

DFW Photochemical Modeling Technical Committee
April 7, 2006
Meeting Summary

1. Brian Foster with TCEQ welcomed the group and started the meeting.
2. Tom Diggs with EPA Region 6 mentioned that there were continued discussions between EPA Region 6, EPA Headquarters, and the TCEQ regarding the development of the DFW SIP. He mentioned that the group was looking into such things as emission inventory issues, modeling weight of evidence ideas, and potential control strategies. There were no other updates from the EPA.
3. Pete Breitenbach with TCEQ gave an update on the 2009 future case modeling for the DFW area. Pete showed the results of the newly revised 2009 future case modeling. He explained that the future case point source projections were revised using data from the EPA's 2005 Acid Rain Database. The projections from 2005 to 2009 for Texas EGU's was considered more realistic than projecting the same emissions from the 2000 base year. Pete also showed the new 2009 future design values. The monitor at Frisco continued to have the highest design value at 91.2 ppb followed by the Denton monitor at 89.6 ppb. Conclusions from the modeling include: Ozone is still more sensitive to NOx reductions than to VOC reductions; it will take approximately a 6.2 ppb reduction of ozone at the Frisco monitor to meet the 8-hour ozone standard; and the new target for NOx reductions inside the 9-county DFW area is 166 tpd, which is a 42% reduction of NOx.
4. Pete reviewed the individual sensitivity testing that has been accomplished thus far, which included the following: Texas EGU NOx emissions; Texas proposed/retired EGUs; DFW cement kilns; East Texas engine rules; and NCTCOG local control.
5. Chris Klaus with the NCTCOG mentioned to the group that the COG was looking at what other areas were doing with respect to potential control measures. Chris mentioned that they had a good response to a workshop recently regarding refuse haulers. Discussions involved looking at retrofits for large fleets of these vehicles. Chris also mentioned that they are looking at EPA's SmartWay program. He told us that the Regional Transportation Council has a lot of projects they are looking at.
6. Greg Yarwood with Environ was introduced to the technical committee. Greg was in town to attend the North Texas Clean Air Steering Committee meeting later that afternoon.
7. The meeting was adjourned at 11:50 am.