



T.M. Vijay Bhaskar, I.A.S. Joint Secretary भारत सरकार पेयजल आपूर्ति विभाग ग्रामीण विकास मंत्रालय राजीव गांधी राष्ट्रीय पेयजल मिशन Government of India Ministry of Rural Development Department of Drinking Water Supply Rajiv Gandhi National Drinking Water Mission

> D.O. No. W-11011/01/2009-Water Dated: February 12, 2010

Dear «Sir_Name»

The Guidelines for National Rural Drinking Water Programme require that a Village Water Security Plan be prepared. These would then be used to prepare a District Water Security Plan. It has been recognized that Village level planning including water budgeting is the key factor in ensuring optimum utilization of water, especially for drinking purposes.

The States had been asked to prepare a preliminary District Perspective Plan in the first year, recognising the fact that Village level plans would take much longer. Also many states had indicated that an indicative format may be given to them for guidance in preparing the Village plans.

To this end, a format has been designed and is attached for your perusal. It is also available on our website. We would welcome comments on the same for finalizing it for adoption by all States.

May I request you to send your comments latest by 10.3.2010. The comments may also be emailed to jstm@nic.in, with a copy to rksinha@nic.in.

With regards,

Yours sincerely,

7mle (T.M. Vijay Bhaskar)

Encl: As Above

To

Secretaries/ Principal Secretaries incharge of rural water supply in all States.

स्थायी पेयजल आपूर्ति सभी के लिए स्वच्छता - 2012 Sustainable Drinking Water Supply Sanitation for all - 2012

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Guideline for the preparation of Village Water Security Plan (VWSP)

1 Background

The revised National Rural Drinking Water Programme (NRDWP) Guidelines 2009-2012 issued by Rajiv Gandhi National Drinking Water Mission, Department of Drinking Water Supply has shift the focus from 'source development and installation of water supply system for providing drinking water supply to rural household' to focus on development of 'village security plan' which also includes village safety plan before taking up planning & installation of water supply system to ensure provision of safe and adequate water supply to each rural household at a convenient location on a sustainability basis. Basically it envisage provision of drinking water as a part of the overall water resource management.

2. Logistic support required

To enable the GP, VWSC and the field staff of State Rural Water Supply Department to prepare VWSP *as per the new guideline and as per the existing institutional set up in the States* the following logistic support is required and it is pre requisite:

- i. In the new guideline (NRDWP) under frame work for Water Quality Monitoring & Surveillance (Annexure IV para 4) it is indicated under sub heading **Proposed Strategy** "For data collection at the household level and at the habitation level one person preferably women from VWSC elected at Gram Sabha under the control of GP and paid appropriately on job basis for the specified activities. The person selected will be designated as "JAL SURAKSHAK"
- ii. Water Quality Testing Laboratory with computer facilities (fund for the same is provided in the new guideline) are to be in place at the Sub-Division (PHED) Level for testing of all the village-wise drinking water sources (chemical and bacteriological) from where the house holds collects water.
- iii. GPS instruments (provision made under MIS guideline) are to be procured for identification of water resources in the villages for development of village water resource maps.
- iv. Collect water and sanitation related data from NRHM so that sanitary inspection can be carried out for identification of source of contamination and take remedial measures
- v. Household and village data analysed at the sub-division level along with data from NRHM will enable VWSC under the technical guidance of field staff of PHED to prepare village water security plan which includes water safety plan which is basically identification for source of contamination (hazard analysis) and take corrective measures for the existing water supply system both for safe and unsafe sources including government and or private water supply system
- vi. Based on the village water security plan the action plan for planning of new/augmentation of the water supply scheme is to be prepared in consultation with all stake holders

3. Inter Departmental Convergence:

a) To prepare village security plan in put from State Ground Water Board, State Water Resource Department, Irrigation Department and PHED will be required as these departments have to a great extent micro-level data. CGWB and NRSA data are broad based, block based and require highly specialized hydrologist to understand and analyze the existing information and maps for preparation of village level water security plan.

- b) To understand the water and sanitation disease burden and remedial measures, coordination with village level functionaries of the National Rural Health Mission is highly essential.
- c) Community should develop its own village water security plan taking into consideration the present water availability, reliability and its different usage and equity based on experience and wisdom. At the village level the water resource (both surface and ground water) can not be measured it can be only be judged in term of adequate and inadequate.
- d) Women generally manage domestic water, and an essential ingredient of community participation is to improve women's involvement in the democratic decision-making process. Since women are the principal beneficiaries of this programme and are pivot around which sustainability is evolved, it is of critical importance that women are involved at all the stages of planning, implementation and management of rural water supply schemes. Women's associations could provide a strong framework for community participation. Prominent women from the habitation should be represented in the Village Water & Sanitation Committees/ Pani Samitis.
- e) For the community to function as an organization it is important to make Village Water and Sanitation Committee (whose members should be elected in Gram Sabha) fully functional and effective VWSC should be made a standing committee of the Gram Panchayat.

4. Suggestive formats

| 1 | I Name of Village and census code | |
|---|---|--|
| 2 | 2 Gram panchayat | |
| 3 | 3 Block | |
| 4 | 4 District | |
| 5 | 5 Number of Households in village | |
| 6 | 6 Population of village in numbers (as per Census 2001) Total- Male Female | |
| 7 | 7 Present Population of village in numbers (Present as per survey) Total- Male Female | |

4.1. General Profile

4.2 Habitation Details

| | abitation | bitation | (in No.) | No. of public and private drinking water sources | No of Households | | | |
|--------|--------------------|--------------------|---------------------|--|---------------------|------|-------|-------|
| S. No. | Name of Habitation | Code of habitation | Population (in No.) | | SC | ST | Other | Total |
| (1) | (2) | (3) | (4) | (6) | (10) | (11) | (12) | (13) |
| 1) | | | | | | | | |
| 2) | | | | | | | | |
| 3) | | | | | | | | |
| 4) | | | | | | | | |
| 5) | | | | | | | | |
| 6) | | | | | | | | |

4.3 Household water security plan survey format Proforma No.

| Blo | ck: age: | | Gram Panchayat: Habitation: | | | | | |
|----------|--|---|--------------------------------|----------------------|---------------------|--|--|--|
| A | Basic information | | | | | | | |
| 1 | Household Head Name: | | | | | | | |
| 2 | 2 Category (BPL , APL) | | | | | | | |
| | Belonging to SC/ ST/ M | inorities/ Others | | | | | | |
| 3 | No. of family | Male | Female | Children | Total | | | |
| | members | | | | | | | |
| B | Source | | | | | | | |
| 4 | Source of water (Public, | | | | | | | |
| 5 | If Public, Type of source | | | | | | | |
| | Spot sources | PWSS | Street Standpost (PWS)(6) | House Connection | Others (Specify) | | | |
| 6 | If Private type of source | | Spot source | Pond/spring etc | Others | | | |
| | | | | | | | | |
| 7 | 500 m-2, above 500 m - | , | · · | m - 200m - 1, 200 - | | | | |
| 8 | | ty is round the year (Yes | | | | | | |
| 9 | | it remains dry / inadequa | te | | | | | |
| C | Water requirement for | HH consumption | | | | | | |
| 10 | Use / consumption of water for family in L | Drinking/ cooking | Washing utensils | other purposes | Total | | | |
| 11 | Type of source used | | Drinking/ cooking | Washing utensils | other purposes | | | |
| | | | | | | | | |
| 12 | Whether the available wa | ater is adequate for drink | ing/cooking purpose (| (Yes, No) | | | | |
| | What is the amount of w | ater charge you pay ? | | | | | | |
| | | ake to fetch water for do ttes) 0-30 min, 30 min – | • | the source and fetch | | | | |
| | Who fetches water normally in your house | | | | | | | |
| | Men Women M | Male children Fema | le children Hel | per/ others | | | | |
| 13 | | | Drinking / | | | | | |
| | If no, additional demand | in litres | Cooking | other purposes | total | | | |
| | | | | | | | | |
| D | Household water mana | 0 | | | | | | |
| 14 | | ity available in the House | | | | | | |
| 15 | If yes, HH level storage | capacity available in L | Drinking/cooking | other purposes | total | | | |
| | | | | | | | | |

| 16 | 16 Do the HH have any water filter (yes, No) | | | | | | |
|-----|---|-----------------------------|----------------------|-------------------------|-------------------|--|--|
| 17 | 7 If yes, it regularly used? (yes, No) | | | | | | |
| 18 | 8 If no, would like to have filter? (yes, No) | | | | | | |
| 19 | Do they have any idea al | bout where the filter coul | d be procured? (yes | , No) | | | |
| 20 | Is they have any idea ab | out the relationship betwo | een water quality an | d disease burden (yes, | | | |
| | No) | - | | | | | |
| Ε | Knowledge, Attitude an | nd Practise (KAP | | | | | |
| 21 | Water container is cover | red with lid (Yes, No) | | | | | |
| | | | | | | | |
| | How long did you exper | | | | | | |
| 22 | | andle ladder / tap to take | |) | | | |
| 23 | | kept at higher plat form | (Yes, No) | | | | |
| F | Operation and Mainter | nance | | | | | |
| 24 | Whether aware about Vi | llage Water and Sanitation | on Committee in the | village? (yes - 1, No - | | | |
| | 2) | | | | | | |
| 25 | Is the family willing to p | bay community contribution | ion towards O&M (| (Yes - 1, No- 2) | | | |
| G | Water quality & Diseas | se burden | | | | | |
| 26 | | quality of the water sour | ce (Yes - 1, No- 2 |) | | | |
| 27 | Incidence of Diseases | Diarrohea | Cholera | Malaria | Jaundice | | |
| | burden during last 3 | | | | | | |
| | months, no. of cases | | | | | | |
| 28 | | penditure incurred durin | g last 3 months in R | s (below one hundred - | | | |
| | 1, above one hundred – 2) | | | | | | |
| Η | Additional | | | | | | |
| • • | information | | | | | | |
| 29 | Whether HH is having to | bilet facility (Yes-1, No-2 | 2) | | | | |
| | How mony mombans us | toilet menulembul | | | | | |
| | How many members use | e tonet regularly? | | | | | |
| | How many members def | fecate in the open regular | 1 ₁ , 2 | | | | |
| 30 | Whether family members | | | $(V_{S} - 1 N_{O} - 2)$ | | | |
| 31 | | s use soap for hand wash | <u> </u> | | | | |
| 32 | | WH structures?(Yes-1, I | | . (15 1,1(0 2) | | | |
| 33 | Type of House (Pukka - | | (0 2) | | | | |
| 34 | | RWH in house (Yes - 1, | No -2) | | | | |
| 35 | Approximate roof area of | | 1(0 2) | | | | |
| Ι | Data management | | | | | | |
| 36 | Sanitary survey score | | | Public | Private | | |
| | | | | | | | |
| 37 | GPS Survey | Water S | ource | Water Sour | rce | | |
| | U C | Latitude | Longitude | Latitude | Longitude | | |
| | | | | | | | |
| | Laboratory report | | | | | | |
| 38 | Water Source ID | Source(Public/Private) | Type (system) | Year of installation | | | |
| | | | | | | | |
| | | | | | 0 1 | | |
| | | | | | Sample collection | | |
| | | Depth (M) | SWL (M) | Discharge level | date | | |
| | | | | | | | |

| 39 | Testing date and results (only sample | pH | Total Hardness (mg/L) | Arsenic (mg/L) | |
|----|--|-------------------------|-------------------------------|--------------------------------|-------|
| | quality category indicated) | Iron (mg/L) | Total Coliform (MPN/100ml) | Faecal Coliform (MPN/100ml) | |
| J | Water budget | | | | |
| 40 | 0 | of water for the family | Drinking/cooking | other purposes | Total |
| 41 | Current availability of water | | Drinking/cooking | other purposes | Total |
| 42 | Balance requirement | | Drinking/cooking | other purposes | Total |

4.4 Institutional detail:

| S. No | Name of Habitation | Schools | College | Anganwadi Centres | Hospitals | Others |
|----------|-----------------------|---------|---------|----------------------|-----------|--------|
| | | | | | | |
| 1. | | | | | | |
| 2. | | | | | | |
| 3. | | | | | | |
| 4. | | | | | | |
| 5. | | | | | | |
| 6. | | | | | | |
| | Total | | | | | |

4.5 Institutional water security plan format

| | Institutional water security plan - Baseline Survey | | | | | |
|------|---|----------------|----------------------|------------------|----------|--|
| Prot | Proforma No. | | | | | |
| Blo | Block: Gram Panchayat: | | | | | |
| Vill | Village: Habitation: | | | | | |
| Α | Basic information | | | | | |
| 1 | Institution Name: | | | | | |
| 2 | If school, No. of Students, | Boys | Girls | Total | | |
| | if other institution means | . | | | | |
| | the total no. of persons | | | | | |
| B | Source | | - | | | |
| 3 | Source of water (Hand pur | ip, PWS) | | | | |
| 4 | Location of Hand pump (In | side the camp | us, Outside the camp | ous) | | |
| 5 | PWS connection (Inside sch | nool, Outside | school) | | | |
| 6 | Supply of water through PW | /S (Continuou | us, intermittent) | | | |
| 7 | Distance between Institution | n and water so | urce point in meters | | | |
| | | | | | | |
| 8 | Whether water availability i | | ar (Yes, No) | | | |
| 9 | If No, how many months it : | | | | | |
| С | Water requirement for Ins | stitution cons | | | | |
| 10 | Use / consumption of water | in L | Drinking/cooking | other purposes | Total | |
| | | | | | | |
| 11 | Type of source used (specify | y) | | Drinking/cooking | Other | |
| | | | | | purposes | |
| | | | | | | |
| 12 | Whether the available water | | Yes, No) | | | |
| 13 | If no, additional demand in | Ltrs | Drinking/cooking | other purposes | total | |
| | | | | | | |
| D | Institutional water manage | / | | | | |
| 14 | Is there any storage facility | | | | | |
| 15 | If yes, storage capacity ava | ulable in | Drinking/cooking | other purposes | total | |
| | Ltrs | | | | | |
| 16 | Do the institution have any | | es, no) | | | |
| 17 | If yes, is it regularly used? (yes, no) | | | | | |
| 18 | 8 If no, would they like to have filter? (yes, no) | | | | | |

| 19 | Do they have any idea abou | t where the file | ter could be procure | d? (yes, no) | |
|----------|-------------------------------|-------------------|----------------------|--------------------|-----------|
| 20 | Do they have any idea abou | t the relationsh | nip between water q | uality and disease | |
| | burden (yes, no) | | | | |
| Η | Additional information | | | | _ |
| 21 | Whether institution is havin | g toilet facility | (Yes, No) | | |
| | | | | | |
| | a) Whether toilet has adequa | ate facility for | cleaning and handw | vashing? | |
| | b) Who cleans the toilet? | DUUI | | | |
| 22 | Whether institution is havin | <u> </u> | ures?(Yes, No) | | |
| 23 | Type of building (Pukka, Ku | | | | |
| 24 | Willingness to construct RV | | | | |
| 25 | Approximate roof area of sc | hool building | | | |
| E | Data management | | | | Γ |
| 26 27 | Sanitary survey score | Wat | er Source 1 | Water Sour | |
| 27 | GPS Survey | Latitude | 1 | | r |
| | | Latitude | Longitude | Latitude | Longitude |
| G | Laboratory report | | | | <u> </u> |
| 28 | Water Source ID | Туре | Year of sinking | Depth (M) | SWL (M) |
| 20 | Water Source ID | Турс | I car of sinking | | |
| | | Discharge | Sample collection | date | |
| | | level | Sumple concetion | uuto | |
| | | | | | |
| 29 | Testing date (quality | pН | Total Hardness | Arsenic (mg/L) | |
| | data as per requirement) | - | (mg/L) | | |
| | | | | | |
| | | Iron (mg/L) | Total Coliform | Fecal Coliform | |
| | | | (MPN/100ml) | (MPN/100ml) | |
| | | | | | |
| Ι | Water budget | | | | |
| 30 | Requirement of water for th | | | | |
| 31 | Supply of water for the insti | tution | | | |
| 32 | Balance requirement | | | | |

5 Water demand assessment

Analysis of water requirement

At the end of household survey, all the facilitators will sit together and compile the information. The village action plan template will be completed, and the following analysis will be conducted.

The purpose of this analysis is to identify the present situation, water demand and gap, with probable solutions as offered by the community. This information will be put on a large chart by the facilitators and will be shared with the community during the village meeting.

- a) Total nos of households in the village as per survey
- b) Total nos of households which does not have water security for drinking water in a complete year. What is the gap (For how much days the water security is not available)? And if the house is pucca, the area of roof in sq.m.
- c) Total nos of households which do not have water security for other purposes in a complete year. What is the gap (For how much days the water security is not available)? And if the house is pucca, the area of roof in sq.m.
- d) Total nos of water sources available in the village as per survey
- e) Nos of functional water sources available in the village as per survey
- f) Nos of non functional water sources available in the village as per survey
- g) How many of the non functional sources can be repaired/rejuvenated
- h) Nos of water sources affected by water quality parameter and can not be used for drinking purposes. Individual water source to be analysed for which parameter or parameters of water quality is not under permissible limits. Can this water source can be treated for water quality problem?
- i) Nos of traditional water sources available in the village , how many out of them are presently being used , for which purpose, how many out of them are not being used but can be revived, what is the quality of water?
- j) Total nos of institutions and their individual pucca area
- k) Water availability for complete village combined (Drinking and other purposes) as well as separate(Drinking and other purposes) and gap as per the survey
- 1) Probable solutions as offered by the community in percentage and as per priority.
- m) Topography sheet showing habitations, streets, position of existing water sources and slopes is to be prepared. This will help community in selecting options.

| S.No | Habitation | Total | No. | of | No. | of | HH | Additiona | ıl |
|------|------------|-------|-----|----|-------|--------|-----|------------|------|
| | name | HH | | | havir | | | quantity | of |
| | | | | | | | | water | safe |
| | | | | | water | r supj | oly | required i | n L |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

6 Summary of Household water security plan survey

7. Village profile based on HH survey

| 0.11 | Village Profile based on HH survey | | | | | | |
|----------|--|-------------------------------------|---|--|--|--|--|
| S.No | Particulars | Details | | | | | |
| A | Primary Information | | | | | | |
| 1 | No. of habitations | | | | | | |
| 2 | Population | | | | | | |
| 3 | No. of families | 1 | | | | | |
| B | Source | Whether working or defunct | Whether water supplied a) regularly b)Sometimes c) Irregular | Whether all communities use this source | Quality of water Good/ Bad | | |
| 4 | No. of public water sources | | | | | | |
| | a) Hand pump | | | | | | |
| | b) Dugwell | | | | | | |
| | c) Street Stand Post(PWS) | | | | | | |
| | d) HH Connection | | | | | | |
| | e) Others | | | | | | |
| 5 | No. of private water sources | | | | | | |
| | a) Hand pump | | | | | | |
| | b) Dugwell | | | | | | |
| | c) Others | | | | | | |
| 6 | No. of families using public water sources | | | | | | |
| 7 | No. of families using private wa | ater source | ces | | | | |
| 8 | No. of families using PWS | | | | | | |
| 9 | No. of families using protected | water su | pply (| | | | |
| | Sanitary risk <5) | | | | | | |
| 10 | a) No. of water sources accessil | ble within | n 100 m - | | | | |
| | 200m | | | | | | |
| | b) No. of water sources accessi | ble within | n 200 m - | | | | |
| | 500m | | | | | | |
| | c) No. of water sources accessil | | | | | | |
| 11 | Frequency of water collection p | ber day (| No. of | | | | |
| | families) | | | | | | |
| | a) one time | | | | | | |
| | b) Two times | | | | | | |
| 10 | c) more than 2 times | 11 . | | | | | |
| 12 | No. of families taking time to c | collect wa | ater of | | | | |
| | a) less than 30 min | | | | | | |
| | b) above 30 min | | | | | | |
| | c) below 60 min | | | | | | |
| 12 | d) above 60 min | | | | | | |
| 13 C | No. of families getting water ro | | | | | | |
| <u>C</u> | Water requirement for HH co | onsumpt | ion | | | | |
| 14 | Consumption of water in L | | | | | | |
| | a) Drinking/ cooking | | | | | | |
| | b) Washing Utensils | | | | | | |

Village Profile based on HH survey

| | c) Other purposes | |
|----|---|--|
| | d) Total | |
| 15 | · · · · · · · · · · · · · · · · · · · | |
| | source | |
| | b) No. of families using DW as drinking water | |
| | source | |
| | Whether water available throughout the year | |
| | a) Parts of the year | |
| | b) Stops during summer | |
| | Common causes cited for water supply | |
| | disruption: | |
| | a) Poor maintenance b) Power cut | |
| | c) Source has gone dry | |
| | d) Reduced water availability | |
| | e) Lack of staff f) contaminated water | |
| | g) Irregular staff h) population increase | |
| | i) financial crunch | |
| | c) No. of families using PWS as drinking water | |
| | source | |
| | d) No. of families using pond water as drinking | |
| | water | |
| | e) No. of families using HP as drinking water | |
| | source | |
| | f) No. of families using DW as drinking water | |
| | source | |
| | g) No. of families using PWS as drinking water | |
| | source | |
| | h) No. of families using pond water as drinking | |
| | water | |
| 16 | No. of families getting adequate water | |
| 17 | Additional demand L | |
| | a) Drinking / cooking | |
| | b) Other purposes | |
| D | Household water management | |
| 18 | No. of families have HH level water storage | |
| | facility | |
| 19 | No. of families aware about the place of filter | |
| | availability | |
| 20 | No. of families having HH water filter | |
| 21 | No. of families regularly using filter | |
| 22 | No. of families interested to procure filter | |
| 23 | No. of families aware about linkages between | |
| | water quality and health | |
| Ε | КАР | |
| 24 | No. of households covering container with lid | |
| 25 | No. of HH using long handle ladder/ tap to take | |
| | out water | |
| 26 | No. of HH keeping water at higher platform | |
| F | O&M | |

| 27 | No. of families willing to contribute money for | |
|----|---|--|
| 27 | O&M | |
| C | Water Quality and disease burden | |
| 28 | | |
| 20 | Incidence of water borne diseases in last three | |
| 2) | months (No. of cases) | |
| | a) Diarrohea | |
| | b) Chlolera | |
| | c) Malaria | |
| | d) Jaundice | |
| 30 | Medical expenses (No. of families) for last three | |
| | months | |
| | a) Below Rs. 100 | |
| | b) Above Rs. 100 | |
| 31 | No. of HH having toilets | |
| 32 | a)No. of families washing hand with soap before | |
| | taking food | |
| | b)No. of families washing hand with soap after | |
| | defecation | |
| | No. of HH having RWH | |
| | No. of families willing to construct RWH | |
| 35 | Water Quality and sanitary score (as per lab | |
| | report) | |
| | a) Safe | |
| | b)Unsafe | |
| | i) Chemical | |
| | ii) bacteriological | |
| | c)Sanitary risk score > 5 | |
| 36 | Water budget | |
| | a)Requirement of water for the village | |
| | b)Availability of water for the village | |
| | c)Balance requirement of water for the village | |

8. Community consultation for selection of technical options

After the completion of HH survey and compilation of data, all the facilitators, surveyor, technical resource person and PHED engineer will organise a village meeting with community members, PRI members and members of VWSC/Gram. The participatory techniques will be used by the facilitators for developing the village action plan for water security.

The purpose of the village meeting is as follows:

- Problem identification
- Problem analysis
- Planning for solutions
- Selecting options
- Finalizing options with capital and operation and maintenance cost at individual level as well as at community level

- Finalizing the mechanism for management of water supply schemes inside the village and developing the rules for sharing O&M cost and regulation for equitable water distribution
- Finalising source sustainability measures recharge structures RWSS
- Finalise capacity building plan for GP/ VWSC members, pump operators, mechanics, watermen, engineers
- Agreement on Village Action Plan and approved by GP/VWSC/ community

The following steps are to be followed for development of the village action plan:

- 1. Here the technical person/PHED person will explain the technical and financial details for the all the options selected by community (Source sustainability, feasibility of the option, geological conditions, capital cost, O&M cost per year, rain water harvesting capital cost and management cost at institutional and individual level, differential use of water etc) to the community and VWSC. Based on the discussions the VWSC will finalise the options at village and individual level. The finalised options will be listed out by the facilitator with details of capital, management and O&M cost and their mechanism. The rules for equitable distribution of water to every individual in the village will also be framed and discussed.
- 2. The community and VWSC/Gram Panchayat will finalised the mechanism of management and O&M of the source and schemes and equitable distribution of water and will agree to share the responsibility. The rules formed/mechanism developed will be a part of village level action plan.



9. Preparation of Participatory Rural Appraisal (PRA) maps

Based on the available primary information's village level PRA maps depicting important land marks like schools, hospitals, etc along with drinking water sources will be prepared.

A PRA (Participatory rural Appraisal) is an intensive, systematic, but semi structured learning experience carried out in a community generally by multidisciplinary team with community members as primary actors.

The tools of PRA are the instruments that are used to gather, synthesize and analysis information in participatory

way. The selection of tools and its development are done according to the objective of work and field situation.

9. Village Action Plan

| | ٫, | v mage | Actio | 11 1 1 1 1 1 1 1 | | | | | | | | | | | | | |
|---------|---------------------------------|----------|----------|--|------------|-----------------------|-------------------------|----------------------|----------------------------|---------------------|----------------------|-----------------|--|--|------|-----|----|
| | | | | from Community Meeting in consultation with PHED engineer(s) | | | | | | | | | | | | | |
| | | | | p | | Financial | | | | | | | Sustaina | Responsibility | | | |
| S. No. | Description of water source/ | scheme | Location | Capacity required (Liters per day) | Households | Capital Cost (Rs.) | Who pays for capital | IEC Training cost | Estimated O&M cost (Rs) | Who pays for O&M | Recharge measures | RWH measures | Community rules developed for the O&M of sources / schemes (Y/N) | Rules for management of sources and schemes (Y/N) | PHED | PRI | |
| 1 | | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| A - Dri | inking wa | ter | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | |
| | Total | | | | | | | | | | | | | | | | |
| B - Otł | ner purpo | se water | · | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | |

| 3 | | | | | | | | | |
|---|-------|--|--|--|--|--|--|--|--|
| 4 | | | | | | | | | |
| | Total | | | | | | | | |

| Legend for above table | | | | | | | | |
|------------------------|--|--|--|--|--|--|--|--|
| Column No. | Description/Clarification | | | | | | | |
| 2 | Options: new source, repair existing, revive tradition source, rain water harvesting, treatment (household or community), etc | | | | | | | |
| 3 | Location based on community preference but technologically correct (as assessed by PHED) | | | | | | | |
| 4 | To ensure water security for every household | | | | | | | |
| 5 | For households benefiting from the intervention | | | | | | | |
| 7 | What is the funding source- NRDWP (including component), PRIs | | | | | | | |
| 9 | Community and/ or Government programme | | | | | | | |
| 10-11 | If yes, attach as annexure | | | | | | | |
| 12-14 | Examples: detailed design, final signoff on design and location, engage contractor, overall management of project, day to day oversight to ensure quality, O&M, collection of remuneration, long term management | | | | | | | |