

# Ozone Advance

Doris McLeod  
Air Quality Planner-VDEQ  
804-698-4197  
[doris.mcleod@deq.virginia.gov](mailto:doris.mcleod@deq.virginia.gov)

# Agenda

- What is Ozone Advance?
- Why should the area participate?
- What is the timeline for Ozone Advance?
- Action Plan contents and participants?

# What is Ozone Advance?

## ■ Goals:

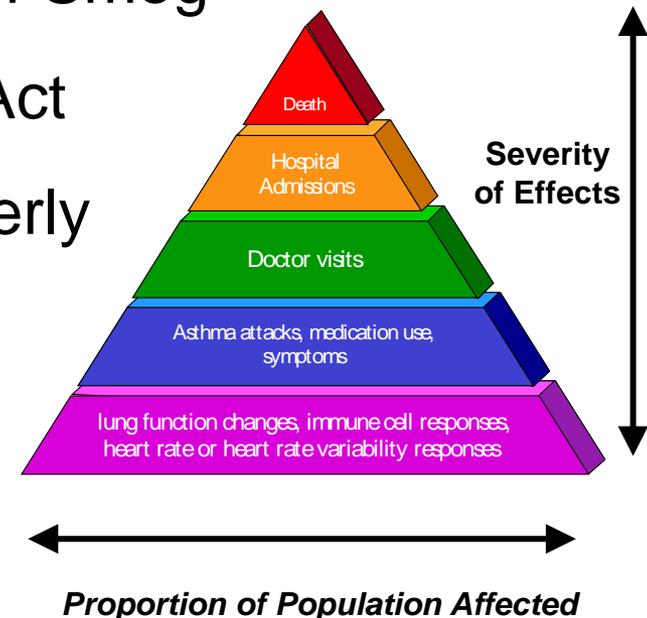
- Reduce emissions of ozone precursors so that areas will continue to maintain healthy air quality
  - Make progress towards meeting any future ozone NAAQS
- New voluntary EPA program to encourage emission reductions of ozone precursors
  - Collaborative effort
  - Participants may withdraw from program at any time

# Why Participate? Background

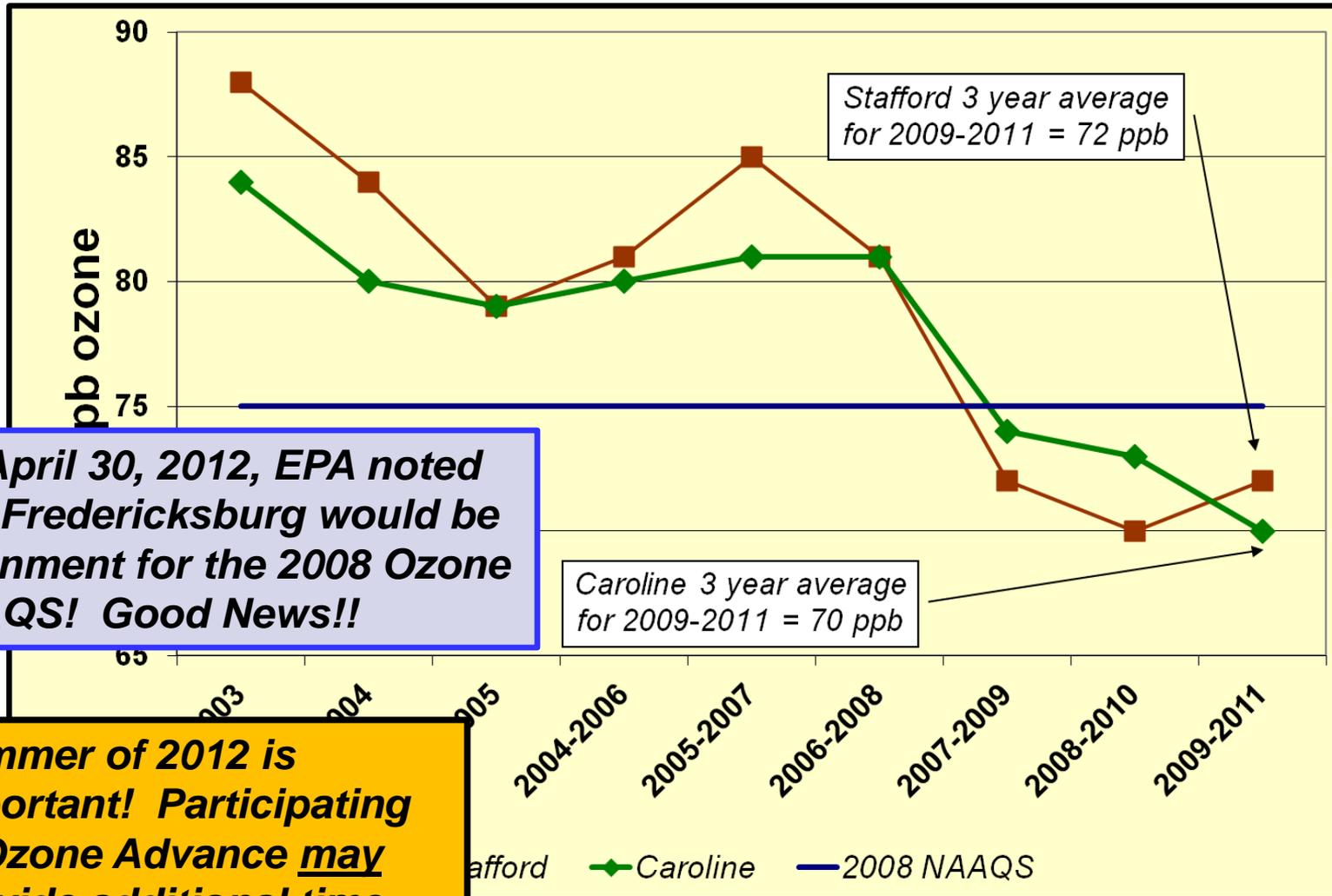
- Formation: VOC + NO<sub>x</sub> +  = Ozone

(volatile organic compounds + oxides of nitrogen + sunlight = ozone)

- Mainly a Summertime Pollutant
- Lung Irritant: Primary Component of Smog
- Heavily regulated by the Clean Air Act
- Affected populations: Children, Elderly Others
- Fredericksburg, Spotsylvania, & Stafford = Fredericksburg Maintenance Area for the 1997 Ozone Standard



# Why Participate? Ozone 3-Year Averages



**On April 30, 2012, EPA noted that Fredericksburg would be attainment for the 2008 Ozone NAAQS! Good News!!**

**Summer of 2012 is important! Participating in Ozone Advance may provide additional time.**

# 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

# The Action Plan

## ■ Contents

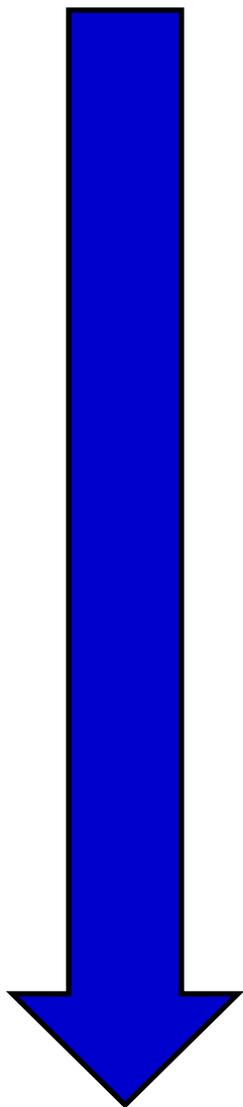
- Intro/Background
- Description of current and future measures
  - Detail on each measure
  - Stakeholder responsible for measure
  - Timeline for each measure
- Implementation timeline for action plan
- Stakeholder/public participation

## ■ Potential Partners

- Industry, federal facilities/military, educational institutions
- State agencies, citizen groups, public, other?

## 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



# Questions on Ozone Advance?