

Establishing quality control for water testing labs:

Summary action plan:

1. **All labs must meet regularly** (at least monthly) to harmonize procedures and standards. ANSA must take initiative to coordinate. Expert external facilitator needed.
 - a. Sampling procedures and documentation to be prepared
 - b. Standard training/certification of staff
 - i. Training + testing = certificate.
 - c. Reporting formats
2. Request that a **certified training program** is defined and organized so that all lab personnel can receive a certificate that they are certified to analyze samples for specified analysis
3. ANSA to organize that **inter-laboratory testing** is established so as to identify weaknesses in quality of analytical analysis. Initially tests are to be completed for training and calibration purposes, later as a part of certifying laboratories for analyzing tests they have been certified for handling.
4. ANSA to canvas for support to **survey existing laboratories** for listing of equipment, standard operating procedures, checklists and quality control systems at existing labs.
5. Develop **certification system for laboratories**
6. Develop and approve **reporting formats** for results so that method of analysis, detection limit and relevant water/environmental standard value is presented with the results.
7. Promote labs to plan for **registration after laboratory** categories have been defined and agreed.
8. ANSA to assist all laboratories whether public or private to **import key laboratory chemicals** so that labs can obtain fresh chemicals not out of date. Date of validity can be short for some of the chemicals.
9. ANSA and all stakeholders (incl donors and support organizations) to assist in promoting the establishment of quality control systems for the labs. ANSA must take active lead.
10. All need to support obtaining additional funding if necessary

