



Air Quality Crisis!

Midlands Air Quality Forum
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"Crisis"

What it means & what it doesn't mean

- Air Quality not getting worse....
- Standards are getting tighter....
 - The "good", the "bad" & the "ugly"
 - Healthy communities (good); nonattainment designations looming (bad); and politics, deals & court decisions, antiquated CAA (ugly)
- EPA designations
 - 1 pollutant at a time (total of 6)
 - EPA Playing "catch up" – 5 yr review requirement
 - Significant decisions every few months.....

Ongoing NAAQS Reviews: Current Schedule

MILESTONE	POLLUTANT						
	Lead	NO ₂ Primary	SO ₂ Primary	Ozone	NO ₂ /SO ₂ Secondary	CO	PM
NPR	New schedule being developed	<u>Jun 26, 2009</u>	<u>Nov 16, 2009</u>	Dec 21, 2009	<u>Feb 12, 2010</u>	<u>Oct 28, 2010</u>	July 2010
NFR	<u>Oct 15, 2008</u>	<u>Jan 22, 2010</u>	<u>Jun 2, 2010</u>	Aug 31, 2010	<u>Oct 19, 2010</u>	<u>May 13, 2011</u>	Oct 2011

NOTE:

Underlined dates indicate court-ordered or settlement agreement deadlines.

Currently negotiating 17 month extension of NO₂/SO₂ secondary schedule.






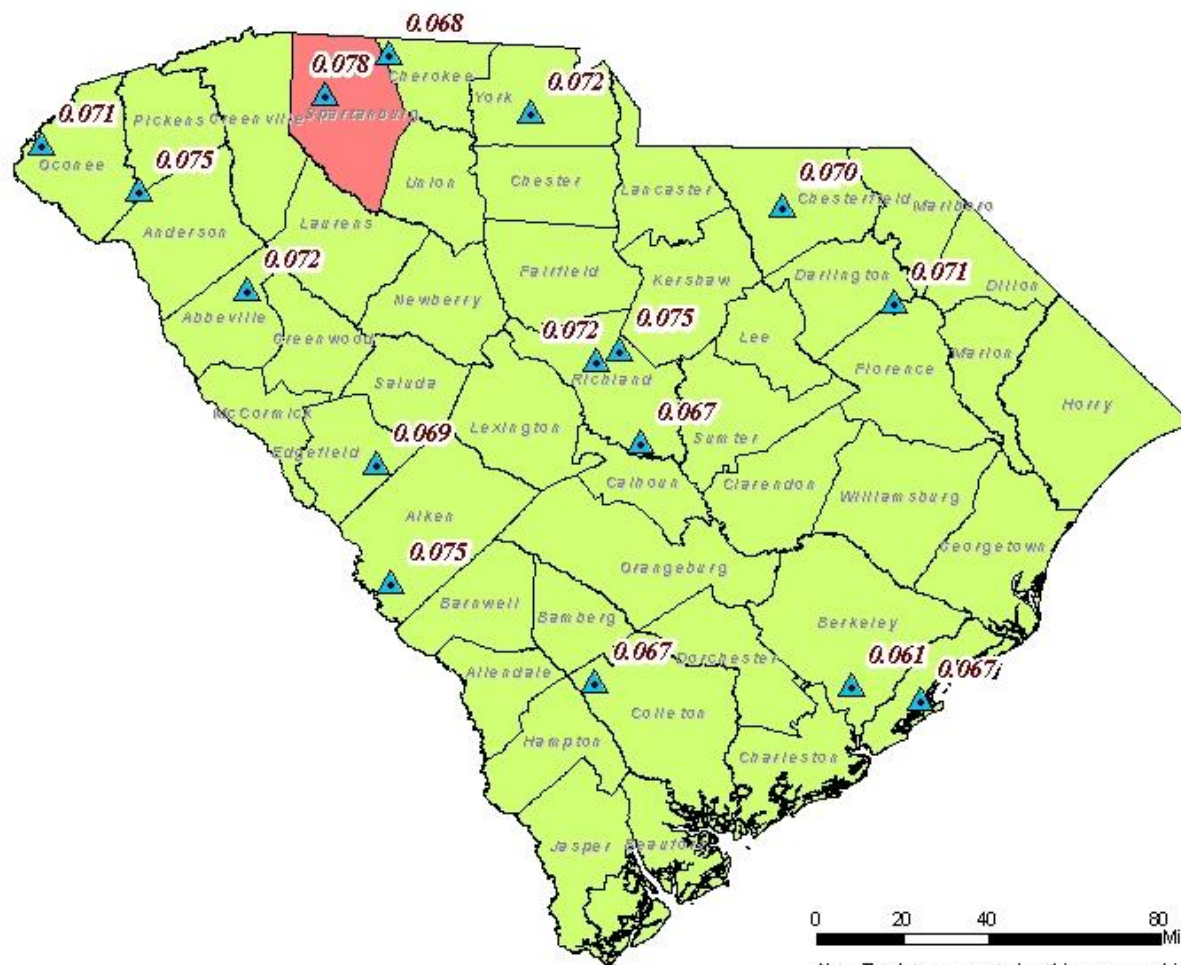
“Unprecedented Times” for Air Quality

- A lot of litigation.....hard to design state strategies
 - Need federal, state & local measures/leadership
- A lot of “emotions”
- A lot of uncertainty
 - New challenges.....antiquated CAA
 - Reconsideration of previous decisions....like the ozone std....Dec 21??

Counties with 2009 Ozone Design Values Above 0.075 Parts Per Million *

Legend

-  Ozone Monitor
-  Counties with monitors having DV's above 0.075 ppm
-  Other counties



Note: The data represented on this map are subject to frequent changes. Although this map is believed to be fundamentally accurate, no guarantees as to its accuracy or completeness can be implied. DHEC disclaims any liability with regards to this map.

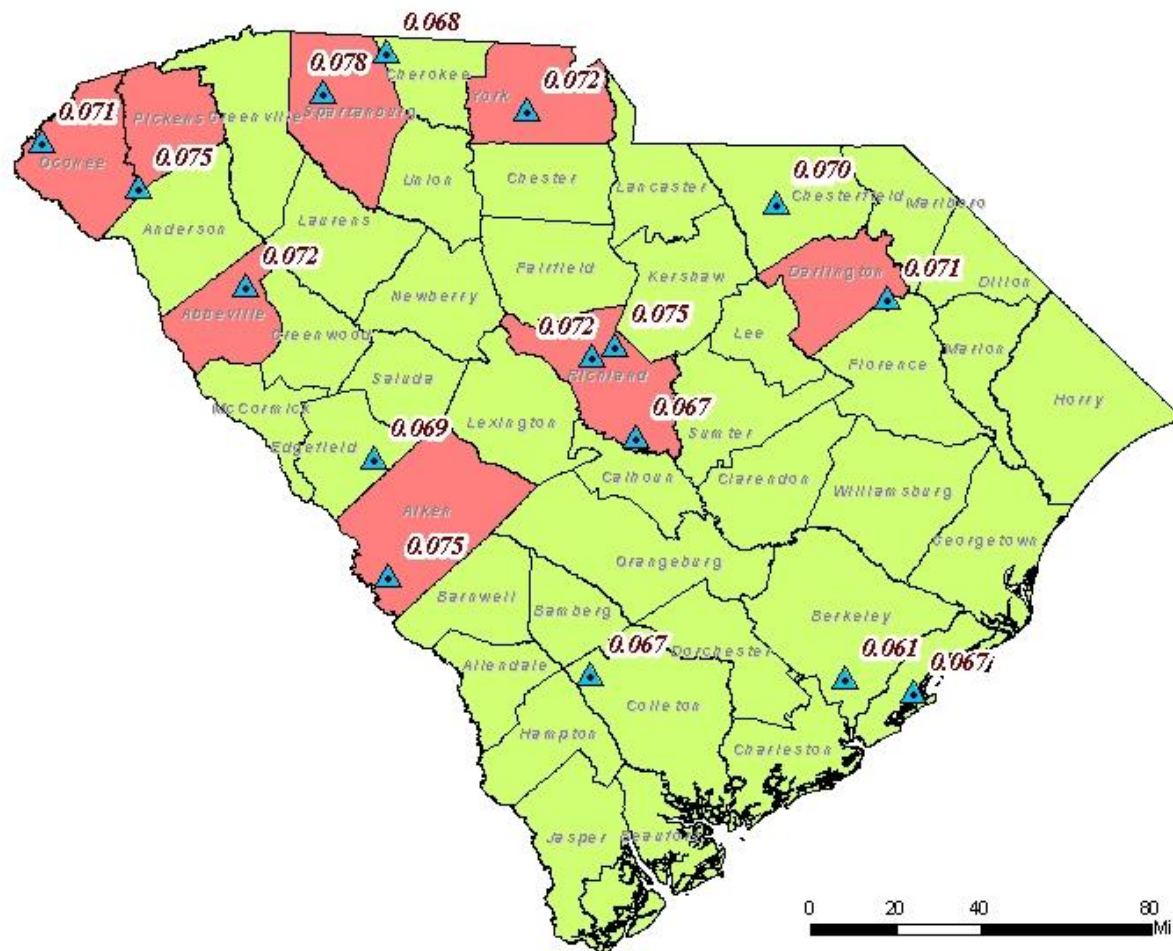
Source: South Carolina Department of Health and Environmental Control Bureau of Air Quality




20091130 (SR) "Ozone 2008 DV_75ppb"

* Disclaimer: 2009 Data have not yet been verified.

Counties with 2009 Ozone Design Values Above 0.070 Parts Per Million *



Legend

-  Ozone Monitor
-  Counties with monitors having DV's above 0.070 ppm
-  Other counties



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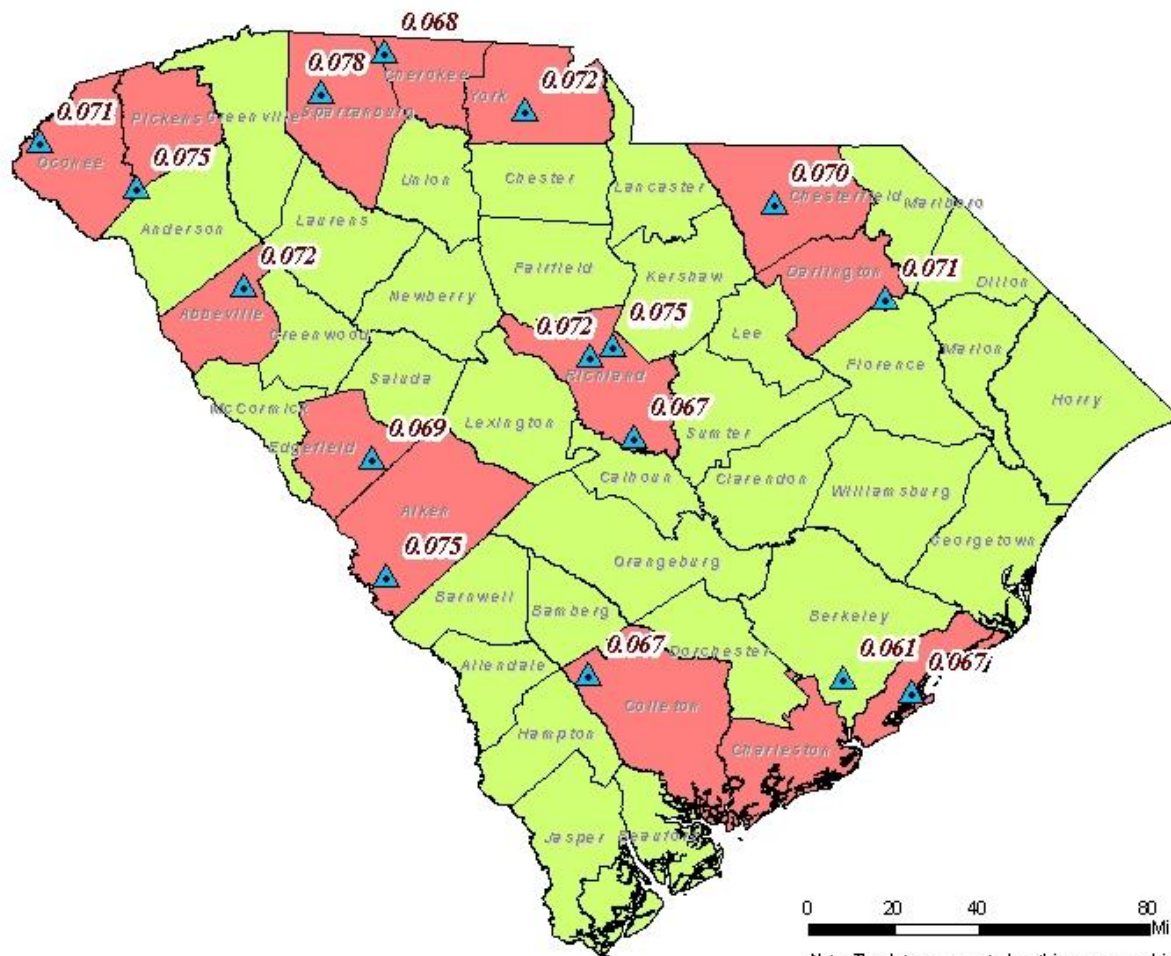
Source: South Carolina Department of Health and Environmental Control Bureau of Air Quality






20091130 (SR) "Ozone 2008 DV_70ppb"

* Disclaimer: 2009 Data have not yet been verified.

Counties with 2009 Ozone Design Values Above 0.065 Parts Per Million *



Legend

-  Ozone Monitor
-  Counties with monitors having DV's above 0.065 ppm
-  Other counties



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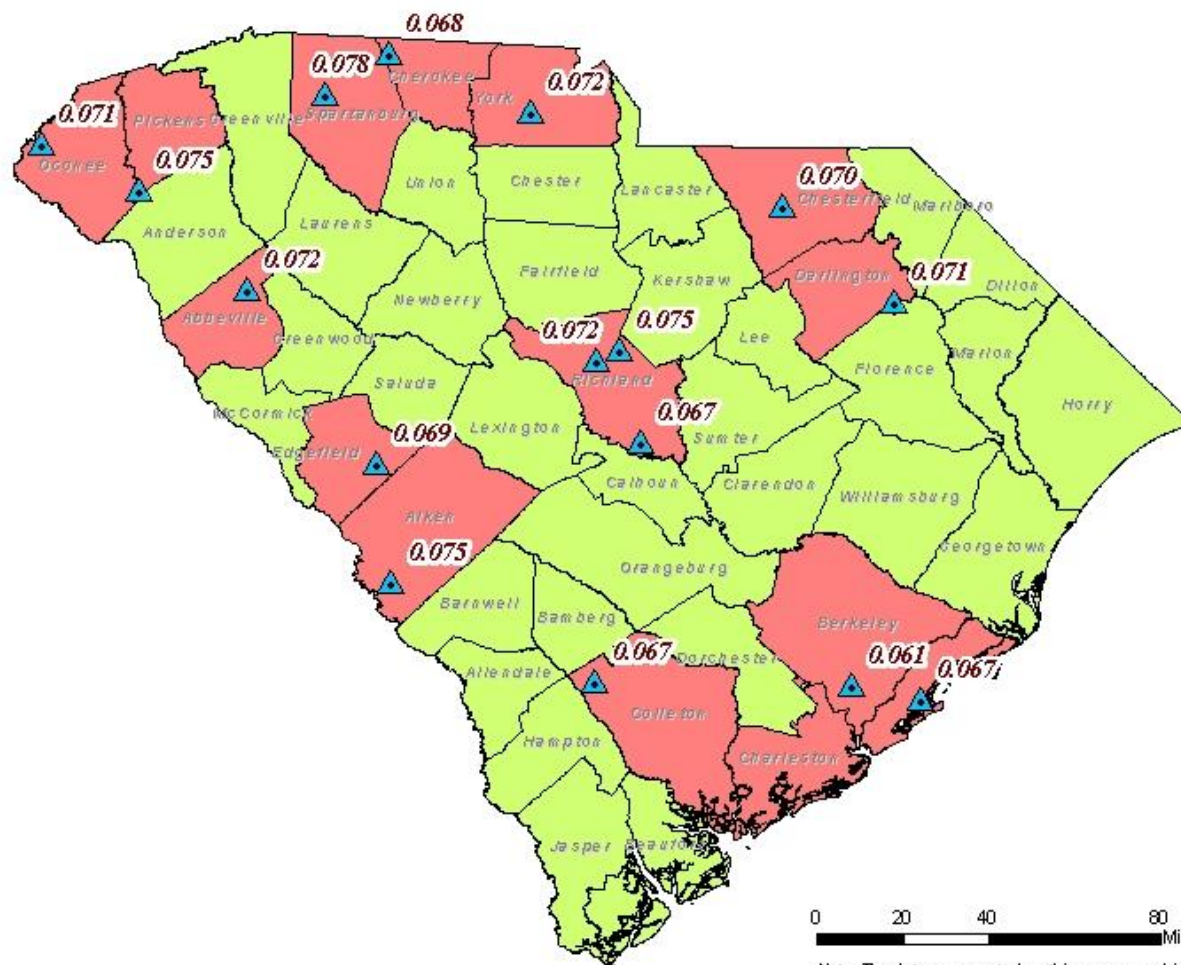
Source: South Carolina Department of Health and Environmental Control Bureau of Air Quality






20091130 (SR) "Ozone 2008 DV_65ppb"

* Disclaimer: 2009 Data have not yet been verified.

Counties with 2009 Ozone Design Values Above 0.060 Parts Per Million *



Legend

-  Ozone Monitor
-  Counties with monitors having DV's above 0.060 ppm
-  Other counties



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Source: South Carolina Department of Health and Environmental Control Bureau of Air Quality



20091130 (SR) "Ozone 2008 DV_60ppb"

* Disclaimer: 2009 Data have not yet been verified.

“Crisis Management”

- AQM reform (national level)
- Local measures are key:
 - Mobile sources
 - Transportation alternatives
 - Anti idling; carpool; telecommute
 - Congestion mitigation
 - Cleaner engines & fuels
 - Land use planning/smart growth
 - Energy conservation

Collaborative Problem Solving

“Coming together is a beginning.
Keeping together is progress.
Working together is success.”

-Henry Ford