



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 6

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MEMORANDUM

SUBJECT: Information Copy of El Paso-Juarez PM-10 Modeling Scoping Study

FROM: A. Stanley Meiburg
Director
Air, Pesticides & Toxics Division (6T)

TO: William G. Laxton
Director
Technical Support Division (MD-14)

John Calcagni
Director
Air Quality Management Division (MD-15)

One of the recent outputs from Region 6's continuing projects in the El Paso-Ciudad Juarez international airshed is a final contractor report dealing with the best modeling techniques to address the PM-10 problems there. For your information I have attached copies of this report, completed for Region 6 by Systems Applications International.

Based upon previous data we have acquired, my staff and I generally agree with the report's conclusions. Of particular note are the findings that UAM is the preferred dispersion model, that receptor modeling is also needed in the airshed, that the Diagnostic Windfield Model (DWM) of UAM is the preferred windflow simulation technique, and that secondary particulates are probably of only minor concern to the El Paso-Juarez PM-10 problem. Although this report does not constitute a modeling protocol and we have not yet received agreement from the Government of Mexico or the States of Texas or New Mexico on our long-term technical approaches to the airshed's air quality problems, I wanted to share this with you and solicit any comments you may have on the report.

Please call me with your questions or comments or your staff may contact Jim Yarbrough (FTS 255-7214). We have previously forwarded copies of these to the Mexican SEDUE agency and the States of Texas and New Mexico. I am also forwarding a copy of the report to the Region 10 Environmental Services Division for staff's information with reference to the STAGMAP project that Region 10 is currently managing.

Thank you very much.

Attachment

cc: Robert Courson, Region 10 w. Attachment