

Training Update

November 2011

National Training Strategy

- **NACAA/EPA Training Committee**
- **Goal – to meet agency needs**
 - **Improve access to courses**
 - **Improve course materials**
 - **Conserve resources through use of state-of-the-art learning management system**

Learning Management System

- Training tracks for job categories
- Course library – students and instructors
- Calendar of training events/courses
- Registration system
- Communication system
- Evaluation system
- Automated course certificate production
- Student records archive
- Reporting

Higher Level LMS Capabilities

- **Online e-learning**
- **Online course material access**
- **Online testing**
- **Online networking**
 - **Wikis and blogs**
 - **Forums/message boards**
 - **Instant messaging/chat**

Training Tracks

- **Basic courses**
- **Specialty courses**
 - **Ambient monitoring, QA/QC, data analysis**
 - **Emissions inventory preparation**
 - **Modeling and forecasting**
 - **Air quality planning/regulation development**
 - **Permit writing**
 - **Compliance and enforcement**

Training Tracks

- **Specialty courses (cont.)**
 - **Air toxics/hazardous air pollutants**
 - **Stationary sources and control**
 - **Source sampling and monitoring**
 - **Mobile sources**
 - **Climate change**

e-library Description

- A separate e-library will be set up for each course:
 - **Pre-test**
 - **Post-test**
 - **Student manual**
 - **Instructor manual**
 - **Instructor slides**
 - **Supplemental resource materials**

Access to LMS

- **Primary administrator - EPA/Contractor**
- **Training sponsors - MJOs**
- **States and local agencies - registrants**
- **Trainers and instructors - limited access to their specific courses needs**
- **Students - training tracks, course selection, course materials, records**

LMS Development Schedule

- **GSA awarding of development contract**
 - *December 1, 2011*
- **Contractor development time**
 - *December 2011 – June 15, 2012*
- **Data uploads (historical and course curriculums)**
 - *June 15 - July 15*
- **LMS usage training**
 - *July 15 - September 15*

Metro 4/SESARM

FY 2011 Training Summary

- **Courses presented – 24**
 - **APTI – 9**
 - **CARB – 15**
 - **Course days - 55**
- **Total SE state/local students - 660**
 - **Metro 4 – 129 (19.5%)**
 - **SESARM – 531 (80.5%)**
- **Training expenditures ~ \$114,500**

Metro 4/SESARM FY 2012 Training Plan

- **Course presentations**
 - **APTI – 10**
 - **CARB – 14**
 - **Budget – \$130,000**
- **Course updates**
 - **APTI 350 – work continuing**
 - **Budget - \$28,000**

Long-term Goals

- **More e-learning**
 - **Include facilitation guidance**
- **More cost-effectiveness**
 - **Less travel time and cost**
 - **Use of more agency facilities**
- **Maintain classroom capability for special cases**

QUESTIONS?