

District Drinking Water Security Plan – Preliminary

(To be submitted in both hard and soft copies along with 2nd instalment proposals under NRDWP for 2009-10)

(Please elaborate in Descriptive Part based on the basic data collected as per Statistical Abstract. If certain data are not readily available, it need not delay the preparation of these Plans for 2009-10)

Descriptive Part:

- 1. Vision, Mission and Strategy**
- 2. Rainfall, Hydro-geo-morphology and Special features of geo-structural variances and pollution (if any).**
- 3. Ground Water availability**
- 4. Surface water availability**
- 5. Efforts made by the Central/State Governments so far**
- 6. Assistance received from other agencies including external support agencies**
- 7. Present status of coverage**
- 8. Pollution of drinking water sources – chemical, bacteriological**
- 9. Gap between demand and availability of drinking water**
- 10. Annual Action Plan for 2009-10 giving habitation wise (Census coded) list of schemes taken up, and NRDWP Component under which taken up i.e. Coverage, Quality, Sustainability, etc.**
- 11. Status of Water Supply in Schools,(provision of water for drinking, cooking, handwashing, cleaning of toilets in schools) Providing forcelfit pumps/overhead tanks/sumps with handpump for reliable water supply in schools**
- 12. Annual Action Plan and utilisation of funds for Support Activities under NRDWP including for Capacity building and IEC activities**
- 13. Source sustainability issues**
- 14. Financial and Social sustainability issues**
- 15. Convergence of various programmes for source, system, financial and social sustainability of rural drinking water supply schemes**
- 16. Future course of action on conjunctive use of water**
- 17. Future requirement of resources and Action Plan to bridge availability-demand gap.**

Statistical Abstract::

**Basic data required for preparation of
Preliminary District Drinking Water Security Plan**

(i) Name of State, (ii) Name of District (iii) Date of preparation	
Major Agro-climatic zone	As per Champion & Seth recommendation
No. of blocks in black/grey/white (ground water classification)	(CGWB classification)
Number of ((i) Gram Panchayat Units, and (ii) rural habitations in the district (iii) No. Of households in gram panchayats (IMIS data)	Numbers and Population should tally with IMIS entry made by State Governments
Available water quality testing laboratories: (i) District and sub-divisional? (ii) Number of lab technicians, (iii) Types of testing done	
Constitution of DWSM	
How many VWSCs are constituted	

(ii) Current Situation – (a)Quantity

Drinking Water Sources				
Existing number of schemes and population served ::	Type of scheme	Number of schemes	Population served (IMIS data)	% of population served
	PWS with household connections			
	PWS with public taps			
	Public bore wells/ hand pump			
	Public protected wells			
	Public protected springs			
	Public unprotected springs			
	Private borewell/ hand pump			
	Private			

	protected wells					
	Private unprotected wells					
	Roof-water harvesting					
	Others					
	Total					
Number of drinking water sources supported by water harvesting and recharge structures						
Details of numbers of water harvesting and recharge structures available in the district viz., check dam, percolation tank, nala bund, sub-surface dyke, recharge pits, anicut, pond, taka, johad, Oorany, roof-water harvesting etc.						
Water Distribution						
For piped supplies and stand posts, supply pattern (in number of habitations)		1 hr	2 hrs	4 hrs	8 hrs	24 hrs
	Daily					
	Once in 48 hours					
	Once in 72 hours					
	More than 72 hrs					
2.Current Situation – (b)Quality						
Number of water quality affected habitations (i) Arsenic, (ii) Flouride, (iii) Nitrate, (iv) Iron (v) Salinity (vi) Others		Should tally with IMIS data				
2.Current Situation – (c) Financial						
O&M budget – sources of funding, a) tariff, b) NRDWP O&M funds, c) TFC, d) GP funds e) Others						
Tariff schedule for (i) household connection (ii) public stand post						
% of habitations in which actual collection is done						
2.Current Situation – (d) Training and capacity building						

No. of Gram Panchayats / VWSCs / technical and operational staff trained and type of training imparted	Type of training imparted		Number of persons trained			
	Hand pump O&M					
	Mason training					
	Electrical maintenance					
	Water valves operation					
	Disinfection					
	Sanitary survey					
	Others (specify)					
What technical and capacity building support is available at State and district level? From whom?						
3.Service Infrastructure Statistics						
Life of existing Functional and non functional water supply schemes	Life of Functional schemes					Total functional
		0-5 yrs	6-10	11-15	15-20	
	PWS					
	Hand pump					
	Dug well					
	Roof-water harvesting					
Other						
Number of non-functional systems	Point source :: Non-point source :: Number of point sources non-functional converted into in situ aquifer recharging structures ::					
Preliminary Perspective Plan						
General						
Period of planning – number of years						
Estimated population over period						
Predicted water demand during period						
Drinking sources						
Planned water resource enhancements and their expected impact on service delivery						
Treatment						
Planned enhancement of treatment works and their expected impact on service delivery						
Distribution						
Planned increase in percent of total population with access to (i) a household connection, (ii) a public stand post						
Investment Required						
Investment in infrastructure						
Investment in capacity building						
Social audit						

Steps taken on public consultation	
Existing convergence with	<ol style="list-style-type: none"> 1. Total Sanitation Campaign 2. NREGS 3. National Rural Health Mission 4. Sarva Shiksha Abhiyan 5. Integrated Watershed Development Prog. 6. Women & Child Devpt. programmes 7. M o Agri programmes 8. Mo Env Forest programmes 9. Mo Water Resources programmes 10. Others

For technical help and suggestions, please contact

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