Michigan Department of Environmental Quality
Air Quality Division and the Lake Michigan Air Directors Consortium will host

Introduction to Air Quality SIP Planning

at the Lansing Community College (LCC) West Campus, Lansing Michigan
Tuesday July 28th – Wednesday July 29th, 2015

Instructor: Zac Adelman, Institute for the Environment, UNC Chapel Hill

This 2-day course was developed to provide a fairly detailed overview of the work involved in preparing a State Implementation Plan (SIP). It’s specifically designed for new Air Quality Planning staff and for those who want to better understand the SIP process:

A State Implementation Plan (SIP) covers a wide range of elements related to air quality assessment and pollution control, including: SIP development; national and state policy development; development of regulations aimed at the attainment and maintenance of the National Ambient Air Quality Standards (NAAQS); stationary source emissions summation, data calculation, and emission and photochemical modeling; and mobile source planning coordination.

AGENDA

Day 1 – 8:00 am until 5:00 pm

MODULE 1: Understanding Regulatory Requirements and Processes

- Air Quality Management
- The Clean Air Act
- The National Ambient Air Quality Standards
- State Implementation Plans (SIPs)
- EPA SIP Guidance
- Case Study: Finding out What’s in Your SIP
- Regulatory and non-Regulatory SIP Elements
- SIP Credits
- Clean Data Findings
- Interstate Transport
- Conformity

MODULE 2: Data Sources and Resources Used in SIP Development

- Air Quality Monitoring: Purpose, requirements, and networks
- AIRNow and the Air Quality Index
- Emissions Inventories

Day 2 – 8:00 am until 5:00 pm

MODULE 2 (Continued):

- Day 1 Review
- Resources for Emissions Inventories and Modeling
- Case Study: Submitting an Emissions Inventory SIP
- Control Technologies and Measures
- New Source Review
- Prevention of Significant Deterioration
- Case Study: How Much of Your Permit Program is Included in Your SIP
- Air Quality Modeling
- Attainment Demonstrations
MODULE 3: SIP Work Products and Schedules

- SIP Requirements, Processes, and Schedules
- Public Comment Periods
- EPA Regional Office Update
- SIP Challenges and EPA Actions: Litigation, FIPs, Sanctions, and SIP Calls
- EPA Web Sites and Rule Making Documents
- Case Study: Attainment Demonstration
- Case Study: Maintenance Plan and Request for Reclassification
- Final examination

Each Day includes:
- Registration / Sign-in & Continental Breakfast – 7:30 to 8:00 am
- Buffet Lunch – 12:00 to 1:00 pm
- Morning & Afternoon Breaks

EPA Region 5 SIP staff plan to attend this course. It’s an excellent - and rare - opportunity to meet those that approve SIPs.

ENROLLMENT – Enroll via the EPA APTI Learning Management System webpage no later than July 17th. Those attending from agencies outside Michigan DEQ are also asked to send an e-mail to deguirel@michigan.gov that includes: Name, Agency, and Contact information (e-mail, phone, mailing address) Maximum of 70 attendees.

FACILITY – Training will be held in Executive Amphitheatre on the LCC West Campus located at 5708 Cornerstone Drive, Lansing MI 48917. Parking is free.

BREAKS & MEALS – Continental Breakfast and a Buffet Lunch will be provided each day. A vegetarian option will be available. During breaks, beverages will be provided as well as a mid-afternoon snack.

SPECIAL ACCOMMODATIONS – Please contact us at least three weeks in advance of this training course if you require special accommodation at the LLC West Facility.

LODGING – Please make your own lodging arrangements. A few nearby hotels are listed below for your convenience. There are many other options to choose from as well. Some offer a government rate or a discount when you mention LCC Conference Services:

- Crown Plaza West: 925 S. Creyts Road, Lansing MI 48917 517-323-7100 [4 minutes by car]
- Country Inn & Suites by Carlson: 6511 Centurion Dr., Lansing, MI 48917 517-827-7000 [4 minutes by car]
- Quality Suites: 901 Delta Commerce Drive, Lansing MI 517-886-0600 [9 minutes by car]

Questions? Contact Laura DeGuire at deguirel@michigan.gov or 517-284-6731
-or- Mike Jackson at jacksonm11@michigan.gov or 517-284-6733