

Virginia Ozone Air Quality and the 2008 NAAQS

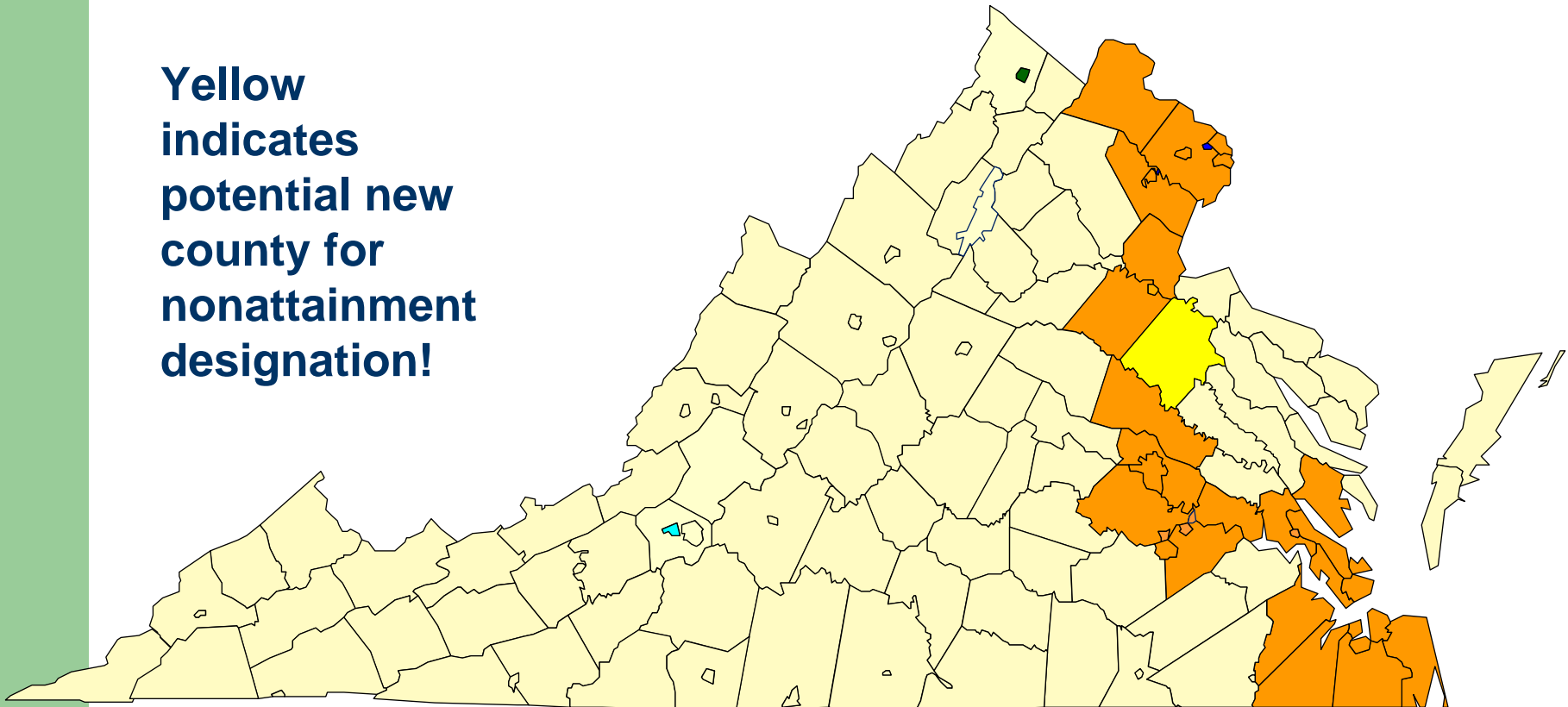
Thomas R. Ballou
Virginia DEQ
Director, Air Data Analysis and Planning
804/698-4406
trballou@deq.virginia.gov

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

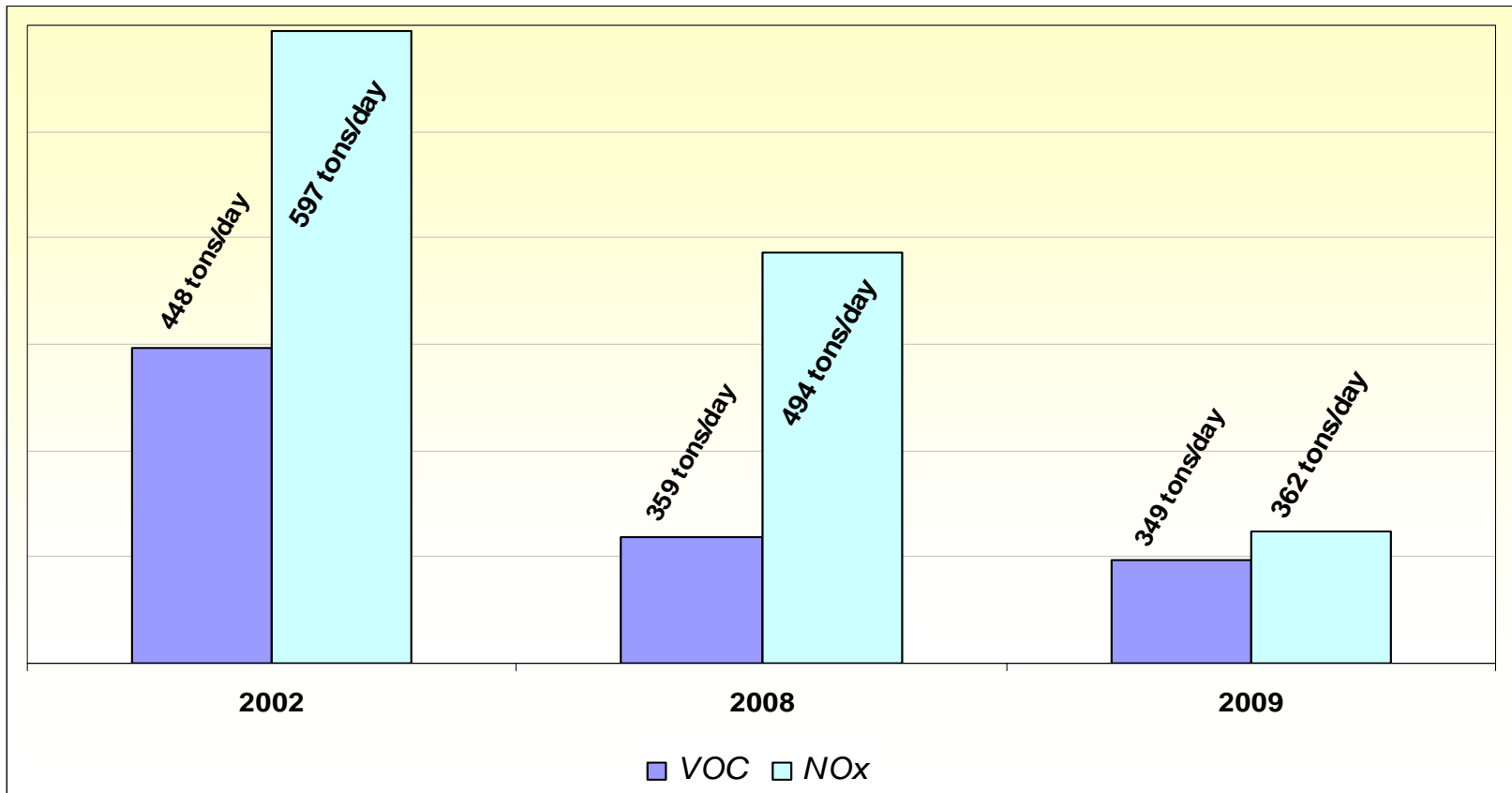
**Not yet final*

***Less than 3 years of data*

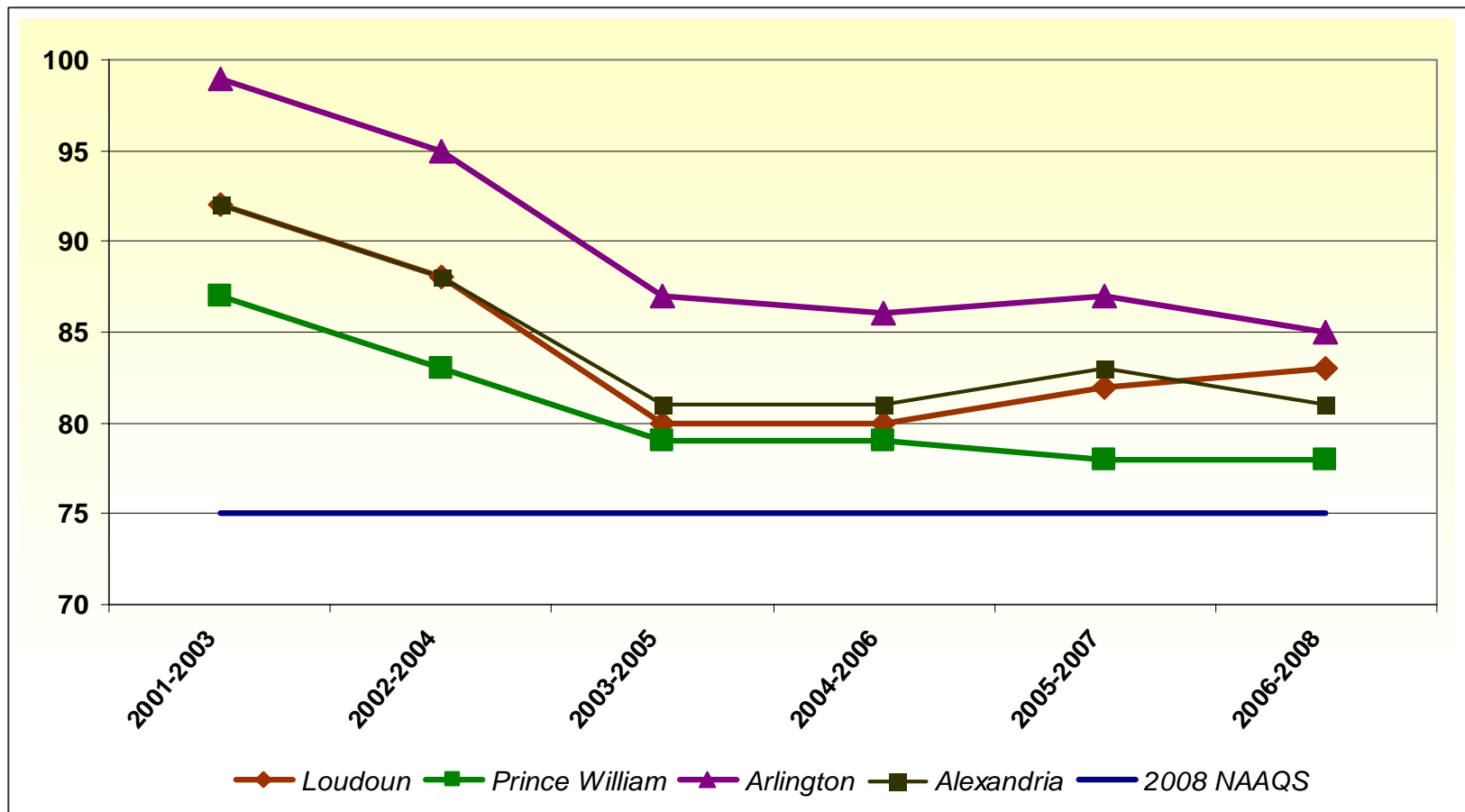
Northern VA Portion of Metro DC

- 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

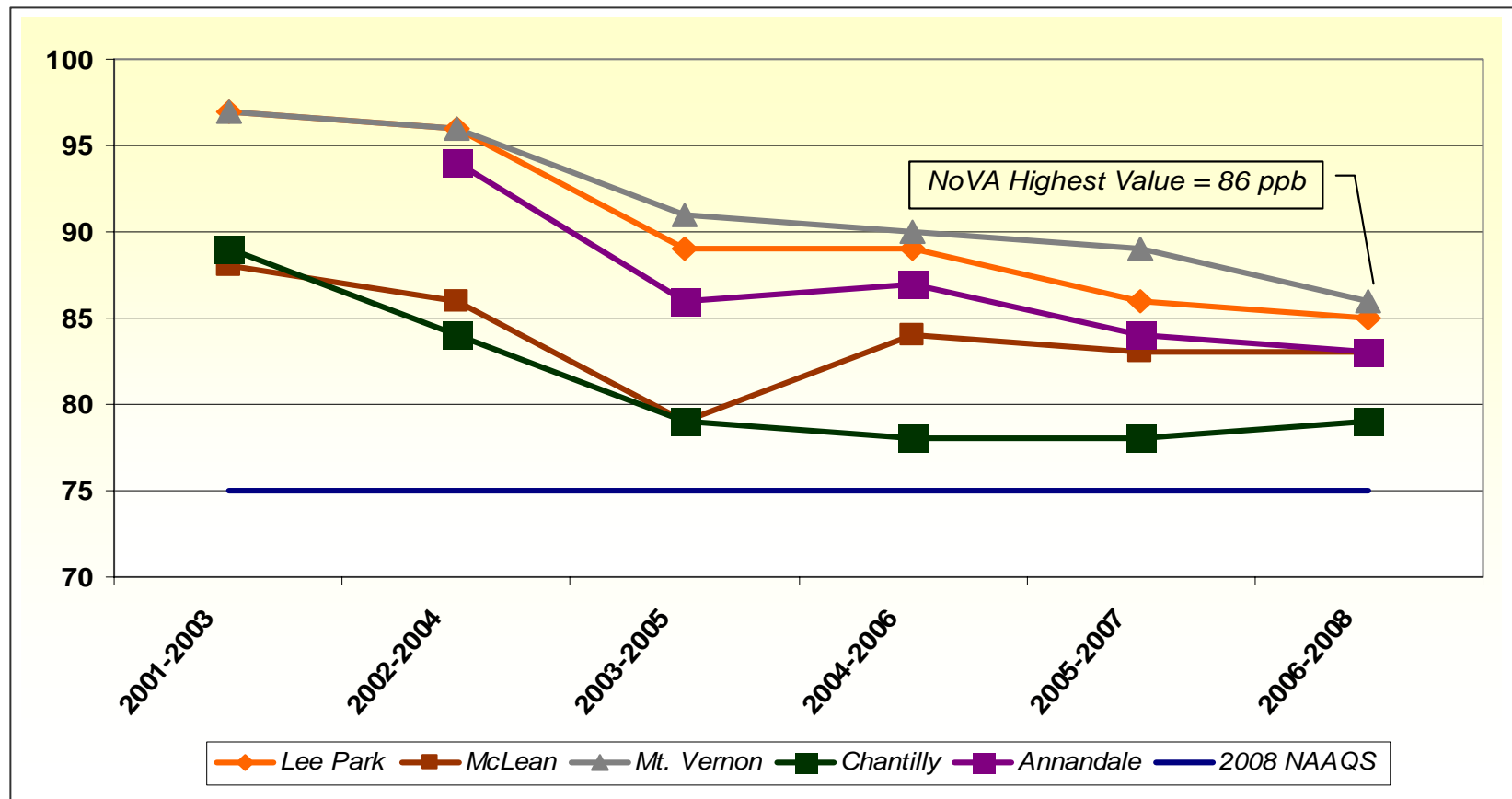
Metro DC Emission Reductions



Northern Virginia Air Quality



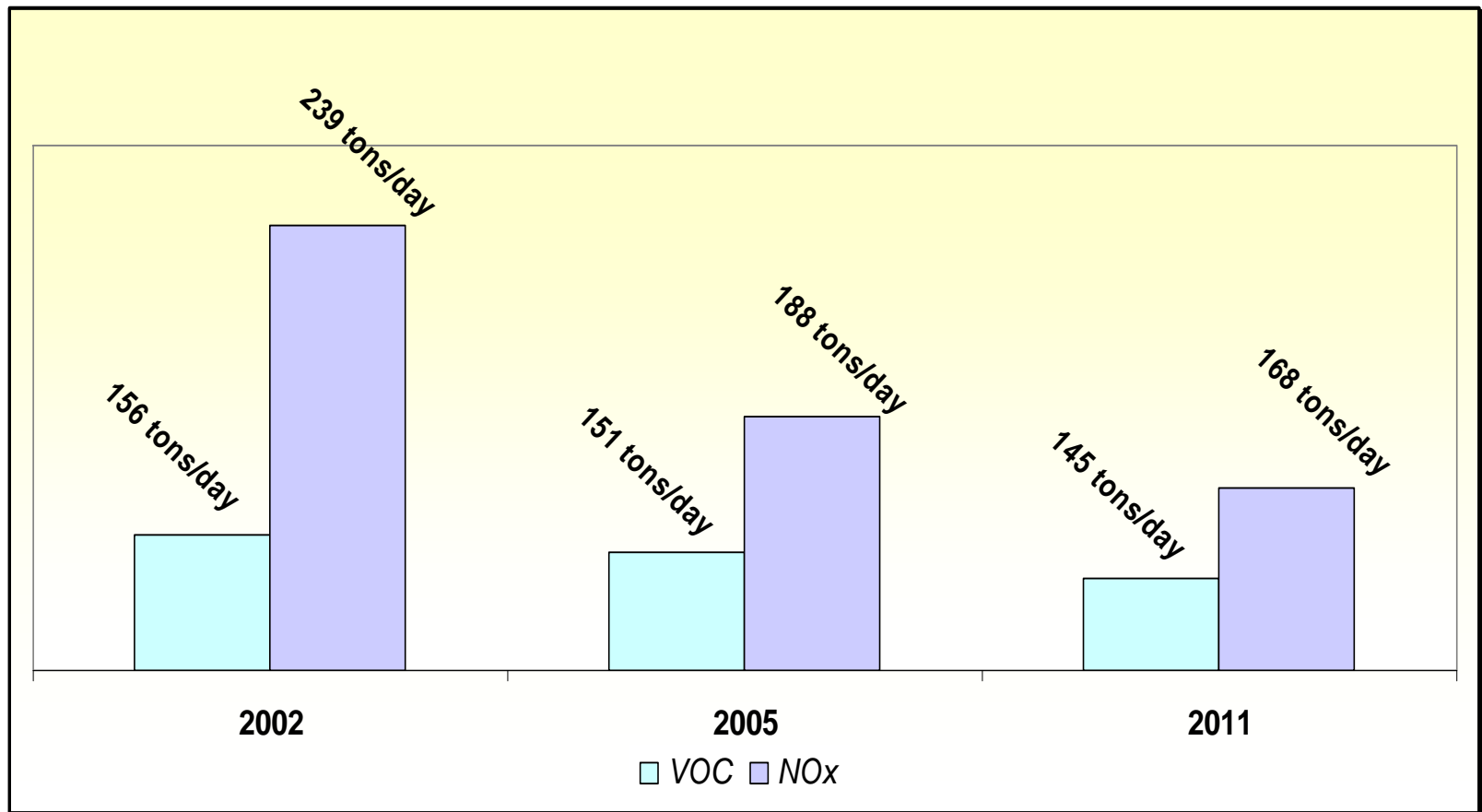
Northern Virginia Air Quality



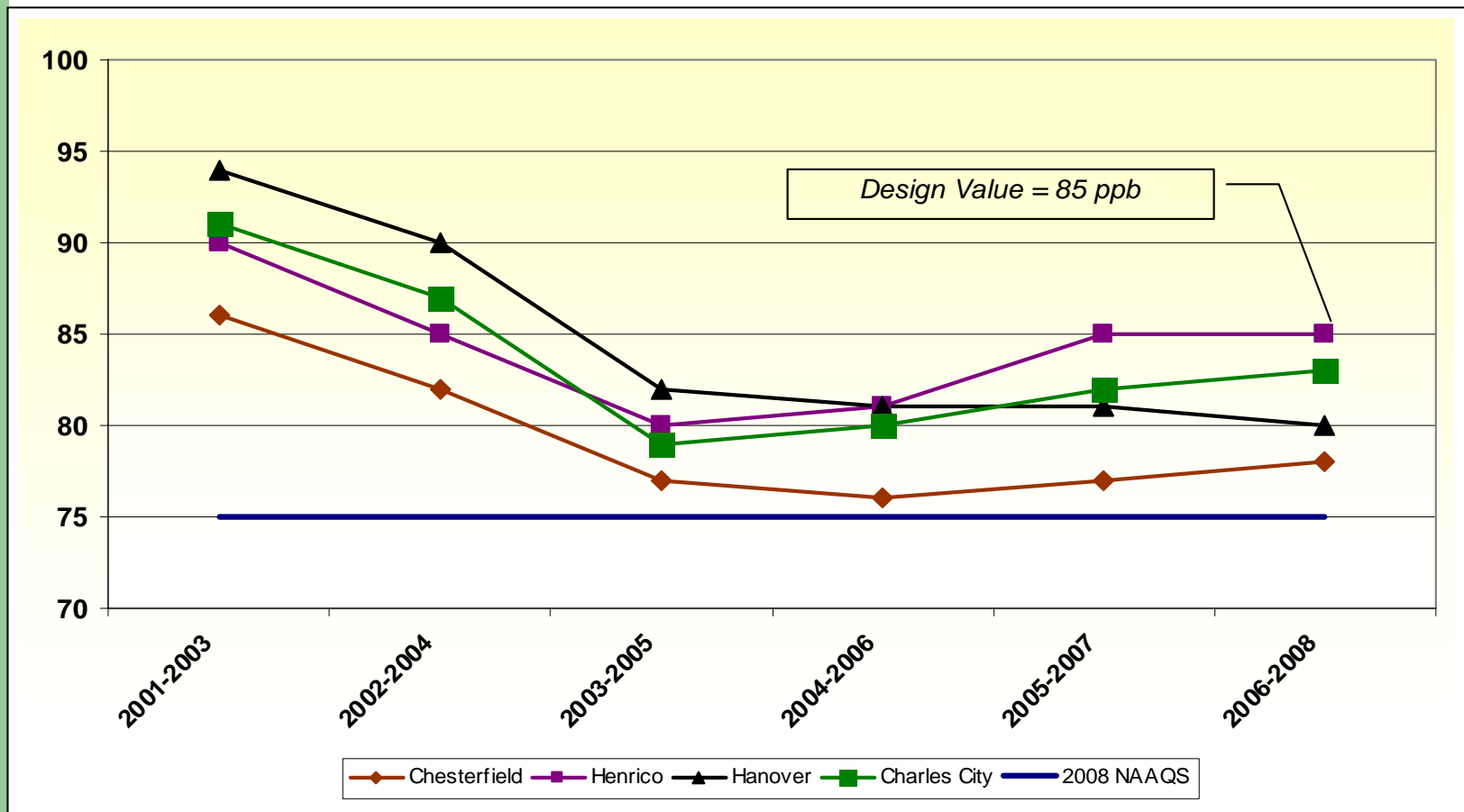
Richmond-Petersburg Area

- 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



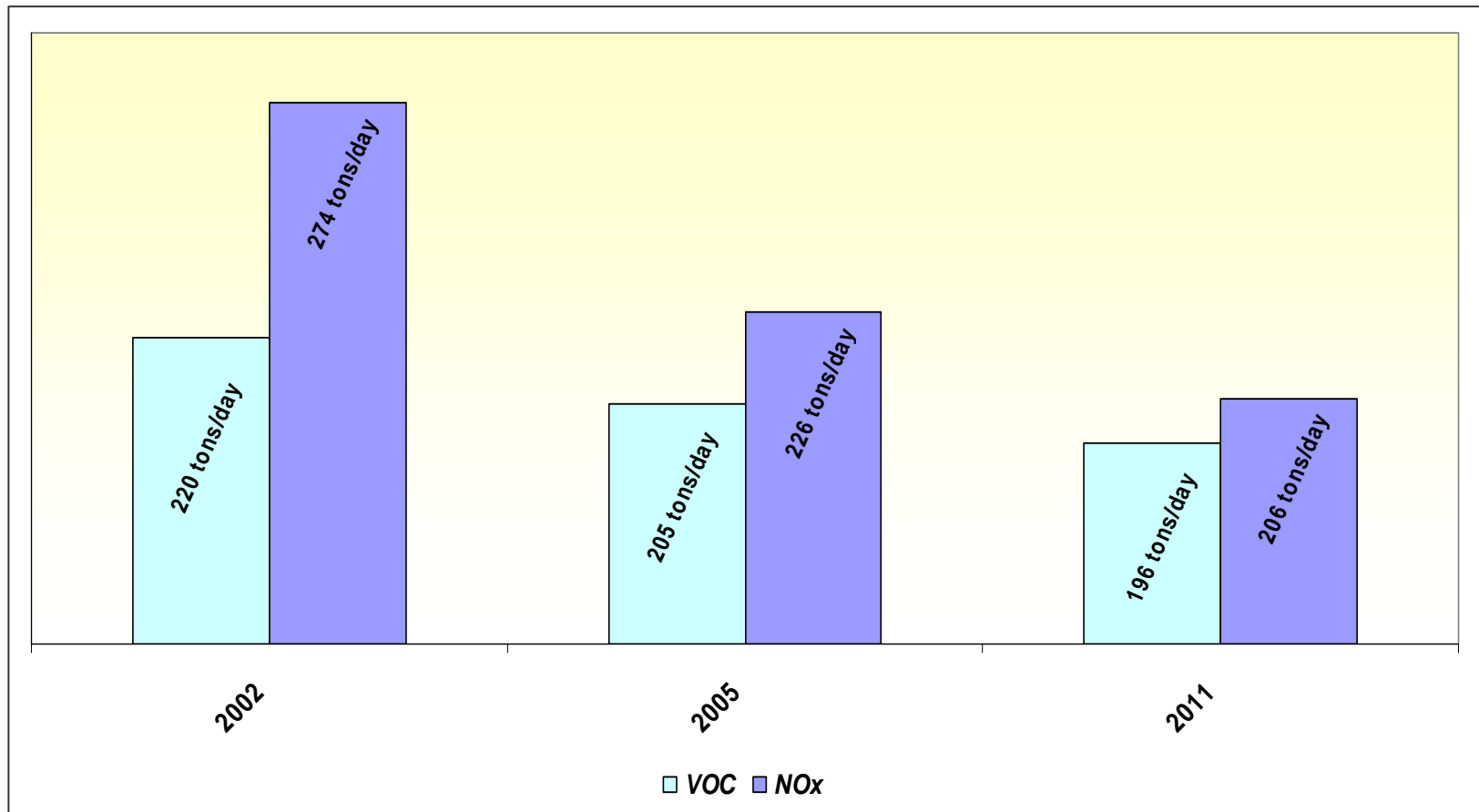
Richmond-Petersburg Air Quality



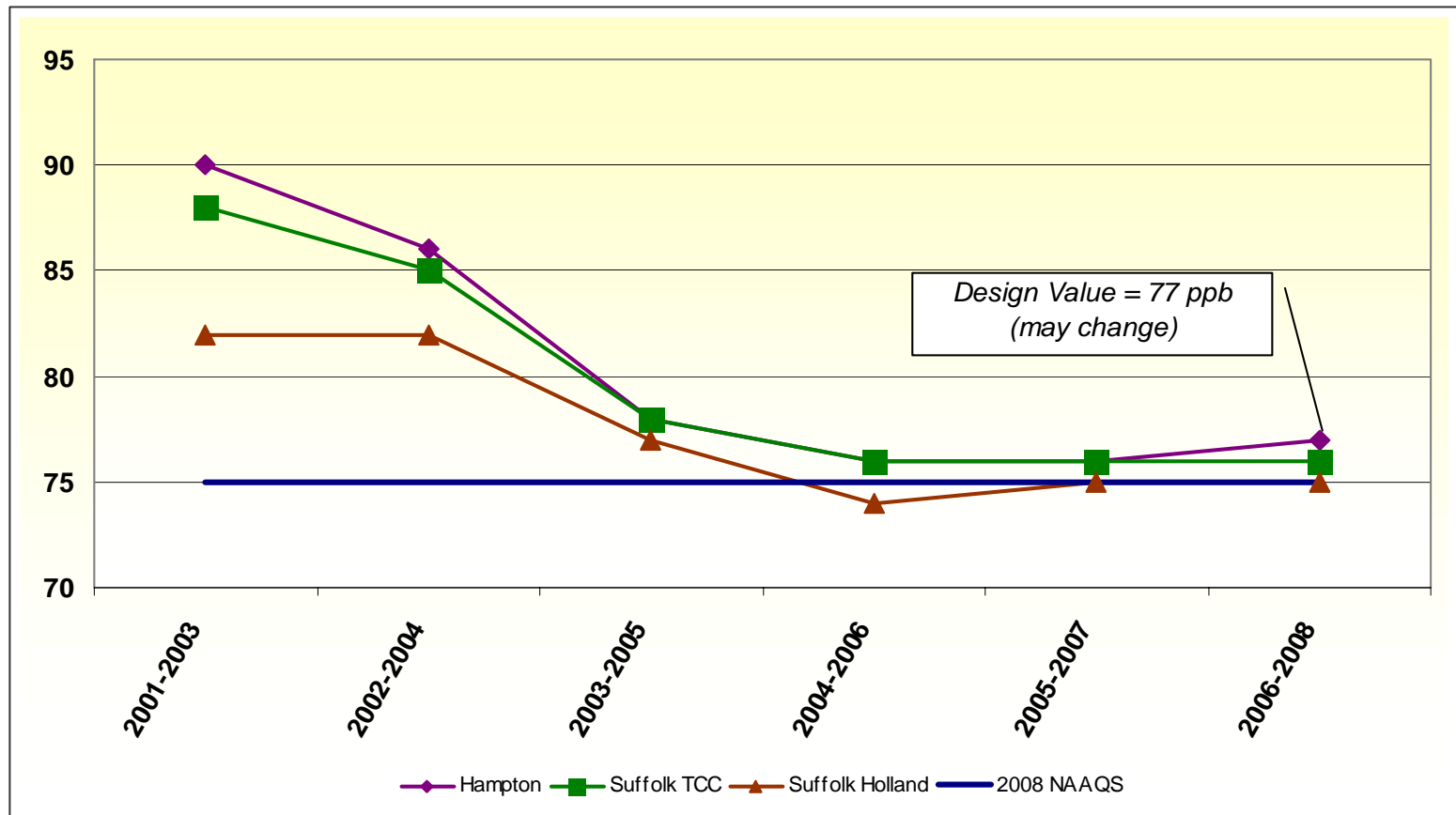
Hampton Roads Area

- 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



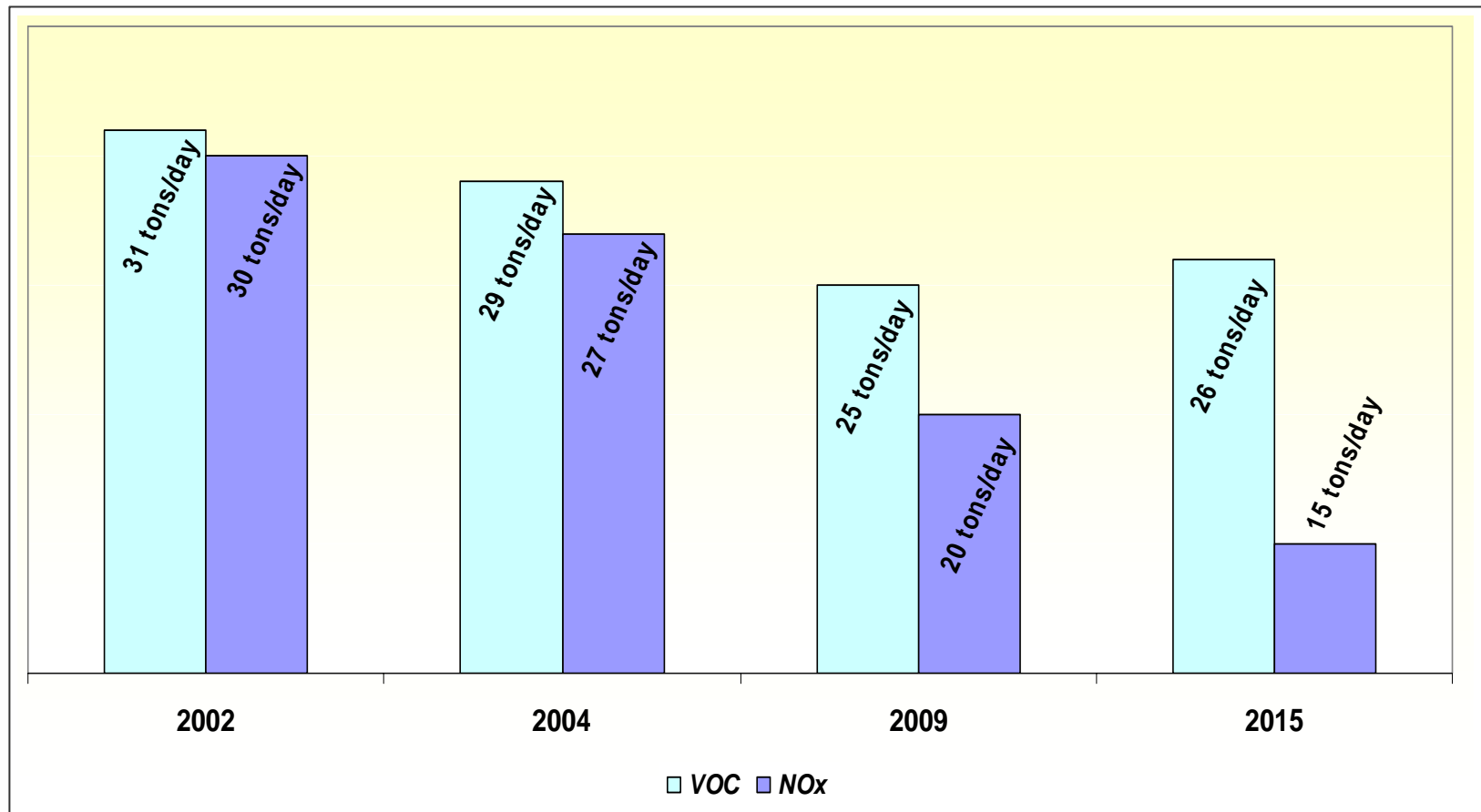
Hampton Roads Air Quality



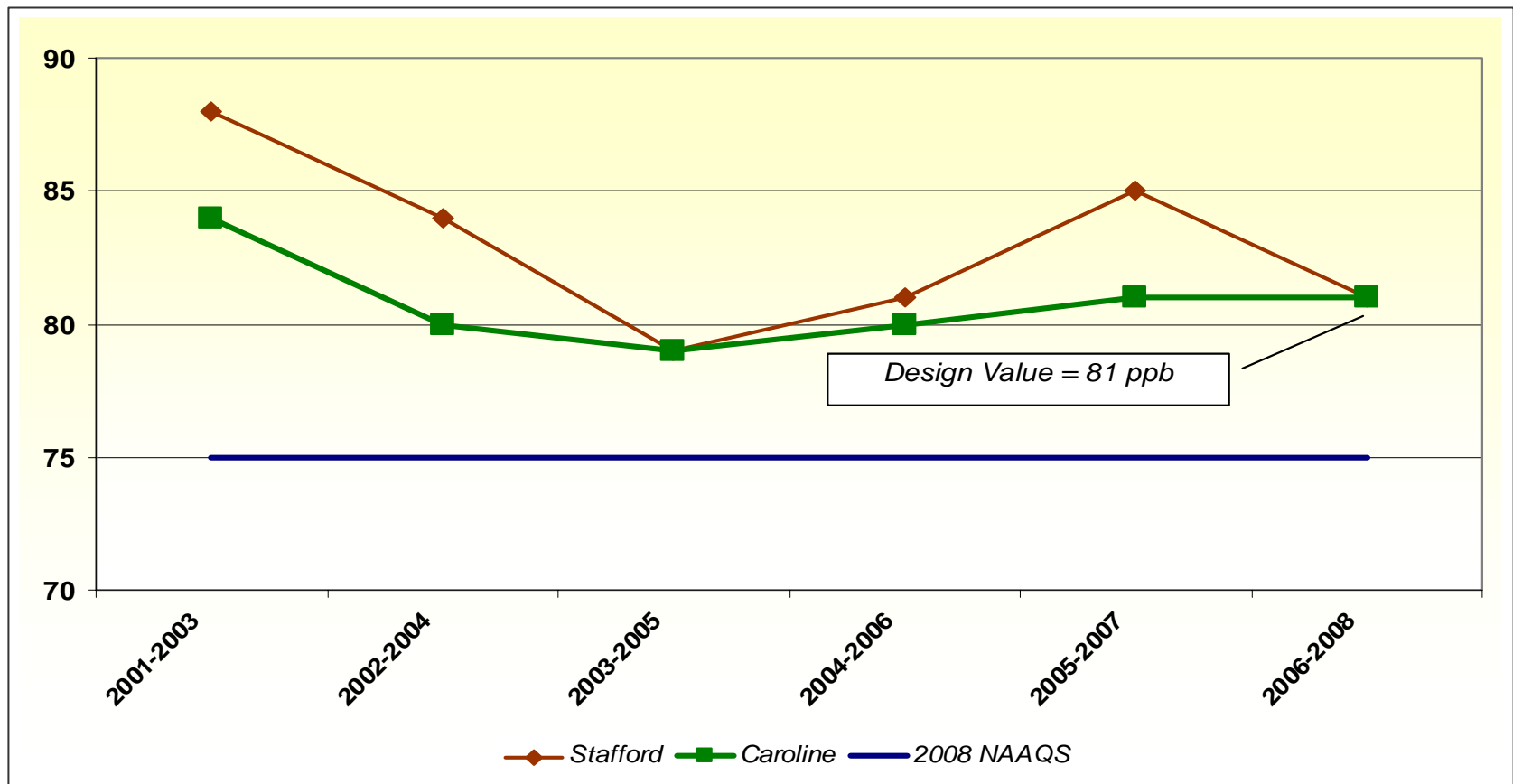
Fredericksburg Area

- 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?

