



Workshop Outline

Operation & Maintenance of Rural Water Supply

Length:	3 to 4 days (depends on the agreement of participants on the daily starting and ending time of the workshop)
Number of Participants:	15 - 18 people
Language:	The training will be conducted in Dari /Pashto

Description of Training Workshop

In this training workshop topics such as sustainability, community participation and management, importance of O&M for water supply technology, technology selection and its O&M requirements will be introduced and fully discussed with the participant. In addition, MRRD and DACAAR O&M systems will be presented in details and discussed. Different forms of agreements and reports on O&M of water supply projects will also be explained and discussed. The participants of the course will have a clearer understanding of the concept of O&M, community participation and sustainability of water projects.

Goal for the Course

To broaden the participant's knowledge of the operation and maintenance system to contribute to the sustainability of water supply programmes and projects in rural areas.

Objectives of the Course

After completion of this course the participants will be able:

- To understand the MRRD and other NGOs O&M system
- To understand what are the responsibilities of the community and of the hand pump mechanic in terms of hand pump maintenance and repair
- To update knowledge on O&M issues
- To reinforce management skills on sustainable O&M
- To create specific approaches for better work and planning with communities
- To understand the importance of community participation
- To implement effective O&M of rural water supply and sanitation services



Contents of the Workshop

Day 1

Introduction, Goal and Objectives of the Course
Training Methodology
Opening Session
Operation and Maintenance Preamble
The importance of O&M for water supply technology
Defining sustainability

- Factors that undermine the sustainability of improved services
- Factors that contribute to the sustainability of improved services
- Processes which influence sustainable operation and maintenance

Sustainability (The Bridge and Kind NGO stories)
Sustainability of DACCAAR Water Supply Projects

- Helping People to Help Themselves (Fishing and River code story)

Day 2

DACCAAR Handpump Maintenance System
Handpump Group Work
Safety
Community management
Building Local Capacity (Role plays)
MRRD Operation and Maintenance System

Day 3

Technology Selection and its O&M Requirements

- Spring water captation
- Reinforced concrete reservoir
- Drilled well
- Deep-well piston
- Public stand post

Spare Parts Provision
Monitoring for

Course Evaluation
