

Village Level Water Security and Safety document UNICEF
and
Groundwater Planning Document IITB

Review

Team
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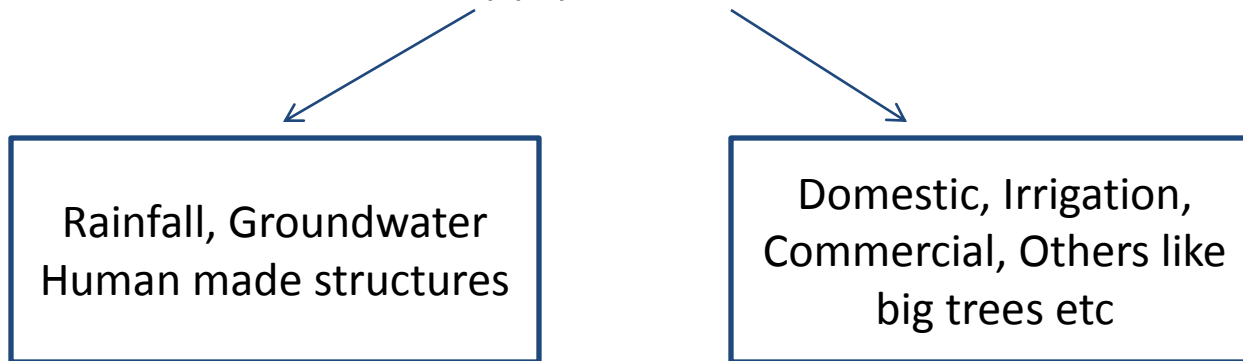
UNICEF Document

- Type of Document: ToT (Training of Trainers) module
- Main focus – Water Security and safety
 - Sustainability of water resources
 - Operation and maintenance of water supply systems
 - Water quality
- Objective: Ultimate aim is to build capabilities of villagers so that they will be,
 - able to carry out measurements
 - part of water planning
 - able to manage their resources
- Methodology : social science research methodology – PRA, FGDs. Questionnaire

UNICEF Document

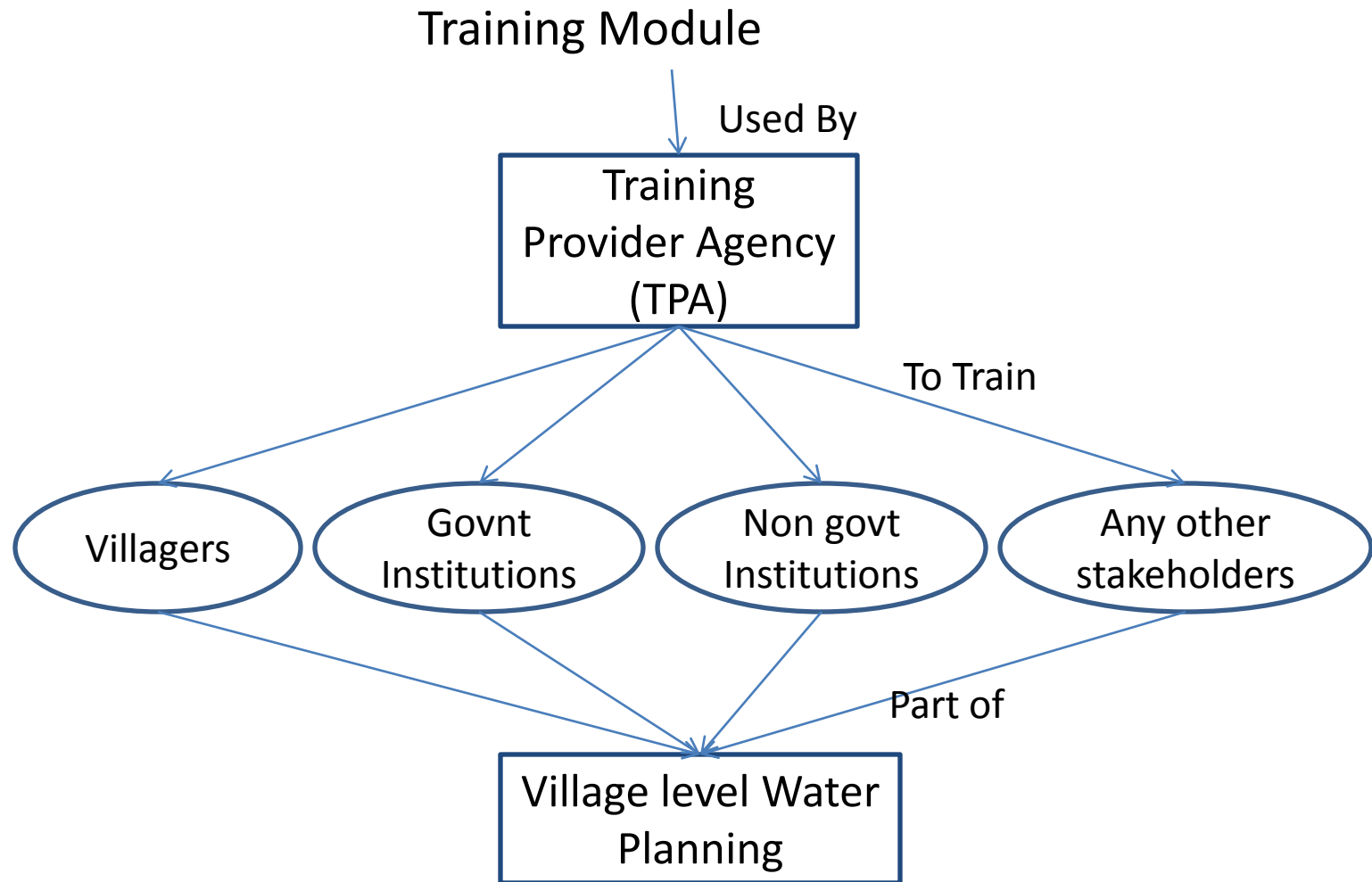
- For whom: Villagers, Government, non government organization
- Scope

- Documentation of Supply – Demand side



- Water quality
 - Information about infrastructures for water supply

UNICEF Document - Understanding of working



Too much of external assistance would be needed

UNICEF Document Take On

- Generic to greater extend, Generic checklist of data to be collected
- Simple to understand, Illustrative and simplified technical details
- Gives initial pointers to the technical know-how for naïve person (page 29,30)
- Interventions for

Water scarcity

Soil and water conservation

- Context specificity ?
- Appropriateness ?

Restricting Water Use

- social dynamics !

Water abundance

Plan to use extra water for further prosperity

Need to also make aware about context specificity

UNICEF document - Critique

- No clear division of responsibilities
- Decision about division of responsibilities, Institutional arrangement, time duration for different activities, time cycle of data collection has been left to the TPA. Some more education for TPA on this front would be needed
- More external assistance would be always needed
- Approach: Mainly government driven
- At many places thumb rules have been used, the basis of which is not clear. (e.g. numbers, social dynamics etc)

UNICEF document - Critique

- The basic design of booklet considers village as a unit. What about multi-village complexities? e.g. In case of groundwater it may not be so straight forward.
- Even though participation of villagers in water management and planning has been realized, it remains at the level of “collecting information or consultation”(depth of participation) in “planning” (scope)

Villagers and GP will not be empowered enough for decision making

Participation can be defined at the x-y axis where, X axis is scope of participation – Implementation, planning, monitoring, decision making and extracting accountability. Whereas Y axis is depth of participation: manipulation, Informing, consultation, placation, delegation of powers and ultimate control

IITB document

- Type of Document - Water (Domestic) planning document

Mainly a Template for Data keeping and more of Technical information

- Main focus - Groundwater Monitoring and to generate reliable data for further planning and capacity building of villagers and GP to maintain it
- For whom: Villagers and GP to strengthen link between GP and Taluka
- Methodology: PRA, FGDs, Questionnaire

IITB document

Records of

- Data keeping about Resources
 - Map – Google earth map or Resource map through PRA
 - Technical data
- Supply Side – Rainfall, Yield test data to monitor groundwater variations, specifications of groundwater sources
- Demand side – domestic use
- Future demands

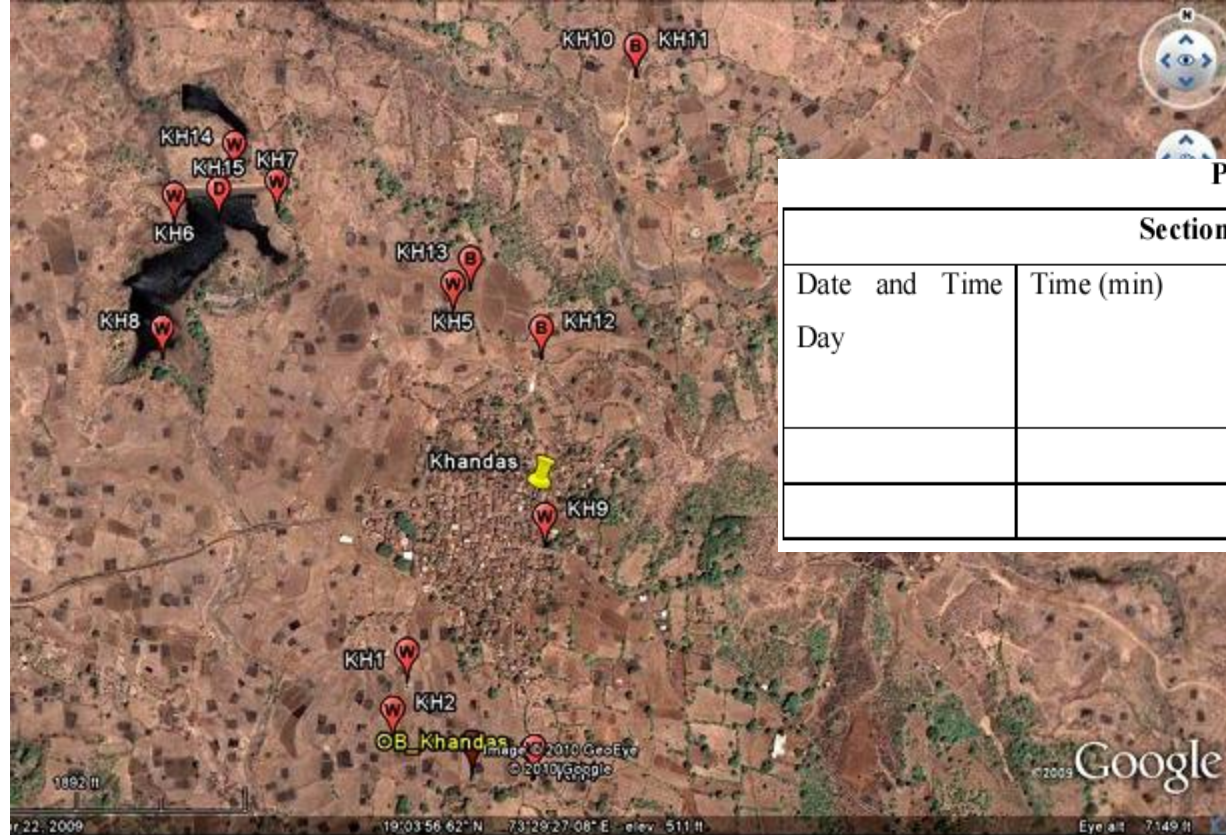


Figure 4.1: Water Resources in Khandas

Pumping Test Data Sheet

Section 6: Water Level Recover Test

Date and Time Day	Time (min)	Static Water Level (m) (H1)	Depth of Water Level after time t (H2)	Observations Comments

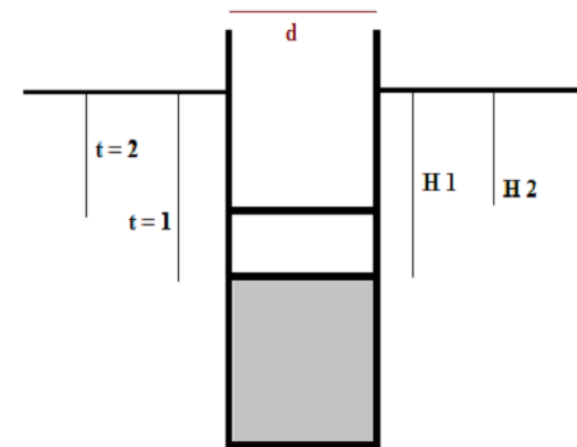


Figure 2.1: Yield Test of the Well

Table 4.6: Location of Profiles for Electrical Resistivity Test

Profile Name	Point A		Point B		Remark
	Latitude (E)	Longitude(N)	Latitude	Longitude	
Profile 1	73° 29.567'	19° 04.392'	73°29.654'	19° 04.230'	Close to Handpump
Profile 2	73° 29.439'	19° 04.381	73°29.505'	19° 04.246'	Close to Handpump
Profile 3	73° 29.387'	19° 04.062'	73°29.213'	19° 04.045'	Close to Dam

IITB document Take On

- More about technical stuff
- Villagers should be able to maintain their groundwater records
- Context specific things have been counted for
e.g time when test can be taken
- Bottom Up approach with capacity building required
- Institutional arrangement - Villagers, committees and GP

Points to be further developed in the IITB document

1. It is a GP level document not a GP owned document.
More involvement of the local people, GP members to be identified and fixation of roles and responsibilities
2. Financial viability to be ascertained and fixation of responsibilities
3. Document basis is more of a project mode mechanism rather than GP mode

Review

For Both the document:

- Preparation of Status report which needs to be made public and then after getting stakeholders comments propose interventions
- Capacity building and Inclusion of existing institutional arrangements of GP in the working document to facilitate smooth operation and also pinpoint the responsible personnel
- Inclusion of water monitoring, planning and development information into the overall annual GP planning document

Thank You...