



Northeast States Clean Air Academy
presents
MOBILE SOURCES 101 for Tribes
December 10 and 11, 2003

US EPA
TAMS Center Training Facility
La Plaza Building D
4220 S. Maryland Parkway
Las Vegas, Nevada

"Mobile Sources 101 gave me a comprehensive overview of the issues, technologies and challenges to reducing vehicle emissions. The course gave me a combination of firsthand insights from experts and casebook knowledge that I can immediately use in my work."

-- Course attendee from New York

Over the past decade, environmental regulators and vehicle manufacturers have greatly reduced motor vehicle emissions through the implementation of new vehicle emission standards. While new vehicles will continue to get cleaner, the combination of longer vehicle useful lives and continued increases in vehicle miles traveled ensure that mobile sources will remain a dominant source of state emission inventories for the foreseeable future.

Suburban sprawl, the popularity of sports utility vehicles, and the growth of non-road diesel vehicles are increasing the amounts of ozone precursors NO_x and VOCs, fine particulates, and air toxics in our communities. Mobile source abatement programs will play a strong role in reducing these harmful pollutants to protect public health.

Nationwide, there are only a few courses available for the air quality professional focused on addressing mobile source emissions. With input from staff in the Northeast states, Northeast States for Coordinated Air Use Management (NESCAUM) developed Mobile Sources 101 -- a two-day, intensive course specifically designed to address the needs of tribal staff new to mobile source issues or those who may want a refresher. This is the only course of its kind specifically designed for tribal staff.

Mobile Sources 101 is an entry-level course covering a full range of mobile source issues regarding emissions and control strategies of on-road and non-road vehicles. All students receive a comprehensive notebook and computer CD of course materials, including models, references and exercises.

Mobile Sources 101 will be offered a number of times around the country. Each course will have limited enrollment to ensure constructive dialogue and student interaction. Interested attendees for the Las Vegas locations should contact NESCAUM by **November 7, 2003**. NESCAUM will provide assistance of up to \$800 for airfare or mileage, hotel, and per diem using the Federal rates for Las Vegas. We will contact you soon after to acknowledge availability.

For more information, please contact:
Charla Rudisill at NESCAUM
(617) 367-8540 x 236 or crudisill@nescaum.org

"If Mobile Sources 101 was a movie, it'd win an Academy Award for best content and best presentation. The instructors really held my attention and the content was exceptional."

-- Course attendee from Connecticut



Northeast States Clean Air Academy

MOBILE SOURCES 101

Draft Overview

Day 1: 9:00 am to 4:30 PM

OVERVIEW OF MOBILE SOURCES

- Description of mobile sources and how they pollute
- Air pollution caused by mobile sources
- Formation of mobile source emissions
- Measurement of mobile source emissions

MOBILE SOURCE CONTROL STRATEGIES

- Vehicle emissions standards
- Controlling fuel quality
- State and local initiatives
- Advanced technologies
- Attainment requirements

Day 2: 8:30 am to 4:00 pm

MODELING MOBILE SOURCE EMISSIONS

- MOBILE6
- Other mobile source emissions models

EVALUATION OF INSPECTION/MAINTENANCE PROGRAMS

- Evaluating I/M program options (IM240, remote sensing, and others)
- Data analysis
- Case studies