

## ACCREDITATION PROGRAMS

## NOTES



THE NELAC INSTITUTE

### What are all these Accreditation Programs?

July 2015 R1

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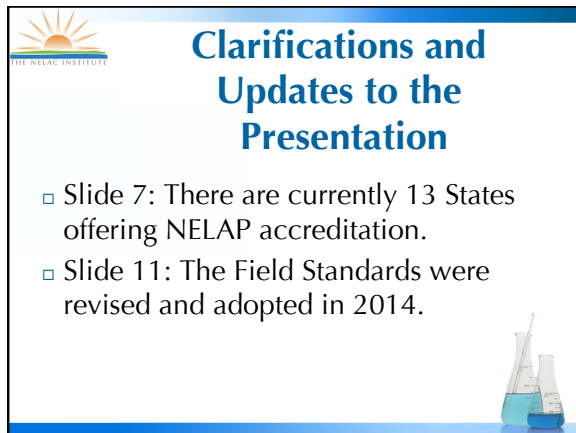
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### Clarifications and Updates to the Presentation

- Slide 7: There are currently 13 States offering NELAP accreditation.
- Slide 11: The Field Standards were revised and adopted in 2014.



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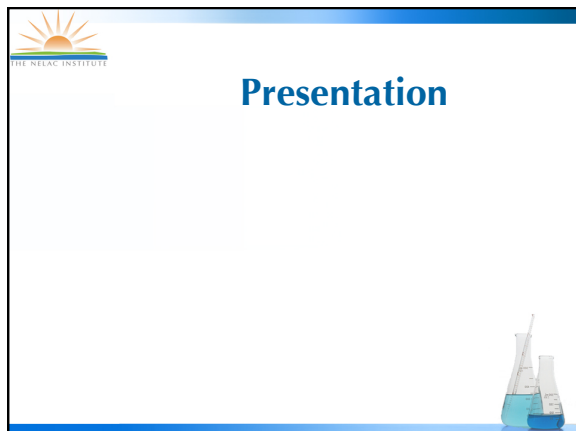
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THE NELAC INSTITUTE

### Presentation



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## ACCREDITATION PROGRAMS

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### Environmental data produced from

- Testing Laboratories
  - Fixed or Mobile facilities
- Field Activity Organizations
  - Field labs testing (any media any where)
  - Mobile labs testing and sample collection
  - Sampling design and collection
  - Air monitoring, stream monitoring and other research studies of the environment



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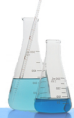
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### The Question

*IS THE ORGANIZATION  
COMPETENT TO PERFORM THE  
SAMPLING DESIGN, SAMPLE  
COLLECTION, MAKING  
MEASUREMENTS?*



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### Current Programs

- The NELAC Institute (TNI)
- State Programs
- Federal Programs
- Third Party Programs



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## ACCREDITATION PROGRAMS

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### NELAC- NELAP

- **No NELAC accreditation!**
- Programs and contracts need updating if this term is found – It is NELAP
- NELAC Last adopted in 2003 and used until approximately 2011.
- A few states still identify the 2003 standard in regulation, but all are using 2009 TNI standard for laboratories and phasing out NELAC 2003.



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
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### NELAP

- Accreditation Program
  - States are the accreditation body
  - States define policy for implementation
  - 14 current NELAP state program
  - Mandated by state law to use state accredited laboratory following the TNI EL standard.



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### State Programs

- Non-NELAP states
  - May use TNI EL Standard
- All States have Drinking Water
  - Certification requirements
- Other Regulations
  - May require Certification/Accreditation
  - Few requirements for field testing/sampling



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### Federal Programs

- DoD ELAP
  - DOD QSM
- Third Party
  - ISO/IEC 17025
  - Most are ILAC recognized signatory – recognized around world by others
- EPA Federal for example
  - NLLAP, etc.



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### NEFAP

- Field Sampling and Measurement Organization
  - Environmentally-related field sampling and measurements
  - Any media
  - Any activity that is part of generating data for any purpose
  - Required by contract - **NOT** regulation



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### TNI FSMO Standard

**Adopted May 2007 – TNI**

- **Volume 1:** General Requirements for Field Sampling and Measurement Organizations (FSMO-V1-2009)
- **Volume 2:** General Requirements for Accreditation Bodies Accrediting Field Sampling and Measurement Organizations (FSMO-V2-2009)

**Revised and Adopted 2012**



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### Contractual Language

*“The FSMO must be accredited to the TNI Field Sampling and Measurement Organization Standard (current version) by a TNI recognized NEFAP accreditation body. The scope of accreditation for the FSMO must include the following field sampling and testing matrix and technology(s)...”*

- Fill in the matrix and technologies you require for your project, permit or regulatory program.



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### Accreditation to a TNI Standard provides data of known and documented quality from a **technically competent** organization with oversight by the environmental community

This includes PT too!  
(proficiency testing and SSAS + more)  
Learn more: [www.nelac-institute.org](http://www.nelac-institute.org)



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