

# **Integrated Watershed Management Programme**

## **Format for State Perspective and Strategic Plan (SPSP)**

**Department of Land Resources,  
Ministry of Rural Development,  
Government of India**

## **State Perspective and Strategic Plan for IWMP, DoLR**

1. Introduction: An overview of State.
2. Demography & Land Distribution
3. Land Use Pattern.
4. Trends in Agriculture & Food productivity.
5. Implementation of Watershed Programmes in the state at present.
6. Strategy for implementation of IWMP.
7. Livelihood Concerns.
8. Institutional Arrangement.
9. Capacity Building.
10. Monitoring and Evaluation.
11. Expected Outcomes.

# Format for State Perspective and Strategic Plan for IWMP – DoLR

## Chapter I

### 1.0 Introduction

Briefly describe physical features along with physical-cum-political map of the State

1.1 Briefly describe drainage systems along with state map indicating major rivers

1.2 Brief description of all river basins

1.3 Demarcation of micro-watersheds along with code nos. on a map.

### 1.4 Overview of the State

**Table SPSP 1: State Profile\***

1	2	3	4	5	6	7									
Sl. No	Name of District	No. of Blocks	Total no. of villages	Total no. of Gram Panchayats	Geographical area in Ha.	Population (As per the 2001 Census)									
						Male			Female			Total			% of BPL to total population
						SC	ST	Others	SC	ST	Others	SC	ST	Others	

\*from column no.2, total no. of districts; from columns 3, total no of blocks, from columns 4, total no of villages, from columns 5, total no of Gram Panchayats, from column no.6 to 7 the totals for the entire State may be given at the end of the table.

*Please mention source of above data:*

## 1.5. Economic Development

- a. Brief description about the economic growth of the State, Growth of net state domestic product, per capita income and comparison to national GDP and per capita income growth rate, sectoral contribution to state domestic product, changes in occupational structure, data for last five years, strategies for future economic growth of the State, any other important information about the State
- b. Role of watershed management in the State – Importance of watershed programme for the State, historical background of watershed development in the State, current status, expected outcomes, etc.

## Chapter 2

### 2.0 Agro-climatic zones

Briefly describe the agro-climatic zones of the States including the soil types, rainfall, major crops, etc.

**Table SPSP 2: Details of Agro-climatic zones in the State**

1	2	3	4	5		6	7	
S.No	Name of the Agro-climatic zone	Area in Ha.	Names of the districts	Major soil types		Average rainfall in mm (preceding 5 years average)	Major crops	
				a)Type	b) Area in Ha.		a)Name	b)Area in Ha.

\*From column no.3, Zone-wise total area, from column no.4, No. of districts, from column no. 6, district-wise average rainfall, from column no.5&7, category-wise area, for the entire State may be indicated at the end of the Table.

## 2.1 Rainfall

a) Brief description about rainfall in the State, months during which rainfall is received in the State, distribution of rainfall over the year with average rainfall per month, type of monsoon etc.

**Table SPSP 3: Details of average rainfall and altitude recorded at the District headquarters**

1	2	3
S.No.	Name of the District	Average rainfall in mm (preceding 5 years average)

Source of data:

b) A brief description of droughts and floods in the State in the last **ten** years.

**Table SPSP 4: Details of drought and flood affected districts, blocks and villages in the State during last 10 years \* (MIS Table-M(SP)6)**

1	2	3	4	5	6		7
Sl.No	Name of the District	Particulars	Names of the Block	Villages	Periodicity		Not affected
					Annual	Any other (pl.specify)	
		Flood		No.of villages			
				Name (s) of villages			
		Drought		No.of villages			
				Name(s) of villages			

\* From Column no. 2, total no. of Districts; from Column nos. 6 & 7, total no. of villages, category wise, for the entire State may be given at the end of the table.

## **Chapter 3**

### **3.0 Demography and land distribution – an overview**

Growth in population during the last three census' , per capita availability of land, sex ratio, population age group in the State, literacy level, migration, workforce available in different sectors of the economy, demography of SC,ST, BPL and landless families in the State in the last ten years, etc.

**3.1 Land reform measures** – types of tenancies, distribution of ceiling surplus land, bhoodan land and wastelands among landless, prevention of alienation of tribal land, restoration of alienated land among tribals, women's land rights, empowerment of PRIs, definition and proper categorization of common property resources etc.

**3.2 Operational land holdings** in the State under different categories and income

a) Brief description about land holdings:

**Table-SPSP 5: Details of District-wise land holding pattern in the State \* (MIS Table-M(SP)9)**

1 S. No.	2 Names of Districts	3 Type of Farmer	4 No. of households	5 No. of BPL households	6 Land holding (ha)		
					Irrigated	Rainfed	Total
		i) Large					
		ii) Small					
		iii) Marginal					
		iv) Landless					
		Sub-total					
	Total for the Districts						
	Total for the State						

\*Data for the entire State regarding each item may be given in the same format at the end of the table



**Table SPSP 6: Share of Agriculture Sector to State Income/National Income at Current Prices and Total Work Force in the State and India**

1	2		3	
Year	Percentage share of Agriculture in NSDP <sup>@</sup> figure		Percentage share of Agriculture in Total Workforce	
	State	All India	State	All India
1980-81				
1990-91				
2000-01				

Source of data:

<sup>@</sup>NSDP: Net State Domestic Product

**Table SPSP 7: Sectoral Composition of Net State Domestic Product (NSDP) in State.**

Sector	Years			
	1970-71	1980-81	1990-91	2000-01
Agriculture and allied Sectors				
Industrial Sector				
Service Sector				

## **Chapter 4**

### **4.0 Land Use Pattern**

4.1 Brief description about land use planning and agriculture land in the state:

4.2 Mechanism in the State for land use conversion, establishment of Land Use Board in the State, conversion of agricultural land to other uses in the last five years, brief description of other uses to which agricultural land has been converted, extent to which area under wastelands has been reclaimed and the uses to which the reclaimed land has been put, etc.

**Table-SPSP 8: Land Use status in the State (average of preceding 5 years)\***

(Area in 000 Ha.)

1	2	3	4	5		6	7	8	9	10	11	12	13
Districts	Geographical Area	Forest Area	Land under Non-Agril use	Total rainfed area		Permanent pastures	Land under miscellaneous tree crops and groves	Current fallow	Other fallow	Net sown area	Net area sown more than once	Net irrigated area	Gross cropped area
				a)cultivated	b)cultivable waste								

\*Data for the entire State regarding each item may be given in the same format at the end of the table

Source of data:

### 4.3 Irrigated areas

- a) Brief description about irrigated area in the State – major sources of irrigation – effect of climate change on irrigation – increase or decrease in irrigated area in the last five years – effect on crop yields, productivity and change in cropping pattern.

**Table-SPSP 9: Irrigation Status (Area in 000 Ha.)\***

1	2	3	4	5	6	7	
Districts	Gross# cultivated area	Net cultivated area	Gross@ irrigated area	Net irrigated area	Net irrigated %	Rainfed	
						Area	% of net cultivated area

Source of data:

\*Data for the entire State regarding each item may be given in the same format at the end of the table

# This represents the total area sown once and/or more than once in a particular year, i.e. the area is counted as many times as there are sowings in a year. This total area is known as gross cultivated area.

@It is the total area under crops, irrigated once and/or more than once in a year. It is counted as many times as the number of times the areas are cropped and irrigated in a year.

**Table-SPSP 10: Source-wise Area Irrigated (Area in 000Ha.)\***

1	2	3		4		5		6		7		8	
Districts	Canal (Area)	Tanks		Open wells		Bore wells		Lift irrigation		Others (Pl. specify)		Total	
		No	Area	No	Area	No	Area	No	Area	No	Area	No	Area

Source of data:

\*Data for the entire State regarding each item may be given in the same format at the end of the table

**4.4. Common Property Resources (CPR):**

Brief description about Common Property Resources in the State, laws regarding common property resources, access of landless to the CPRs, management and maintenance of CPRs, brief description of CPRs which have become inoperable due to non-maintenance, state assistance, if any, for development and maintenance of CPRs etc.

**Table-SPSP 11: Details of Common Property Resources in the State \*(MIS Table-M(SP)10)**

1	2	3	4				5			
S. No.	Names of Districts	CPR Particulars	Total Area (ha) Area owned/ In possession of				Area available for treatment (ha)			
			Pvt. persons	Govt. (Specify deptt.)	PRI	Any other (Pl. Specify)	Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)
		(i) Wasteland/ degraded land								
		(ii) Pastures								
		(iii) Orchards								
		(iv) Village Woodlot								
		(v) Forest								
		(vi) Village Ponds/ Tanks								
		(vii) Community Buildings								
		(viii) Weekly Markets								
		(ix) Permanent markets								
		(x) Temples/ Places of worship								
		(xi) Others (Pl. specify)								

\*Data for the entire State regarding each item may be given in the same format at the end of the table.

## Chapter 5

### 5.0 Trends in agriculture and food productivity

Brief description about agriculture and food productivity, major crops by cropping seasons, total food-grain production in the State, per capita availability of food-grains, comparison with national average, crops exported from the State and crops imported in the State, share of agriculture sector in State income/national income at current prices, total agriculture workforce in the State compared to national, changes in cropping patterns during the last five years, etc.

**Table-SPSP 12: Crops production and productivity as per Agricultural Statistics, 2008**  
(MIS Table-M(PO)C1, C2 & C3 pre-project status)

1. Sl. No.	2 Names of the Districts	3 Name of crops	4						5						6					
			Kharif						Rabi						Zaid					
			Area (ha)		Average Yield (Qtl) per ha.		Total Production (Qtl)		Area (ha)		Average Yield per ha (qtl)		Total production (qtl)		Area (ha)		Average Yield per ha (qtl)		Total production (qtl)	
Irri	Rf.	Irri	Rf.	Irri	Rf.	Irri	Rf.	Irri	Rf.	Irri	Rf.	Irri	Rf.	Irri	Rf.	Irri	Rf.	Irri	Rf.	
	Total for the District																			
	Total for the State																			

\* From column no. 2, total number of Districts; from column no.3, total no. of crops; from column no. 4 to 8, the totals for the area, average yield per ha and total production, category-wise, season-wise for the entire state may be given at the end of the Table.

**Irri. – Irrigated Rf. - Rainfed**

**Table-SPSP 13: A. comparative average yield of major crops of the State and India during Triennia 1972-73 to 1974 -75 and 1992-93 to 1994-95 (in Kg/Ha.)**

1	2		3		4	
Major Crop/crop group	Period I: 1972-73 to 1974-75		Period II: 1992-93 to 1994-95		Post 1994-95#	
	State	India	State	India	State	India

# May be filled if data is available with the State Government

Source of data may be indicated for columns 2 and 3 and separately for column 4.

5.1 Give a brief description of types, area covered, production/productivity, marketing facilities and income per ha. from cash crops grown in the State

## **Chapter 6**

### **6.0 Implementation of watershed programmes in the State at present**

- a) Brief description about administrative structure for implementing watershed programmes in the State
- b) Area covered under watershed programmes in the State

**Table-SPSP 14: Status of District-wise area covered under the watershed programme (ha) \* (MIS Table-M(SP)2)**

1	2	3		4						5			
S. No.	Names of Districts	Total micro-watersheds in the District		Micro-watersheds covered so far								Net watersheds to be covered	
				Dept. of Land Resources		Other Ministries/ Depts.				Total watersheds covered			
				Pre-IWMP projects (DPAP +DDP +IWDP)		Any other watershed project							
		No.	Area (ha.)	No.	Area (ha.)	No.	Area (ha.)	No.	Area (ha.)	No.	Area (ha.)	No.	Area (ha.)

\*from column no.2, total no. of districts; from columns 3 to 5 the totals for the entire State may be given at the end of the table.



**Table-SPSP 15: Details regarding the watershed projects sanctioned by DoLR in the State:**

1	2	3	4		
S.No.	Item	Total	Pre-IWMP scheme details		
			DPAP	DDP	IWDP
1	Area sanctioned in ha. (as per column 4 of DoLR area in ha. Table SSP 14)				
2	Names of the districts covered				
3	No.of Blocks covered				
4	No.of watershed projects sanctioned by DoLR				
5	No. of projects completed out of those taken at Row (4)				
6	No.of projects foreclosed of Row (4)				
7	No.of on-going projects of Row (4)				
8	Area already treated by completed projects of Row (5)				
9	Area for treatment by on-going projects of Row (5)				
10	Total area treated and under treatment (8)+ (9)				
11	Area yet to be treated and proposed to be treated by DoLR (column 1-column 10)				

**Table-SPSP 16: Details of the watershed projects implemented in the State with the financial assistance other than DoLR**

1	2	3	4						
S. No	Item	Total	Watershed schemes of other Ministries						
			Ministry of Agriculture GoI	Ministry of E & F, GoI	Planning Commission	NABARD	State Govt.	EAP	#Others (Pl. Specify)
1	Area sanctioned in ha. (as per column 4 of Table 14)								
2	Names of the districts covered								
3	No.of Blocks covered								
4	No.of watershed projects sanctioned other than DoLR								
5	No.of projects completed out of those taken at Row (4)								
6	No.of projects foreclosed of Row (4)								
7	No.of on-going projects of Row (4)								
8	Area already treated by completed projects of Row (5)								
9	Area for treatment by on-going projects of Row (5)								
10	Total area treated and under treatment (8)+ (9)								
11	Area yet to be treated and proposed to be treated by other than DoLR resources (column 1-column 10)								

# If required please add more columns

6.1 **Details of pending utilization certificates and unspent balance** available with State under DPAP, DDP & IWDP, reasons for not sending due UCs, reasons for unspent balances which should have been utilized, time-frames proposed for clearing the backlog, fixing of responsibilities for slow progress and pendencies and also for clearing backlog, interest earned on unspent balances and its utilization, etc.

**Table- SPSP 17 : Details of pending UCs (MIS Table-M(FM)5)**

1	2	3	4	5	6	7	8		9		10	11	
S. No.	District	Project	Instal-ment no.	Financial year of release of fund	Amount released (Rs. in lakh)	Amount utilized (Rs.in lakhs)	Submission of UC		Date of submission of UC		Reasons for not submitting/ delayed submission of UC	Pending UCs	
							Due date	Amount (Rs. In lakhs)	Date	Amount (Rs. In lakhs)		Period	Amount (Rs. in lakhs)

**Table-SPSP 18: Details of Unspent balance (MIS Table-M(FM)8)**

1	2	3	4	5	6	7	8
S. No.	District	Project	Instal-ment no.	Financial year of release of fund	Amount released (Rs. in lakh)	Amount utilized (Rs.in lakhs)	Unutilised funds (Rs. In lakhs)

## **Chapter 7**

### **7.0 Strategy for implementation of Integrated Watershed Management Programme (IWMP)**

**Briefly describe the following:**

- a) Prioritization of available area based on the criteria as per the Operational Guidelines of DoLR**
  
- b) List of watershed projects, along with area coverage, selected for treatment for the next 18 years; listing of these watershed projects and area coverage year-wise for next 18 years**

**Table-SPSP 19: Plan-wise phasing of physical (area in ha) & financial (Rs. in Crore) targets of IWMP for next 18 years\*:**

S.No	District	Remaining period of XI Plan (2009-10 to 2011-12)		XII Plan (2012-13 to 2016-17)		XIII Plan (2017-18 to 2021-22)		XIV Plan (2022-23 to 2026-27)		Total for 18 years	
		Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.

\*Data for the entire State regarding each item may be given in the same format at the end of the table

**Table-SPSP 20: Year-wise phasing of physical (area in '000 ha) & financial (Rs. in lakh) targets of IWMP for remaining period of XI Plan \*:**

1	2	3																			
S. No	District	Remaining period of XI Plan																			
		2009-10				2010-11				2011-12				Total							
		Phy.				Fin.	Phy.				Fin.	Phy.				Fin.	Phy.		Fin.		
		No. of projects		Area			No. of projects		Area			No. of projects		Area			No. of projects	Area			
		H&D	O	H&D	O	H&D	O	H&D	O	H&D	O	H&D	O	H&D	O	H&D	O				

H&D- Hilly & Difficult area; O- Others

\*Data for the entire State regarding each item may be given in the same format at the end of the table

**Table-SPSP 21:** Details of district wise and category-wise area proposed to be taken up under IWMP during next 3 years i.e upto 11<sup>th</sup> Five Year Plan.

(Area in 000 Ha.)

1	2	3	4	5	6			7	
S. No.	District	Year	Total area available for treatment	Total area proposed to take up under IWMP in the next 3 years	Terrain of the proposed area			Land use type of proposed area	
					Hilly	Desert	Others (Pl. specify)	cultivated rainfed area	Uncultivated Wasteland
		2009-10							
		2010-11							
		2011-12							
		Sub-total							

**Table-SPSP 21 (Conti.) :** Details of district wise and category-wise area proposed to be taken up under IWMP during next 3 years i.e upto 11<sup>th</sup> Five Year Plan.

7					8					9			
Ownership pattern of the proposed area					No. of beneficiaries covered					Identified DPAP/ DDP Blocks covered			
Private	Communi- nity	Forest	Others (pl. specify)	Total area	MF	SF	LF	Landless	Total	DPAP		DDP	
										No. of blocks	Area	No. of blocks	Area

**C) Briefly describe the convergence of IWMP with other Schemes in the State**

**Table-SPSP 22: Details of Convergence of IWMP with other Schemes\* (MIS Table-M(P)3)**

1	2	3	4	5		6	7
S. No.	Name of the District	Names of Departments with Schemes converging with IWMP	Funds to be made available to IWMP due to convergence (Rs.)	Was this fund included in Rs.12,000/15,000 per ha.		Name of activity/task/structure to be undertaken with converged funds	Level at which decision for convergence was taken <sup>§</sup>
				Yes	No		

\* from Column no. 2, total no. of districts implementing the programme, from column no. 4, total amounts may be mentioned at the end of the table for the entire State.

§ DRDA cell/ZP/DPC/SLNA/DoLR

**d) Public – Private Partnership**

Briefly describe scope for Public – Private Partnership in watershed projects

**Table-SPSP 23: Summary of Public-Private Partnership in the IWMP projects\* (MIS Table-M(P)4)**

1	2	3	4	5	6	7
S. No.	District	Name of Private Sector Partner Agency	Type of agreement signed (MoU/contract others pl.specify)	Financial contribution	Partnership Interventions	Expected Outcomes

\* from Column no. 2, total no. of districts implementing the programme, from Column no. 3, total no. of private companies/ agencies, from column no. 5, total amounts may be mentioned at the end of the table for the entire State.

**7.1 Planning Process - Details of Scientific criteria/Inputs used in Planning (MIS Table-M(P)6)**

Briefly describe about various scientific inputs used in planning watershed projects in the State.

Scientific criteria/ inputs used
<b>(A) Planning</b>
Cluster approach
Whether technical back-stopping for the project has been arranged? If yes, mention the name of the Institute.
Baseline survey
Hydro-geological survey
Contour mapping
Participatory Net Planning (PNP)
Remote sensing data-especially soil/ crop/ run-off cover
Ridge to Valley treatment



Online IT connectivity between
(1) Project and DRDA cell/ZP
(2) DRDA and SLNA
(3) SLNA and DoLR
Availability of GIS layers
1. Cadastral map
2. Village boundaries
3. Drainage
4. Soil (Soil nutrient status)
5. Land use
6. Ground water status
7. Watershed boundaries
8. Activity
Crop simulation models <sup>#</sup>
Integrated coupled analyzer/ near infrared visible spectroscopy/ medium spectroscopy for high speed soil nutrient analysis
Normalized difference vegetation index (NDVI) <sup>#</sup>
Weather Stations
<b>(B) Inputs</b>
1. Bio-pesticides
2. Organic manures
3. Vermicompost
4. Bio-fertilizer
5. Water saving devices
6. Mechanized tools/ implements
7. Bio-fencing
8. Nutrient budgeting
9. Automatic water level recorders & sediment samplers
Any other (please specify)

## **Chapter 8**

### **8.0 Livelihood concerns:**

- (a) Brief description about the livelihoods in the State-traditional livelihoods-reasons for development of traditional livelihoods-other raw materials and potential available in the State – livelihoods that can be developed on the basis of these raw materials and potential-reasons for not developing these livelihoods so far-factors necessary for developing these livelihoods-potential in rural areas and potential in urban areas-backward-forward linkages available and yet to be created-facilities for capacity building available and yet to be created-workforce available in the State by age group-per capita income in the State and comparison with national average – likely per capita income to be generated through enhancement of livelihoods etc.

***Table- SPSP 24:(A) Details of livelihoods created for landless people\*(MIS Table-M(PO)D2:(i))***

1	2	3	4					5	6	7	8				
S. No.	District	Name of activity	No. of beneficiaries					Pre-project income (Rs.)	Expected change in income from project intervention	Funds required for the activity (Rs.)	Sources of funding (Rs.)				
			SC	ST	Oth ers	Wo men	To tal				Project Fund	Benefi- ciary	Financial institution	NGO	Others

\* From column no.2 total number of Districts; from column no.3 total no. of activities, from column no. 4, category-wise total no. of beneficiaries, from column no. 5 to 8, categorywise totals, for the entire State may be given at the end of the Table.

**Table-SPSP 25: (B) Details of other livelihoods created for farmers\*(MIS Table- M(PO)D2:(ii))**

1	2	3	4					5	6	7	8				
S. No.	District	Name of activity	No. of beneficiaries					Pre-project income (Rs.)	Expected change in income from project intervention	Funds required for the activity (Rs.)	Sources of funding (Rs.)				
			SF	MF	LF	Other	Total				Project Fund	Beneficiary	Financial institution	NGO	Others

\* From column no.2 total number of Districts; from column no.3 total no. of activities, from column no. 4, category-wise total no. of beneficiaries, from column no. 5 to 8, categorywise totals, for the entire State may be given at the end of the Table.

## **Chapter 9**

### **9.0 Institutional arrangements**

Briefly describe the Institutional arrangements for implementation of IWMP in the State at various levels

### **9.1 SLNA**

Briefly describe organizational structure of SLNA (total no.of persons working, no. of permanent employees, no. of persons on contract basis, no. of persons paid from DoLR grants under IWMP, other sources of funds)

***Table-SPSP 26: Details of SLNA (MIS Table-M(IS)1)***

1	2	3	4	5
S. No.	Date of Notification	Type of SLNA <sup>#</sup>	Date of MoU with DoLR	Total no. of members of SLNA

<sup>#</sup>Whether it is a Department/ Mission/ Society/ Authority/ Others (pl. specify)

**Table-SPSP 27: Details of SLNA (MIS Table-M(IS)1) (Contd..)**

6		7					
Chairperson		CEO					
Name	Designation <sup>#</sup>	Name	Designation	Date of Appointment	Nature of appointment <sup>\$</sup>	Tenure (No. of years)	Contact Ph. No./ Fax/ E-mail

<sup>#</sup> APC/ ACS/ Dev. Commissioner/ Others (pl. specify)

<sup>\$</sup> Deputation/ Contract

**Table-SPSP 28: Details of functionaries in the SLNAs\* (MIS Table-M(IS)2)**

1	2	3	4										
S. No.	Total no. of persons working in the SLNA for IWMP	Monthly emoluments of all the persons working in the SLNA for IWMP	Details of the persons engaged in the SLNA funded by DoLR										
			Names & Designation	Monthly remuneration	Date of Appointment	Nature of appointment <sup>\$</sup>	Tenure (No. of years)	Contact Ph. No./ Fax/ E-mail	Subject of Expertise	Qualification	Experience	Role	

\* from column no. 2, total no. of persons working in the SLNA for IWMP; from column no. 3, total monthly emoluments for all the persons working in the SLNA for IWMP; from column no. 4, total no. of persons to be funded by DoLR, total monthly remuneration of the persons funded by DoLR may be indicated for the entire State at the end of the table.

\* Chart indicating organizational structure of the SLNA with all the officers & staff may be enclosed

<sup>\$</sup> Deputation/ Contract

**Table-SPSP 29 : Details of State Level Data Cell (SLDC) functionalities\*# (MIS Table-M(IS)3)**

1	2	3	4									
S. No.	Total no. of persons working in the SLDC for IWMP	Monthly emoluments of all the persons working in the SLDC for IWMP	Details of the persons engaged in the SLDC to be funded by DoLR									
			Names & Designation	Monthly remuneration	Date of Appointment	Nature of appointment <sup>\$</sup>	Tenure (No. of years)	Contact Ph. No./ Fax/ E-mail	Qualification	Experience	Role	

\* from column no. 2, total no. of persons working in the SLDC for IWMP; from column no. 3, total monthly emoluments for all the persons working in the SLDC for IWMP; from column no. 4, total no. of persons to be funded by DoLR, total monthly remuneration of the persons funded by DoLR may be indicated for the entire State at the end of the table.

<sup>\$</sup> Deputation/ Contract

<sup>#</sup>Chart indicating organizational structure of the SLDC with all the officers & staff may be enclosed

**Briefly describe State level Monitoring/Evaluation Cell**

**9.2. District Level Watershed Units**

- A) Briefly describe organizational structure of DRDA/ZP cell for watershed programme (total no.of persons working, no.of permanent employees, no. of persons on contract basis, no.of persons paid from DoLR grants under IWMP, other sources of funds)

**Table-SPSP 30: Details of functionaries in the DWDU/ DRDA Watershed Cell\*(MIS Table-M(IS)4)**

1	2	3	4	5	6	7	8								
S. No.	Name of the District	Name of the executing Agency#	Status of Chairman @	Date of signing of MoU with SLNA	Total no. of persons working for IWMP	Monthly emoluments of all persons working for IWMP	Details of the two personnel engaged in the Watershed Cell funded by DoLR								
							Name and Designation	Monthly Remuneration	Date of Appointment	Nature of appointment <sup>\$</sup>	Tenure (No. of years)	Contact Ph. No./ Fax/ e-mail	Qualification	Experience	Role

a) \* from column no.2, no. of districts; from column no. 3, no. of executive agencies; from column no.6, no. of persons working in the executive agencies; from column no. 7, total monthly emoluments for all the persons working in the watershed cell, from column no. 8 total no.of persons to be funded by DoLR, total monthly remuneration of the persons for the entire State may be indicated at the end of the table.

b) #DRDA/Zilla Parishad (ZP)/ State Department/ Any other (Please specify)

c) @collector/CEO ZP/ CDO/ DDO/ PD/ Any other (please specify)

**B) Eligible districts (more than 25,000 ha area under watershed projects in the district) for strengthening DRDA cell may be given.**

### **9.3 PIA**

Briefly describe the potential PIAs for IWMP in the State (Line Dept., Autonomous organization, Govt. Institute, Research Bodies, Zila Parishad, Intermediate Panchayat, Voluntary Organisations, any other (please specify) and process of selection of PIAs in the State

### **9.4 WDT**

Briefly describe process of selection of members for WDTs in the State

### **9.5 Institutional arrangements at village level and people's participation**

Briefly describe the strategy for setting up Institutional arrangements (SHGs, UGs and WCs) at village level and people's participation



## **Chapter 10**

### **10.0 Capacity building**

a) Stake holders and capacity building requirements

S.No	Project Stakeholder	Critical capacity gaps
1	Target community	
2	GPs	
3	Watershed Committees	
4	SHGs	
5	UGs	
6	WDTs	
7	PIAs	
8	DRDA/ZP cell	
9	SLNA	

b) Strategies for capacity building

Briefly describe about strategies for capacity building

c) Indicate capacity building programme to be taken up

d) Indicate institutional arrangements made for capacity building at State level, District level, Block level and Village level.

e) Training manuals developed for training programme and field training proposed

**Table-SPSP 31: List of Training Institutes<sup>@</sup> identified for Capacity Building at State level (MIS Table-M(CB)1)**

1	2	3	4	5	6	7
S. No.	Name of the Training Institute	Full Address with contact no., website & e-mail	Name & Designation of the Head of Institute	Type of Institute <sup>#</sup>	Area(s) of specialization <sup>\$</sup>	Accreditation details

# Central govt. Dept./ State govt. Dept./ Autonomous Body/ Research Institutes/ Universities/ Others (pl. specify)

\$ Capacity Building/ Agriculture/ Horticulture/ Animal Husbandry/ Pisciculture/ Remote Sensing/ Water conservation/ Ground water/ Forestry/ livelihoods/ entrepreneurship development/ others (pl. specify)

@ The training institutes must fulfill the conditions mentioned in the operations guidelines.

- (i) Technical experts in fields required by IWMP
- (ii) Past experiences
- (iii) Annual Turnover
- (iv) Receives funds either from the Central or State Government
- (v) Publications
- (vi) Not blacklisted by any Govt. organizations
- (vii) Audited accounts
- (viii) Organizational structure

**(In the same format furnish District wise, Block-wise Institutions identified for Capacity Building)**

**f) Information, Education & Communication (IEC) Activities:**

Describe the IEC activities to be undertaken under IWMP:

**Table: SPSP 32: Details of IEC activities\* (MIS Table-M(CB)3)**

1	2	3	4	5	6
S. No.	District	Activity	Executing agency	Estimated expenditure for XI Plan period (Rs. in lakh)	Expected Outcome (may quantify, wherever possible)

\* From Column no. 2, total no. of Districts implementing the programme, from column no.3 no. of activities, from Column no. 4, total no. of agencies, from column no. 5 total estimated expenditure may be given at the end of the table for the entire State.

## Chapter 11

### 11.0 Monitoring and Evaluation (M & E)

Briefly describe plan to comply following:

- a) Performance monitoring of projects
- b) Institutional performance monitoring
- c) Internal learning
- d) Evaluation
- e) Indicate institutional arrangements made for M & E at State level, District level, Block level and Village level.

**Table-SPSP 33: List of Institutes<sup>@</sup> identified for M & E at State level**

1	2	3	4	5	6	7
S. No.	Name of the Training Institute	Full Address with contact no., website & e-mail	Name & Designation of the Head of Institute	Type of Institute <sup>#</sup>	Area(s) of specialization <sup>\$</sup>	Accreditation details

<sup>#</sup> Central govt. Dept./ State govt. Dept./ Autonomous Body/ Research Institutes/ Universities/ Others (pl. specify)

<sup>\$</sup> Capacity Building/ Agriculture/ Horticulture/ Animal Husbandry/ Pisciculture/ Remote Sensing/ Water conservation/ Ground water/ Forestry/ livelihoods/ entrepreneurship development/ others (pl. specify)

<sup>@</sup> The M&E institutes must fulfill the conditions mentioned in the operations guidelines.

## **Chapter 12**

### **12.0 Expected outcomes**

- a) Briefly describe expected outcomes due to implementation of IWMP in the State
- b) Summarize in the table given below.

**Table-SPSP 34: Expected/Estimated Outcomes (MIS Table-M(PO)F1)**

1	2	3	4	5	6	7
S. No.	Name of the District	Item	Unit of measurement	Pre-project Status	Expected Post-project Status	Remarks
		Status of water table				
		Ground water structures repaired/ rejuvenated				
		Quality of drinking water				
		Availability of drinking water				
		Increase in irrigation potential				
		Change in cropping/ land use pattern				
		Area under agricultural crop				
		i Area under single crop				
		ii Area under double crop				
		iii Area under multiple crop				
		Net increase in crop production area				
		Increase in area under vegetation				
		Increase in area under horticulture				
		Increase in area under fuel & fodder				
		Increase in milk production				
		No. of SHGs				
		Increase in no. of livelihoods				
		Increase in income				

		Migration				
		SHG Federations formed				
		Credit linkage with banks				
		Resource use agreements				
		WDF collection & management				
		Summary of lessons learnt				

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