



MID-ATLANTIC REGIONAL AIR MANAGEMENT ASSOCIATION, INC

**MARAMA State Implementation Plan (SIP)
Training Course and Workshop**

**February 22-23, 2017
The Gettysburg Hotel
1 Lincoln Square
Gettysburg, Pennsylvania
(717) 337-2000**

Agenda

DAY ONE: February 22, 2017

8:30–8:45 Welcome, Introductions, and Pre-Course Test (*Susan Wierman and Leah Weiss*)

Day 1: Overarching requirements, roles, and responsibilities in SIP planning

8:45–9:35 Clean Air Act (CAA) History and Structure—With an Emphasis on SIPs (*Leah Weiss*)

- Brief CAA history
- Federal codification and CAA titles and sections
- Overview of titles
- Key subparts and sections

9:35–10:00 CAA Requirements for Attainment (*Leah Weiss*)

- Key goals, components, and requirements in Parts A and D
- Hierarchy of requirements based on designation status (CAA section 182)
- Ozone Transport Region (OTR) requirements (CAA section 184)

10:00–10:15 *Break*

10:15–10:45 What is a SIP? (*Leah Weiss*)

- Key goals (attainment, maintenance, no backsliding or downwind impacts)
- Key components
- Relationship between states and EPA re: SIP submittal and approval

10:45–12:15 Key SIP Planning Tasks (Part 1)

- The role of monitoring in SIP planning (*Nick Lazor, PA*)
- The role of air emissions inventories in SIPs (*David Fees, DE*)
- The role of Eastern Regional Technical Advisory Committee (ERTAC) and its Electric Generation Units (EGU) Emissions Tool (*Susan Wierman, MARAMA*)
- Control strategy development and analysis, part 1
 - ❖ General approach to identifying control strategies (*Sharon Davis, NJ*)

- 12:15–1:30 *Lunch (On your own)*
- 1:30–3:45 Key SIP Planning Tasks (Part 2)
- Control strategy development and analysis, part 2
 - ❖ Reasonably Available Control Technology (RACT) as a control strategy and SIP requirement (*Sean Wenrich, PA*)
 - ❖ OTC’s NOx Control Compendium (*Joseph Jakuta, OTC*)
 - The role of modeling in SIPs (*Sharon Davis, NJ*)
 - Overview of transportation and general *conformity* (*Thomas Ballou, VA*)
 - Public process and input (*Thomas Ballou, VA*)
 - Introduction to EPA and SIP process improvement efforts (*Brian Rehn, EPA Region III and discussion*)
- 3:45–4:00 *Break*
- 4:00–4:20 1990 CAA amendment SIPs (*Leah Weiss and group*)
- Previous SIPs and their role in current SIP planning
 - First round of SIP planning under the 1990 amendments; 15 % ROP plans, RFP
- 4:20–5:00 Federal SIP-related Actions (*Leah Weiss*)
- Sanctions
 - SIP Calls and FIPs
 - Enforcement
- 5:00 *Adjourn for the day – Dinner is on your own*

DAY TWO: February 23, 2017

- 8:30–8:40 Welcome Back, Check-in (*Susan Wierman and Leah Weiss*)
- Day 2: Programs, Policies, and Tools in SIP Planning**
- 8:40–9:15 The Role of the SIP Planner (*Leah Weiss and group discussion*)
- Required coordination
 - Timeline and sequencing for developing SIPs
 - Inherent problems
 - The learning curve
- 9:15–10:15 SIP and State Plan Planning in Non-ozone and Non-violation Contexts (Part 1) (*Presentations and group discussion*)
- Other criteria pollutant SIPs (*Leah—overview/framework*)
 - North Carolina’s boundary recommendations for the SO2 NAAQS—a case study (*Sushma Masemore, NC*)
 - Maintenance planning in attainment areas (*Thomas Ballou, VA*)
- 10:15–10:30 *Break*

- 10:30–11:15 SIP and state plan planning in non-ozone and non-violation contexts (Part 2)
(*Presentations and group discussion*)
- Regional Haze SIP planning (*Joseph Jakuta, OTC*)
 - Regional Haze consultation expectations/discussion (*Sharon Davis, NJ, Thomas Ballou, VA, Sushma Masemore, NC*)
 - 111d State Plans in general and new requirements for incinerators (*Michael Gordon, EPA Region III*)
- 11:15–11:35 The NAAQS Review Cycle and SIPs (*Susan Wierman, MARAMA*)
- 11:35–12:00 “Quantifiable, Surplus, Enforceable, and Permanent” in SIP Planning and Air Quality
(*Leah Weiss and group discussion*)
- What do these terms mean and what is SIP credit?
 - Importance of program design, enforcement efforts, and program evaluation
 - Related policy issues
 - Anti-backsliding requirements/Section 110(I) (*Sushma Masemore, NC*)
- 12:00–1:30 *Lunch (On your own)*
- 1:30–2:45 Transport (*presentations and group discussion*)
- Available tools for addressing transport (*Susan Wierman, MARAMA*)
 - History and precedents (*Leah Weiss and group*)
 - CSAPR and CSAPR Update (*Susan Wierman, MARAMA*)
 - General discussion on how to deal with transport (*Mike Abraczinskas, NC, Tad Aburn, MD; Thomas Ballou, VA; Danny Wong, NJ*) (*Panel and group discussion*)
- 2:45–3:30 Key SIP Policy Issues and Tips (*presentations and group discussion*)
- How to submit a SIP (Subpart F and Appendix V requirements) (*Gavin Huang, EPA Region III*)
 - Designation process: requirements & historical perspective (*Joe Schulingkamp, EPA Region III*)
 - Updated NAAQS: revocation and impacts on SIPs and SIP planning (*Emlyn Velez-Rosa, EPA Region III*)
 - EPA national consistency and downwind impacts (*Sharon Davis, NJ*)
- 3:30–3:45 *Break*
- 3:45–4:15 Alternative Ways to Develop SIP through Multi-pollutant Planning; Barriers and Possibilities (*Leah Weiss and group discussion*)
- 4:15–4:45 Follow-up, Post-course Test, and Course Evaluations (*Susan Wierman, MARAMA*)
- 5:00 *Adjourn*