





NATIONAL ENVIRONMENTAL FIELD ACCREDITATION PROGRAM **NEFAP**

PRESENTED BY
NEFAP Executive Committee
Field Activities Expert Committee





This Week

Wednesday AM Session – 8:30 -10:00

- Field Activities Committee Meeting
 - ★ Charter Vote
 - ★ SIR #2 revision vote
 - ★ Table of standard changes to be considered
 - ★ Timeline for process comments and edits (working draft standards, vote, final standards)
 - ★ Review action items – open from last meeting
 - ★ 15-30 minutes for comments and questions from the attendees



This Week

Wednesday AM Session – 10:30 -12:00

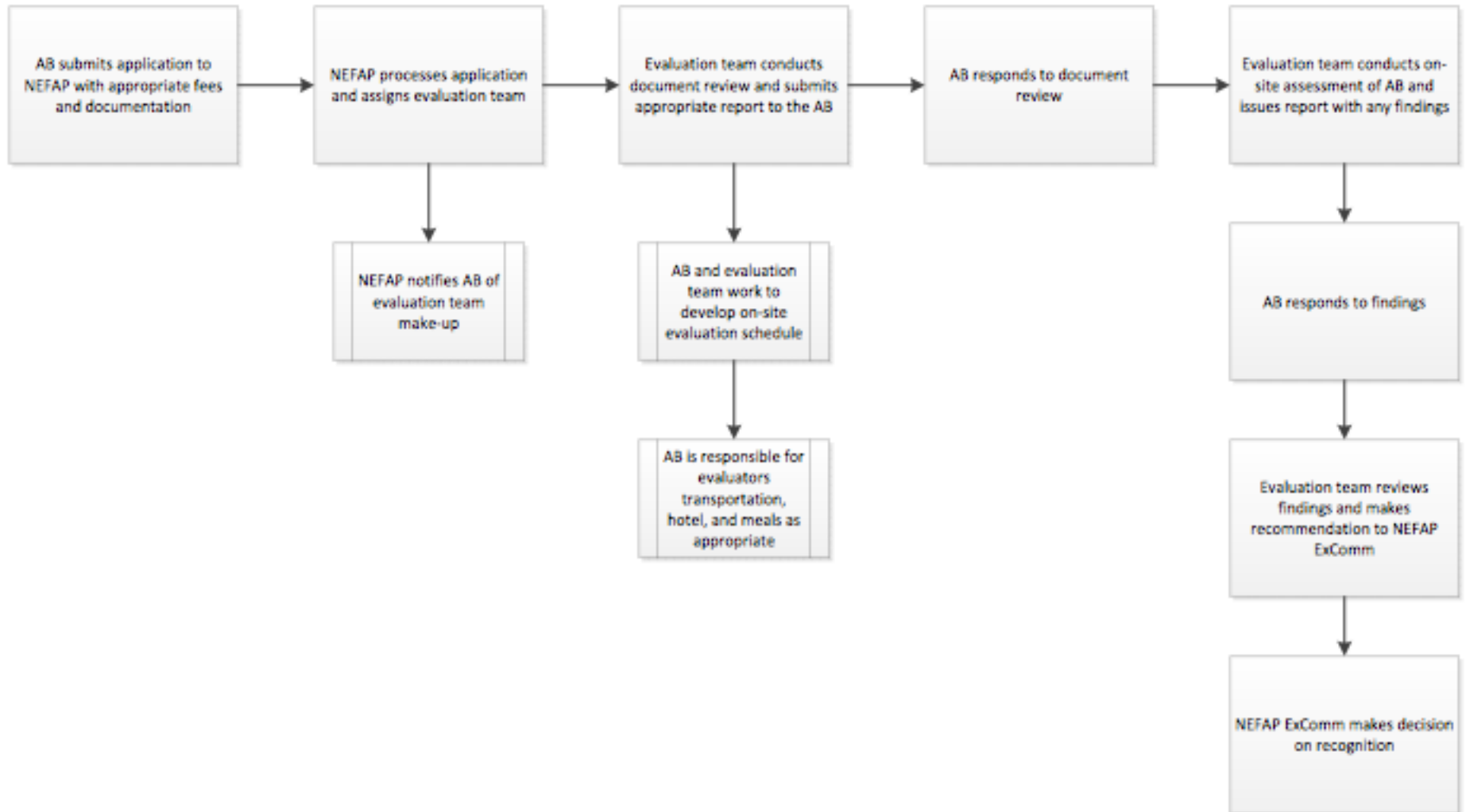
- NEFAP Executive Committee Meeting
 - ✦ Document changes – status – checklist, etc.
 - ✦ Charter Vote
 - ✦ SIR #2 and 3 Vote
 - ✦ Voting procedure change
 - ✦ Report on PTs and Lead Program
 - ✦ Evaluation Process chart review
 - ✦ Review action items – open from last meeting
 - ✦ 15-30 minutes for comments and questions from the attendees





Process Flow Chart

Draft





Date	Step
September - Ongoing	AB Applications made to TNI NEFAP Executive Committee for review
May 1, 2011	Application from ABs accepted – Announcement made on TNI website of ABs with acceptable applications. FSMOs may apply to ABs with acceptable applications. (Other ABs can be added as received, reviewed and accepted)
August 2011	Announce AB meeting initial application review TNI meeting
May 2011	FSMO applications received by ABs
October Ongoing	Receive resumes from evaluators Review and form evaluation teams for each applicant Receive acceptance from AB on evaluation team members
February 14, 2011	Evaluator training for NEFAP- Webinar 1 day (6 hours). Training on SOP and additions to ISO/IEC 17011
March 22, 2011	Assessor training for NEFAP- Webinar 1 day (6 hours). Training on TNI FSMO standard – Experienced assessors to ISO/IEC 17025
June, 2011	Assessor training for NEFAP – face to face – new assessors including FSMOs who want to use the training for internal audits
June - December 2011	Perform on-site evaluation or review documentation as per procedure
June - December 2011	Perform witness assessment (evaluators observe AB assessor perform FSMO assessment)
January 2012	Announce AB recognition TNI website
After May 2011	PTs available for FSMOs using field techniques (e.g. XRF) as required by LQSR 3.0. Other PTs for FSMOs to be developed as identified.
On-going	Follow Evaluation SOP for process after recognition Add other ABs with applications received after January, 2011

This Week

Wednesday PM Session – 1:30 -3:00

□ PRESENTATIONS

- Why is accreditation needed
- What does accreditation mean to the community?
- Will this voluntary program be required?
- What does it take to become accredited?
- Top Ten List –Accreditation for FSMO's
- Preparing your FSMO application OR
 - ✦ Why the TNI standard and not other ISO standards
- Preparing for an FSMO assessment OR
 - ✦ Why does accreditation help FSMO's and
 - ✦ Improve the uncertainty of lab data!





Why is Accreditation Needed!

See Movie



Play Movie





What does Accreditation Mean to the Community

- Improved data quality
- Assurance of the competence of field sampling and testing organizations
- Accountability of all organizations in the measurement process
- Generating data of known and documented quality

*Do you know where your
samples came from?*



Will this program be required?

- No - regulation!
- Yes - contracts
 - When it is important for the data user to ensure that field activities are being performed competently
 - When data of known and documented quality are required by the user





What does it take to become accredited

- Prepare
- Go to the recognized ABs and talk with them
 - Find the best fit for your organization
- Apply for accreditation
- Follow the process
- Achieve Accreditation





Top Ten Reasons FSMO should be Accredited

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10

Personnel Certification provides an individual knowledge of specific area and provides formal recognition by conducting an assessment against objectively identified criteria.

Accreditation verifies the compliance criteria for an organization



Balasana is the position that brings the sensation of peace and calm.



9

All employees involved in field measurements and sampling must comply with the standard. Individual certification applies only to the person.



Savasana Position of total relaxation.



8

Documented planning process for field operations



Dolphin - Calms the brain and helps relieve stress and mild depression



7

Calibration requirements for field equipment



Ananda Balasana This position is great for massaging the hip area.



6

Procedures,
Document Control
and Demonstration of
Competency required



Malasana - This position, for ankles and back muscles.



5

Future procurement opportunities with government agencies.



Setu Bandha Sarvangasana - This position calms the brain and heals tired legs



4

Ensure Consistency of Sampling Events



Salambhasana - Encourages concentration and perseverance



3

Accepted Quality Management Practices



Marjayasana - Position
stimulates the midriff area and
the spinal column.



2

Flexibility to
document changes in
field activity



Halasana - This is one of the best asanas for helping bring elasticity to your spine, neck and upper back. Your an help



The #1 reason FSMO should be accredited -

Sample supports decision and data of known and documented quality.





Preparing

- Why chose the TNI standard and not others
 - ◆ ISO 9000
 - ◆ ISO/IEC 17020
 - ◆ ISO 14000
 - ◆ ASTM, USGS, EPA, Etc.
 - ◆ XXXXXX, XXX or XXXX



Standard for FSMO

- The standard was developed, voted and adopted by FSMOs, regulators and others in the stake holder community.
- It is one of a kind!
- Written for any type of field sampling and testing
 - ✦ Builds of the foundation of ISO/IEC 17025!





Preparing your Application

- Watch TNI website for recognized ABs
- Select AB
- Prepare application as required by AB





Preparing for FSMO Assessment

- Develop and implement requirements in Volume 1
 - ✦ Write QM
 - ✦ Write SOPs
 - ✦ Train Personnel
 - ✦ Prepare records as perform work to demonstrate SOPs implements





Benefits to FSMO's

Establishes Foundation of Management Systems

- * Clearly define roles and responsibilities/interactions
- * Establish clear procedures for documentation and control of documents
- * Need to have clear procedures for contracts, subcontracting, purchasing and the evaluation of these.



Benefits to FSMO's

Requirements Set a Clear Path to Improvement

Tools are laid out in Standard:

- * Corrective Actions
- * Preventive Actions
- * Complaint Tracking
- * Review and Control of Non-Conforming Work

Following the Standard Facilitates Improved Quality!!!



Benefits to FSMO's

Outlines Auditing and Review Process

- * Ensure auditing and tracking of field staff
- * Ensures performance is reviewed
- * Annual management review to evaluate all elements of system and determine areas for improvement



Benefits to FSMO's

Outlines Technical Requirements Which Will Improve Quality of Organizational Performance

- * Prescribes the need to outline personnel requirements
 - * Job Descriptions
 - * Knowledge/Experience Requirements
 - * Demonstration of Capability Requirements



Benefits to FSMO's

Structure for Dealing with Equipment

- * Maintenance
- * Tracking/Performance
- * Evaluation of equipment needed
- * Training
- * Documentation





Benefits to Laboratories

**REDUCE DATA VARIABILITY
AND UNCERTAINTY!!!**





Benefits to Laboratories

- Standardized reporting
- Thorough documentation provides labs with data on where sample came from
- Sample will be taken in consideration of environmental conditions, less sample contamination
- Representative samples taken to meet project DQO's



Benefits to Laboratories

- Know where sample came from
- Known homogeneity in advance
- Better coordination/communication between samplers and lab
- QA/QC samples
- Commitment to quality will reduce the number of errors/issues with samples submitted



Benefits to Laboratories

- Better documentation with samples
- Better coordination/communication between samplers and lab
- Proper sample custody procedures
- Better sample handling and transfer procedures
- Progressing from unknown to known...



Quality

“The Quality of the Data Can Only be as Good as the Quality of the Sample”

Environmental Data Quality Cannot Be Guaranteed Unless There Are

Quality

Standards for All Steps of the Sample

Collection and Analysis Process.



□ QUESTIONS!



Thank You

