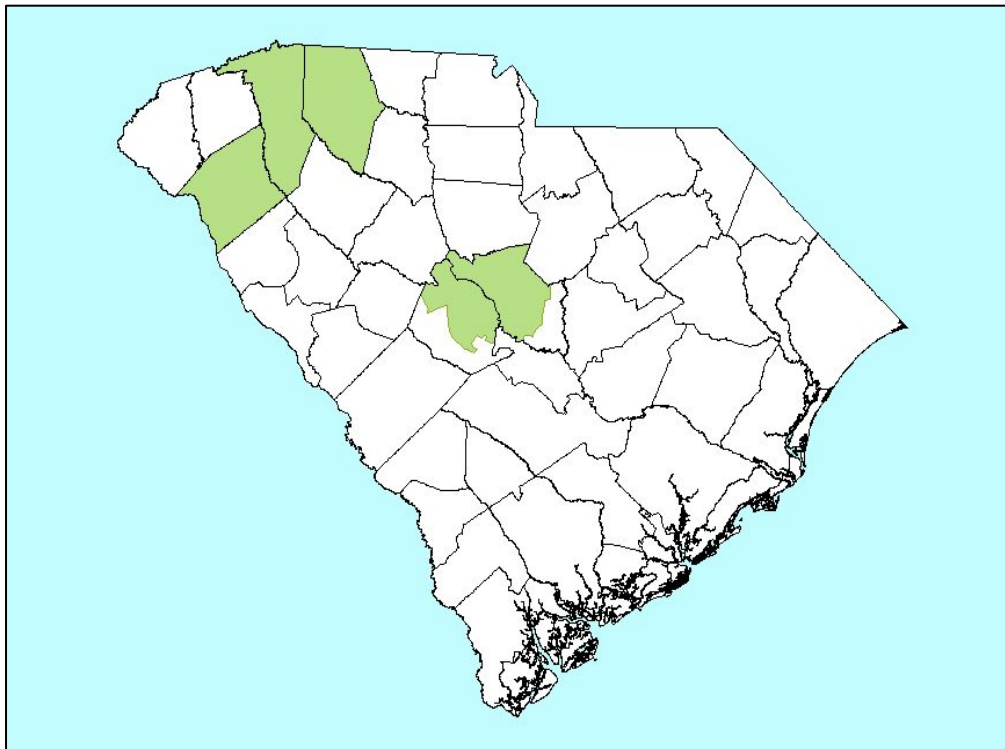
*Bureau of Air Quality
2005*



C. Earl Hunter
C. Earl Hunter, Commissioner



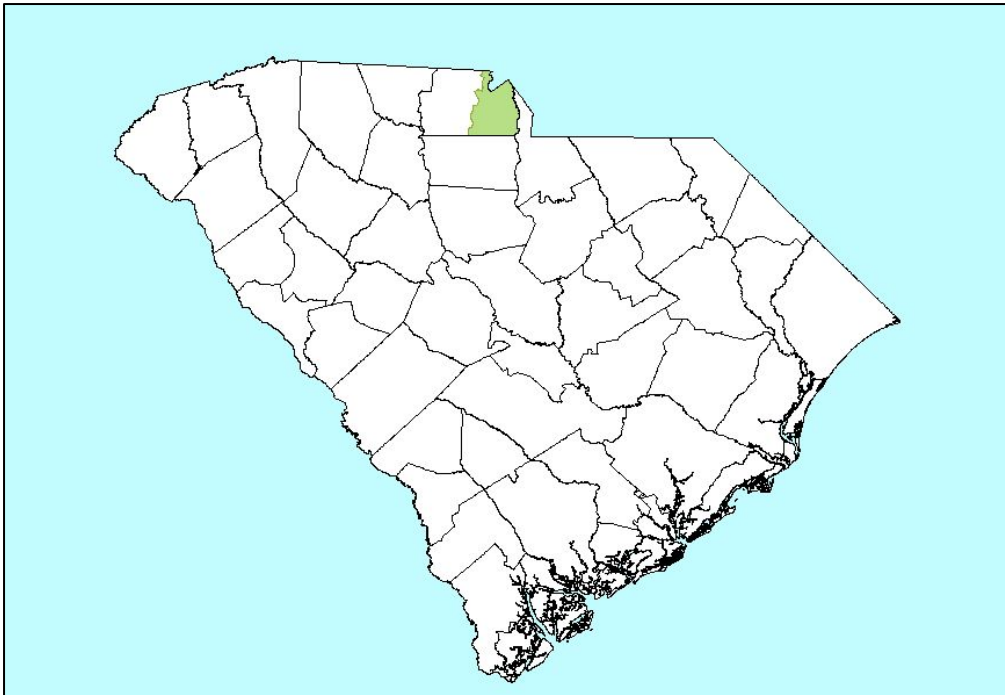
South Carolina 8-hour Ozone Deferred Nonattainment Areas



- **EAC Priorities**
 - **Strengthen local measures**
 - **More involvement with environmental groups**



York County 8-hour Ozone Nonattainment Area



- partial county
- Ineligible to participate in EAC (tied to Charlotte)
- population ~119,505 citizens
- attainment date ~ June 15, 2010



2005 DV for York County

.075



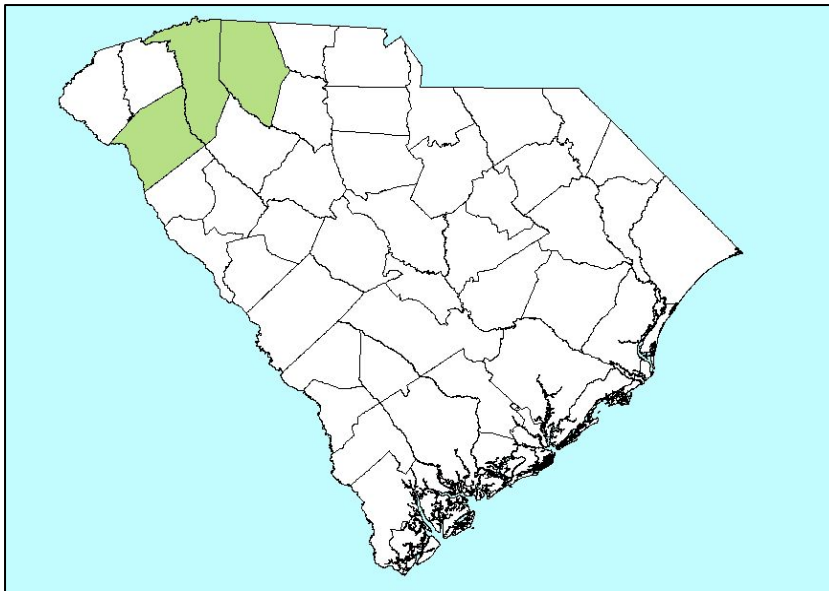
Nonattainment Requirements

York County

- NSR/Emission Offsets
- Transportation Conformity
- I & M ?
- RACT



South Carolina PM_{2.5} Unclassifiable Area



- 3 full counties
- 1 monitor of concern
- Special study
– last winter



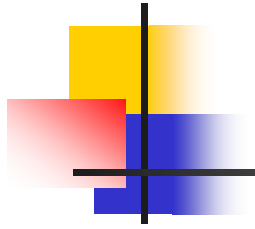
Major Points of PM_{2.5} Investigation

- Over 1 million data points
- Nearby boiler- Cleaner fuel
- Community grant secured



“Off-Ramps” to Attainment

- '02-'04 data
- Network audit
- Special study
 - High ratio days/ local source
 - Averaging more appropriate





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Path Forward

- Second winter study- October 1, 2005
- Community grant effort- October 27, 2005
- Routine stakeholder meetings- begin in November
- Prepare for the future/going beyond the standards



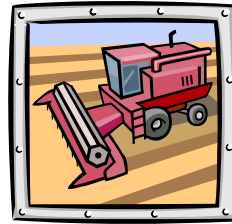
Regulation development

- Permit streamlining
- CAIR & CAMR
- Emissions offset trading
- Asbestos



Other Priorities

- Mobile Sources



- EACs – “taking them to the next level”



Hurricane Impacts



Katrina



PHOTOS COURTESY OF NOAA

Rita

South Carolina Air Quality Information

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