Integrated Watershed Management Programme

Preliminary Project Report (PPR)

Kasargode

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

I. Institutional Structures.

I. A. State Level Nodal Agencies

I. B. District Level Watershed Units

I. Selection of Watershed Projects

II. Profile of the each selected watershed project

III. Agro-climatic condition of project area.

IV. Demography & land distribution

V. Livelihoods

VI. Expected project out comes

VII. Mandatory certificates

VIII. Status of on-going projects

IX. Abstract of projects proposed for sanction

I. Institutional Structures

I. A. State Level Nodal Agencies (SLNAs):

Table-PPR 1: Details of SLNA

1	2	3	4	5	6
No	State	Type of SLNA[#]	Date of Notification	Date of MoU with DoLR	Total no. of members of SLNA
1	Kerala	Mission	14-Jun-10		Twenty Five

Table-PPR 1: Details of SLNA (Contd..)

7		8					
Chairperson and Co Chairperson		CEO					
Name	Designation[#]	Name	Designation	Date of Appointment	Nature of appointment [$]	Tenure	Contact Ph. No./ Fax/ E-mail
L C Goyal	Agriculture Production commissioner		Additional Director of Agriculture (SC Unit)	14-Jun-10			
S M Vijayanand	Principal Secretary, LSGD						

Table-PPR 2: Details of functionaries in the SLNAs*

1	2	3	4	5	6	7	8		9	
No	Total no. of persons working in the SLNA for IWMP	Names & Designation	Qualification	Experience	Work allocation	Monthly remuneration (Rs.)	Total budget of SLNA (Rs.)		Funding expected from DoLR (Rs.)	
							R	NR	R	NR
1										

Table-PPR 3: Details of State Level Data Cell (SLDC) functionaries*

1	2		3	4	5	6	7	8		9	
No	Total no. of persons working in the SLDC for IWMP		Names & Designation	Qualification	Experience	Work allocation	Monthly remuneration (Rs.)	Total budget of SLDC (Rs.)		Funding expected from DoLR (Rs.)	
								R	NR	R	NR
1	Nine	Technical expert, (Agriculture/ Agriculture Engineering)		PG/Ph.D in the related Field	10 years		50000				
2		Technical expert, (IT/Livelihood,micro enterprises /livelihood)		B Tech. Computer Science / MCA	10 years		50000				
3		Administrative Officer		PG in Administration / Management	10 years		40000				
4		Finance cum Accounts Officer		PG in FM / Accounts / CA	10 years		35000				
5		Accounts assistants - 2 numbers		Graduation in Accounts / Commerce / Economics	5 years		25000				
6		GIS expert		B Tech / M Sc / M Tech in related field	5 years		40000				
7		Data entry operator		Graduate+Certificate in DTP	5 years		15000				
8		Programmer		Diploma/Certificate in related fields	5 years		25000				

I. B. District Level Watershed Units:

Table-PPR 4: Details of functionaries in the DRDA Watershed Cell

1	2	3	4	5	6
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 Watershed programme
1	Thiruvananthapuram	Respective District Panchayaths	President, respective District panchayats		Three each in all Districts, 52 persons in the State
2	Kollam				
3	Pathanamthitta				
4	Alapuzha				
5	Kottayam				
6	Idukki				
7	Eranakulam				
8	Thrissur				
9	Palakkad				
10	Malappuram				
11	Kozhikkode				
12	Wayanadu				
13	Kannur				
14	Kasargode				

Table-PPR 4: Details of functionaries in the DRDA Watershed Cell - cont.

	7	8	9	10	11	12		13	
No	**Names & Designation**	**Qualification**	**Experience**	**Work allocation**	**Monthly remuneration (Rs.)**	**Total budget of Watershed Cell (Rs.)**		**Funding expected from DoLR (Rs.)**	
						R	**NR**	**R**	**NR**
1	Technical expert	Graduation in the related field	5 years		25000				
2	Accountant	Graduation in the related field	3 years		10000				
3	Data entry operator	Diploma / certificate in the related field	3 years		7500				
	52 persons				**595000**				

II. SELECTION OF WATERSHED PROJECTS

Table-PPR 5 : Status of District-wise area covered under the watershed programme (MIS Table-M(SP)2)*

1	**2**	**3**		**4**						**5**	
No.	**Name of the District**	**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**	**No.**	**Area (ha.)**	**No.**	**Area h**	**No.**	**Area (ha.)**
1	Kasargode	472	199168	3	8384	81	27867	84	36251	378	146349
	State	4529	3874535	29	19345	955	1018761	983	1038991	2067	1459817

Table-PPR 6: Prioritized list of projects proposed for sanction during the financial year 2010-11

1	2	3	4	5	6	7	8												
No	**District**	**Name of the project**	**No. of micro-watersheds proposed to be covered**	**Proposed project area (ha)**	**Type of project (Hilly/ Desert/ Others)**	**Proposed cost (Rs. in lakh)**	**Weightage under the criteria#**												
							1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**Total**
1	Kasargode	IWMP1	14	5133	Hilly	769.95	93	42	0	140	20	0	210	98	65	0	110	0	210	987
		1	14	5133		769.95														

Criteria and weightage for selection of watershed

No	Criteria	score	Ranges & scores			
i	Poverty index (% of poor to population)	10	Above 80 % (10)	80 to 50 % (7.5)	50 to 20 % (5)	Below 20 % (2.5)
ii	% of SC/ ST population	10	More than 40 % (10)	20 to 40 % (5)	Less than 20 % (3)	
iii	Actual wages	5	Actual wages are significantly lower than minimum wages (5)	Actual wages are equal to or higher than minimum wages (0)		
iv	% of small and marginal farmers	10	More than 80 % (10)	50 to 80 % (5)	Less than 50 % (3)	
v	Ground water status	5	Over exploited (5)	Critical (3)	Sub critical (2)	Safe (0)
vi	Moisture index/	15	-66.7 & below (15)	-33.3 to -66.6 (10)	0 to -33.2 (0)	
	DPAP/ DDP Block		DDP Block	DPAP Block	Non DPAP/ DDP Block	Above 70 % (Reject)
vii	Area under rain-fed agriculture	15	More than 90 % (15)	80 to 90 % (10)	70 to 80% (5)	Fully covered (0)
viii	Drinking water	10	No source (10)	Problematic village (7.5)	Partially covered (5)	
ix	Degraded land	15	High – above 20 % (15)	Medium – 10 to 20 % (10)	Low-less than10% of TGA(5)	
x	Productivity potential of the land	15	Lands with low production & where productivity can be significantly enhanced with reasonable efforts (15)	Lands with moderate production & where productivity can be enhanced with reasonable efforts (10)	Lands with high production & where productivity can be marginally enhanced with reasonable efforts(5)	
xi	Contiguity to another watershed that has already been developed/ treated	10	Contiguous to previously treated watershed & contiguity within the micro watersheds in the project (10)	Contiguity within the micro watersheds in the project but non contiguous to previously treated watershed (5)	Neither contiguous to previously treated watershed nor contiguity within the micro watersheds in the project (0)	
xii	Cluster approach in the plains (more than one contiguous micro-watersheds in the project)	15	Above 6 micro-watersheds in cluster (15)	4 to 6 micro watersheds in cluster (10)	2 to 4 micro watersheds in cluster (5)	
	Cluster approach in the hills (more than one contiguous micro-watersheds in the project)		Above 5 micro-watersheds in cluster (15)	3 to 5 micro watersheds in cluster (10)	2 to 3 micro watersheds in cluster (5)	

III) PROJECT WISE PROFILE OF THE SELECTED WATERSHED PROJECT

Table –PPR 7: Project at a Glance

1	**Name of the State**	**Kerala**		
2	**Name & type# (Hilly/ Desert/ Others) of the project**	**IWMP1**	**0**	**Hilly**
3	**Name of the District**	**Kasargode**		
4	Names of the Blocks	Neeleswaram		
5	Names of Gram Panchayats	Kinanoor karindalam		
		West Eleri		
6	Names & Census Code of Villages covered	Cheemeni		00010200
		Karindalam		00010000
		Bheemanady		00009300
		Parappa		00009400
		West Eleri		00009000
7	Names & Codes of the micro-watersheds	Mukkada		37K13a
		kuricheri 3		37K14a
		Varakadu 2		37K14ag
		kunnakai 1		37K14ah
		Kuricheri 2		37K14b
		Thodamchal 2a		37K14c
		Parapachal		37K14d
		Thodamchal 1		37K14e
		Thodamchal 2a		37K14f
		Kuricheri 1		37K14g
		Kunnakai 2		37K14h
		Bhimanadi 2b		37K14q
		Bhimanadi 2a		37K14r
		Koovatty		38N11e

8	**Four major reasons for selection of watershed**	Dilapidated traditional irrigation systems
		Low productivity of land
		Strong presence of SC/ST, BPL families and marginal farmers
		Poor adaptation to climate change
9	**Area of the Project (ha.)**	**5471**
10	**Area proposed to be treated (ha.)**	**5133**
11	**Project Cost (Rs. in Lakhs)**	**769.95**
12	**Name and Address of proposed PIA**	**Neeleswaram Block Panchayat**

Table-PPR 8: Details of previously identified DPAP/ DDP areas proposed under IWMP (ha) during the financial year*

There are no DPAP/DDP blocks identified in Kerala

Table-PPR 9: Land Use pattern of the project*

1	2	3	4	5	6	7	8	9	
No	Name of watersheds	Names of villages	Geographical Area of the watershed	Forest Area	Land under agricultural use	Rain fed area	Permanent pastures	Wasteland	
								Cultivable	Non-cultivable
1	Mukkada	Cheemeni	94	0	80	93	0	14	0
2	kuricheri 3	Karindalam	293	0	233	292	0	56	3
3	Varakadu 2	Bheemanady	1066	0	1008	1066	0	48	9
4	kunnakai 1	Bheemanady	532	5	500	532	0	25	2
5	Kuricheri 2	Parappa	180	0	167	180	0	8	6
6	Thodamchal 2a	Bheemanady	312	0	279	312	0	32	1
7	Parapachal	Bheemanady	512	230	234	512	0	44	4
8	Thodamchal 1	Bheemanady	222	0	187	222	0	34	1
9	Thodamchal 2a	Bheemanady	375	45	261	375	0	67	3
10	Kuricheri 1	Bheemanady	298	21	251	298	0	25	1
11	Kunnakai 2	Bheemanady	256	0	248	256	0	7	0
12	Bhimanadi 2b	Bheemanady	178	36	138	178	0	5	0
13	Bhimanadi 2a	West Eleri	116	0	109	116	0	7	0
14	Koovatty	Karindalam	1037	0	849	1037	0	163	25
	Total		**5471**	**336**	**5471**	**336**	**5471**	**336**	**5471**

IV. AGRO-CLIMATIC CONDITION

Details about soil types, land uses etc. are given as additional tables

Table – PPR 10: Details of Agro-climatic condition*

1	2	3	5	7	8
No	**Name of the watershed**	**Name of the Agro-climatic zone covers project area**	**Names of the villages**	**Topography#**	**Average rainfall in mm**
1	Mukkada	Malappuram type	Cheemeni	Moderate	**3277 mm**
2	kuricheri 3	Malappuram type	Karindalam	Undulating	
3	Varakadu 2	Malappuram type	Bheemanady	Steep slope	
4	kunnakai 1	Malappuram type	Bheemanady	Undulating	
5	Kuricheri 2	Malappuram type	Parappa	Undulating	
6	Thodamchal 2a	Malappuram type	Bheemanady	Moderate	
7	Parapachal	Malappuram type	Bheemanady	Steep slope	
8	Thodamchal 1	Malappuram type	Bheemanady	Undulating	
9	Thodamchal 2a	Malappuram type	Bheemanady	Moderate	
10	Kuricheri 1	Malappuram type	Bheemanady	Undulating	
11	Kunnakai 2	Malappuram type	Bheemanady	Undulating	
12	Bhimanadi 2b	Malappuram type	Bheemanady	Moderate	
13	Bhimanadi 2a	Malappuram type	West Eleri	Moderate	
14	Koovatty	Malappuram type	Karindalam	Undulating	

Table – PPR 10 a: Details of soil types and major crops

1	2	6					9				
No	Name of the watershed	Major soil types					Major crops				
		Brown hydromorphic soil	Lateritic soil	Riverine alluvium	0	Total	Coconut	Paddy	Mixed	Rubber	Total
1	Mukkada	0	0	94	0	94	52	0	5	23	80
2	kuricheri 3	0	242	51	0	293	113	0	20	101	233
3	Varakadu 2	13	1053	0	0	1066	155	9	304	540	1008
4	kunnakai 1	353	128	50	0	532	99	0	151	249	500
5	Kuricheri 2	115	65	0	0	180	43	0	33	90	167
6	Thodamchal 2a	123	189	0	0	312	136	0	57	86	279
7	Parapachal	0	512	0	0	512	78	6	22	128	234
8	Thodamchal 1	0	222	0	0	222	62	0	11	114	187
9	Thodamchal 2a	157	218	0	0	375	62	0	41	158	261
10	Kuricheri 1	84	213	2	0	298	29	0	72	150	251
11	Kunnakai 2	7	247	3	0	256	188	0	7	54	248
12	Bhimanadi 2b	0	178	0	0	178	44	0	14	80	138
13	Bhimanadi 2a	0	116	0	0	116	55	0	12	43	109
14	Koovatty	510	514	13	0	1037	119	12	430	289	849

Table-PPR 11: Details of flood and drought in the project area*

1	2	3	4		5
No	Particulars	Villages	Periodicity		Not affected
			Annual	Any other - once in 4 years	
1	Flood	No. of villages	0	5	0
		Name(s) of villages	0	Cheemeni, Karindalam, Bheemanady, Parappa, West Eleri	
2	Drought	No. of villages	0	5	0
		Name(s) of villages	0	Cheemeni, Karindalam, Bheemanady, Parappa, West Eleri	
Total			0	5	0

Table-PPR 12 : Details of soil erosion in the project area

1	2	3	4	5
Cause	Type of erosion	Area affected (ha)	Run off (mm/ year)	Average soil loss (Tons/ ha/ year)
Water erosion				
a	Severe	0	NA	NA
b	Moderate	3961	NA	NA
c	Slight	1509	NA	NA
Sub-Total		5471	NA	NA
Wind erosion		0	NA	NA
Total		5471	NA	NA

V. DEMOGRAPHY AND LAND DISTRIBUTION

Details about population is given as table

Key features of population in Table

No	Watershed Name	Area (In Ha)	Total Families	Population			BPL Families	Land holding/Family (In Ha)
				Total	SC	ST		
		5471	4258	19105	2672	7	2245	
1	Mukkada	94	71	312	39	0	40	1.33
2	kuricheri 3	293	223	977	124	0	124	1.31
3	Varakadu 2	1066	882	4065	592	2	433	1.21
4	kunnakai 1	532	438	2020	299	1	218	1.21
5	Kuricheri 2	180	137	601	76	0	76	1.32
6	Thodamchal 2a	312	238	1042	132	0	132	1.31
7	Parapachal	512	365	1602	241	1	198	1.40
8	Thodamchal 1	222	145	638	118	1	76	1.52
9	Thodamchal 2a	375	285	1251	158	0	159	1.31
10	Kuricheri 1	298	235	1055	144	0	125	1.27
11	Kunnakai 2	256	211	974	144	0	105	1.21
12	Bhimanadi 2b	178	147	678	101	0	73	1.21
13	Bhimanadi 2a	116	92	425	66	0	46	1.25
14	Koovatty	1037	789	3461	437	1	440	1.31

VI. LIVELIHOODS

The existing scenario and the opportunities are described in the tables. One more word about capacity building activities. There is tremendous scope of these activities can be organized in the field level in a participatory manner. Of extreme importance is adaptation to climate change. How an effective strategy can be developed is the very question of survival. Then comes the hands on exposure to modern agriculture practices, technologies and machines. Trainings should be imparted in such a manner that new social institutions can be created at grass root level to sustain these initiatives.

Table-PPR 13 Summary of livelihoods

1	2	3	4	5	6
No	**Names of the watersheds**	**Existing livelihood activities**	**Possible livelihood interventions under the project**	**Current status of migration (No. of people)**	**Main reasons for migration**
1	Mukkada	Employment in construction sector, wage labour in semi skilled and unskilled activities, trading etc. are the major livelihood of the poor people now. Middle and upper class are employed in service sector, government and large private enterprises. Agriculture is not the soul income anymore. Agricultural labour is part of the employment of the poor. For the poor families another major chunk is the income from MNREGS . Lower income people also attempt animal husbandry with mixed	Animal husbandry with strong forward and backward linkages and supporting infrastructure and initiatives at the homestead is the main possibility. High yield cows which can be milked in tandem, scientifically constructed cowshed and biogas tank, grass cultivation, training to the concerned, ensuring the availability of milking machines, soft finance, hand holding for the first few years, providing functional insurance etc. are essential for the success of the programme. Food processing at household level using	3	Lack of job opportunities in the agriculture sector due to low productivity and poor income from land. This is inducing the farmer to fallow the land and search for better alternatives. As more and more people move to the urban areas seeking employment, whatever rural economic activities remain gets weakened and faces a gradual demise. Only the people with ensured income or people who are unable to
2	kuricheri 3			10	
3	Varakadu 2			41	
4	kunnakai 1			20	
5	Kuricheri 2			6	
6	Thodamchal 2a			10	
7	Parapachal			16	
8	Thodamchal 1			6	
9	Thodamchal 2a			13	
10	Kuricheri 1			11	
11	Kunnakai 2			10	
12	Bhimanadi 2b			7	
13	Bhimanadi 2a			4	
14	Koovatty			35	
	14			**10**	

VII. EXPECTED PROJECT OUTCOMES

VII. (i). Expected employment related outcomes:

Table-PPR 14: Employment generation

1	2	3										4				
		Wage employment										Self employment				
		No. of man-days in '00 s					No. of beneficiaries					No. of beneficiaries				
No.	Names of the watersheds	SC	ST	Others	Women	Total	SC	ST	Others	Women	Total	SC	ST	Others	Women	Total
1	Mukkada	4	0	61	39	104	4	0	61	39	104	2	0	15	31	49
2	kuricheri 3	12	0	190	122	325	12	0	190	122	325	7	0	48	98	153
3	Varakadu 2	59	0	789	508	1357	59	0	789	508	1357	36	0	197	407	639
4	kunnakai 1	30	0	392	253	675	30	0	392	253	675	18	0	98	202	318
5	Kuricheri 2	8	0	117	75	200	8	0	117	75	200	5	0	29	60	94
6	Thodamchal 2a	13	0	203	130	347	13	0	203	130	347	8	0	51	104	163
7	Parapachal	24	0	311	200	535	24	0	311	200	535	14	0	78	160	252
8	Thodamchal 1	12	0	123	80	215	12	0	123	80	215	7	0	31	64	102
9	Thodamchal 2a	16	0	244	156	416	16	0	244	156	416	9	0	61	125	196
10	Kuricheri 1	14	0	205	132	352	14	0	205	132	352	9	0	51	106	165
11	Kunnakai 2	14	0	189	122	325	14	0	189	122	325	9	0	47	97	153
12	Bhimanadi 2b	10	0	132	85	227	10	0	132	85	227	6	0	33	68	107
13	Bhimanadi 2a	7	0	82	53	142	7	0	82	53	142	4	0	21	43	67
14	Koovatty	44	0	675	433	1151	44	0	675	433	1151	26	0	169	346	541
	14	267	1	3714	2388	6370	267	1	3714	2388	6370	160	0	928	1910	3000

Table-PPR 15: Details of migration from Project area

1	2	3	4	5	6
No	Names of the watersheds	No. of persons migrating	No. of days per year of migration	Major reason(s) for migrating	Expected reduction in no. of persons migrating
1	Mukkada	3	312	Lack of job opportunities in the agriculture and allied sectors. Low productivity and poor income from land. Rural economic activities getting weakened. Weak infrastructure and support services for agriculture. Better livelihoods, Changing life styles.	2
2	kuricheri 3	10	577		9
3	Varakadu 2	41	5000		24
4	kunnakai 1	20	485		15
5	Kuricheri 2	6	601		5
6	Thodamchal 2a	10	615		8
7	Parapachal	16	1971		14
8	Thodamchal 1	6	153		4
9	Thodamchal 2a	13	1251		9
10	Kuricheri 1	11	622		9
11	Kunnakai 2	10	1198		8
12	Bhimanadi 2b	7	163		6
13	Bhimanadi 2a	4	425		3
14	Koovatty	35	2042		26
	14	**10**	**771**		**143**

VII. (ii). Water related outcomes:

Table-PPR 16: Details of average ground water table depth in the project areas

1	2	3	4	5	6
No	Names of the watersheds	Sources	Pre-Project level	Expected post-project level	Remarks
1	Mukkada	Open wells	8	6	This increase will substantially improve the drinking water availability, reduce the drudgery for fetching water and increase the irrigated areas. But substantial steps to improve water and irrigation efficiency through the application of modern and traditional technologies is essential. There must be simultaneous initiatives to reduce the contamination of surface water and ground water from the residues of pesticides and fertilizers, household waste and garbage, poor sanitation facilities, waste from fish/meat stalls, vegetable markets and small teashops in the
		Bore wells	90	72	
		Others - Ponds	6	5	
2	kuricheri 3	Open wells	9	6	
		Bore wells	105	84	
		Others - Ponds	7	6	
3	Varakadu 2	Open wells	7	5	
		Bore wells	95	76	
		Others - Ponds	5	5	
4	kunnakai 1	Open wells	6	4	
		Bore wells	85	68	
		Others - Ponds	4	4	
5	Kuricheri 2	Open wells	7	5	
		Bore wells	100	80	
		Others - Ponds	5	5	
6	Thodamchal 2a	Open wells	8	6	
		Bore wells	115	92	
		Others - Ponds	6	5	
7	Parapachal	Open wells	9	6	
		Bore wells	130	104	
		Others - Ponds	7	6	
8	Thodamchal 1	Open wells	7	5	
		Bore wells	120	96	
		Others - Ponds	5	5	
9	Thodamchal 2a	Open wells	5	4	
		Bore wells	110	88	
		Others - Ponds	3	3	
		Open wells	6	4	

10	Kuricheri 1	Bore wells	125	100	watershed area. Convergence efforts should be launched with other Govt departments and NGO s to achieve this. New agricultural practices like SRI cultivation, drip irrigation and precision farming should be promoted in tandem with high efficiency pumps, piped irrigation water, bio gas tanks etc.
		Others - Ponds	4	4	
11	Kunnakai 2	Open wells	7	5	
		Bore wells	140	112	
		Others - Ponds	5	5	
12	Bhimanadi 2b	Open wells	6	4	
		Bore wells	130	104	
		Others - Ponds	4	4	
13	Bhimanadi 2a	Open wells	7	5	
		Bore wells	145	116	
		Others - Ponds	5	5	
14	Koovatty	Open wells	8	6	
		Bore wells	135	108	
		Others - Ponds	9	8	

Table-PPR 17: Status of Drinking water*

1	2	3		4		5
No	Names of the watersheds	Availability of drinking water (no. of months in a year)		Quality of drinking water		Comments
		Pre project	Expected post project	Pre project	Expected post project	
1	Mukkada	9	10	Turbulence, hardness, high iron and salinity are the major issues observed. High presence of e coli is observed in almost all open wells and ponds.	Reduced concentration of dissolved salts, less incidence of turbulence, a check regarding the saline intrusion, better bacteriological quality etc. are the major expected post project benefits	The issues listed are culled from varies studies conducted in the area by other agencies. There is also a variation in quality issues during different seasons. More primary data generation before the launching of the project is recommended to create a bench mark.
2	kuricheri 3	8	10			
3	Varakadu 2	11	12			
4	kunnakai 1	10	11			
5	Kuricheri 2	7	9			
6	Thodamchal 2a	11	12			
7	Parapachal	9	10			
8	Thodamchal 1	9	11			
9	Thodamchal 2a	8	9			
10	Kuricheri 1	10	11			
11	Kunnakai 2	11	12			
12	Bhimanadi 2b	12	10			
13	Bhimanadi 2a	12	10			
14	Koovatty	13	11			

VII. (iii). Crop related outcomes:

Table-PPR 18- Major crops grown and their productivity in the project area

1	2	3		4	
No	Name of the Crop	Current status		Expected post project status	
		Area (ha)	Productivity (kg/ ha)	Area (ha)	Productivity (kg/ ha)
	Kharif				
	Paddy	28	2166	30	2491

VIII. MANDATORY CERTIFICATION

"It is certified that the State Government of Kerala will abide by the following mandatory conditions laid down by DoLR"

1	The area of the proposed projects are not covered under assured irrigation
2	The area of the proposed project is not covered or overlapping with any other watershed projects sanctioned by the central govt./ state govt./ autonomous bodies & others
3	The State must sign all the mandatory MoUs before implementing the project
4	The timeframes and milestones of the projects will be followed
5	The Budget requested for must follow the criteria laid down in the Common Guidelines, 2008
6	The State must release matching State Share within 15 days from release of each installment of central funds
7	Purchase of vehicles and other equipments are not permitted and nor is construction of buildings allowed. Only purchase of computers and related software is permitted
8	Savings, if any, in each component of the project cost can be utilized only for activities in the Watershed works
9	The DWDU will have one Member exclusively responsible for monitoring
10	All works will be evaluated after each phase of completion. Fund release will depend on favourable reports received from evaluators
11	Evaluators must include only institutions and agencies and not individuals

12	The State and DRDA cell will furnish monitoring reports and periodical reports as desired by DoLR
13	Composition of the WDT must be clearly spelt out and the team Members must be fully in place at the time of signing of the MoU of contract between the PIA and DRDA Cell
14	That DRDA shall release the funds to the PIAs and the watershed committees within 15 days of receipt of the funds
15	The Watershed Committee must be a registered society under the Societies Registration Act, 1860
16	At least one of the WDT Members must be a woman
17	The Gram Sabhas of the proposed project areas have passed resolutions for people's contribution towards WDF
18	Resource-use agreements on the principles of equity and sustainability must be worked out among the User Groups prior to the concerned work being undertaken
19	The DPR must give detailed justification for the proposed project duration
20	No works on private lands will be repaired/ maintained from the WDF
21	The PIA will start project work within three months of the receipt of first installment by DWDU/agency or else it can come under the purview of foreclosure
22	The State will not undertake unnecessary foreclosure of the projects. In the event of foreclosure, the State will refund the amount and furnish all necessary documents as desired by DoLR. The State shall also take administrative and legal action against any defalcation, misappropriation, mis-utilization, deliberate negligence and laxity which has caused foreclosure of the project.

Date:

Signature of officer authorized by State Govt.*

NAME OF OFFICER (IN CAPITAL LETTERS)

DESIGNATION

IX. STATUS OF ON-GOING PROJECTS (DPAP/ DDP/ IWDP)

Table- PPR 19: Details of pending UCs: Statewise* Rs in Lakhs

1	2	3	4	5	6	7	8		9		10	11	
No	District	Project	Instalment no.	Financial year of release of fund	Amount released	Amount utilized	Submission of UC		Date of submission of UC		Reasons for not submitting/ delayed submission of UC	Pending UCs	
							Due date	Amount	Date	Amount		Period	Amount
14	Kasargode												

Table- PPR 20: Details of Unspent balance as on _____: District wise*

1	2	3	4	5		6
No	District	Name of the Project	Total cost (Rs. in lakh)	Total funds released (Rs. in lakh)		Unspent balance (Rs. in lakhs)
				DoLR	State	
14	Kasargode					
	14		**0**	**0**	**0**	**0**

X. ABSTRACT OF PROJECTS PROPOSED FOR SANCTION DURING 2010-11

1	Number of districts to be covered under the present proposal	Thirteen	
2	No. of Watersheds projects proposed to be taken up under IWMP	**Hilly/Desert**	**Others**
3	Total area to be covered under proposed projects (000' ha)		
	(a) Hilly & Desert areas[#]	5.13	
	(b) Others		0.00
	Total	5.13	0.00
4	Total cost of the proposed Watershed projects (Rs. in lakhs)		
	(a) Hilly & Desert areas[#]	769.95	
	(c) Others		0.00
	Total	**769.95**	**0.00**
5	First installment required from central funds for the proposed watershed projects	**138.59**	**0.00**

Project Abstract

1	Title of Project		Integrated Watershed Management Programme in Kasargode	
2	No. of watersheds proposed		**14**	
3	Area proposed		**5133**	**hectares**
4	Project Cost		**769.95**	**in lakhs**
5	a Amount to be met form IWMP		**692.955**	**in lakhs**
	b From other sources		**77.00**	**in lakhs**
6	Designation , address, e-mail and phone number of the officer in ZP/DRDA responsible for this project		Project Director, Poverty Alleviation Unit Kasargode District Panchayat	
		Phone		
		E-mail		

Certificate

Certified that the watershed proposed to be treated in this project does not overlap with any other scheme and there is no duplication of Central/external assistance.

President
District Panchayat
Kasargode

Project Director
Poverty Alleviation Unit
District Panchayat
Kasargode