

US EPA ARCHIVE DOCUMENT

10/06/14

**2014 Region 4 Modelers Workshop
3 - 5 November 2014
Draft 6 Agenda**

3 November [Monday]

- 1:00 PM **Welcome**
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..... Jim Boylan 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
PermittingRichard 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**
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4 November [Tuesday]

- 8:00 AM **Workshop Update and Housekeeping**
Regulatory, Policy, and Permitting Updates
- 8:10 AM NSR Updates.....Heather Ceron R4
Trends/Issues in Regional PSD Permits
- 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
- 10:00 AM **Break (15 Min)**
- 10:15 AM Recent Clean Air Act - Case Law Developments..... Keri Powell R4

Modeling Experiences and Applications

10:45 AM Determining SO₂ Monitoring by Receptor Ranks..... Kyle Spangle TN

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 Evaluating Non-Default Options in AERMOD and CALPUFF...Steve Lund NC

3:00 PM **Break**

3:15 PM Development/Application of Trading Ratios to Account for PM_{2.5} Secondary
Formation in GeorgiaJim Boylan GA

3:45 PM Pre-application Meeting PSD Permitting.....Kevin Davis KY

4:15 PM Eastman Site-Specific Dispersion Model Application for SO₂ 1-hour Compliance
..... Haidar Al-Rawi TN

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

9:30 AM Transportation Conformity/MOVES 2014.....
.....Dianna Smith/Richard Monteith R4

10:00 AM **Break (15 Min)**

10:15 AM SO₂ Attainment and Designation Experiences.....Tom Rogers FL

10:45 AM Emissions Inventories for Attainment/Redesignation SIPs...Brenda Johnson R4

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

Class I Area Permit Modeling

1:00 PM FLM Update and PSD Class I Area Guidance...John Notar NPS/Tim Allen FWS

Modeling Experiences and Applications

2:00 PM MS DEQ SO₂ and NO₂ 1-hour SIL Jacqueline Evans MS

2:30 PM Case Study – Significant Concentration GradientJohn Glass SC

3:00 PM **Break (15 Min)**

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

3:15 PM Ozone and PM_{2.5} SIP Modeling Guidance Updates.....Brian Timin OAQPS

3:45 PM Modeled SO₂ Emissions Verses Monitored Ambient Values.....Tom Rogers FL

4:15 PM Application of RLINE for Near-road Air Quality Modeling Study in Atlanta
.....Byeong-Un Kim GA

4:45 PM Discussion

5:30 PM **Wrap Up/End Day - Adjourn Workshop**