



# Ozone Advance

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# What is Ozone Advance?

- New EPA program
  - Final guidance published on 4/4/2012
  - Builds off the Early Action Compact and Ozone Flex programs
- **Goals:**
  - **Reduce emissions of ozone precursors so that areas will continue to maintain healthy air quality and comply with the 2008 Ozone NAAQS**
  - **Make progress towards meeting any future ozone NAAQS**

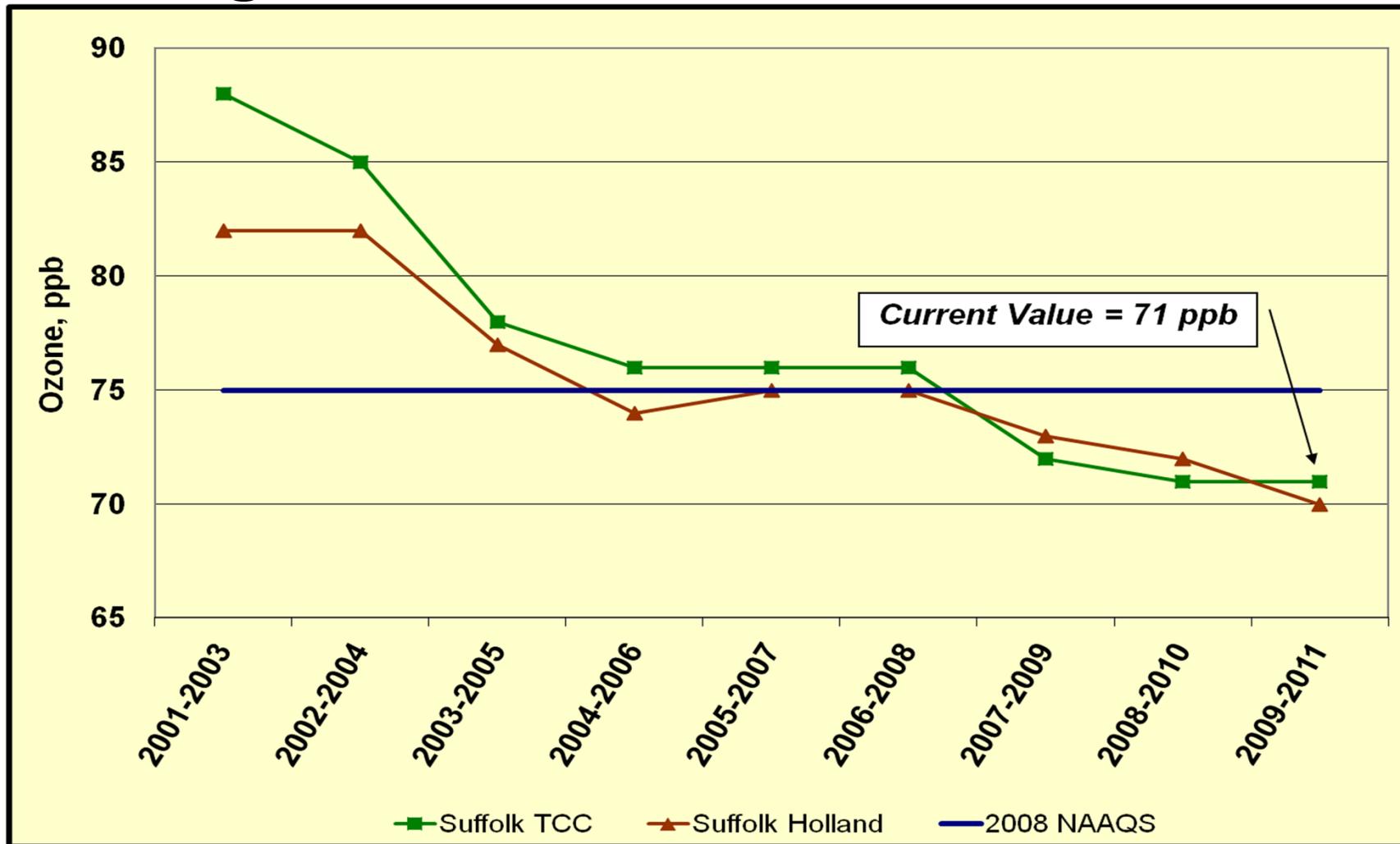
# What is Ozone Advance?

- Voluntary program to encourage emission reductions of ozone precursors
  - Regulatory efforts
  - Non-regulatory efforts
  - Public awareness
- Collaborative Effort
  - State agencies (VDOT, VDRPT, VPA, VDEQ)
  - Local governments
  - Area Stakeholders (Military bases, Industry, Citizen Groups, Others)
- Participants may withdraw from program at any time

# Why Participate? Background

- Standard established in 1997
  - 80 parts per billion (ppb) or above (effectively 84 ppb)
  - Hampton Roads originally classified “marginal” in 2004;
- Redesignation to attainment/maintenance in 2007
  - Air quality improved
  - VDEQ and HRAQC created and submitted in Oct of 2006 a maintenance plan to ensure good air quality in the future
  - Approved by EPA on June 1, 2007
- Designated attainment for the 2008 Ozone NAAQS
  - 75 ppb
  - Letter from EPA Administrator dated April 30, 2012

# Why Participate? Ozone 3-Year Averages



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Current 3-Year Averages			What Happens This Summer?		
	Hampton	Suffolk TCC		Hampton	Suffolk TCC
2009	---	65	2010	78	72
2010	78	72	2011	76	76
2011	76	76	? 2012 ?	<74	<80
2009-2011	---	71	2010-2012	≤ 75	≤ 75

From EPA’s Ozone Advance guidance (4-4-12): *...Should a violation occur, EPA would consider the factors in §107(d)(3)(A) of the Act. These include “air quality data, planning and control considerations, or any other air quality-related considerations the Administrator deems appropriate.” Where control measures are actively being implemented by program participants, EPA **may** allow time to determine whether such measures bring the area back into attainment...*

# Why Participate? Consequences of a Nonattainment Designation

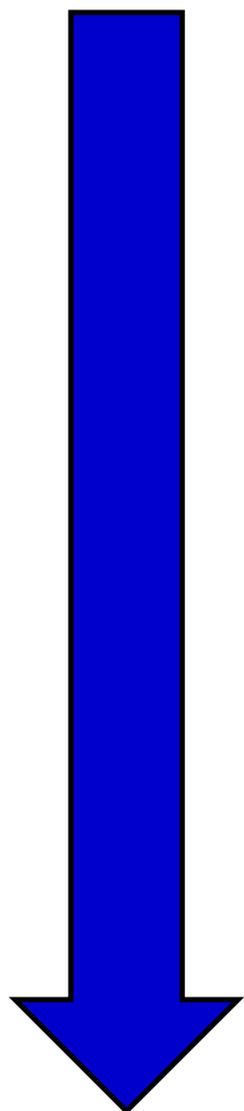
- Impacts on the Citizens-healthy air quality
- Impacts on Economic Development
  - Area perception
  - Facility permitting much more difficult and expensive
- Impacts on Federal Facilities/Military
  - Continued general conformity requirements
  - Additional time and paperwork for significant expansions
- Impacts on Transportation - continued transportation conformity requirements

# Why Participate?

- Maintain current healthy air quality
- Proactively work to help ensure future attainment
- In the event of air quality degradation, provides a framework for action that is already in place
- Consideration in federal grant programs (e.g. DERA)
- May allow the EPA Administrator to delay a nonattainment re-designation in order to allow full implementation of the Ozone Advance action plan.

## Ozone Advance Timeline

<b>April 5, 2012</b>	Ozone Advance guidance finalized
<b>April 30, 2012</b>	Area designated attainment for the 2008 ozone standard
<b>NLT June 4, 2012</b>	DEQ submits letter notifying EPA of area's intent to participate in Ozone Advance
<b>January 2013</b>	Ozone Advance Action Plan Final Draft ready for review
<b>March 2013</b>	Ozone Advance Action Plan finalized and sent to EPA
<b>March 2014-2019</b>	Annual Action Plan updates submitted by DEQ to EPA



# What Should The Action Plan Contain?

- Intro/Background
  - Geographic area
  - Current air quality data
  - Current emissions estimates
- Description of current and future measures
  - Detail on each measure
  - Stakeholder responsible for measure
  - Timeline for each measure
- Implementation timeline for action plan
- Stakeholder/public participation

# Who Should Be Involved?

- State Agencies
  - VDEQ-data analysis, plan drafting, air quality programs
  - VDOT-CMAQ programs and information
  - VDRPT & VPA-Air quality improvement plans
- Localities & MPOs
  - Information on current programs, both voluntary and mandatory
  - Consideration of and implementation of any new programs
  - Citizen outreach
- Other Stakeholders
  - Electrical generation industry-plans for meeting existing regulatory requirements and fleet improvement
  - Industry-Environmental improvement programs
  - Military bases-sustainability plans and environmental programs
  - Educational facilities-sustainable campus initiatives
  - Public
  - Other?

# Questions on Ozone Advance?