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Wichita Area Ozone Information Meeting

June 26, 2008
Wichita, Kansas

Presented by:
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Presentation Overview

- New Ozone Standard
- Implementation Timeline
- Designation Process
- Local Stakeholder Involvement



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EPA's New Ozone Standard

- Primary standard – 75 ppb
- Secondary standard – 75 ppb
- No rounding
- Area meets the new standard if design value is less than or equal to 75 ppb



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8-Hour Ozone Monitoring Data Wichita Area

Site	4th High (ppm)					Design Value	Design Value	Design Value	Critical Value
	2003	2004	2005	2006	2007	03-05	04-06	05-07	2008*
Park City (Sedgwick Co.)	0.071	0.063	0.065	0.065	0.059	0.066	0.064	0.063	0.104
Wichita Health Dept.	0.080	0.068	0.074	0.073	0.060	0.074	0.071	0.069	0.095
Peck (Sumner Co.)	0.077	0.052	0.078	0.080	0.070	0.069	0.070	0.076	0.078

**4th high equal to or higher than this value for the three-year average (design value) > 0.075 ppm.*



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Timeline for Implementation

<u>Milestone</u>	<u>Date</u>
EPA Administrator signed final rule	March 12, 2008
Effective Day of final rule (60 days following the publication in the Federal Register)	June 2008
State provide recommendations on designations to EPA	March 2009 (based on 2005-2007 monitoring data)
Final Designations by EPA	March 2010
Effective Date of Designations	Summer 2010
SIPs Due	Summer 2013
Attainment Dates	2013-2030 depending on severity of problem

EPA's Guidance for 2008 Ozone Standard

- New EPA guidance for determining area designations expected in late 2008
 - EPA Region VII has told us that the guidance will likely be “similar” to previous guidance for 2003 designation
- EPA will release new implementation rules/requirements in next few years



EPA's Previous Guidance for Boundary Recommendation

- Test #1 – Does a monitor in the metropolitan area violate the standard?
- Test #2 – Do VOC and NO_x emission sources in each county contribute to ozone concentrations over the standard?
- The designation process is not optional; if a monitor violates the standard, then that county is designated nonattainment



EPA's Previous Guidance for Boundary Recommendation (cont'd)

- The area determination is based on EPA's decision that includes each state's recommendation and supporting documentation
- Default Area is the Metropolitan Statistical Area (MSA)
- Area can include more or fewer counties
 - States must document decisions
 - Based on eleven (11) boundary determination criteria



Eleven Boundary Criteria

- Emissions and air quality in adjacent areas
- Population density and degree of urbanization (significant difference from surrounding area)
- Ozone monitoring data in surrounding area
- Location of emission sources
- Traffic and commuting patterns
- Expected growth (extent, pattern and rate)



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Eleven Boundary Criteria (cont.)

- Meteorology (weather and transport patterns)
- Geography/topography
- Jurisdictional boundaries (counties, air districts)
- Level of control of emission sources
- Regional emission reductions



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Opportunity for Input

- State Technical Staff reviews
 - Emission inventory data
 - Transportation/commuting data
- Also consider
 - Standard growth and contribution trends from state/national average
- Question that arises
 - Is there more appropriate “local” data for growth patterns in each county?



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How You Can Contribute

- County/area specific
 - Population growth information
 - Economic growth information
 - Commuting patterns
 - Level of interconnectivity with Wichita



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For More Information

- Webpage for ozone designation process
 - BAR currently developing website - (Coming soon) <http://www.kdheks.gov/bar/index.html>
 - Information on designation process
 - Eleven boundary factors
 - Copies of presentations
 - Provides opportunity for stakeholder input
 - Future meeting announcements



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Next Steps in Designation Process

- One or Two additional stakeholder meetings
- Next meeting expected to be mid to late August
 - Provide available technical information and update on current status of boundary designation process
- Last meeting tentatively expected to be in October
 - Provide draft designation boundaries for areas
 - Designations proposed at that time will not necessarily be final
 - Opportunity to “pre-review” technical data and logic for recommendation
- Ultimately, EPA will make final boundary decision



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Kansas Designation Process

- Will hold two or three meetings in the Wichita MSA
- KDHE will post draft Designation Technical Document and Recommendation on website for comment period– Probably sometime in September or October
- Will provide electronic copies of draft information to those that request



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Questions/Comments?



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