US Environmental Protection Agency  
Science Advisory Board  
Clean Air Scientific Advisory Committee  
Technical Subcommittee on Fine Particle Monitoring

US Environmental Protection Agency, Environmental Research Center, Classroom #2,  
Route 54 and Alexander Drive, Research Triangle Park, NC

January 22, 2001 - Meeting Agenda (Draft 1/17/2001)

Monday, January 22
8:30 am  Introduction and Purpose  
Administra
tion  
Phil Hopke, Chair  
Robert Flaak, DFO

8:40  National Ambient Air Quality Standards (NAAQS)  
Timelines and related events  
John Bachmann,  
OAQPS

8:50  Update on PM Network Status  
Lee Byrd, OAQPS

9:00  Revisiting Method Equivalency and Accommodating  
Continuous Methods  
Tim Hanley, OAQPS

9:30  Poster Session  [and Break]  [Presenter underlined]

Method for Field Calibrating $PM_{2.5}$ - Robert A. Fletcher, National Institute for  
Standards and Technology (NIST), Gaithersburg, MD

Comparison of continuous mass monitors during the TexAQS200 Intensive. Philip  
Hopke and Alexander Polissar, Clarkson University and William Wilson, U.S.  
Environmental Protection Agency

Definition and Indicator of Fine Particulate Matter Mass Influences the Statistical  
Significance of the Relationship between Fine Particulate Matter Mass and  
Cardiovascular Mortality, William Wilson, National Center for Environmental  
Assessment, U.S. Environmental Protection Agency, Therese Mar, University of  
Washington, and Scott Kegler, National Center for Environmental Assessment

10:20  Technical Presentations  [Time allocated noted after each presentation]

Invited Presentations  (60 minutes):
State Agency Perspectives - Lee Alter, NESCAUM (30 min)

Statistical relations between continuous and gravimetric techniques - Shelly Eberly,  
OAQPS (15 min)

Continuous PM coarse methodology - Constantinos Sioutas, USC (15 min)
Public Presentations (70 minutes):

Ongoing development work and techniques for continuous ambient particulate measurement in regard to 40CFR Part 53 criteria for equivalency for PM\textsubscript{10} and PM\textsubscript{2.5} - Tom Merrifield, BGI Inc., Waltham, MA (15 min)

Particulate matter measurement issues - Michael Meyer, Rupprecht and Patashnick Co., Inc Albany NY (15 min)

The following four presentations were coordinated by Thermo Anderson

The \textit{FH62-C14 monitor is a continuous ambient mass monitor, additional measurement of radioactive alpha-aerosol concentrations simultaneously} - Herbert Schlösser, Thermo Particle Instruments, Atlanta, GA (10 min)

Evaluation of a continuous ambient PM\textsubscript{2.5} mass and surface monitor (CAMM) - George Allen, Harvard School of Public Health, Boston, MA (10 min)

\textit{The MIE DataRAM 4 real-time particulate matter monitor} - Pedro LiLienfeld, Thermo-MIE Corp. (10 min)

\textit{Continuous speciation monitor for particles and gases in ambient air} - Wes Davis, Andersen Instruments Inc., Smyrna, GA (10 min)

12:30 pm Lunch

1:30 Panel Discussion (To include invited Presenters and Agency Staff) Subcommittee

3:30 Break

3:45 Summary and Next Steps Phil Hopke

4:15 Adjourn (Time Approximate)