



Texas Commission on Environmental Quality

TexAQSS II and the Texas SIP

April 18, 2006



New Perspective

- Diminishing funding for the field campaign requires everyone to re-assess the goals of the study and re-focus our efforts.
- Some relaxation of SIP deadlines may increase relevance of the study to the DFW and HGB SIP revisions:
 - HGB Proposal moved from November '06 to December '06.
 - DFW Proposal moved from June '06 to Fall '06.



Integrating study findings into the SIP; Rapid Synthesis & SIP Schedules

Rapid Synthesis Schedule:

- Interim Progress Report **May 31, 2006**
- Phase1 Science Synthesis Report **July 15, 2006**
for SIP-Relevant Science Questions
- Preliminary Rapid Science **October 31, 2006**
Synthesis of TexAQS II Results
- Final Rapid Science Synthesis **August 31, 2007**
of TexAQS II Results

From Feb. '06 Rapid Synthesis Suggested General Approach.



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SIP Timeline: Estimated Dates and Activities



Ozone Transport SIP - possible agenda item based on EPA guidance

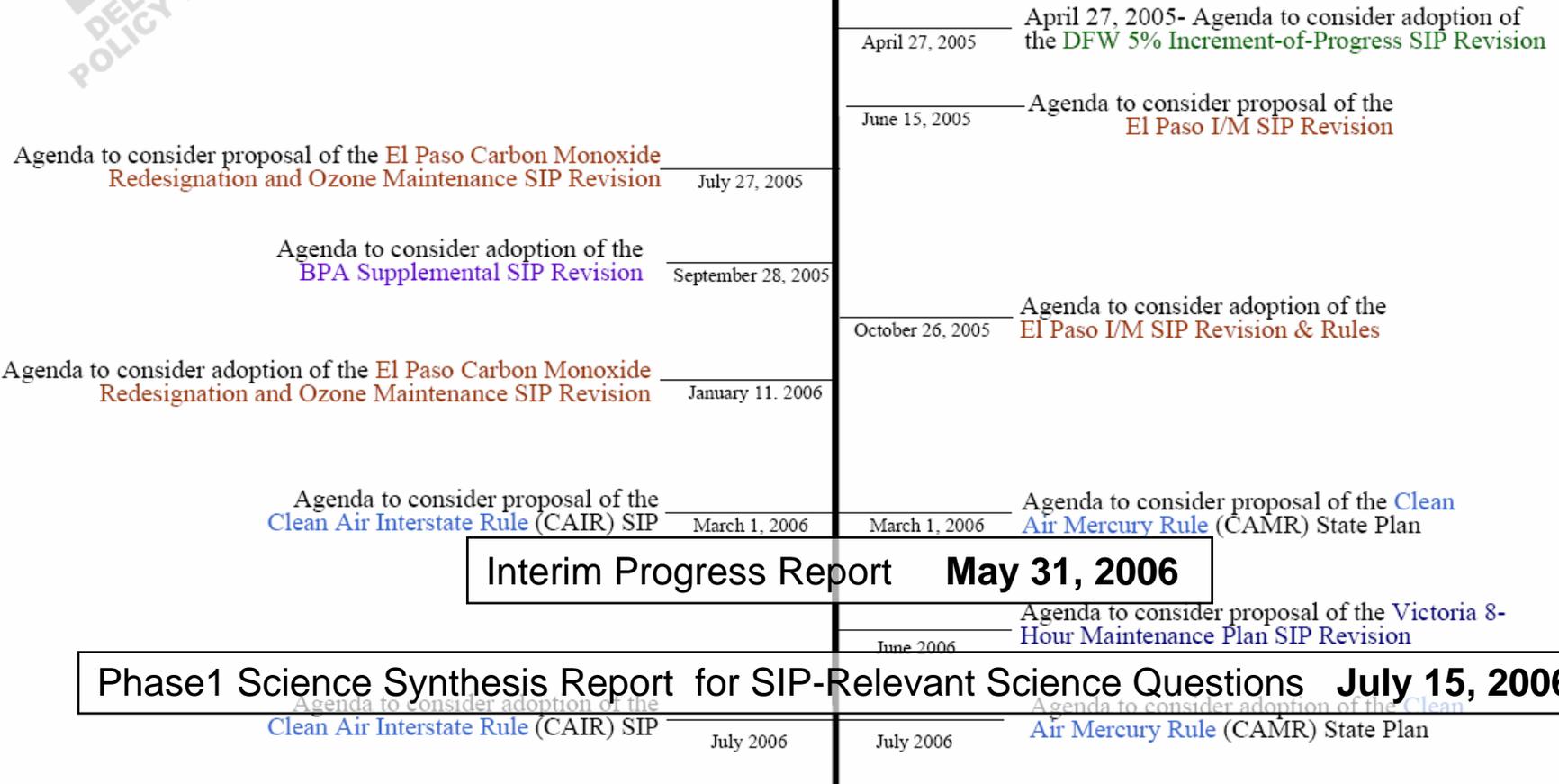
Natural/Exceptional Events Plan - possible agenda item based on EPA guidance

Does not include rulemaking associated with the various SIP revisions.



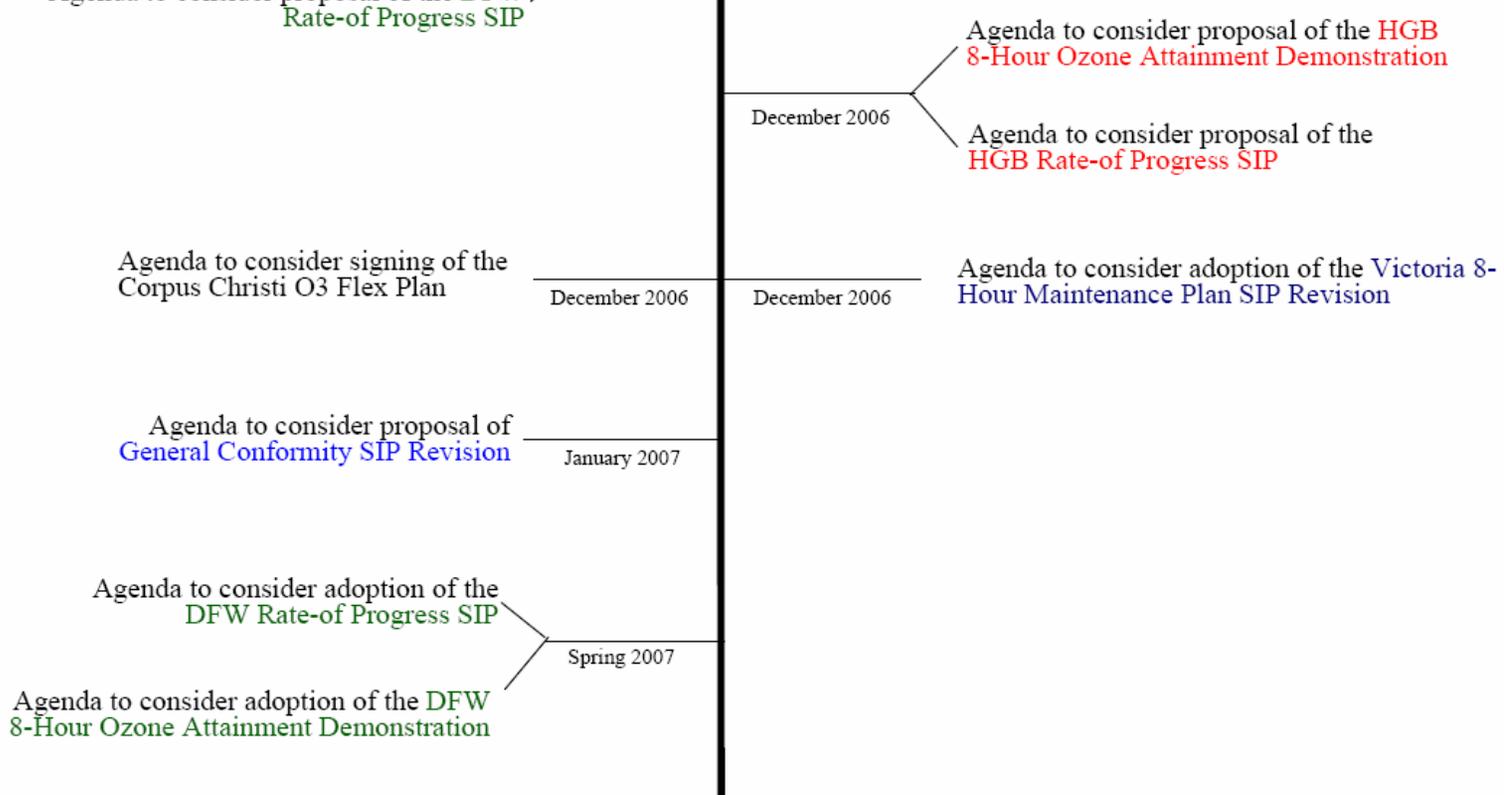
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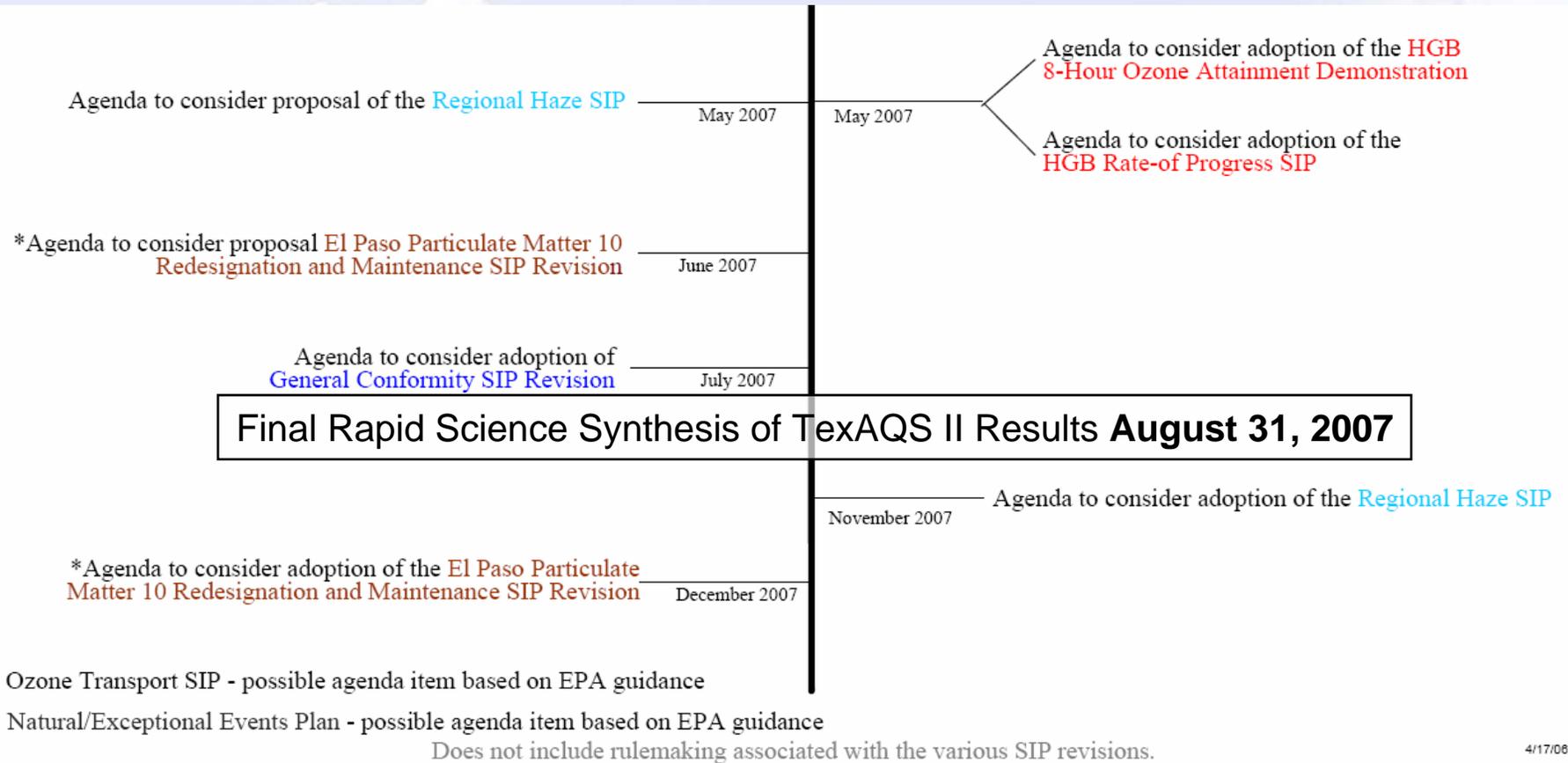
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Agenda to consider proposal of the **DFW**
8-Hour Ozone Attainment Demonstration
Preliminary Rapid Science Synthesis of TexAQS II Results October 31, 2006
Agenda to consider proposal of the **DFW**
Rate-of Progress SIP





4/17/08



SIP-Relevant Research Priorities

- High-Priority SIP-Relevant Science Questions
 - *Description of ozone and PM formation mechanisms, as observed and inferred independent of regulatory modeling*
 - *Sensitivity to VOC and NO_x emission reductions*
 - *Background ozone and aerosol concentrations and the role of regional transport*
 - *Other SIP-Relevant science questions*

From Feb. '06 Rapid Synthesis Suggested General Approach.



Discussion

- Extended SIP timelines may allow TexAQSS II findings to better support ozone SIP revisions.
- Findings can support the SIP process even when not included directly in SIP Revision.
- Rapid Synthesis SIP-Relevant Research Priorities relate to key SIP issues:
 - Validation of model response
 - Local vs. regional contribution to ozone
 - Most effective control strategies