



# **The NELAC Institute (TNI)**

## **Educational Delivery System**

**August 8, 2012**

**Betsy Kent**

**Reedy Creek Improvement District**

**Chair, TNI Technical Assistance Committee**





# Need for Training

- AB Task Force identified Assessor Training as one key goal
- TNI requires QA Managers to be trained; no curriculum exists
- TNI members and other frequently cite technical and QA training as a need





# Technical Assistance Committee (TAC)

- Develop tools and templates to assist laboratories and accreditation bodies with implementing accreditation programs.
- Ensure that training programs relevant to the needs of the stakeholder community are provided.
- Ensure that laboratory assessors have a forum to discuss common issues.
- Develop a mentoring program to assist both laboratories and accreditation bodies with implementing accreditation programs.





# Educational Delivery System

- Training developed by TNI and others
  - “Live” training courses
  - Webinars
  - Webcasts
- SOP 1-110 – EDS
  - provides procedures for development, review and acceptance, renewal and establishment of fees for training courses.



# Training and Outreach

- Training Curriculum being developed
  - Technical training
  - QA Manager training
  - Assessor training
- Goal is to move most training on-line
- Partner with other organizations:
  - FSEA
  - NYAAEL
  - PYAAEL
  - WEAT



# Multiple Approaches

- TAC or other TNI group identifies training need
  - Develop course internally
  - Issue RFP and select trainer
- Trainer develops proposal
  - Reviewed by TNI training coordinator
- Regional group contacts TNI with request





# Live Training Courses

- Held at location and time selected by trainer
- Held in conjunction with TNI meetings
- Held at Regional meetings and workshops





# Webinar/Webcast

- Webinar
  - Live event accessible on-line
- Webcast
  - Downloadable streaming video of webinar





# Training Courses in 2012

- 2 TNI meetings
  - 9 courses
- 4 Regional meetings
  - 5 courses
- 5 Live events
- 3 Webinars
  - Also available as webcasts

> 500 individuals  
YTD





# TNI Winter Meeting

- Assessing Radiochemistry
- Basic Chemistry and Operation of  
Currently Approved Wet Chemical Methods
- FSMO Accreditation





# EMS Training Courses

- Basic Chemistry and Operation of Currently Approved Wet Chemical Methods
- Being Audited for the Correct Use of Standard Methods
- Accreditation Demonstrates Competency for Field Activities
- Getting Ready for NEFAP
- A Practical Foundation in ISO/IEC 17025:2005
- How to Manage an Effective Quality Management System





# Regional Workshops

- FSEA, Clearwater, FL
  - Requirements for the Use of Test Methods by Accredited Laboratories
- NYPAEL, Courtland, NY
  - How to Modify a Method Through an Alternate Test Procedure
  - Standard Methods for the Examination of Water and Wastewater; Part 1000
- PAAEL, State College, PA
  - Gas Chromatography and Mass Spectrometry Analysis and Data Review
- WEAT, Austin, TX
  - Internal Audit, Management Reviews and Corrective Actions





# Live Training Events

- Environmental Laboratory Assessments - Basic Assessor Training, Hillsboro, OR
- Environmental Laboratory Assessments - Basic Assessor Training, Richmond, CA
- Assessing Organic Chemistry, Richmond, CA
- Field Sampling & Measurement Organizations Assessments - Basic Assessor Training, FT. Meade, MD
- Environmental Laboratory Assessments - Basic Assessor Training, Harrisburg, PA



# Webinars

- Corrective Action Process and Root Cause Analysis
- EPA Method Update Rule
- Understanding and Implementing LOD and LOQ and their relationship to MDL and PQL





# Upcoming Training Events

- Webinar: Internal Audits
- Live Event: Assessing Microbiology
  - September 10, Arcadia, CA
- FSEA Fall Meeting: TBD
  - October 24, West Palm Beach, FL





# 2012 and Beyond

- Any of the courses listed above can be provided by TNI to your group under a partnership arrangement
  - Cost/revenue sharing
- Comprehensive Course Curriculum in development
- SOP on Continuing Education Units in development







# Ways to Participate

- Join TAC and help provide guidance and direction
- Send a request to the TNI training coordinator for a training course at your location
  - Ilona Taunton
  - [Ilona.taunton@nelac-institute.org](mailto:Ilona.taunton@nelac-institute.org)
- Provide a proposal through the TNI website

