

# Virginia Ozone Air Quality and the 2008 NAAQS

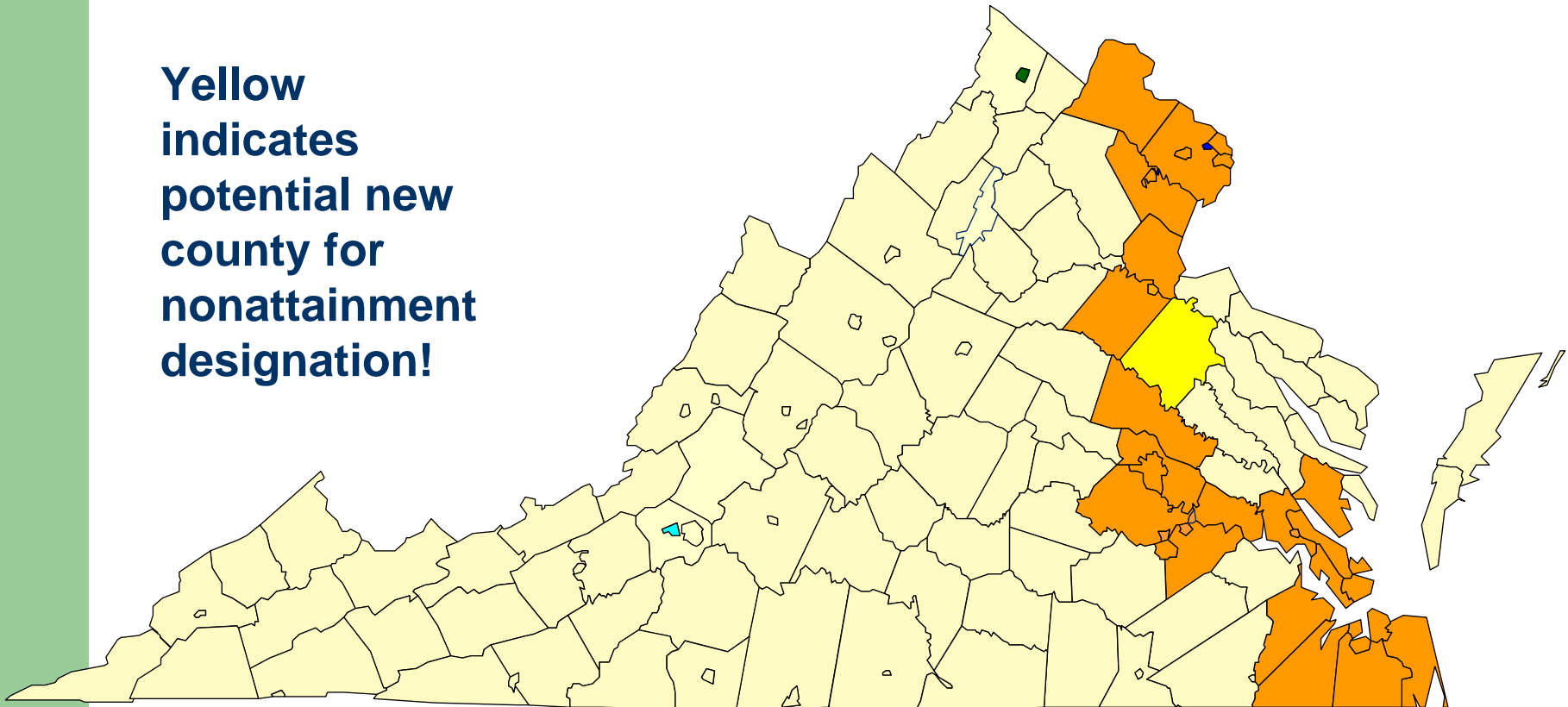
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# Proposed Designations for the 2008 Ozone NAAQS

- Governor's recommendations for nonattainment designations due to EPA **March 12, 2009**
- EPA has not issued guidance on classification levels
  - Marginal/moderate/serious/severe
  - Was due out in Fall of 2008
  - No timeline has been provided for when that information is available
- Current Data shows the following areas not attaining the 75 ppb standard
  - Northern Virginia (part of metro DC)
  - Richmond-Petersburg
  - Hampton Roads
  - Fredericksburg (including Caroline)

# VA Areas Currently Monitoring Nonattainment

**Yellow  
indicates  
potential new  
county for  
nonattainment  
designation!**



# Virginia Design Values 2006-2008\*

Loudoun	83	Shenandoah	75	Wythe	70
Prince William	78	Stafford	81	Rockbridge	66
Arlington	85	Caroline	81	Page	70
Alexandria	81	Frederick	73	Fauquier	71
Fairfax-Lee Park	85	Roanoke	74	Rockingham**	69
Fairfax-McLean	83	Chesterfield	78	Albemarle**	73
Fairfax-Mt. Vernon	86	Henrico	85	Hampton	77
Fairfax-Chantilly	79	Hanover	80	Suffolk-TCC	76
Fairfax-Annandale	83	Charles City	83	Suffolk-Holland	75

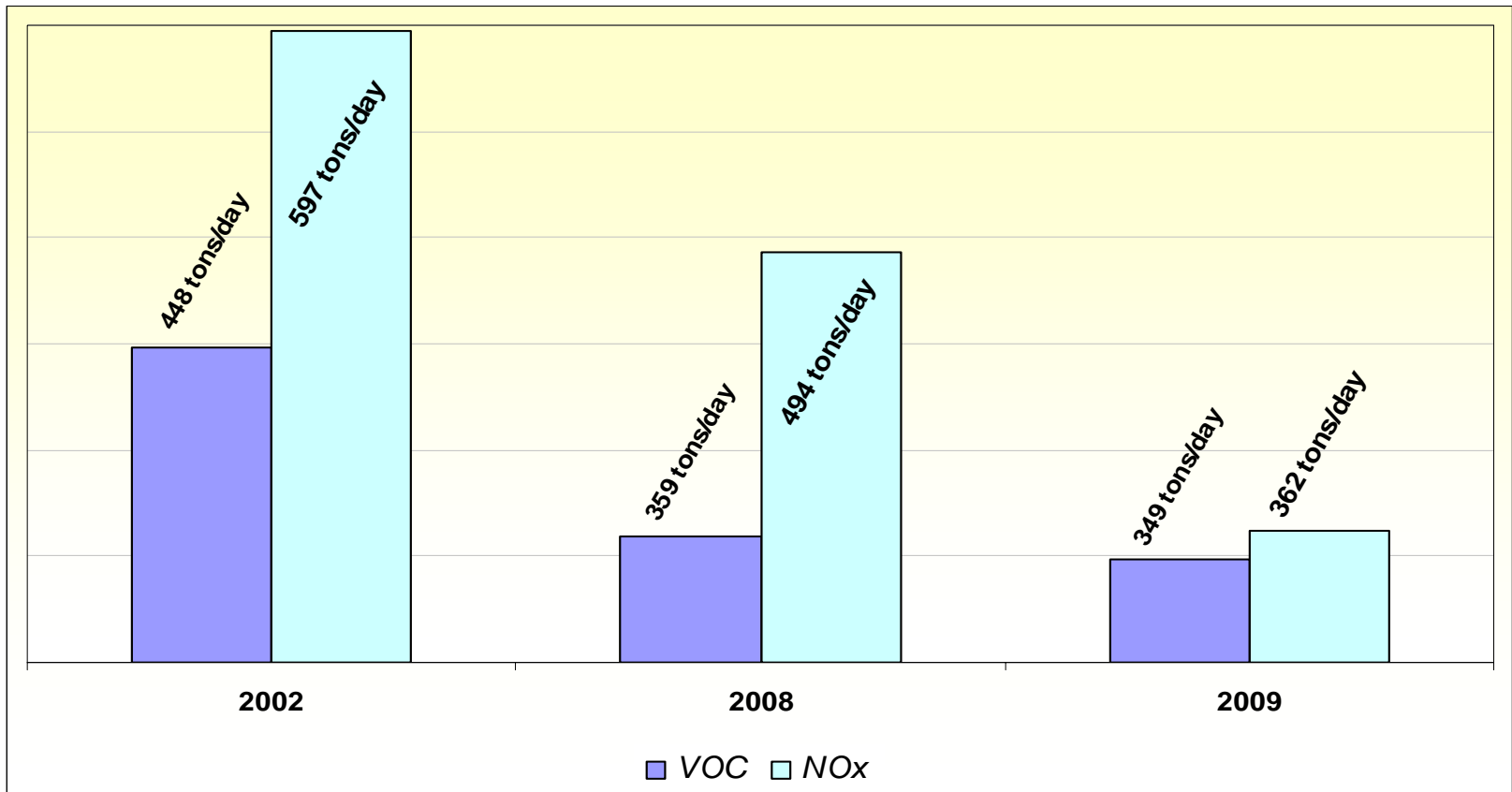
*\*Not yet final*

*\*\*Less than 3 years of data*

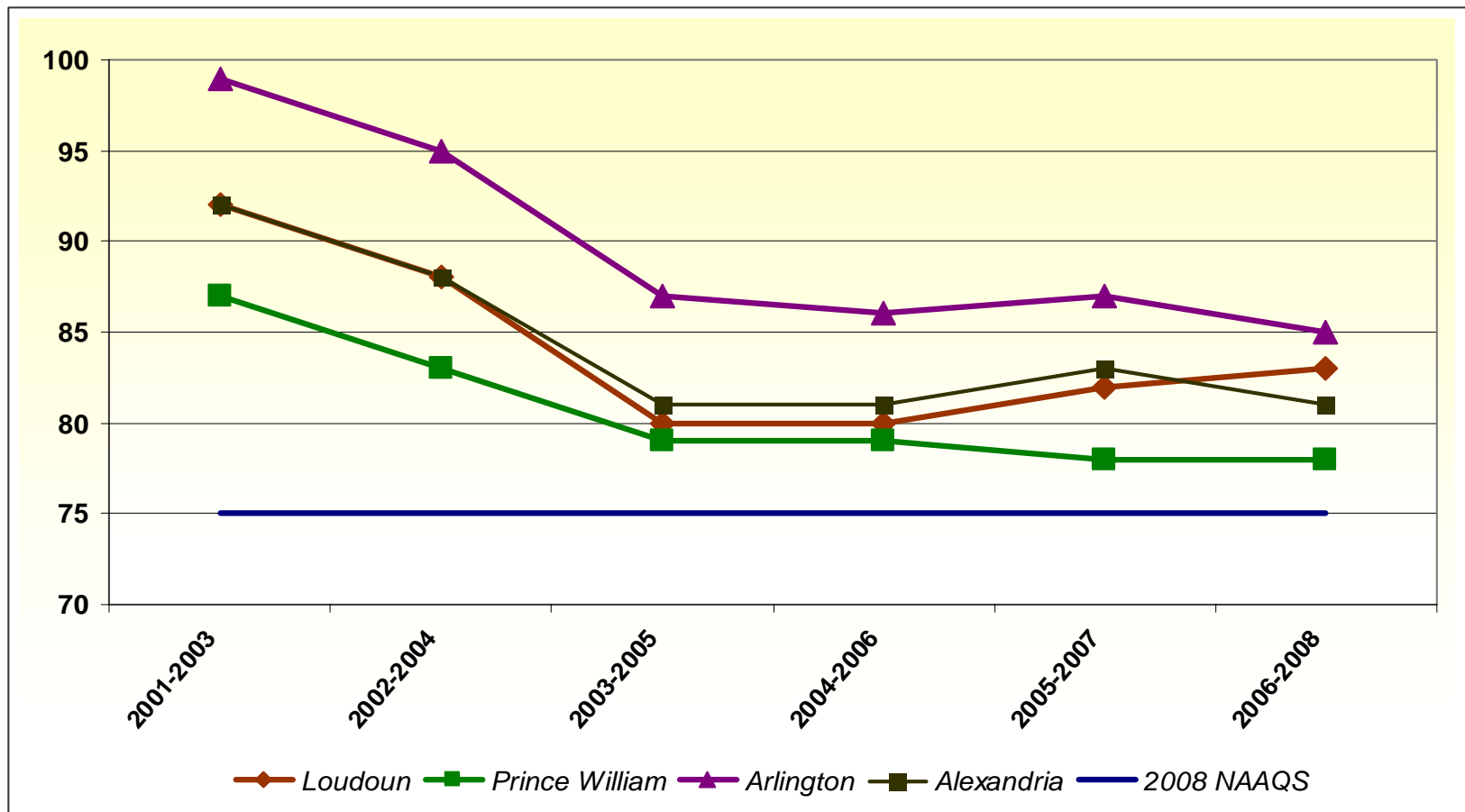
# Northern VA Portion of Metro DC

- Current Design Value for 2006-2008 in VA monitoring network is **86 ppb** at Mt. Vernon
- No expansion of area will be recommended
- Current area in Northern VA consists of Alexandria, Arlington, Fairfax, Fairfax City, Falls Church, Loudoun, Manassas, Manassas Park, Prince William

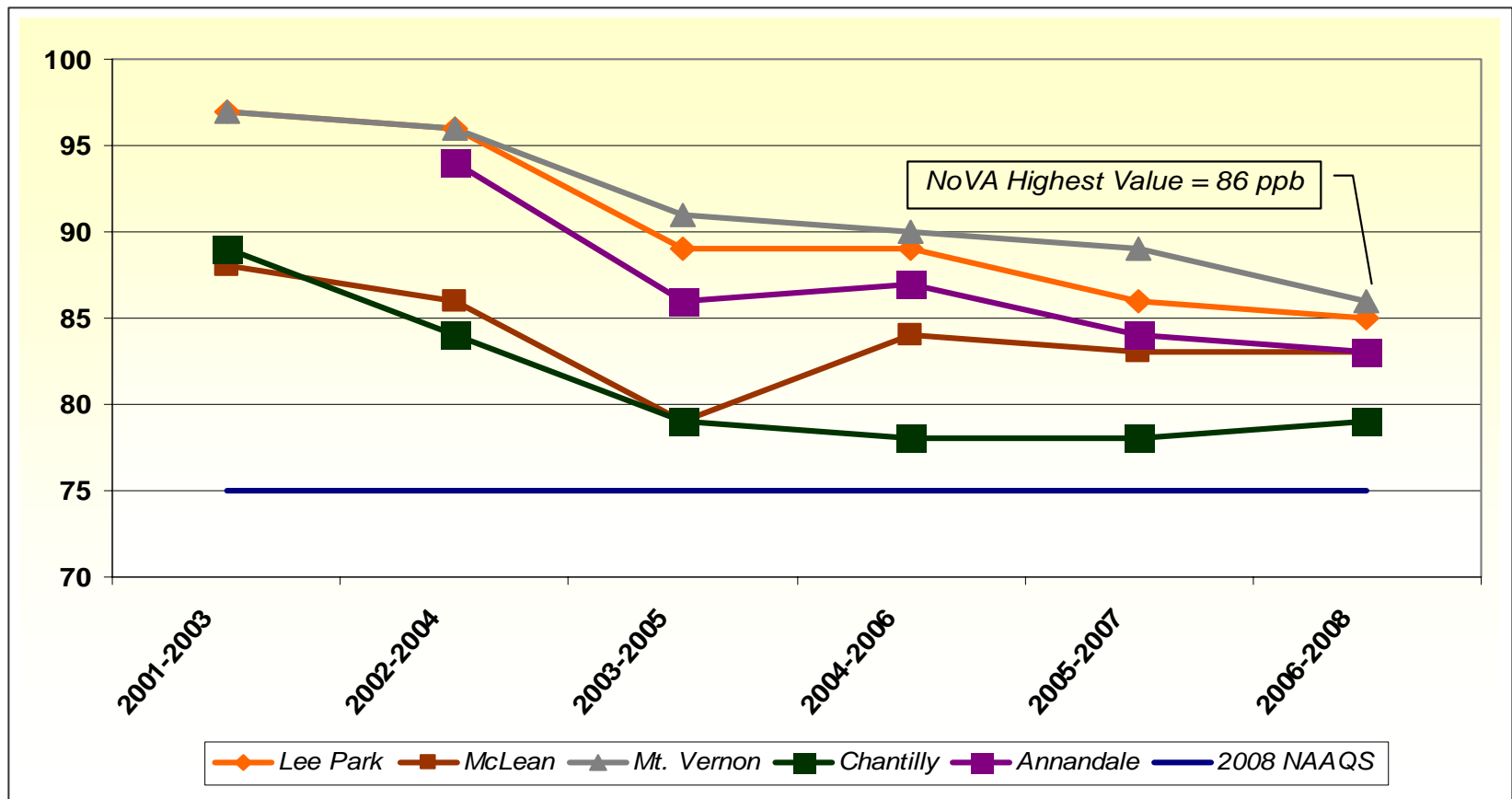
# Metro DC Emission Reductions



# Northern Virginia Air Quality



# Northern Virginia Air Quality

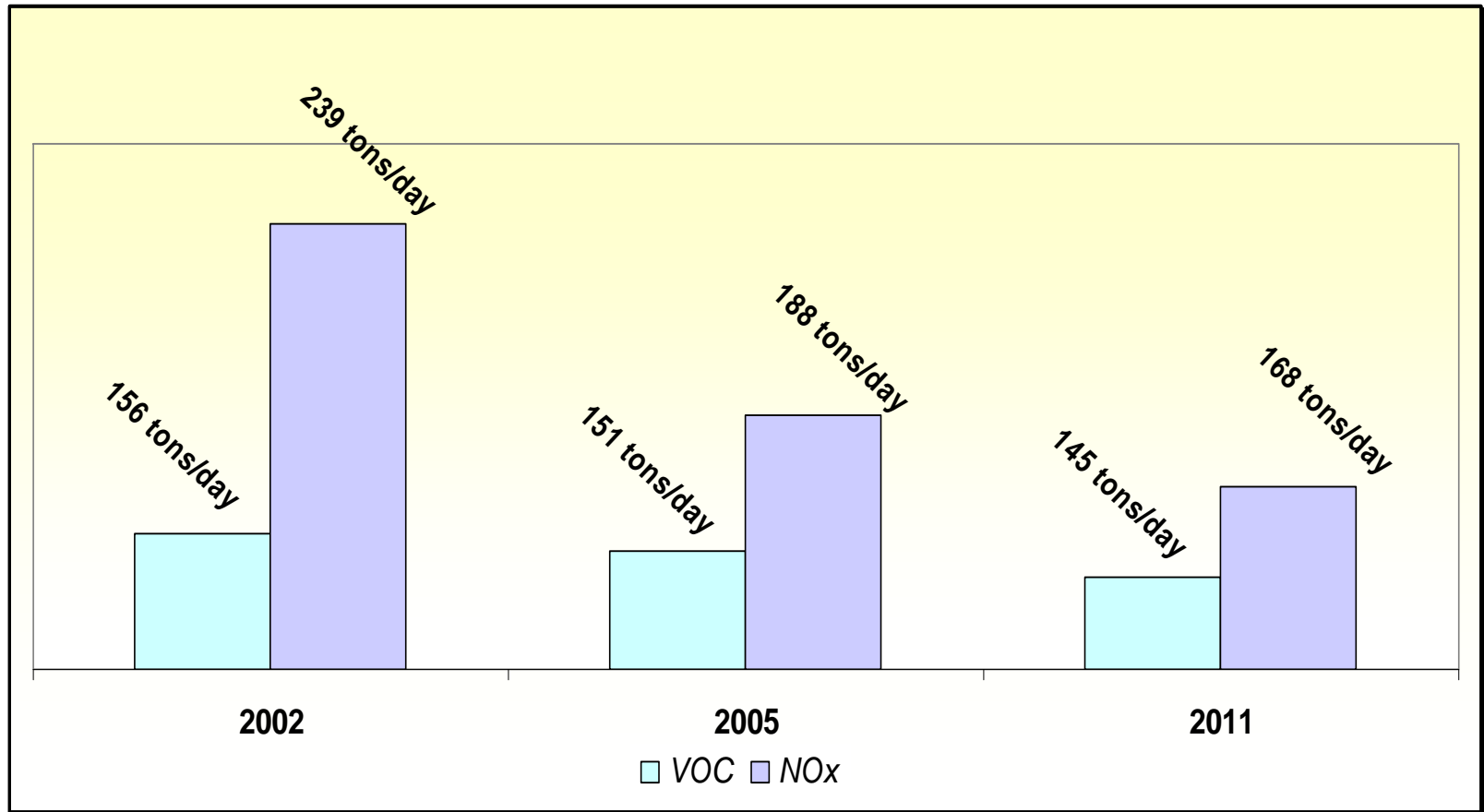




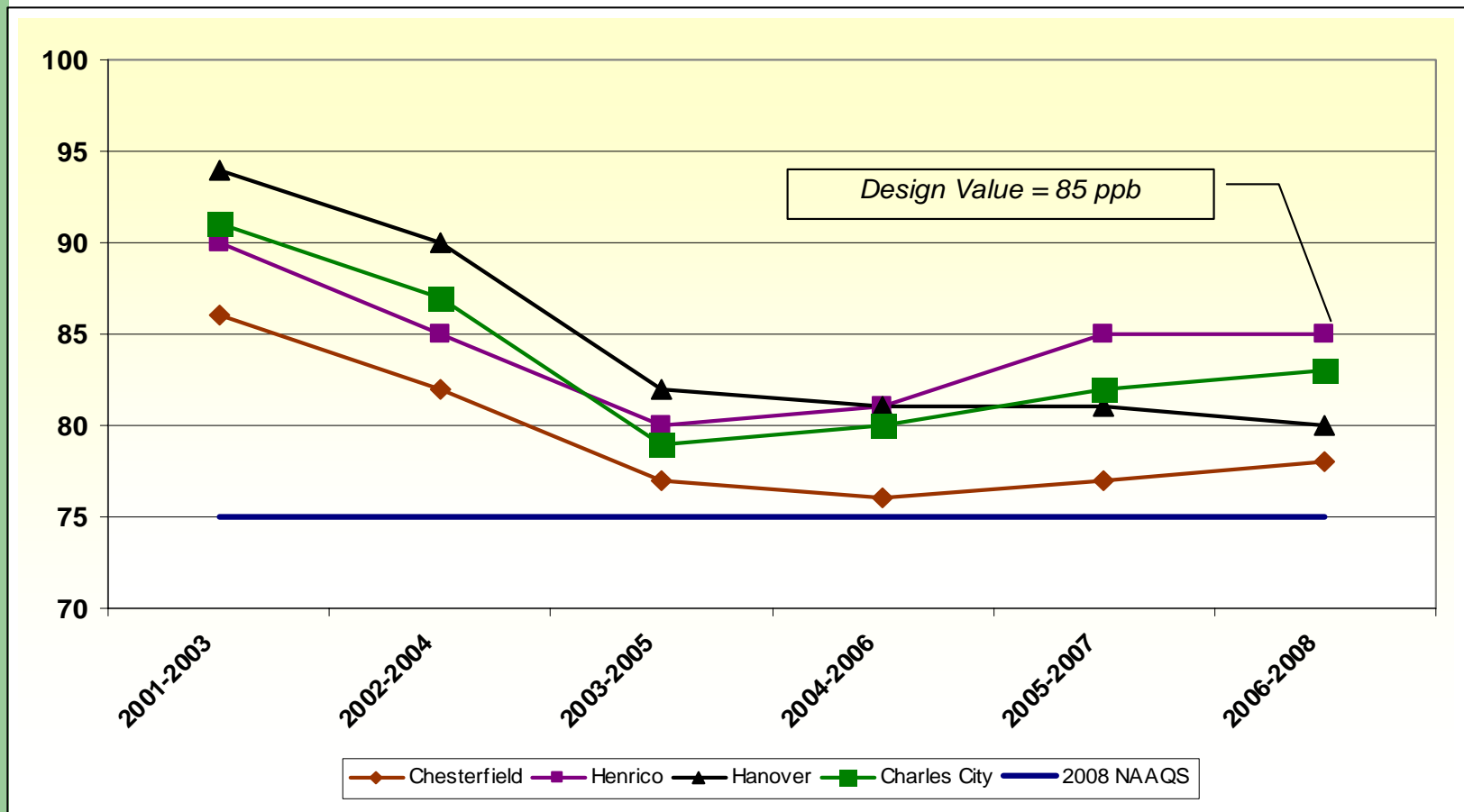
# Richmond-Petersburg Area

- Current Design Value for 2006-2008 in VA monitoring network is **85 ppb** at Henrico
- No expansion of area will be recommended
- Current area consists of Chesterfield, Henrico, Richmond, Hanover, Petersburg, Colonial Heights, Charles City, Prince George, and Hopewell

# Emission Reductions in the Richmond-Petersburg Area



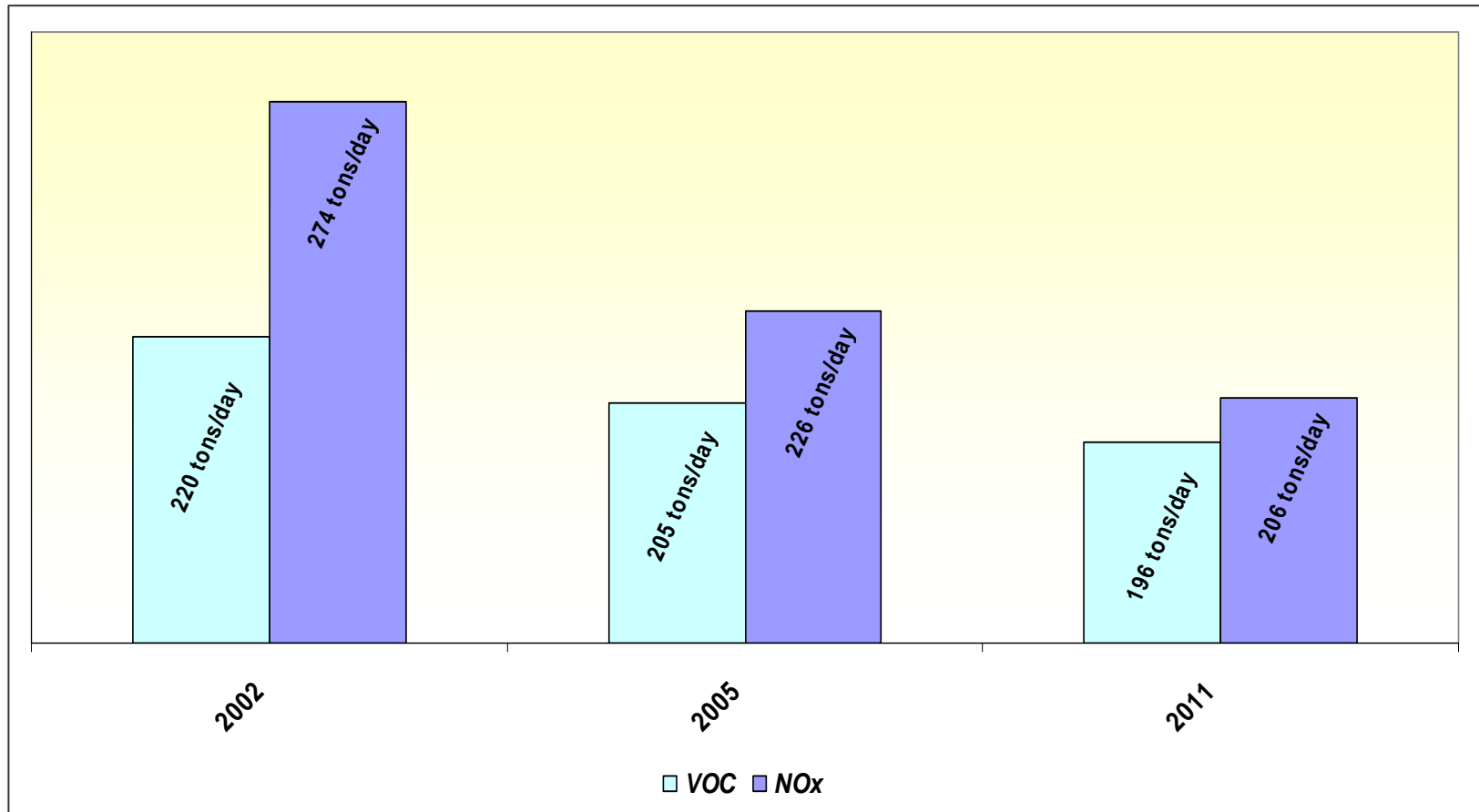
# Richmond-Petersburg Air Quality



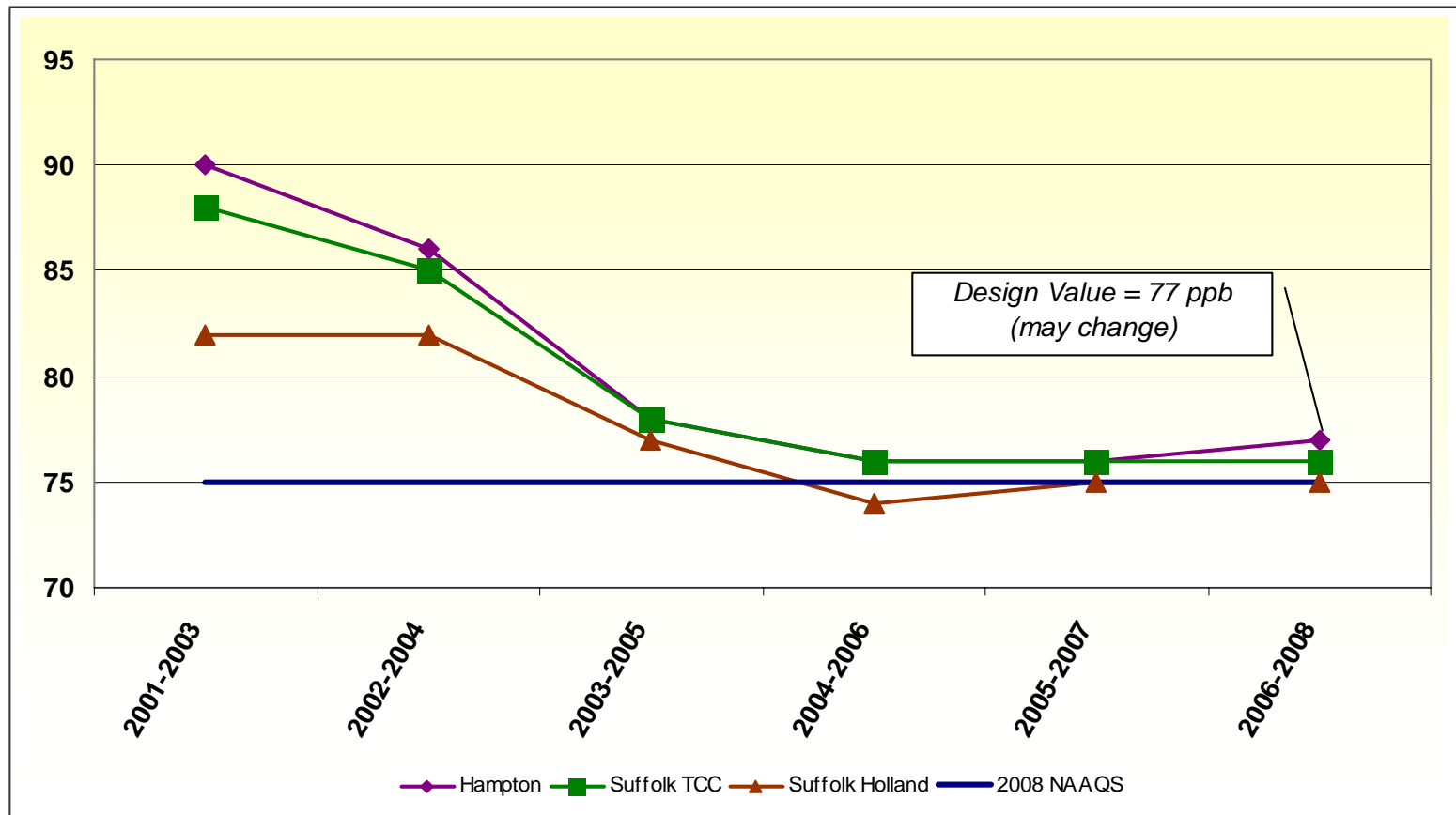
# Hampton Roads Area

- Current Design Value for 2006-2008 in VA monitoring network is 77 ppb at Hampton
- Design Value may decrease due to exceptional events submittal (forest fires)
- No expansion of area will be recommended
- Current area consists of Gloucester, Isle of Wight, James City, York, Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, and Williamsburg

# Emission Reductions in the Hampton Roads Area



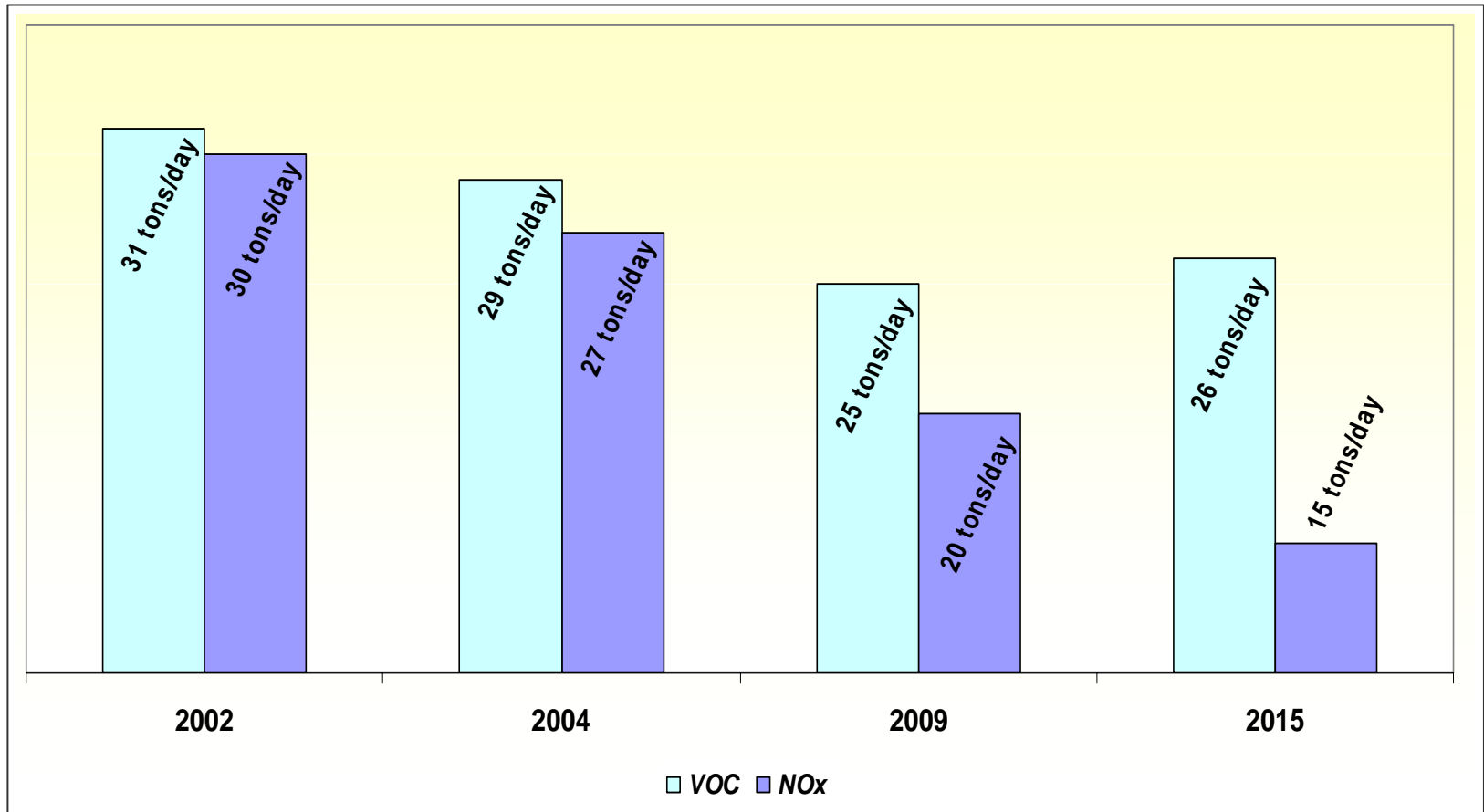
# Hampton Roads Air Quality



# Fredericksburg Area

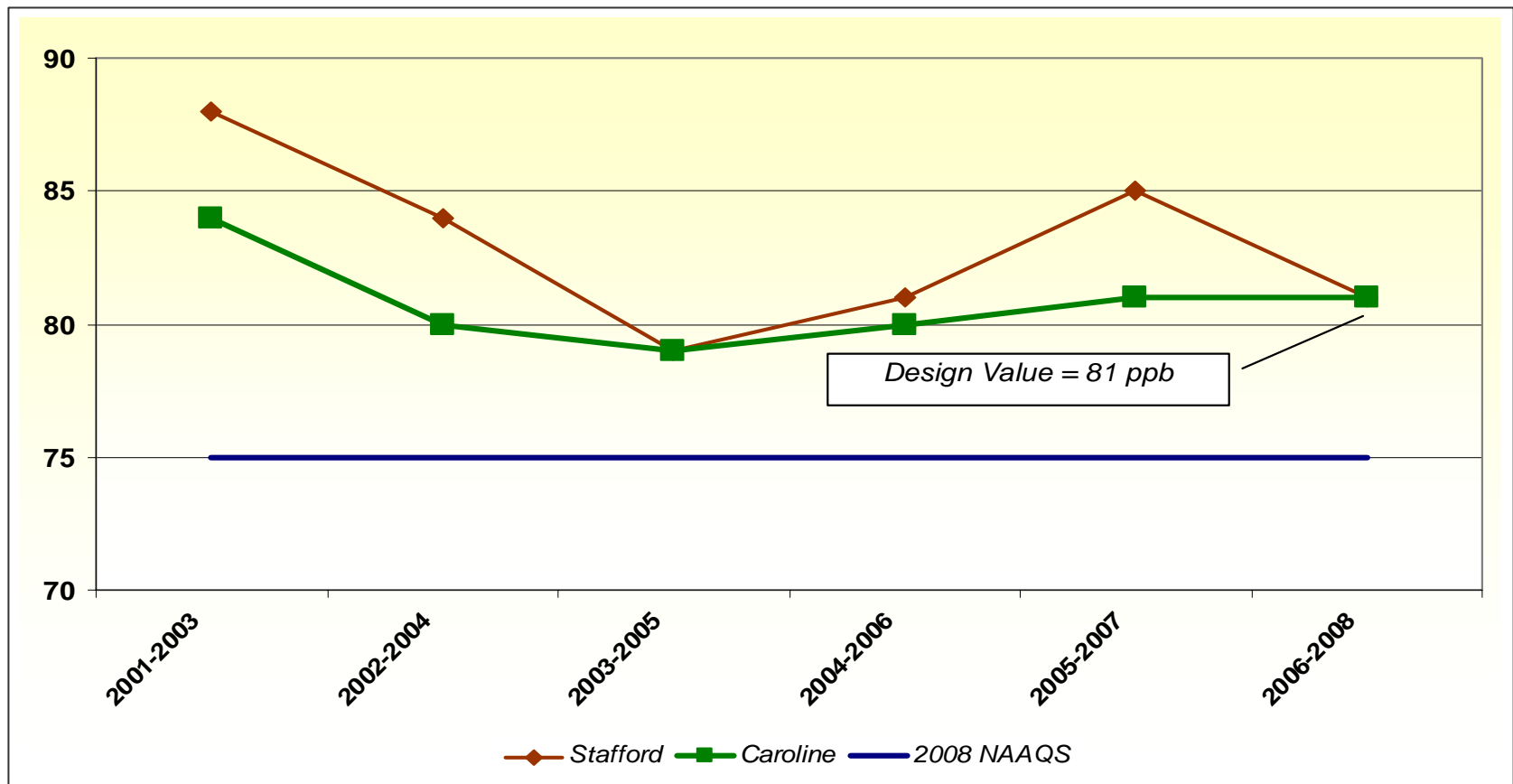
- Current Design Value for 2006-2008 in VA monitoring network is 81 ppb at both Stafford and Caroline monitors
- Caroline may be a new area
- Current area consists of Stafford, Fredericksburg, and Spotsylvania

# Emission Reductions in the Fredericksburg Area





# Fredericksburg Air Quality



# Questions?

