

US EPA ARCHIVE DOCUMENT

2014 Region 4 Modelers Workshop
3 - 5 November 2014
Agenda

3 November [Monday]

- 1:00 PM **Welcome: Beverly Banister - APTM Division Director EPA**
Workshop Overview/Logistics/Introductions
Planning/Summaries Meetings and Guidance
- 1:15 PM 2014 National R/S/L Modeling Conference....George Bridgers (OAQPS)
11th Modeling Conference Preview and Appendix W
(Summary/Issues)
- 2:00 PM CMAS Conference Overview..... Byeong-Uk Kim GA
- 2:30 PM SO₂ Modeling Guidance-Designations/SIPs.....
..... James Thurman OAQPS/Rick Gillam R4
- 3:00 PM **Break (15 Min)**
- Open Discussions Permitting Activities**
- 3:15 PM Highlights: Offshore Modeling Training Workshop/Outer Continental Shelf Permitting
.....Richard Monteith/Kelly Fortin R4
- 3:45 PM Modeled Violations and Resolutions Brenda Johnson R4
- 4:15PM Resolving Modeled NAAQS Violations.....Michael Goldstein Memphis
- 4:45 PM State/Local Report Outs
- 5:30 PM **Wrap Up/End Day**

4 November [Tuesday]

- 8:00 AM **Workshop Update and Housekeeping**
Regulatory, Policy, and Permitting Updates
- 8:10 AM NSR Updates/Trends/Issues in Regional PSD Permits.....
.....Heather Ceron R4
- 8:45 AM OAQPS Model Clearinghouse Update.....George Bridgers OAQPS
PM2.5 Modeling Guidance
- 9:30 AM PM2.5 SIL Precursor/Other.....Charles Buckler/Dan de Roeck OAQPS
- 10:15 AM **Break (15 Min)**
- Modeling Experiences and Applications**
- 10:30 AM Determining SO₂ Monitoring by Receptor Ranks..... Kyle Spangle TN
- 11:00 AM Recent Clean Air Act - Case Law Developments..... Keri Powell R4
- 11:30 AM **Lunch (90 Min)**

AERMOD, AERSCREEN, & AERSURFACE Updates

1:00 PM AERSCREEN & AERSURFACERoger Brode/James Thurman OAQPS
 AERMOD Status & Plans, AERMOD and BPIP-Prime Program Revisions
 Application of 1 March 2011 Guidance
 (Non-Default AERMOD Options, Gradient Analysis, Intermittent Sources, etc.)

Modeling Experiences and Applications

2:00 PM Compliance Issues with the Short-term NAAQS.....Leigh Bacon AL
 2:30 PM Updated Modeling Evaluation of the Lovett Plant Using
 AERMOD and CALPUFF.....Tom Anderson NC

3:00 PM **Break**

3:15 PM Eastman Site-Specific Dispersion Model Application for SO₂ 1-hour Compliance
 Haidar Al-Rawi TN

Class I Area Permit Modeling

3:45 PM FLM Update and PSD Class I Area Guidance.....
John Notar NPS/Tim Allen FWS/Bret Anderson FS

5:00 PM **Wrap Up/End Day**

5 November [Wednesday]

8:00 AM **Workshop Update and Housekeeping**

Review, Designations and Other Topics

8:10 AM NAAQS, SIP, Regional Haze Update..... Lynorae Benjamin R4

9:10 AM Transportation Conformity/MOVES 2014.....
Dianna Smith/Richard Monteith R4

9:40 AM Ambient Monitoring Activities.....Daniel Garver R4

10:15 AM **Break (15 Min)**

10:30 AM SO₂ Attainment and Designation Experiences.....Tom Rogers FL

11:00 AM Ozone and PM_{2.5} SIP Modeling Guidance Updates.....Brian Timin OAQPS

11:30 AM **Lunch (90 Min)**

Modeling Experiences and Applications

1:00 PM Development/Application of Trading Ratios to Account for PM_{2.5} Secondary
 Formation in GeorgiaJim Boylan GA

1:30 PM Pre-application Meeting PSD Permitting.....Kevin Davis KY

2:00 PM Case Study – Significant Concentration GradientJohn Glass SC

2:30 PM **Break (15 Min)**

Ozone, SO₂, NO₂ and PM_{2.5} SIP Modeling and Monitoring

2:45 PM Emissions Inventories for Attainment/Redesignation SIPs...Brenda Johnson R4

3:15 PM Modeled SO₂ Emissions Verses Monitored Ambient Values.....Tom Rogers FL

3:45 PM Application of RLINe for Near-road Air Quality Modeling Study in Atlanta
Byeong-Uk Kim GA

4:15 PM Discussion

5:00 PM **Wrap Up/End Day - Adjourn Workshop**