

VISTAS Planning Work Group

Meeting on “Baselines” and Strategy “Sensitivities” RTP, North Carolina

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AGENDA

■ **Base Case**

- *“On the Books”*
- *“On the Way”*
- *“On the What”*
- *Which do we use?*
 - *One or the other*
 - *Both for inventory only? AQ Modeling?*

■ **Strategy Sensitivities**

- *What Questions do we need to answer?*
- *What is the Priority for these questions?*
- *What is the process?*
- *What is the Schedule?*

BASE CASE

- *“On the Books”*
- *“On the Way”*
- *“On the What”?*
- *Which Do We Use?*
 - *Emission Inventory?*
 - *AQ Modeling?*

Strategy Sensitivities

- ***What Questions Do We Need to Answer?***
- ***What is the Priority for these questions?***
- ***What is the process?***
 - *Equivalent % Reduction*
 - *Array in Matrix*
- ***What is the Schedule?***
 - *January '04 - Sensitivity Questions Determined*
 - *March '04 - Final Set to Contractor*
 - *Sensitivity Runs - April - July '04*

Initial Thoughts on List of Key Questions Needing to be Addressed by Sensitivity Runs*

- Benefit of 2018 base strategy?
- Overall importance of NO_x vs. NH₃ vs. SO₂?
- As a function of SO₂ reduction, what is the importance of NO_x and NH₃?
- Importance of elevated NO_x vs. low level NO_x emissions (power plants / other large industrial vs. mobile)?
- Power plants vs. all other sources of SO₂?
- Importance of ground level SO₂? On road vs. off road?
- Importance of off road NO_x?
- Biogenic vs. anthropogenic VOC?

Initial Thoughts on List of Key Questions Needing to be Addressed by Sensitivity, Runs* cont'd.

- Relative importance of certain species of VOC?
 - The importance of primary carbon where primary PM is an issue?
 - Effect of prescribed fires on benefit of strategy?
 - Importance of area sources of NH₃?
 - Importance of controlling CAFOs?
 - Importance of other sources of NH₃?
 - Shallow vs. deep additional cuts in power plant SO₂?
 - Geographic sensitivities: each of the VISTAS states plus other regions? Other individual states?
- ** Brock's Thoughts and Notes from Planning Work Group Call August '03*