

DRAFT

Road MAP. Quality Control for Water Testing Laboratories in Afghanistan

For reference and background, see discussion in previous meeting :
http://norplan.af/Page_Coord_WaterLabs_ANSA_Meet_19.0214.html

Action 1: Establish a Consultative Committee of assist and support ANSA in chairing. (see organogram on web above)

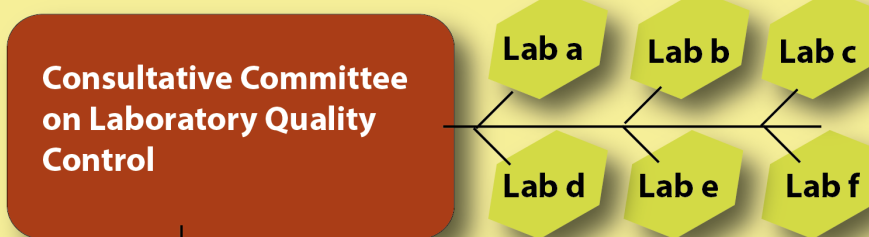
- Propose to committee to be called every 6 months unless special urgent issues require extraordinary meetings.
- Agree on committee memberships and roles
- Agree on general TOR for committee.

Action 2 To establish technical sub- committees or working groups to develop the following working groups:

Possible organization framework for development of Laboratory Quality Control Framework in Afghanistan

ANSA Chairmanship

Many Laboratories



Technical Working Groups

WG-QC-1

WG-QC-2

WG-QC-3

WG-QC-4

WG-QC-5

WG-QC-6

1. WG-QC-1: Policy development for laboratories, including categorization of laboratories.
2. WG-QC-2: National Standard sampling procedure, conservation of samples and reporting
3. WG-QC-3: Afg. Standards for documentation of analysis including development of key checklists
4. WG-QC-4: National certification of laboratory personnel.
5. WG-QC-5: Prepare framework for future accreditation of laboratories and how these non- accredited laboratories and accredited laboratories may operate in parallel.
6. WG-QC-6: Inter-laboratory analysis of split samples (know standards)

Action 3: Division of responsibility/ sharing of assignments:

1. In the LQC advisory committee identify which resource organizations and persons will be tasked with coordinating and following up work in the different committees/ working groups so as to ensure progress.
2. Agree administrative and technical responsibilities. Role of ANSA, different govern org., private lab owners, NGOs, UNICEF and others

Action 4: Agree on general work plan: (and who can cover which tasks)

1. Prepare Laboratory quality control advisory guidelines for Afghanistan defining categories of laboratories
2. Prepare form for laboratory survey for later mapping of status in Afghanistan.
3. Conduct survey of existing water testing laboratories, capabilities and preliminary classification of laboratory.
 - a. Water analysis using standard methods
 - b. Laboratory using field kits or non- standard methods
 - c. Laboratories using mixture of techniques.
4. Prepare survey report for laboratories
5. Present survey report to LQC advisory committee to discuss findings.

Action 5: Meeting in LQC committee to discuss findings from laboratory survey.

1. Discuss findings
2. Ask laboratory owners what requirements they have for QC and training programs.
3. Discuss what requirement laboratory customers and public users have for improved QC for water laboratories
4. Discuss outline path for further streamlining of QC for different types of laboratories and how this also can be handles as when accreditation of laboratories in Afghanistan is possible.

Action 6 LQC advisory committee to review/ guide and supervise the following:

1. Categorization of laboratories
2. Endorse national certification system for water testing laboratories
3. Endorse / approve standard procedures for sampling and conservation of samples
4. Endorse/approve standard reporting formats for water analysis and tests. (type of analytical techniques used, precision of analysis, detection limits of method etc.)
5. Definition of simplified (non-standard analysis) analysis and how to present report.
6. National Quality control system. Minimum requirements
7. Agree on how to monitor/control that national quality control systems are adapted.
8. Establishment of inter-laboratory analysis of split samples for analytical control.

Responsible organization / Chairman ANSA

Stakeholders and laboratory owners:

Draft Road Map for discussion, by Svein Stoveland, NORPLAN for discussion. 20th March 2014 sst@asplanviak.no

See diagram of possible standards for discussions.

