

Status Report
Four Corners Modeling Study
February 19, 2009

Current Activities

- 2005 Base case annual model run completed October 2008
- 2018 Base Case annual model run completed October 2008
- 2018 Base Case Ozone Source Apportionment (OSAT) results December 2008
- Formulated first 2018 mitigation scenario for power plants in January 2009:
 - includes mitigation scenario of selective catalyst reduction retrofit for Four Corners Power Plant and San Juan Generating Station
 - submitted to Environ for processing on Jan 30, 2009
 - mitigation scenario model run #1 completed February 28, 2009
- Environ completed preliminary base case 2018 Particulate Matter Source Apportionment (PSAT) and Anthropogenic Precursor Culpability Assessment (APCA) model runs in February 2009
- From February 1 to February 28 work on formulating final 4 mitigation scenarios
 - 2 scenarios to be formulated and submitted to ENVIRON by Feb 27, 2009
 - One high O&G NO_x control (control approx 30% NSPS retrofit on existing engines in NM)
 - One high O&G VOC control (approx 53%)

New Final Timeline:

2/27/09: Receive specifications for two oil and gas mitigation scenarios

March 2009: Complete model runs for two oil and gas scenarios and formulate final two scenarios

4/17/09 - 5/15/09: Complete CAMx post processing for last of the remaining four mitigation scenarios (interim results will be provided as they become available)

5/1/09 - 5/29/09: Complete draft final report

6/1/09: Post report on website: <http://www.nmenv.state.nm.us/aqb/4C/Modeling.html>

Follow-up 4CAQG meeting TBD