



WATER EXPERTISE AND TRAINING CENTRE

**Report on Implementation of Operation and Maintenance of Rural
Water Supply Training Course**

From 18 to 21 August 2014



**Hosted by
DACAAR Water Expertise and Training Centre**

Golayee Wazirabad, Kabul, Afghanistan
Telephone: +93 (0) 797 36 90 25 / 797 01 10 15
Email: azeem@dacaar.org / shirahmad@dacaar.org

Table of Content

1. Training Workshop Summary	2
2. DACAAR	2
3. Operation & Maintenance of Rural Water Supply Training Course	2
3.1 Goal of the Training Workshop.....	3
3.2 Objectives of the Training Workshop.....	3
4 Logistics and Facilities.....	3
5. Evaluation of the Training Course by the Participants	3
5.1 Evaluation of the O&M of Rural Water Supply Projects Training Course by the Participants.....	4
5.2 Comments of the Participants on the Training Course.....	4
6. Participants List.....	5
7. Conclusion	6
8. Recommendations	6

1. Training Workshop Summary

Training Title:	Operation and Maintenance of Rural Water Supply Projects
Training Course Duration:	3 days (18 – 21 August 2014)
Participants Trained:	14 Participants from different organizations.
Implementing Agency:	DACAAR WET Centre
Venue:	DACAAR Main Office
Funded by:	Norplan
Trainer:	Shekeb Shamal WET Centre Part-time Trainer, DACAAR

2. DACAAR

DACAAR is an apolitical, non-governmental, non-profit development organization that has been working to improve the lives of the Afghan people since 1984.

Over eight million Afghans across 29 of Afghanistan's 34 provinces have benefited from DACAAR development and humanitarian activities since it was established.

DACAAR works in rural areas and aims at improving rural livelihoods through community driven interventions and sustainable activities.

DACAAR operates according to its current competence or thematic areas of Water, Sanitation and Hygiene (WASH), Natural Resources Management (NRM), Women Empowerment (WE), and Small Scale Enterprise Development (SSED).

In partnership with CAWST, one of DACAAR's key programs is as a Water Expertise and Training Centre to provide water and sanitation training to WASH stakeholders and technical consulting to newly forming or existing WASH programs.

3. Operation & Maintenance of Rural Water Supply Training Course

In this course topics such as sustainability, community participation and management, importance of O&M for water supply technology, technology selection and its O&M requirements were introduced to the participants and fully discussed. In addition, MRRD and DACAAR O&M systems were presented in details and discussed. Different forms of agreements and reports on O&M of water supply projects were also explained and discussed.

The results of the post-training test indicated that the participants of the course have a clearer understanding of the concept of O&M, community participation and sustainability of water projects.

3.1 Goal of the Training Workshop

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

3.2 Objectives of the Training Workshop

After completion of this course the participants will be able:

- To explain the MRRD and other NGOs O&M system
- To list 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 realize the importance of community participation
- To implement effective O&M of rural water supply and sanitation services

4 Logistics and Facilities

The training hall at DACAAR Main Office Kabul, furnished with chairs, tables, white screen, projector and AC, was used for the training workshop and all required stationary and equipments for the training were provided by DACAAR. Refreshments provided in the training hall and lunch was served in DACAAR Main Office canteen. Handouts (soft and hard copy), stationary, file and certificates were provided to participants. The training starting time was at 8:30 and the closing was at 15:15 with 15 minutes for tea break and one hour for lunch and prayer.

5. Evaluation of the Training Course by the Participants

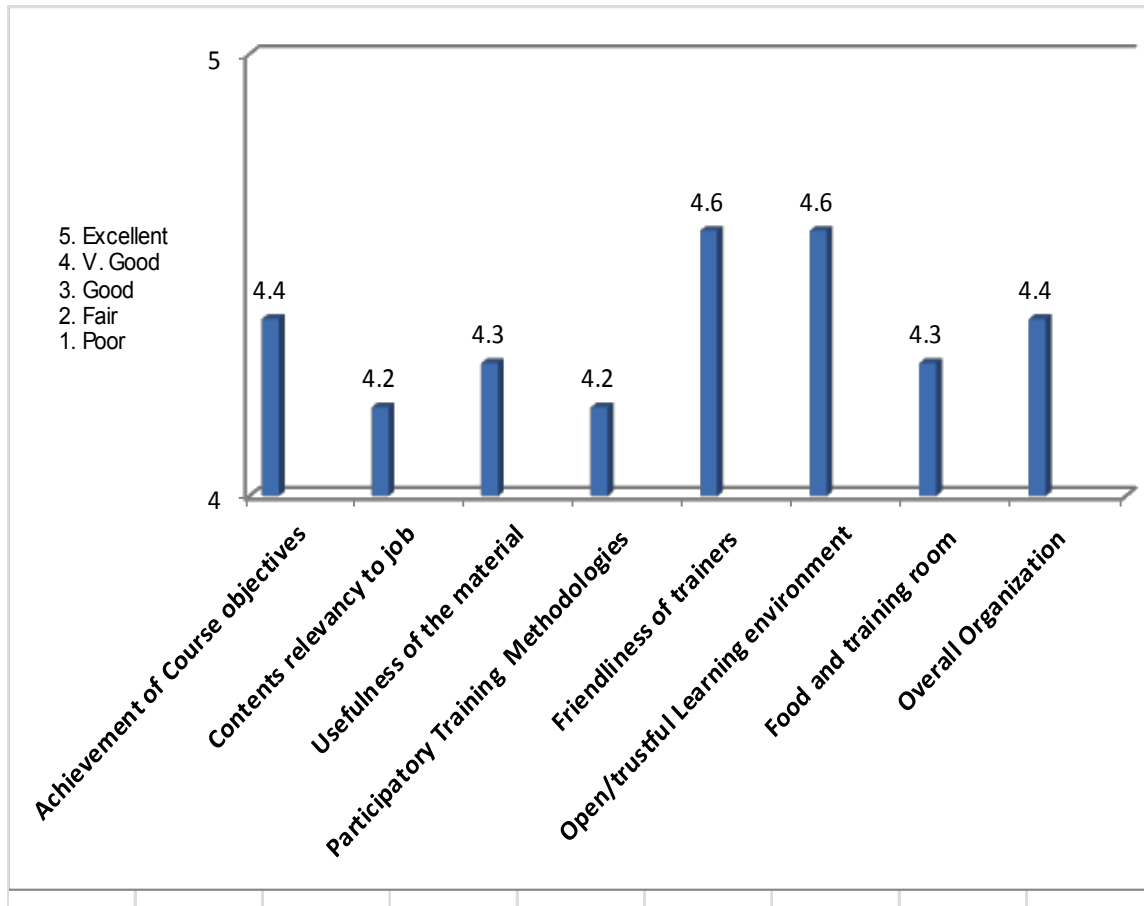
At the end of the training course an evaluation of training course by participants was carried out in order to gain the participants response to the material presented and the method of presentation.

A summary of the groups responses are as follows:

- The objectives of the courses were achieved.
- The participants felt that their future work would benefit from their participation in the course as the content was relevant to their jobs.
- The course introduced new ideas.
- The participants believed methods used to present the material were engaging and clear.
- The style of presentation, and friendly and open attitudes of the trainer, was appreciated.

- The learning environment was open and trusting.
- The participants suggested the courses should be followed up with other such training courses.

5.1 Evaluation of the O&M of Rural Water Supply Projects Training Course by the Participants



5.2 Comments of the Participants on the Training Course

- The objectives of the courses were achieved, we are very grateful of our trainer, we learned a lot and it was very useful. X 4
- Thank DACAAR for conducting this workshop and we want such useful workshops in the future.
- It will be really appreciated if DACAAR facilitate a Gravity Flow Pipe Network training workshop.
- It will be better to have a day for practical sessions.

6. Participants List

In total there were 14 participants (3 female, 11 male) from NGOs and government in the training workshop. The table below provides the detail of the participants.

No	Name	Title/Post	Job Location	Organisation	Mobile No.	Email
1	Mohammad Ali sharafyar	Water supply Implementation Officer	Kabul	MRRD		Sharafyar2011@yahoo.com
2	Samiullah	Staff member Reporting	Kabul	MRRD		
3	Khatera Popalzai	Admin Assistant	Kabul	MRRD		
4	Yalda	MIS Assistant	Kabul	MRRD		
5	Saleha Samim Mohammadi	Training Assistant	Kabul	MRRD		
6	Mohammad Amin Soroush	Irrigation Officer	Kabul	MRRD	775337433	
7	Sameullah Samim	WASH Officer	Kabul	Oxfam Novib	770858181	sameullah.samim@oxfamnovib.nl
8	Nematullah	Engineer	Kabul	CARE Int'l	799200212	
9	Hamidullah	WASH Program Senior Officer	Faryab	Save the Children		hamidullah.esmat@saveethechildren.org
10	Abdullah	General Manager of Engineering Services	Maidan-Wardak	PRRD	773456864	
11	Mohammad Arif	Water Supply Staff member	Maidan-Wardak	PRRD	794962975	mohammadarif@yahoo.com
12	Mohammad Amin Alizada	Prof. Assistant	Kabul	Faculty of Engineering/ Kabul University	769195792	8769m.amini@gmail.com
13	Zalmai Ali Zai	Trainer	Kabul	DACAAR/WETC	786939757	
14	Mohammad Sadiq Ahmadi	Design Engineer	Kabul	MAIL/OF WMP	789699663	8827m.sadeq@gmail.com
15	Najibullah Azizi	Mohammad Rasool	Maidan-Wardak	PRRD	799200212	Only attended on 1 st day

7. Conclusion

DACAAR felt that a good learning environment conducive to participatory learning prevailed throughout the training sessions. The participants were encouraged to share their ideas, knowledge and experiences. The trainer used several different participatory methods that proved successful. The content of the module proved useful to the participants, which maintained their interest. The relevant participants particularly found the training as very important for their work. The participants were also extremely appreciative of the handouts and attendance certificates and thankful for the work done to run the training course. The participants were all extremely attentive, cooperative, positive and appreciative of the course. The participants will be able to use the skill and knowledge to improve their work performance on their job.

Many of the participants realized they were already using some of the ideas but were eager to explore further the concepts introduced. For those who had not previously been exposed to the information, they realized the value of the concepts and expressed an enthusiasm to make use of them.

8. Recommendations

- A follow-up course should be conducted for each topic to further develop the concepts.
- Participants felt the need to have more such trainings in the future.