CHAPTER – I

•	Name of Project:-	Dausa II			
	Macro No:-	6	3	4	8
	Micro No:-	1,2,3,4,6,	1	1	1

•	Table No 1.1.1 :- Project Back ground					
		Digree	Minut		Digree	Minut
	Latitude:-	26	38	To	26	42
	Longitude:-	76	15	To	76	24
	Total Project Area	5876 Hec.				
	Total Project area 5876 Ha is Proposed to be treated under Intrigated Watershed Management Programme.					

•	Location:-		
	Nearest town:-	Lalsot	12-16 Km
	Tehsil:-	Lalsot	12-16 Km
	Dist:-	Dausa	30-35 Km

General Features of Watershed

S.No.		
	Name of Project(as per GOI)	Dausa II
(a)	Name of Catchment	Morel River
(b)	Name of watershed area(local name)	Dungarpur
©	Project Area	5876 Ha.
(d)	Net treatable Area	5876 Ha.
(e)	Cost of Project	705.12 Lacs
(f)	Cost/hectare	12000
(g)	Year of Sanction	2009-10
(h)	Watershed Code	
(i)	No. of Gram Panchayats in project area	4
(j)	No. of villages in project area	29
(k)	Type of Project	Other
(l)	Elevation (metres)	
(m)	Major streams	
(n)	Slope range (%)	> 8%

Macro Micro	Name of Gram Panchayat	Name of Villages Covered	Census code of villages	Area In Ha.
	Gangalywas	Gangalywas	0 1428200	230.15
		Dobla Khurd	0 1428300	473.32
		Naurangpura	0 1427600	184.22
		Charanwas	0 1427400	87.37
		Sawaimadhopura	0 1427500	50.07
		Basra @ Bidarkha	0 1427700	112.32
		Surajpura	0 1428100	149.41
		Kalyawas	0 1427900	54.07
		Barh Kalyawas	_	16.65
		Beejalwas	0 1427300	232.63
		Bhowatpura	0 1427200	88.24
		Barh Bhowatpura	0 1427100	33.32
	Bidarkha	Chak Malyawas	0 1416000	37.62
		Malyawas	0 1416100	532.04
		Chak Sawaimadhopura	0 1428000	47.61
	Dungarpur	Patalwas	0 1422300	158.5
		Chak Patalwas	_	2.88
		Khera Patalwas	_	19.21
		Dholawas	0 1422500	509.86
		Shri Ramchandrapura	0 1418700	126.70
		Arniya Khurd	0 1424300	173.40
		Nehri Jaswantpura	0 1424400	284.29
		Shyampura@Habeebpura	0 1423300	175.67
		Dungarpura	0 1422800	352.47
	Kaluwas	Mohammadpura	0 1434300	510.06
		Gopalpura	0 1417500	266.90
		Chainpura Kalan	0 1416900	159.68
		Kaluwas	0 1417000	549.20
		Gurha Sampatpura	0 1417100	258.14

Climatic & Hydrological Information

1	**Average Annual Rainfall(mm)**			
	Year	Average Annual Rainfall(mm)		
1	2010	1031		
2	2009	407		
3	2008	833		
4	2007	496		
5	2006	589		
6	2005	730		
7	2004	847		
8	2003	613		
9	2002	258		
10	2001	406		
2	**Average Monthly Rainfall (Last Ten years)**			
	Month	Rainfall(mm)		
(i)	June	71.22		
(ii)	July	184.44		
(iii)	August	218.77		
(iv)	September	102.55		
3	**Maximum Rainfall Intensity (mm)**			
	Duration	Rainfall Intensity(mm)		
(i)	15 minute duration	25		
(ii)	30 minute duration	45		
(iii)	60 minute duration	80		
4	**Temperature (Degree C)**			
	Season		Max	Min
(i)	Summer Season		49	26
(ii)	Winter Season		20	2
(iii)	Rainy Season		41	16
5	**Potential Evaporation Transpiration (PET) (mm/day)**			
	Season		PET	
(i)	Summer			
(ii)	Winter			
(iii)	Rainy			
6	**Runoff**			
(i)	Peak Rate (cum/hr)			
(ii)	Total run off volume of rainy season (ha.m.)			
(iii)	Time of return of maximum flood		Last Flood 1983	
(iv)	Periodicity of Drought in village area		2 Years	

Other Development Schemes In The Project Area

S.No	Scheme	Name of the Department	Key Interventions Under the Scheme	Targeted Beneficiaries	Provisions Under the Scheme
1	NREGA	Dep. Gramin vikash & panchayatiraj Vikas	Employment Generation	All Job card holders	One can get 100 days Employment in his G.P.
2	MLA-LAD , MP-LAD,MADA,TFC ,IAYetc.	Dep. Gramin vikash & panchayatiraj Vikas	Village roads,BPL Avas nirman,Distribution of ag. Impiements etc	BPL,SC,ST & village community	Subsidy for poors
3	Woman & Child Health Dev. Scheme	ICDS	provide richnutrition foods for children & women	Poor children agegroup of 3-5 ,adultgirls & pregnant women.	Nutritioos food
4	Installation of Handpumps & Estd. of single point borewell with submersible pumpset	PHED	Pure water availability	All villagers	Avail pure drinking water
5	Antyoday,Annpurna,BPL & APL Rasad Distribution	रसद विभाग	Distributon of food materials like Oil,Sugar Grain etc. at minimum cost.	BPL,SC,ST & village community	APL,BPL can get at minimum cost all necessary food items

Details Of Infrastructure In The Project Areas

Parameters		Status			
(i)	No. of villages connected to the main road by an all-weather road	24			
(ii)	No. of villages provided with electricity	21			
(iii)	No. of households without access to drinking water	752			
(iv)	No. of Educational institutions :	(P)	(S)	(HS)	(VI)
	Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ Vocational Institution(VI)	39	3	0	1
(v)	No. of villages with access to Primary Health Centre	4 to 8 Km. away from W/S area			
(vi)	No. of villages with access to Veterinary Dispensary	3			
(vii)	No. of villages with access to Post Office	29			
(viii)	No. of villages with access to Banks	6			
(ix)	No. of villages with access to Markets/ mandis	5 to 10 Km away from W/A area			
(x)	No. of villages with access to Agro-industries	Nil			
(xi)	Total quantity of surplus milk	484 Lit.			
(xii)	No. of milk collection centres	(U)	(S)	(PA)	(O)
	(e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	2	2	6	0
(xiii)	No. of villages with access to Anganwadi Centre	24			
(xiv)	Any other facilities with no. of villages (please specify)				
(xv)	Nearest KVK	Krishi Vigyan Kendra Dausa			
(xvi)	Co-Operative society	1			
(xvii)	NGOs	4			
(xviii)	Credit institutions				
	(i) Bank	P.N.B Dungarpur			
	(ii) Cooperative Society	Cooperative Society Dungarpur			
(xix)	Agro Service Centre's	Nil			

CHAPTER – II

Socio Economic Features, Problems & Scope

Table 2.1 **Population & Household Details:**

Total Population

Male	Female	Total	SC	ST
9337	8550	17887	3564	9993

Household Details

BPL Household	L. Less	Small Farmer	M. Farmer	Total Household	SC Household	ST Household
766	98	1422	634	2369	452	1450

Table 2.2 **Development Indicators**

S. No.	Development Indicators	State	Project Area
1	Per capita Income (Rs.)	16260	15300
2	Poverty Ratio	0.22	0.25
3	Literacy (%)	0.604	0.401
4	Sex Ratio	921	952
5	Infant Mortality Rate	12	16
6	Maternal Mortality Ratio	5	9

The Table Indicates Poor Socio Economic Conditions.

Table 2.3 **Land Use**

Total Area In Ha.

Land Use	Private	Panchayat	Government	Community	Total
Agriculture Land	4492	26	0	0	4518
Temporary Fallow	858	16	0	0	874
Permanent Fallow	551	10	1200	0	1761
Cultivated Rainfed	650	0	0	0	650
Cultivated Irrigated	2259	0	0	0	2259
Net Sown Area	3109	0	0	0	3109
Net Area Sown more than once	3109	0	0	0	3109
Forest Land	0	0	0	0	0
Waste Land	200	0	166	0	366
Pastures	0	152	0	0	152
Others	0	0	0	0	0

Institutional arrangements (SLNA,DWDU,PIA,WDT,WC, Secretary)

DWDU Details

1	2	3
S.No	**Particulars**	**Details of DWDU**
1	PM ,DWDU	G.D. Sharma, Executive Engineer (LR) Zila Parishad Dausa.
2.	Address with contact no., website	9414063612
3.	Telephone	01427-230532
4.	Fax	01427-230532
5.	E-mail	Pd-dau-rj@nic.in

PIA Particulars

1	2	3
S.No	**Particulars**	**Details of PIA**
1	Name of PIA	Ashok Soni
2	Designation	Assistant Engineer (LR) Panchayat samiti Lalsot
3	Address with contact no., website	Behind Adars vidhha mandir,Adarsh colony Agra road Dausa,9414273446
4	Telephone	01431-260023
5	Fax	01431-260023
6	E-mail	ashutosh.469@gmail.com

WDT Particulars:

1	2	3	4	5	6	7	8
S.No	Name of WDT Member	M/F	Age	**Qualification**	Experience in Watershed(Yrs)	Description of Professional Training	Role/ Function
1	Ashutosh Sharma	M	42	B.E. (Ag.)	14 Years		Engineering
2	Kishan Lal Meena	M	26	Msc. (Ag.)	Nil	Capacity Building 15days	Agriculture
3	Ramu Lal Sain	M	62	Retd. (V.A)	Nil	Capacity Building 15days	Veternary
4	Sunita Sharma	F	46	B.A. Sociology	Nil	Capacity Building 15days	Social Activities

Table2.4 .a Agriculture , Horticulture Status & Fuel Availability.

S.No.	Season	Crop Sown	Rainfed				Irrigated				Total	
			Varieties	Area Ha.	Production Ton	Productivity Kg/ha.	Varieties	Area Ha.	Production Ton	Productivity Kg/ha.	Area Ha.	Production Ton
1	Kharif	Bajra	Raj-173	460	220	480	Pioneer-86	125	80	640	585	300
		Groundnut	GG-10	175	70	400	GG-20	695	333	485	870	403
		Udad	Krishna	25	4	160	T-9	25	8	320	50	12
		Moong	K-851	185	5	161	K-851	185	9	360	370	14
		Til	RT-46	150	36	240	RT-46	140	42	300	290	78
2	Rabi	Mustard	Taramira	300	48	160	Mustard	550	352	640	850	400
		Gram	RS-10	105	16.8	160	RS-20	190	106.4	480	295	123.2
		Alsi	–	–	–	–	Alsi	25	6	240	25	240
3	Zaid	Moong	–	–	–	–	Pusa - Baisakhi	48	19.2	400	48	400
		Udad	Krishna	25	4	160	T-9	25	8	320	50	12

Table 2.4 .b Abstract Of Cropped Area(Ha)	
Area Under Only Single Crop	650
Area Under Only Double Crop	1560
Area Under Only Multiple Crop	285

Crop Rotation For Dausa II Project	
Bajra	Wheat
Bajra	Fallow
Moong	Mustered
Maize	Mustered
Fallow	Barley
Fallow	Wheat
Groundnut	Wheat

The table 2.4 a shows that only 1560 ha is (26.5%) is double cropped area. Also the crop rotation shows that fallow lands are there. This indicates that there is scope for change in crop rotation in fields where there are fallow lands through Soil and Water conservation measures, crop demonstration and diversification in agriculture.

Soil and Water conservation measures besides putting fallow lands under cultivation can change the area under single cropping to double and multiple cropping.

Table 2.4.c Productivity Gap Analysis					
Productivity kg/ha					
Name of the crop	Highest Average in India	Highest Average in Rajasthan	Highest Average of Agro climatic zone	Highest Average in District	Project Area
Bajara	960	960	800	640	480
Groundnut	960	640	560	560	512
Moong	800	640	560	480	448
Wheat	2400	2080	1920	1760	1280
Mustard	1120	1120	960	800	640
Gram	800	640	560	480	464
Barley	2560	2240	2000	1920	1760

Analysis of the above table indicate that besides national gap there is wide gap in productivity within state and even within same agro climatic zones.

The reasons for this variation are :-

- The farmers are using varieties RJ-173 of Bajra whereas the recommended varieties like Pioneer-86 provide 800Kg/Ha. yield And same for other all crops.
- Lack of Availability of good quality seeds of desired crop and variety in adequate quantities and time to the farmers.
- Availability of water for cultivation(50 % is irrigated table-)

The productivity gap and reasons of it indicate potential to increase the productivity through crop demonstration .Crop demonstrations would be carried out on improved crops/ varieties, improved agronomic practices. INM, IPM, Mixed cropping, distribution of fodder seed mini kit. Demonstration of improved methods and economics of fodder crops cultivation and also distribution foundation seeds of Forage Crops for further multiplication, introduction of fodder crops in the existing crop rotations.

Table 2.5 Existing Area Under Horticulture,Vegetables & Floriculture (ha)					
Activity	**Area**	**Species**	**Varieties**	**Recommended varieties**	**Production**
	10	Lemon	Barahmasi	Kagji	13850 Kg.
	1	Pomegranate	Ganesh	Arakta & Bhagva	450 Kg.
Horticulture	20	Amla	Krishna	Na-7,10	17650 Kg.
	30	Tomato	Arka vikash,kS-2,Pusa rubi	Pusa hybrid 1,2,4	9500 Kg.
	15	Chilli	Mathaniya local	Pusa Jwala,Pant c-1	3500 Kg.
Vegetables	10	Ladyfinger	Ajad kranti,Parbhani	Selection-1	8500 Kg
	0.1	Rose	Desi	Ganganagari Red	35 Kg.
	0	Gainda	Desi	Bulgariya	0
Floriculture	0.2	Hazara	Desi	PV-2	750 Kg.
	0.1	Ashvgandha	Kali nabal	Jodhpuri	125 Kg.
Medicinal Plants	0.1	Tulsi	Desi	Kali	25 Kg.

Table 2.6	**Land Holding Pattern In Project Area**							
		Land holding (ha) irrigation			Land holding (ha)Social group wise			
Type of Farmer	Total Households	Irrigated (Source)	Rainfed	Total	General	SC	ST	OBC
(i) Large farmer	215	445	400	845	152	127	423	144
(ii) Small farmer	1440	800	750	1550	279	233	775	264
(iii) Marginal farmer	616	670	589	1259	227	189	630	214
(iv) Landless person	98	0	0	0	0	0	0	0
(V) No. of BPL households	766	303	180	483	87	72	242	82
Total	3135	2218	1919	4137	745	621	2069	703

Table 2.10	NREGA Status - No. of Card Holder, Activities Taken So Far & Employment Status.			
S. No.	Name of village	Total No .of Job Cards	Employment Status	Activity taken up so far
1	Gangalywas	215	10 to 30 % Job card holder completed their 100 days. 60 % Job card holder completed their 50-80 days.	Eardhen check dam,Gravel roads ,Talai nirman etc.
2	Dobla Khurd	200		
3	Naurangpura	195		
4	Charanwas	75		
5	Sawaimadhopura	58		
6	Basra @ Bidarkha	50		
7	Surajpura	120		
8	Kalyawas	12		
9	Barh Kalyawas	–		
10	Beejalwas	196		
11	Bhowatpura	75		
12	Barh Bhowatpura	–		
13	Chak Malyawas			
14	Malyawas			
15	Chak Sawaimadhopura			
17	Patalwas	167		
18	Chak Patalwas	–		
19	Khera Patalwas	–		
20	Dholawas	511		
21	Shri Ramchandrapura	132		
22	Arniya Khurd	66		
23	Nehri Jaswantpura	185		
24	Shyampura@Habeebpura	40		
25	Dungarpura	417		
26	Mohammadpura	281		
27	Gopalpura	301		
28	Chainpura Kalan	–		
29	Kaluwas	374		
	Gurha Sampatpura	122		

Table 2.11 Migration Details

Name of village	No. of persons migrating	No. of days per year of migration	Major reason(s) for migrating	Distance of destination of migration from the village (km)	Occupation during migration	Income from such occupation (Rs. in lakh)
Gangalywas	54	100 to 200	**Unemployment, poverty Better Income**	Devli, Sawansa, Lalsot,Delhi, Bombay	Mistri ,Labour, Carpertery, Private service, Paldari	8.10
Dobla Khurd	50					7.50
Naurangpura	49					7.35
Charanwas	19					2.85
Sawaimadhopura	15					2.25
Basra @ Bidarkha	13					1.95
Surajpura	30					4.50
Kalyawas	3					0.45
Barh Kalyawas	_					_
Beejalwas	49					7.35
Bhowatpura	19					2.85
Barh Bhowatpura	_					_
Chak Malyawas	2					0.30
Malyawas	16					2.40
Chak Sawaimadhopura	4					0.60
Patalwas	42					6.30
Chak Patalwas	_					_
Khera Patalwas	_					_
Dholawas	128					19.20
Shri Ramchandrapura	33					4.95
Arniya Khurd	17					2.55
Nehri Jaswantpura	46					6.90
Shyampura@Habeebpur	10					1.50
Dungarpura	104					15.60
Mohammadpura	70					10.50
Gopalpura	75					11.25
Chainpura Kalan	_					_
Kaluwas	94					14.10
Gurha Sampatpura	31					4.65

The migration can be checked by creation of employment opportunities, enhancing farm level economy, increases the income of the people engaged in animal husbandry by dairy, poultry and marketing and value addition. (As discussed earlier) and diversification in livelihoods .

The Existing Livelihoods Village are given below

Table 2.12 (a) Major activities (On Farm)

Name of activity	No of House holds	Average annual income from the
cultivators	1210	30250000
Dairying	210	7560000
Poultry	0	0
Piggery	12	15000
Landless Agri. Labourers	48	576000

Table 2.12(b) Major activities (Off Farm)

Name of activity	Households/individuals	Average annual income from the
Artisans	48	2400000
Carpenter	30	1500000
Blacksmith	12	600000
Leather Craft	8	400000
Porter	35	250000
Mason	150	7500000
Others specify (Cycle Repair ,STD,Craft etc)	156	7800000

The efforts for increase in income through off farm activities will be made under livelihood component through assistance to SHG or individuals.

Table 2.13(a) Status of Existing SHG								
S.No	Name of SHG	Members	Activity involved	Monthly income	Fund available	Assistance available	Source of assistance	Training received
1	Balaji self help group	12	Small saving	Nil	545	Nil	ICDS	Not Yet
2	Jai Bheru self help group Dungarpur	10	Small saving	Nil	1022	Nil	ICDS	Not Yet
3	Jai Shanker self help group Shyampura @ Habibpura	11	Small saving	Nil	967	Nil	ICDS	Not Yet
4	Payal self help group Dungarpur	15	Small saving	Nil	1261	Nil	ICDS	Not Yet
5	Byaimata self help group Patalwas	12	Small saving	Nil	926	Nil	ICDS	Not Yet
6	Bajarangbali self help group Dholawas	10	Small saving	Nil	852	Nil	ICDS	Not Yet
7	Om namah sivay self help group Arniyakhyrd	12	Small saving	Nil	965	Nil	ICDS	Not Yet
8	Devnarayan self help group Nehri jasvantpura	10	Small saving	Nil	880	Nil	ICDS	Not Yet
9	Vaisnodevi self help group patalwas	14	Small saving	Nil	1052	Nil	ICDS	Not Yet
10	Kiran self help group Dholawas	12	Small saving	Nil	1121	Nil	ICDS	Not Yet
11	Shanti self help group Dholawas	14	Small saving	Nil	998	Nil	ICDS	Not Yet
12	Shiv Bhole self help group Dholawas	14	Small saving	Nil	1022	Nil	ICDS	Not Yet
13	Basic self help group Bidarkha	10	Small saving	Nil	1652	Nil	ICDS	Not Yet
14	Jai Hanuman self help group Bijalwas	12	Small saving	Nil	833	Nil	ICDS	Not Yet
15	Pachvara self help group Dobla khurd	12	Small saving	Nil	956	Nil	ICDS	Not Yet
16	Jai Shiv self help group Gangalywas	11	Small saving	Nil	980	Nil	ICDS	Not Yet
17	Sonu self help group Kaluwas	12	Small saving	Nil	1122	Nil	ICDS	Not Yet
18	Jai Ambe self help group Mohammadpura	10	Small saving	Nil	880	Nil	ICDS	Not Yet
19	Chetak self help group Gudha sampatpura	15	Small saving	Nil	1623	Nil	ICDS	Not Yet
20	Girja self help group Gopalpura	12	Small saving	Nil	880	Nil	ICDS	Not Yet
21	Golu self help group Sri Ramchandrapura	10	Small saving	Nil	962	Nil	ICDS	Not Yet
22	Jagrati self help group Nourangpura	14	Small saving	Nil	850	Nil	ICDS	Not Yet
23	Jai Jagdish self help group Charanwas	14	Small saving	Nil	955	Nil	ICDS	Not Yet

The table indicates existence of number of groups in the area also need to be strengthened through trainings and financial assistance.

II.	Technical Features					
	Table 2.14 Ground Water					
S.No	Source	No.	Functional depth	Dry	Area irrigated	Water availability(days)
(i)	Dug wells	144	110 Feet	144	0	0
(ii)	Shallow tube wells	252	111 Feet	120	650 Ha.	365
(iii)	Pumping sets	0	0	0	0	0
(iv)	Deep Tube Wells	172	400 Feet	0	1352 Ha.	365
	Total	568		264	2002	

Table 2.15 Availability of Drinking Water

S.No	Name of the village	Drinking water requirement Ltrs/day	Present availability of drinking water Ltrs/day	No. of drinking water sources available	No. functional	No. requires repairs	No. defunct
1	Gangalywas	111240	55620	86	21	11	64
2	Dobla Khurd	102240	51120	79	20	10	59
3	Naurangpura	69120	34560	53	13	7	40
4	Charanwas	50400	25200	39	10	5	29
5	Sawaimadhopura	26520	13260	20	5	3	15
6	Basra @ Bidarkha	33720	16860	26	6	3	19
7	Surajpura	65640	32820	50	13	6	38
8	Kalyawas	7320	3660	6	1	1	4
9	Barh Kalyawas	_	_	_	_	_	_
10	Beejalwas	104640	52320	80	20	10	60
11	Bhowatpura	37080	18540	29	7	4	21
12	Barh Bhowatpura	2760	1380	2	1	0	2
13	Chak Malyawas	8040	4020	6	2	1	5
14	Malyawas	44400	22200	34	9	4	26
15	Chak Sawaimadhopura	24000	12000	18	5	2	14
16	Patalwas	75480	37740	58	15	7	44
17	Chak Patalwas	_	_	_	_	_	_
18	Khera Patalwas	_	_	_	_	_	_
19	Dholawas	260640	130320	200	50	25	150
20	Shri Ramchandrapura	62880	31440	48	12	6	36
21	Arniya Khurd	45000	22500	35	9	4	26
22	Nehri Jaswantpura	89040	44520	68	17	9	51
23	Shyampura@Habeebpur	29520	14760	23	6	3	17
24	Dungarpura	171480	85740	132	33	16	99
25	Mohammadpura	159360	79680	123	31	15	92
26	Gopalpura	174960	87480	135	34	17	101
27	Chainpura Kalan	1440	720	1	0	0	1
28	Kaluwas	203040	101520	156	39	20	117
29	Gurha Sampatpura	90720	45360	70	17	9	52

Table 2.16 Water Use efficiency

Name of major crop	Area (Hectare)			
	Through Water Saving Devices(Drip/Sprinklers)	Through Water Conserving Agronomic Practices	Any Other (pl. specify) Pipes	Total
Wheat	152	300	490	942
Mustard	202	150	250	602
Gram	25	40	95	160

- The tables above indicate need for judicious use of available Water.
- Encouraging optimum use of water through installation of sprinklers on every operational wells .

Table 2.17 Slope Details.		
Slope of Watershed		
S.No.	Slope percentage	Area in hectares
1	0 to 3%	
2	3 to 8%	
3	8 to 25%	
4	> 25%	

As most of the area has slope less than 3% construction of contour bunds can solve the problem of water erosion in agriculture fields and protect washing of top soil and manures/fertilisers

Table 2.18Water Budgeting

Table (2.18 a)Total Available Runoff(cum) Use Stranges Table

Area	Type of Catchment	Yield of runoff from catchment per ha.(cum.) use Stranges table	Total Runoff
	Total		

Table (2.18 b) Details of Already Stored Runoff(Surface Water Structures

S.No.	Name	No.	Storage Capacity (cum)	Area Irrigated (ha)
(i)	Major Irrigation Project			
(ii)	Medium Irrigation Project			
(iii)	Form Ponds/Tanks			
(iv)	Anicuts			
	Total			

Table(2.18 c) Balance Available Runoff (cum)

Total Run Off	Net Tapped Runoff	Balance Run off	Available for Harvesting (0.75*
1	**2**	3	4
Total of Table 2.22 a	**Table 2.22 b**	(2-1)	0.75*3

The water budgeting indicates potential for water harvesting in the area

Table 2.19 Soil Details		
Soil Profile		
A	Major Soil Classes	Area in hectares
1	Sandy Loam	5200
2	Moderate	476

Soil Depth :		
B	Depth (Cms.)	Area in hectares
1	0.00 to 7.50	_
2	7.50 to 45.00	_
3	> 45.00	5876

C	Soil fertility Status	Kg/ha	Recommended
	N	>200	280
	P	13 -50	23-56
	K	102-450	142-337
	Micronutrients	PPM	
	Zn	>0.6	1
	Copper	<1	1
	Mg.	<2	2

The analysis of table shows need to improve and maintain soil fertility. Soil health card to every farmer every crop season will be provided, which will include the recommendation for Application micro nutrient and fertilizers

Table 2.20 Erosion Details

Erosion Status In Project Area				
S.No.	Type of Erosion	Area Affected (ha)	Run Off(mm/ year)	Average Soil Loss (Tonnes/ ha/ year)
Water erosion				
a	Sheet	800	40	1.20
b	Rill	750	52	1.90
c	Gully	810	82	2.10
Sub-Total				
Wind erosion		540	–	0.85
Total For Project				

The need is:

- To check land degradation .
- To reduce excessive biotic pressure by containing the number and increase of livestock.
- To check cultivation on sloping lands without adequate precautions of soil and water conservation measures.
- To discourage cultivation along susceptible nallah beds.
- To check Faulty agriculture techniques.
- To check Uncontrolled grazing and developed cattle tracks.
- To check Deforestation of steep slopes.
- To check erosive velocity of runoff, store Runoff, to arrest silt carried by runoff and to recharge Ground Water structures life Earthen check dams, gully plugs, Bank Stabilisation, Loose stone check Dams, Gabions, Earthen embankment (Nadi) and Anicuts would be taken up.

CHAPTER – VI

1	2		3	4	5	6
S. No.	Item		Unit of measurement	Pre-project Status	Expected Post-project Status	Remarks
1	Status of water table (Depth to Ground water level)		Meters	34	30	
2	Ground water structures repaired/ rejuvenated		No.	32	250	
3	Quality of drinking water		Description	Floraid traced 325 TDS	Clear clean water under 150 TDS	
4	Availability of drinking water		Description	75 % Dry Hand pump		
5	Change in irrigated Area		Ha	2169	3000	
6	Change in cropping/ land use pattern		Description	Only 285 Ha. Area under multple crop	Increasing in multicrop pattern by 20%	
7	Area under agricultural crop		Ha			
	I	Area under single crop	Ha	650	780	
	Ii	Area under double crop	Ha	1560	1872	
	Iii	Area under multiple crop	Ha	285	342	
8	Change in cultivated Area		Ha	2169	3000	
9	yield of major crops of area					
	Yield of Bajra		q/ha	4.80	5.28	
	Yield of Wheat		q/ha	12.80	14.08	
	Yield of Gram		q/ha	3.20	3.84	
	Yield of Mustard		q/ha	4.80	5.52	
10	production of major crops of area					
	Production of Bajra		ton	240	288	
	Production of Wheat		ton	832	998	
	Production of Gram		ton	64	76.8	
	Production of Mustard		ton	336	403.2	
11	Area under vegetation		Ha	256	550	

12	Area under horticulture	Ha	25	100	
13	Area under fuel	Ha	120	360	
14	Area under Fodder	Ha	3200	4000	
15	Fodder production	Q	11560	15880	
16	Milk production	Litres/day	4500	9000	
17	SHGs Active	No.	0	50	
18	No. of livelihoods	No.	4	10	
19	Income	Rs.in la	0.15	0.45	
20	Migration	No.	3250	750	
21	SHG Federations formed	No.	0	4	

CHAPTER -IV

Activitywise Total Abstract of Cost

Activity	Unit	Quantity	Unit cost	Total cost	Cost from Project Fund	Convergence Fund
(A)	**Preparatory Phase Activities, Capacity Building ,Trainings & E**					
Admn.				70.51	70.51	
Monitoring				7.05	7.05	
Evaluation				7.05	7.05	
EPA				28.20	28.20	
I & CB				41.61	35.26	6.35
DPR				7.05	7.05	
(B)	Natural Resource Management					
	Conservation Measures for Arable Land					
Gully control structures		42		130.45	42.31	88.14
Gully control structures with masonary wasteweir		85		84.61	84.61	
Masonary wasteweir		85		84.61	84.61	
	Conservation Measures for Non Arable Land					
V - dich (Ha)		176		6.346	6.346	
Pasture Development		176		53.591	35.961	17.63
	Drainage line treatment					
MMS		68		67.69	67.69	
Water Harvesting Structure with wasteweir		34		98.54	67.69	30.85
Repairing of Existing Structure with wasteweir		34		33.85	33.85	
	Production System & Micro Enterprise					
Horticulture plantation,Floriculture & Agro forestry		86414		81.09	42.31	38.78
Vermi compost (Organic Farming)		235		14.10	14.10	
Crop Demostration		1410		66.63	14.10	52.53
Micro Enterprise (dairy,poultry,lacal artisans/crafts & food processing)				35.26	35.26	
Consolidation				21.15	21.15	
Animal Health Camps				1.06		1.06
Subsidies thr. Various Insurances schemes				15.16		15.16
A.I. & Castrations				7.05		7.05
G.TOTAL				962.66	705.11	257.55

*Tentative and will vary during execution according to beneficiary

Chapter III Proposed Development Plan

(A)	Preparatory Phase Activities Capacity Building Trainings & EPA																								
Activity	W/C Charanwas			W/C Gangalywas			W/C Dholawas			W/C Nehri jaswantpura			W/C Malawas			W/C Mahammadpura			W/C Kaluwas			W/C Dungarpur			
	No	Unit Cost	Total Cost	No	Unit Cost	Total Cost	No	Unit Cost	Total Cost	No	Unit Cost	Total Cost	No	Unit Cost	Total Cost	No	Unit Cost	Total Cost	No	Unit Cost	Total Cost	No	Unit Cost	Total Cost	Total Cost
Admn.			9.60			10.80			8.40			9.12			7.20			12.00			9.60			3.792	70.512
Monitoring			0.96			1.08			0.84			0.912			0.72			1.20			0.96			0.3792	7.0512
Evaluation			0.96			1.08			0.84			0.912			0.72			1.20			0.96			0.3792	7.0512
EPA			3.84			4.32			3.36			3.648			2.88			4.80			3.84			1.5168	28.205
I & CB			4.80			5.40			4.20			4.56			3.60			6.00			4.80			1.896	35.256
DPR			0.96			1.08			0.84			0.912			0.72			1.2			0.96			0.3792	7.0512
Total (A)			21.12			23.76			18.48			20.06			15.84			26.40			21.12			8.34	155.1264
(B)	**Natural Resource Management**																								
Conservation Measures for (Arable Land)																									
Gully control Str.	10		4.80	8		6.40	12		4.20	8		4.36	7		3.60	12		6.00	9		4.80	3		1.376	35.536
Gully control Str.with masonary waste weir	12		12.00	13		13.00	10		10.50	11		11.50	9		9.00	15		15.00	12		12.00	5		5.00	88.00
Masonary waste weir	12		12.00	13		13.00	10		10.50	11		11.50	9		9.00	15		15.00	12		12.00	5		5.00	88.00
Conservation Measures for (Non Arable Land)																									
V - dich (Ha.)	25		1.35	25		1.35	25		1.35	25		1.35	0	0	0	50		2.70	25		1.35	0	0	0	9.45
Ditch cum Bund Fencing (Ha.)	25		1.08	25		1.08	25		1.08	25		1.08	0	0	0	50		2.16	25		1.08	0	0	0	7.56
Water Harvesting Structure with wasteweir	9		13.00	10		14.97	7		11.00	8		12.45	7		10.80	11		16.14	9		13.00	4		6.00	97.36
Repairing of Existing WHS and cons. Of Pucca wasteweir	9		13.37	10		15.00	7		11.77	9		12.48	7		10.80	10		15.00	9		13.37	4		5.376	97.166
Total (B)			57.60			64.80			50.40			54.72			43.20			72.00			57.60			22.75	423.07
(C)	**Production System & Micro Enterprise**																								
Production Measures for Arable Land																									
Horticulture plantation	30		6.00	30		6.00	25		5.00	30		6.00	30		6.00	30		6.00	30		6.00	20		4.00	45.00
Vermi compost(Organic Farming)	15		1.50	15		1.50	15		1.50	15		1.50	20		2.00	30		3.00	20		2.00	10		1.00	14.00
Crop Demostration	50		0.50	50		0.50	50		0.50	50		0.50	50		0.50	60		0.60	50		0.50	30		0.30	3.90
Production measures for non arable land Pasture Dev.	25		2.82	25		2.82	25		2.82	25		2.82	0		0	50		5.64	25		2.82	0		0	19.74
Micro Enterprise			3.58			5.38			2.78			2.86			2.30			2.76			3.08			0.388	23.13
Total (C)			14.40			16.20			12.60			13.68			10.80			18.00			14.40			5.69	105.77
(D)	**Consolidation**																								
(D) Consolidation			2.88			3.24			2.52			2.736			2.16			3.60			2.88			1.1376	21.15
Grand Total			**96.00**			**108.0**			**84.00**			**91.20**			**72.00**			**120.0**			**96.00**			**37.92**	**705.12**

Action plan prepaired on the basis of SRSAC contour mep of area & field visit in PRA . It dovelopment on need & demand basis.

The PRA Exercise was Carried Out In all The Villages on the dates shown below:		
S.No	Name of the Village/Habitation	Period on which PRA Conducted
1	Gangalywas	19.07 to 20.07.2011
2	Dobla Khurd	15.07 to 18.07.2011
3	Naurangpura	12.07 to 14.07.2011
4	Charanwas	25.07 to 26.07.2011
5	Sawaimadhopura	26.05 to 28.05.2011
6	Basra @ Bidarkha	30.05 to 02.06.2011
7	Surajpura	21.07 to 23.07.2011
8	Kalyawas	22.06 to 21.06.2011
9	Barh Kalyawas	09.07 to 11.07.2011
10	Beejalwas	03.06 to 10.06.2011
11	Bhowatpura	13.06 to 16.06.2011
12	Barh Bhowatpura	17.06 to 18.06.2011
13	Chak Malyawas	02.04 to 04.043.2011
14	Malyawas	30.03 to 05.03.2011
15	Chak Sawaimadhopura	06.04 to 11.04.2011
16	Patalwas	04.05 to 09.05.2011
17	Chak Patalwas	02.05 to 03.05.2011
18	Khera Patalwas	29.04 to 30.04.2011
19	Dholawas	21.04 to 28.04.2011
20	Shri Ramchandrapura	10.05 to 13.05.2011
21	Arniya Khurd	21.05 to 25.05.2011
22	Nehri Jaswantpura	16.05 to 20.05.2011
23	Shyampura@Habeebpura	27.07 to 29.07.2011
24	Dungarpura	13.04 to 20.04.2011
25	Mohammadpura	09.03 to 15.03.2011
26	Gopalpura	07.03 to 8.03.2011
27	Chainpura Kalan	26.02 to 5.03.2011
28	Kaluwas	16.03 to 22.03.2011
29	Gurha Sampatpura	23.03 to 29.03.2011

Transact walk were carried out involving the community for Social mapping, Resource mapping. Detailed discussions and deliberations with all the primary stakeholders were carried out.

Socio-economic survey was carried out during 26.02 to29.07.2011 period covering all the households and primary data on demography, Land holdings, Employment status, Community activities etc. was collected as mentioned in chapter 2.

State remote sensing department was assigned the work of preparing various thematic layers using Cartosat-1 and LISS-3 imageries for Creation, development and management of geo-spatial database depicting present conditions of land (terrain), water and vegetation with respect to watershed under different ownerships at village level

Various thematic layers provided by SRSAC are :

- Delineation of Macro/Micro watershed boundaries.
- Digitised Khasara maps of the villages falling in project area.
- Network of Drainage lines, existing water bodies, falling in the project area.
- Base maps (transport network, village/boundaries, and settlements).
- Land Use / Land cover map.
- Contours at 1 meter interval, slope map

Based on GIS thematic layers, Field visits , PRA and analysis of benchmark data (as discussed in chapter 2) final Treatment plan on revenue map for implementation has been framed. Thus each intervention identified has been marked on revenue map The GIS based intervention map, PRA based intervention map .

CHAPTER - III
Proposed Development Plan

(A) Preparatory Phase Activities Capacity Building Trainings & EPA

The IEC activities like Kalajathas, Group meetings, door to door campaign, slogans and wall writings etc. were carried out in all the habitations of Dausa II Micro Watershed. A series of meetings were conducted with GP members, community and discussed about the implementation of IWMP programme. User groups were also formed.

Grama Sabhas were conducted for approval of EPA (Village), for selecting the watershed committee and approval of DPR.

S.No	Name of the Gram Panchayat	Date on which Grama Sabha approved EPA
1	Gangalywas	20.03.2010
2	Dungarpur	17.03.2010
3	Bidarkha	26.01.2011
4	Kaluwas	14.07.2011

S. No.	Names of Village	Amount Earmarked for EPA	Entry Point Activities Planned	Estimated Cost	Expenditure Incurred	Balance	Expected Outcome	Actual Outcome
1	Gangalywas	1.50	Water Tank,Hand pump	1.50	1.50	0.00	Availablity of drinking water & lighting in village area	Availablity of drinking water & lighting in village area
2	Dobla Khurd	1.87	Water Tank,Hand pump	1.87	1.87	0.00		
3	Naurangpura	0.75	Hand pump	0.75	0.75	0.00		
4	Charanwas	0.79	Water Tank	0.79	0.79	0.00		
5	Sawaimadhopura			0.00	0.00	0.00		
6	Basra @ Bidarkha	0.75	Water Tank	0.75	0.75	0.00		
7	Surajpura	0.75	Hand pump	0.75	0.75	0.00		
10	Beejalwas	1.41	Water Tank,Hand pump	1.41	1.41	0.00		
11	Bhowatpura	0.75	Hand pump	0.75	0.75	0.00		
13	Chak Malyawas	0.74	Hand pump	0.74	0.74	0.00		
14	Malyawas	1.50	Water Tank,Hand pump	1.50	1.50	0.00		
15	Chak Sawaimadhopura	0.73	Water Tank	0.73	0.73	0.00		
16	Patalwas	0.76	Water Tank	0.76	0.76	0.00		
19	Dholawas	2.55	Solar street light & Water Tank	2.55	2.55	0.00		
20	Shri Ramchandrapura	0.70	Water Tank	0.70	0.70	0.00		
21	Arniya Khurd	0.83	Water Tank	0.83	0.83	0.00		
22	Nehri Jaswantpura	1.36	Water Tank	1.36	1.36	0.00		
23	Shyampura@Habeebpura	0.75	Water Tank	0.75	0.75	0.00		
24	Dungarpura	1.69	Solar Street Light	1.69	0.50	1.19		
25	Mohammadpura	2.45	Water Tank,Hand pump	2.45	2.45	0.00		
26	Gopalpura	2.06	Water Tank,Hand pump	2.06	2.06	0.00		
27	Chainpura Kalan	0.75	Water Tank	0.75	0.75	0.00		
28	Kaluwas	2.40	Water Tank,Hand pump	2.40	2.40	0.00		
29	Gurha Sampatpura	2.25	Water Tank,Hand pump	2.25	2.25	0.00		

CHAPTER – VI

EXPECTED OUT COMES

1	2	3	4	5	6
S. No.	Item	Unit of Measurement	Pre-project Status	Expected Post-project Status	Remarks
1	Status of water table (Depth to Ground water level)	Meters			
2	Ground water structures repaired/ rejuvenated	No.			
3	Quality of drinking water	Description			
4	Availability of drinking water	Description			
5	Change in irrigated Area	Ha			
6	Change in cropping/ land use pattern	Description			
7	Area under agricultural crop	Ha			
i	Area under single crop	Ha			
ii	Area under double crop	Ha			
iii	Area under multiple crop	Ha			
8	Change in cultivated Area	Ha			
9	yield of major crops of area				
i	Yield of Bajra	q/ha			
ii	Yield of Wheat	q/ha			
iii	Yield of Gram	q/ha			
iv	Yield of Mustard	q/ha			
10	production of major crops of area				
i	Production of Bajra	ton			
ii	Production of Wheat	ton			
iii	Production of Gram	ton			
iv	Production of Mustard	ton			
11	Area under vegetation	Ha			
12	Area under horticulture	Ha			
13	Area under fuel	Ha			
14	Area under Fodder	Ha			
15	Fodder production	Q			
16	Milk production	Litres/day			
17	SHGs Active	No.			
18	No. of livelihoods	No.			
19	Income	Rs.in la			
20	Migration	No.			
21	SHG Federations formed	No.			

(E)		Convergence with NREGA , Horticulture Animal Husbandry & Agriculture Ext.Department														
					Yearwise											
			Unit	Total	1st year		2nd year		3rd year		4th year		5th year		6th year	
	Activity	Unit no	cost	cost	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Agriculture Ext. Department																
1	Farmer Trainings at various levels			0.09						0.02		0.02		0.02		0.02
2	Exposure Tours			0.34						0.11		0.00		0.11		0.11
	Drip irragation for dev. of Horticulture plantation			3.19		0.00		0.00		1.1		0.46		0.68		0.91
3	Sprinkelar Irrigation															
A	Marginal & small farmers			3.19		0.00		0.00		1.14		0.46		0.68		0.91
B	Large farmers			3.19		0.00		0.00		0.91		0.36		0.82		1.09
4	Demonstration			0.41		0.05		0.05		0.05		0.07		0.09		0.11
Total (A)				10.42		0.05		0.05		3.37		1.37		2.42		3.17
NREGA																
1	Horticulture plantation & Agro forestry			1.82						0.23		0.46		0.46		0.68
2	Works for dev. Of private Ag. Land			11.40						1.14		4.56		2.28		3.42
3	Pasture dev.			2.28								1.14		1.14		
4	Works for Dev. Of Non-arable Land			3.99		1.14		0.57		0.34		0.46		0.91		0.57
Total (B)				19.49		1.14		0.57		1.71		6.61		4.79		4.67
Animal Husbandry																
1	Animal Health Camps			0.14								0.05		0.05		0.05
2	Subsidies thr. Various Insurances schemes			1.96		0.11		0.14		0.23		0.34		0.46		0.68
3	Trainings			0.39		0.05		0.09		0.05		0.07		0.07		0.07
4	A.I. & Castrations			0.91		0.11		0.11		0.14		0.16		0.18		0.21
Total (C)				3.40		0.27		0.34		0.41		0.62		0.75		1.00
Total (A+B+C)				33.31		1.46		0.96		5.49		8.60		7.96		8.85
Grand Total				124.51		4.06		7.96		20.04		35.13		31.77		27.49

(E)		Convergence with NREGA , Horticulture Animal Husbandry & Agriculture Ext.Department														
					Yearwise											
			Unit	Total	1st year		2nd year		3rd year		4th year		5th year		6th year	
	Activity	Unit no	cost	cost	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Agriculture Ext. Department																
1	Farmer Trainings at various levels			0.08						0.02		0.02		0.02		0.02
2	Exposure Tours			0.32						0.11		0.00		0.11		0.11
	Drip irragation for dev. of Horticulture plantation			2.94		0.00		0.00		1.1		0.42		0.63		0.84
3	Sprinkelar Irrigation															
A	Marginal & small farmers			2.94		0.00		0.00		1.05		0.42		0.63		0.84
B	Large farmers			2.94		0.00		0.00		0.84		0.34		0.76		1.01
4	Demonstration			0.38		0.04		0.04		0.04		0.06		0.08		0.11
Total (A)				9.60		0.04		0.04		3.11		1.26		2.23		2.92
NREGA																
1	Horticulture plantation & Agro forestry			1.68						0.21		0.42		0.42		0.63
2	Works for dev. Of private Ag. Land			10.50						1.05		4.20		2.10		3.15
3	Pasture dev.			2.10								1.05		1.05		
4	Works for Dev. Of Non-arable Land			3.68		1.05		0.53		0.32		0.42		0.84		0.53
Total (B)				17.96		1.05		0.53		1.58		6.09		4.41		4.31
Animal Husbandry																
1	Animal Health Camps			0.13								0.04		0.04		0.04
2	Subsidies thr. Various Insurances schemes			1.81		0.11		0.13		0.21		0.32		0.42		0.63
3	Trainings			0.36		0.04		0.08		0.04		0.06		0.06		0.06
4	A.I. & Castrations			0.84		0.11		0.11		0.13		0.15		0.17		0.19
Total (C)				3.13		0.25		0.32		0.38		0.57		0.69		0.92
Total (A+B+C)				30.68		1.34		0.88		5.06		7.92		7.33		8.15
Grand Total				114.68		3.94		7.88		18.83		32.64		29.44		25.47

(E)		Convergence with NREGA , Horticulture Animal Husbandry & Agriculture Ext.Department														
					Yearwise											
			Unit	Total	1st year		2nd year		3rd year		4th year		5th year		6th year	
	Activity	Unit no	cost	cost	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Agriculture Ext. Department																
1	Farmer Trainings at various levels			0.08						0.02		0.02		0.02		0.02
2	Exposure Tours			0.32						0.11		0.00		0.11		0.11
	Drip irragation for dev. of Horticulture plantation			2.94		0.00		0.00		1.1		0.42		0.63		0.84
3	Sprinkelar Irrigation															
A	Marginal & small farmers			2.94		0.00		0.00		1.05		0.42		0.63		0.84
B	Large farmers			2.94		0.00		0.00		0.84		0.34		0.76		1.01
4	Demonstration			0.38		0.04		0.04		0.04		0.06		0.08		0.11
Total (A)				9.60		0.04		0.04		3.11		1.26		2.23		2.92
NREGA																
1	Horticulture plantation & Agro forestry			1.68						0.21		0.42		0.42		0.63
2	Works for dev. Of private Ag. Land			10.50						1.05		4.20		2.10		3.15
3	Pasture dev.			2.10								1.05		1.05		
4	Works for Dev. Of Non-arable Land			3.68		1.05		0.53		0.32		0.42		0.84		0.53
Total (B)				17.96		1.05		0.53		1.58		6.09		4.41		4.31
Animal Husbandry																
1	Animal Health Camps			0.13								0.04		0.04		0.04
2	Subsidies thr. Various Insurances schemes			1.81		0.11		0.13		0.21		0.32		0.42		0.63
3	Trainings			0.36		0.04		0.08		0.04		0.06		0.06		0.06
4	A.I. & Castrations			0.84		0.11		0.11		0.13		0.15		0.17		0.19
Total (C)				3.13		0.25		0.32		0.38		0.57		0.69		0.92
Total (A+B+C)				30.68		1.34		0.88		5.06		7.92		7.33		8.15
Grand Total				114.68		3.94		7.88		18.83		32.64		29.44		25.47

(B)		Natural Resource Management(60%)															
					Yearwise												
			Unit	Total	1st year		2nd year		3rd year		4th year		5th year		6th year	
Activity		Unit no	cost	cost	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Conservation measures for arable land																	
1	Gully control structures	4	1.00	4.32					1	0.86	1	1.30	1	1.30	1	0.86
2	Gully control structures with masonary wasteweir	9	1.00	8.64					2	1.73	3	2.59	3	2.59	2	1.73
3	Masonary wasteweir	9	1.00	8.64					2	1.73	3	2.59	3	2.59	2	1.73
Total (A)				**21.60**						**4.32**		**6.48**		**6.48**		**4.32**
Conservation measures for non arable land																	
1	V - dich (Ha)	18	2160	0.648							9	0.32	9	0.32		
2	Pasture Development	18	12240	3.672							9	1.84	9	1.84		
Total (B)				**4.320**								**2.16**		**2.16**		
Drainage line treatment																	
1	MMS	7		6.91					1	1.38	2	2.07	2	2.07	1	1.38
2	Water Harvesting Structure with wasteweir	3		6.91					1	1.38	1	2.07	1	2.07	1	1.38
3	Repairing of Existing Structure with wasteweir	3		3.46					1	0.69	1	1.04	1	1.04	1	0.69
Total (C)				**17.28**						**3.46**		**5.18**		**5.18**		**3.46**
Total (A + B + C)				**43.20**						**7.78**		**13.82**		**13.82**		**7.78**
(C)		Production System & Micro Enterprise (15%)															
					Yearwise												
			Unit	Total	1st year		2nd year		3rd year		4th year		5th year		6th year	
Activity		Unit no	cost	cost	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Production measures for arable land																	
1	Horticulture plantation,Floriculture & Agro forestry	8640	50	4.32							3456	1.73	2592	1.30	2592	1.30
2	Vermi compost (Organic Farming)	24	6000	1.44							10	0.58	7	0.43	7	0.43
3	Crop Demostration	144	1000	1.44							58	0.58	43	0.43	43	0.43
Total (A)				7.20								2.88		2.16		2.16
Micro Enterprise (dairy,poultry,lacal artisans/crafts & food processing)				3.60								1.44		1.08		1.08
Total (B)				3.60								1.44		1.08		1.08
Total (A + B)				10.80								4.32		3.24		3.24
		Consolidation															
(D)				2.16												2.16
Project Total				**72.00**		**2.60**		**7.00**		**12.48**		**21.69**		**19.26**		**15.13**

(E)		Convergence with NREGA , Horticulture Animal Husbandry & Agriculture Ext.Department														
					Yearwise											
			Unit	Total	1st year		2nd year		3rd year		4th year		5th year		6th year	
	Activity	Unit no	cost	cost	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Agriculture Ext. Department																
1	Farmer Trainings at various levels			0.10						0.02		0.02		0.02		0.02
2	Exposure Tours			0.36						0.12		0.00		0.12		0.12
	Drip irragation for dev. of Horticulture plantation			3.36		0.00		0.00		1.2		0.48		0.72		0.96
3	Sprinkelar Irrigation															
A	Marginal & small farmers			3.36		0.00		0.00		1.20		0.48		0.72		0.96
B	Large farmers			3.36		0.00		0.00		0.96		0.38		0.86		1.15
4	Demonstration			0.43		0.05		0.05		0.05		0.07		0.10		0.12
Total (A)				10.97		0.05		0.05		3.55		1.44		2.54		3.34
NREGA																
1	Horticulture plantation & Agro forestry			1.92						0.24		0.48		0.48		0.72
2	Works for dev. Of private Ag. Land			12.00						1.20		4.80		2.40		3.60
3	Pasture dev.			2.40								1.20		1.20		
4	Works for Dev. Of Non-arable Land			4.20		1.20		0.60		0.36		0.48		0.96		0.60
Total (B)				20.52		1.20		0.60		1.80		6.96		5.04		4.92
Animal Husbandry																
1	Animal Health Camps			0.14								0.05		0.05		0.05
2	Subsidies thr. Various Insurances schemes			2.06		0.12		0.14		0.24		0.36		0.48		0.72
3	Trainings			0.41		0.05		0.10		0.05		0.07		0.07		0.07
4	A.I. & Castrations			0.96		0.12		0.12		0.14		0.17		0.19		0.22
Total (C)				3.58		0.29		0.36		0.43		0.65		0.79		1.06
Total (A+B+C)				35.06		1.54		1.01		5.78		9.05		8.38		9.31
Grand Total				131.06		4.14		8.01		20.85		36.79		33.33		28.83

(E)		Convergence with NREGA , Horticulture Animal Husbandry & Agriculture Ext.Department														
					Yearwise											
			Unit	Total	1st year		2nd year		3rd year		4th year		5th year		6th year	
	Activity	Unit no	cost	cost	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Agriculture Ext. Department																
1	Farmer Traings at various levels			0.10						0.02		0.02		0.02		0.02
2	Exposure Tours			0.36						0.12		0.00		0.12		0.12
	Drip irragation for dev. of Horticulture plantation			3.36		0.00		0.00		1.2		0.48		0.72		0.96
3	Sprinkelar Irrigation															
A	Marginal & small farmers			3.36		0.00		0.00		1.20		0.48		0.72		0.96
B	Large farmers			3.36		0.00		0.00		0.96		0.38		0.86		1.15
4	Demonstration			0.43		0.05		0.05		0.05		0.07		0.10		0.12
Total (A)				10.97		0.05		0.05		3.55		1.44		2.54		3.34
NREGA																
1	Horticulture plantation & Agro forestry			1.92						0.24		0.48		0.48		0.72
2	Works for dev. Of private Ag. Land			12.00						1.20		4.80		2.40		3.60
3	Pasture dev.			2.40								1.20		1.20		
4	Works for Dev. Of Non-arable Land			4.20		1.20		0.60		0.36		0.48		0.96		0.60
Total (B)				20.52		1.20		0.60		1.80		6.96		5.04		4.92
Animal Husbandry																
1	Animal Health Camps			0.14								0.05		0.05		0.05
2	Subsidies thr. Various Insurances schemes			2.06		0.12		0.14		0.24		0.36		0.48		0.72
3	Traings			0.41		0.05		0.10		0.05		0.07		0.07		0.07
4	A.I. & Castrations			0.96		0.12		0.12		0.14		0.17		0.19		0.22
Total (C)				3.58		0.29		0.36		0.43		0.65		0.79		1.06
Total (A+B+C)				35.06		1.54		1.01		5.78		9.05		8.38		9.31
Grand Total				131.06		4.14		8.01		20.85		36.79		33.33		28.83

(B)		Natural Resource Management(60%)															
					Yearwise												
			Unit	Total	1st year		2nd year		3rd year		4th year		5th year		6th year	
Activity		Unit no	cost	cost	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Conservation measures for arable land																	
1	Gully control structures	6	1.00	6.48					1	1.30	2	1.94	2	1.94	1	1.30
2	Gully control structures with masonary wasteweir	13	1.00	12.96					3	2.59	4	3.89	4	3.89	3	2.59
3	Masonary wasteweir	13	1.00	12.96					3	2.59	4	3.89	4	3.89	3	2.59
Total (A)				**32.40**						**6.48**		**9.72**		**9.72**		**6.48**
Conservation measures for non arable land																	
1	V - dich (Ha)	27	3240	0.972							14	0.49	14	0.49		
2	Pasture Development	27	18360	5.508							14	2.75	14	2.75		
Total (B)				**6.480**								**3.24**		**3.24**		
Drainage line treatment																	
1	MMS	10		10.37					2	2.07	3	3.11	3	3.11	2	2.07
2	Water Harvesting Structure with wasteweir	5		10.37					1	2.07	2	3.11	2	3.11	1	2.07
3	Repairing of Existing Structure with wasteweir	5		5.18					1	1.04	2	1.56	2	1.56	1	1.04
Total (C)				**25.92**						**5.18**		**7.78**		**7.78**		**5.18**
Total (A + B + C)				**64.80**						**11.66**		**20.74**		**20.74**		**11.66**
(C)		Production System & Micro Enterprise (15%)															
					Yearwise												
			Unit	Total	1st year		2nd year		3rd year		4th year		5th year		6th year	
Activity		Unit no	cost	cost	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Production measures for arable land																	
1	Horticulture plantation,Floriculture & Agro forestry	12960	50	6.48							5184	2.59	3888	1.94	3888	1.94
2	Vermi compost (Organic Farming)	36	6000	2.16							14	0.86	11	0.65	11	0.65
3	Crop Demostration	216	1000	2.16							86	0.86	65	0.65	65	0.65
Total (A)				10.80								4.32		3.24		3.24
Micro Enterprise (dairy,poultry,lacal artisans/crafts & food processing)				5.40								2.16		1.62		1.62
Total (B)				5.40								2.16		1.62		1.62
Total (A + B)				16.20								6.48		4.86		4.86
		Consolidation															
(D)				3.24												3.24
Project Total				**108.00**		**2.60**		**7.00**		**16.36**		**30.77**		**27.80**		**21.71**

(B)		Natural Resource Management(60%)															
					Yearwise												
			Unit	Total	1st year		2nd year		3rd year		4th year		5th year		6th year	
Activity		Unit no	cost	cost	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Conservation measures for arable land																	
1	Gully control structures	7	1.00	7.20					1	1.44	2	2.16	2	2.16	1	1.44
2	Gully control structures with masonary wasteweir	14	1.00	14.40					3	2.88	4	4.32	4	4.32	3	2.88
3	Masonary wasteweir	14	1.00	14.40					3	2.88	4	4.32	4	4.32	3	2.88
Total (A)				**36.00**						**7.20**		**10.80**		**10.80**		**7.20**
Conservation measures for non arable land																	
1	V - dich (Ha)	30	3600	1.080							15	0.54	15	0.54		
2	Pasture Development	30	20400	6.120							15	3.06	15	3.06		
Total (B)				**7.200**								**3.60**		**3.60**		
Drainage line treatment																	
1	MMS	12		11.52					2	2.30	3	3.46	3	3.46	2	2.30
2	Water Harvesting Structure with wasteweir	6		11.52					1	2.30	2	3.46	2	3.46	1	2.30
3	Repairing of Existing Structure with wasteweir	6		5.76					1	1.15	2	1.73	2	1.73	1	1.15
Total (C)				**28.80**						**5.76**		**8.64**		**8.64**		**5.76**
Total (A + B + C)				**72.00**						**12.96**		**23.04**		**23.04**		**12.96**
(C)		Production System and Micro Enterprise (15%)															
					Yearwise												
			Unit	Total	1st year		2nd year		3rd year		4th year		5th year		6th year	
Activity		Unit no	cost	cost	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Production measures for arable land																	
1	Horticulture plantation,Floriculture & Agro forestry	14400	50	7.20							5760	2.88	4320	2.16	4320	2.16
2	Vermi compost (Organic Farming)	40	6000	2.40							16	0.96	12	0.72	12	0.72
3	Crop Demostration	240	1000	2.40							96	0.96	72	0.72	72	0.72
Total (A)				12.00								4.80		3.60		3.60
Micro enterprise (dairy,poultry,lacal artisans/crafts & food processing)				6.00								2.40		1.80		1.80
Total (B)				6.00								2.40		1.80		1.80
Total (A + B)				18.00								7.20		5.40		5.40
		Consolidation															
(D)				3.60												3.60
Project Total				**120.00**		**2.60**		**7.00**		**17.66**		**33.79**		**30.64**		**23.91**

(B)		Natural Resource Management(60%)														
					Yearwise											
			Unit	Total	1st year		2nd year		3rd year		4th year		5th year		6th year	
Activity		Unit no	cost	cost	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Conservation measures for arable land																
1	Gully control structures	42	1.00	42.31					8	8.46	13	12.69	13	12.69	8	8.46
2	Gully control structures with masonary wasteweir	85	1.00	84.61					17	16.92	25	25.38	25	25.38	17	16.92
3	Masonary wasteweir	85	1.00	84.61					17	16.92	25	25.38	25	25.38	17	16.92
Total (A)				**211.54**						**42.31**		**63.46**		**63.46**		**42.31**
Conservation measures for non arable land																
1	V - dich (Ha)	176	21154	6.346							88	3.17	88	3.17		
2	Pasture Development	176	119870	35.961							88	17.98	88	17.98		
Total (B)				**42.307**								**21.15**		**21.15**		
Drainage line treatment																
1	MMS	68		67.69					14	13.54	20	20.31	20	20.31	14	13.54
2	Water Harvesting Structure with wasteweir	34		67.69					7	13.54	10	20.31	10	20.31	7	13.54
3	Repairing of Existing Structure with wasteweir	34		33.85					7	6.77	10	10.15	10	10.15	7	6.77
Total (C)				**169.23**						**33.85**		**50.77**		**50.77**		**33.85**
Total (A + B + C)				**423.07**						**76.15**		**135.38**		**135.38**		**76.15**
(C)		Production System & Micro Enterprise (15%)														
					Yearwise											
			Unit	Total	1st year		2nd year		3rd year		4th year		5th year		6th year	
Activity		Unit no	cost	cost	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Production measures for arable land																
1	Horticulture plantation,Floriculture & Agro forestry	84614	50	42.31							33846	16.92	25384	12.69	25384	12.69
2	Vermi compost (Organic Farming)	235	6000	14.10							94	5.64	71	4.23	71	4.23
3	Crop Demostration	1410	1000	14.10							564	5.64	423	4.23	423	4.23
Total (A)				70.51								28.20		21.15		21.15
Micro Enterprise (dairy,poultry,lacal artisans/crafts & food processing)				35.26								14.10		10.58		10.58
Total (B)				35.26								14.10		10.58		10.58
Total (A + B)				105.77								42.31		31.73		31.73
		Consolidation														
(D)				21.15												21.15
Project Total				**705.12**		**2.60**		**7.00**		**80.85**		**181.24**		**169.31**		**130.99**

The watershed falls in Agroclimatic Zone A-2 The soil texture is Sandy loam The average rainfall is 62.8 cm . The temperatures in the area are in the range between 35-48 degree centigrade during summer and 5-20 degree centigrade during winter. The major crops in the area are Wheat, Barley,Mustard,Gram,Groundnut,Bajra,Maize etc 76.2% land is under cultivation 30 % land fallow 10 % land is wasteland. 46.2% land is irrigated through Sources.

766 No of households are BPL(_32.34 % households) 98 are landless households (4.14%households) and 2056 household are small and marginal farmers(86.79%household) .Average land holding in the area is 2 ha. 30% area is single cropped area and 28% is double cropped. The main source of irrigation is Borewell. The average annual rainfall (5 years) in the area is 671.12 mm. The Major streams in the Watershed are _____, _____, _____. The major festivals in the village are Gangour,Basant Panchami,Deepawali & Holi . At present this Project is having 17887 population with Communities like Meena,Mali,Rajput ,Bairwa , Brahmin etc.

Problems & Scope Of Improvement In The Project Area

The socio economic conditions of the area can be improved through increased production which can be achieved through expansion in cultivated area and productivity enhancement. 850 ha land is arable wasteland and 1409 ha is fallow can be brought under cultivation.

2259 ha is only irrigated and with efforts this can be increased to 3000ha . The productivity gap of major crops in the area as compared with district and with areas in the same agro climatic zones indicate potential to increase the productivity. The demonstration of improved package of practices, improved varieties, increased irrigation facilities and soil conservation measures under the project can bridge this gap. Due to small land holdings in the area focus of the project would be on diversification in agriculture (horticulture, vegetables, green houses, Agro forestry, fodder crops)and diversification in Livelihoods(Agriculture, Animal husbandry, self employment)

992 Quintal fodder scarcity can be met out through Pasture development .Improved animal Husbandry practices can increase the productivity of livestock. 1250 no of persons migrate due to unemployment this migration can be checked through creation of employment opportunities in the project area through increase in production and diversification in agriculture and Livelihoods as mentioned above.

जलग्रहण क्षेत्र की मुख्य समस्याऐं

जलग्रहण क्षेत्र में प्राकृतिक संसाधनों का पूर्ण सरंक्षण एवं उनका आवश्यकतानुसार उपयोग सुनिश्चित न होने के कारण क्षेत्र में विभिन्न समस्याऐं पायी गयी है, जो निम्न प्रकार है :–

1. वर्षो के असामान्य व्यवहार के कारण फसलों हेतु मिट्टी में पानी एवं नमी की अत्यधिक कमी है।

2. स्थानीय कृषक अधिक राशि व्यय करने की स्थिति में नहीं है।

3. मुख्य फसलों के उत्पादन में नियमित कमी।

4. वर्षा के पानी क्षेत्र से बहकर बाहर जाने से भू–जल स्तर में कमी।

5. रोजगार उपलब्ध नहीं होने के कारण स्थानीय श्रमिकों का पलायन।

6. पशुओं के उन्नत नस्ल का नहीं होने से दुग्ध उत्पादन में कमी।

7. चारे एवं ईधन की कमी।

The project area has 850 ha of cultivable wasteland . 1409 ha of fallow land (total 2259 ha) can be brought under cultivation if some irrigation source can be provided through Construction of WHS ,Anicuts etc. and also through demonstration of rainfed varieties of crops. Construction of WHS can also increase in area under irrigation which is only 50%

2259 ha. (50 % of the project area) is under wastelands and can be brought under vegetative cover, with reasonable effort .Activities like Earthen check dams, Vegetative filter strip, V-ditches, staggered trenches ,WHS (Johad) Afforestation of wastelands and Pasture development will be taken up on these lands

Pasture development the land use table shows that there is 152 hectare pasture land (2%)This emphasizes the need for taking up pastureland development works through sowing of promising species of grasses and plantation

, Analysis of the above table indicate that besides national gap there is wide gap in productivity within state and even within same agro climatic zones.

The reasons for this variation are

- The farmers are using varieties Raj-173 Bajra whereas the recommended varieties like Pioneer 86 provide 800 Kg./Ha. yield
- Lack of Availability of good quality seeds of desired crop and variety in adequate quantities and time to the farmers.
- Availability of water for cultivation(50% is irrigated table)

The productivity gap and reasons of it indicate potential to increase the productivity through crop demonstration .Crop demonstrations would be carried out on improved crops/ varieties, improved agronomic practices. INM, IPM, Mixed cropping, distribution of fodder seed mini kit. Demonstration of improved methods and economics of fodder crops cultivation and also distribution foundation seeds of Forage Crops for further multiplication, introduction of fodder crops in the existing crop rotations.

86.79% land holdings belong to small and marginal farmers who own 78 % of total cultivated area. Horticulture/vegetables could be more economical to Small and marginal farmers with irrigation source. For large farmers with no irrigation facility Horticulture/vegetables will be promoted in a part of land with farm pond/Tanka construction.

The following activities will be more beneficial for small land holdings and for diversification and income for large farmers

Horticulture plantation, Medicinal and Aromatic Crops, floriculture: As discussed earlier . Horticulture/vegetables could be more economical to Small and marginal farmers with irrigation source. Also the project area has good potential for medicinal & aromatic crops like Sonamukhi, Isabgol, Ashwagandha, Khus, Mehandi etc.

Agro forestry plantation: To increase the income of farmers and also for shelter belt plantation as wind velocity is high in the project area.

Setting of Vermi Compost Units - Keeping in view the side effect of residues of chemicals and fertilizers on human health the emphasis would be on cultivation of organic produce through motivating farmers and providing assistance for production of organic input, vermi compost.

Production and distribution of quality seed – There is need to ensure that good quality seed is available for cultivators for which adequate seed production would be initiated in watershed areas with the assistance of private sector and agriculture department technologies

Sprinklers and pipelines for efficient water management practices emphasis on demonstration of sprinklers with adequate financial support and convergence/private partnership.

Establishment of Green House - For growing off season vegetables seedlings and other horticultural crops under controlled atmospheric conditions of green house.

Establishment of nurseries: Most of the planting material is procured from other parts of the State/ country. The procurement of planting material from distant places causes damage to the planting material and often results in untimely supply. Hence nursery development activity in area.

Innovative hi-tech/ export oriented activities: innovative hi-tech/ export oriented projects like mushroom cultivation, floriculture, etc which are in negligible existence at present, can be implemented by individual farmers / private companies.

Drip irrigation Drip irrigation will be promoted in all horticulture plantations, vegetables, green houses and in nurseries for rational use of irrigation higher yields and quality produce.

Table 2.7 Livestock Status - Animals/Milk Production / Average yield.

S.No.	Description of animals	Population in No.	Yield(milk/mutton/ Wool)	Equ. cow units	Dry matter requirement per year (7Kg per animal.)	Total requirement in M.T.
1	Cows					
	Indigenous	3117	1122 Kilo Lit		7855 Ton	
	Hybrid	634	1826 Kilo Lit		1598 Ton	
2	Buffaloes	5247	6000 Kilo Lit		13223 Ton	
3	Goat	1466	527 Kilo Lit	population /2	1583 Ton	
4	Sheep	0	0	population /2	0	
5	Camel	31	0		5 Ton	
6	Poultry	0	0	NA		
7	Piggery	56	0	NA	2 Ton	
	Total	10601	9475 Kilo Lit			

In spite of the large number of livestock, production is less hence increase in productivity across all species, is a major challenge. To reduce production of unproductive cattle and improve the productivity by improving the breeds by breeding management following activities will be taken up

- Castration
- Artificial insemination
- Distribution of superior Breeding bulls for use in Cattle and Buffalo
- Breeding distribution crossbred rams

Besides breed improvement other animal husbandry practices like better health, hygiene and feeding practices can increase productivity of livestock. Hence Activities like Animal health camps ,Urea-Molasses treatment demonstration ,demonstration of improved methods of conservation and utilization of Forage crops are proposed.

Table 2.8 Existing area under fodder (ha)

S.No	Item	Unit	Area/Quantity
1	Existing Cultivable area under Fodder	Ha	2250
2	Production of Green fodder	Tonns/year	3000
3	Production of Dry fodder	Tonns/ Year	4000
4	Area under Pastures	Ha	152
5	Production of fodder	Tonns/year	650
6	Existing area under Fuel wood	Ha	258
7	Supplementary feed	Kgs/ day	5000
8	Silage Pits	No	52
9	Availability of fodder	quintals	76500
10	Deficiency/excess of fodder	quintals	24266

The table above shows there is fodder deficiency (Requirement is 24266-and availability 18250)

To minimize the large and expanding gap between feed and fodder resource availability and demand there is need for

- Increase in area under fodder crops
- Increase in productivity of fodder crops
- Development of pastures
- And reduction in large number of livestock production through replacement by few but productive animals

Table 2.9 Agriculture Implements

1	2	3
S. No	**Implements**	**Nos.**
1	Tractor	256
2	Sprayers-manual/ power	540
3	Cultivators/Harrows	356
4	Seed drill	140
5	Any Other	280

Farm mechanization and seed banks: As discussed earlier ----% land holdings belong to small and marginal farmers who own only 13% of total cultivated area so owning of big farm implements by individual farmers is not economical so SHG would be promoted to buy farm implements and rent to farmer

Critical Assumption

- No severe droughts/ unexpected floods/ natural disasters
- Adequate funds are allocated for the same and released on time.
- There is no significant pest/ disease attack, and if so, then it will have been contained before irreversible damage is done.
- Adverse market conditions do not persist long.
- Sound macro-economic and growth conditions continue and the benefits are widely distributed particularly in the rural areas.
- Facilitating agencies and resource providers have the required competent staff so that timely and appropriate technical advice and services are provided to farmers whenever required.
- The Capacity Building Plan is implemented, monitored and modified to address evolving needs and feedback from participants.
- The execution of the Women's Empowerment Pedagogy is regularly monitored by the District and State level Implementing Agencies

Means of Verification of **indicators**

- Baseline surveys like household income ,expenditure, health and nutrition etc at the beginning, mid-term and end of the project period
- Annual participatory assessment by communities during project period.
- Regular project monitoring reports prepared by project monitoring teams/ agencies.
- Membership and other Records, Minutes of Meetings maintained by the SHGs, WCs/ Individual beneficiaries/project-related village and local bodies/PRIs.
- External review missions
- Data maintained by Government department (Revenue, Agriculture, Groundwater, Irrigation, Animal Husbandry

Details of Watershed Committee Kaluwas (WC)

S.N.	Name of WCs	Date of Gram Sabha for WC	Date of Registration as a Society (dd/mm/yyyy	Designation	Name	M/F	SC/ST/OBC/Gen.	Landless/ MF/SF/ BF	Name of UG/SHG	Educational Qualification
1	Kaluwas	14-07-2011	_	President	Ramsvroop s/o Srinarayan meena	M	ST	SF		B.A.
2				Secretary	Goverdhan s/o Baluram bairva	M	SC	SF		Sr. Secondary
3				Member	Babulal s/o Ramsahay bairva	M	SC	SF	Livelihood Dev. (SHG)	Middle
4					Ramkishor s/o Mohanlal meena	M	ST	MF	Horticulture & Agro forestry Dev. (UG)	Sr. Secondary
5					Chandraprakash s/o Laxminarayan meena	M	ST	MF	Arable Dev.(UG)	Middle
6					Pheliram w/o Nathulal meena	M	ST	MF	Small Saving (SHG)	Literate
7					Kundandas s/o Chandradas swami	M	Gen	SF	Basket &Muddi Const. (SHG)	Literate
8					Shantidevil w/o Ghasilal bairva	F	SC	SF	Pasture Dev. (UG)	Illiterate
9					Anita w/o Mangilal bairva	F	SC	SF	Sticthing,Knitting Dev. (SHG)	Literate
10					Bansidhar s/o Bhuralal sharma	M	Gen	BF		Literate
11					Ashutosh Sharma Jen P.S. Lalsot	M	Gen		Gov. Employ.	B.E.

Details of Watershed Committee Dholawas (WC)

S.N.	Name of WCs	Date of Gram Sabha for WC	Date of Registration as a Society (dd/mm/yyyy	Designation	Name	M/F	SC/ST/OBC/ General	Landless/ MF/SF/ BF	Name of UG/SHG
1	Dholawas		52/2008	President	Harphool s/o Jhutaram meena	M	ST	MF	
2				Secretary	Ramesh s/o Moolchand meena	M	ST	SF	
3				Member	Shambhudayal s/o Ramshay meena	M	ST	MF	Non Ara.Dev.(UG)
4					Harinarayan s/o Pannalal meena	M	ST	MF	Livelihood Dev. (SHG)
5					Ramptatap s/o Gandilal meena	M	ST	MF	Horticulture & Agro forestry
6					Chhajulal s/o Ramsahay meena	M	ST	MF	Arable Dev.(UG)
7					Ramgopal s/o Bhonrilal meena	M	ST	MF	Small Saving (SHG)
8					Kailash s/o Rambhajan meena	M	ST	SF	Sticthing,Knitting Dev. (SHG)
9					j	M	ST	BF	Arable Dev.(UG)
10					Kailash s/o Jhutaram meena	M	ST	SF	Basket &Muddi Const. (SHG)
11					Pheliram s/o Moolchand meena	M	ST	BF	Pasture Dev. (UG)
12					Ramnivas s/o Ramsahay meena	M	ST	MF	Non Ara.Dev.(UG)
13					Ramprasad s/o Bheru Raigar	M	SC	SF	Charmkar (SHG)
14					Giriraj s/o Jagannath meena	M	ST	MF	Horticulture & Agro forestry
15					Ashutosh Sharma Jen P.S. Lalsot	M	Gen		Gov. Employ.

Details of Watershed Committee Charanwas (WC)

S.N.	Name of WCs	Date of Gram Sabha for WC	Date of Registration as a Society (dd/mm/yyyy	Designation	Name	M/F	SC/ST/OBC/Gen.	Landless/ MF/SF/ BF	Name of UG/SHG	Educational Qualification
1	Charanwas	8.06.2010	94/27.09-2010	President	Ramsahay s/o Srila meena	M	ST	BF		Primary
2				Secretary	Ghasi s/o Gendaram meena	M	ST	SF		Sr. Secondary
3				Member	Ramesh s/o Jagdish meena	M	ST	SF	Livelihood Dev. (SHG)	Secondary
4					Ramchandra s/oBhagvan sahay meena	M	ST	SF	Pasture Dev. (UG)	Middle
5					Ghanshyam s/oRamphool meena	M	ST	SF	Arable Dev.(UG)	Secondary
6					Savanlram s/o Jagdish meena	M	ST	BF	Non Ara.Dev.(UG)	Middle
7					Kamal kanwar w/o kishor singh	F	Gen	SF	Sticthing,Knitting Dev. (SHG)	Middle
8					Sayar Kanwar w/o Sampat singh	F	Gen	SF	Basket &Muddi Const. (SHG)	Middle
9					Bhajanlal s/o Ramnath meena	M	ST	SF	Agro forestry Dev. (UG)	B.A.
10					Sarojdevi w/o Madanlal sharma	F	Gen	SF	Small Saving (SHG)	Middle
11					Ashutosh Sharma Jen P.S. Lalsot	M	Gen	Gov. Employ.		B.E. (Ag.)

Details of Watershed Committee Ganglywas (WC)

S.N.	Name of WCs	Date of Gram Sabha for WC	Date of Registration as a Society (dd/mm/yyyy	Designation	Name	M/F	SC/ST/OBC/Gen.	Landless/ MF/SF/ BF	Name of UG/SHG	Educational Qualification
1	Ganglywas	30.08.2010	96/27.09.2010	President	Hajarilal s/o Bhonri lal meena	M	ST	BF		Primary
2				Secretary	Harkesh s/o Udalal meena	M	ST	SF		Sr. Secondary
3				Member	Ramkaran s/o Narayan meena	M	ST	MF	Non Ara.Dev.(UG)	Primary
4					Gangasahay so /Mangla mahavar	M	SC	SF	Livelihood Dev. (SHG)	Middle
5					Kamlesh s/o Sitaram sharma	M	Gen	MF	Agro forestry Dev. (UG)	Secondary
6					Ramsahay s/o Chunniram meena	M	ST	MF	Arable Dev.(UG)	Primary
7					Chhotidevi w/o Biharilal meena	F	ST	MF	Small Saving (SHG)	Literate
8					Gandoridevi w/o Omprakash meena	F	ST	SF	Basket &Muddi Const. (SHG)	Primary
9					Kanhayalal s/o Mooliram meena	M	ST	SF	Pasture Dev. (UG)	Middle
10					Badamdevi w/o Harsahay meena	F	ST	MF	Sticthing,Knitting Dev. (SHG)	Middle
11					Ashutosh Sharma Jen P.S. Lalsot	M	Gen		Gov. Employ.	B.E.

Details of Watershed Committee Mohammadpura (WC)

S.N.	Name of WCs	Date of Gram Sabha for WC	Date of Registration as a Society (dd/mm/yyyy	Designation	Name	M/F	ST/OBC/Ge	Landless/ MF/SF/ BF	Name of UG/SHG	Educational Qualification
1	Mohammadpura	9.06.2010	62/4.08.2010	President	Surajbhan s/o Ganga singh	M	Gen.	BF		B.A.
2				Secretary	Narsilal s/o Budhharam meena	M	ST	MF		M.A.
3				Member	Gopal s/o Sarbaram sharma	M	Gen.	MF	Non Ara.Dev.(UG)	Literate
4					Jairam s/o Chhitarmal bairva	M	SC	Landless	Livelihood Dev. (SHG)	Primary
5					Chamanlal s/o Bhonrilal saini	M	OBC	SF	Horticulture & Agro forestry	Middle
6					Ramulal s/o Ganesh meena	M	ST	MF	Arable Dev.(UG)	Secondary
7					Rampatii w/o Ramavtar meena	F	ST	SF	Small Saving (SHG)	Literate
8					Monika w/o Saini	F	OBC	SF	Basket &Muddi Const. (SHG)	Primary
9					Rampratap s/o Ramsukha Gurjar	M	OBC	MF	Pasture Dev. (UG)	Literate
10					Mathuradevii w/o Laxminarayan meena	F	Gen.	SF	Sticthing,Knitting Dev. (SHG)	Literate
11					Mohan singh s/o Jagdish singh	M	Gen.	SF	Arable Dev.(UG)	Middle
12					Ramkhiladi s/o Chhitar meena	M	ST	MF	Non Ara.Dev.(UG)	Secondary
13					Gangasahay s/o Barda meena	M	ST	MF	Pasture Dev. (UG)	Middle
14					Sitaram s/o Laluram meena	M	ST	MF	Horticulture & Agro forestry	Middle
15					Ashutosh Sharma Jen P.S. Lalsot	M	Gen		Gov. Employ.	B.E.

Details of Watershed Committee Nehri Jasvantpura (WC)

S.N.	Name of WCs	Date of Gram Sabha for WC	Date of Registration as a Society (dd/mm/yyyy	Designation	Name	M/F	SC/ST/OBC/ General	Landless/ MF/SF/ BF	Name of UG/SHG	Educational Qualification
1	Nehri jasvantpura			President	Pheliram s/o Bhura lal meena	M	ST	BF		Literate
2				Secretary	Ramnivas s/o Ramnarayan meena	M	ST	SF		B.Com
3				Member	Kailash s/o Jansi meena	M	ST	SF	Non Ara.Dev.(UG)	Middle
4					Ghasilal s/o Chhitarmal meena	M	ST	MF	Livelihood Dev. (SHG)	Literate
5					Nathulal s/ Onkar sharma	M	Gen	MF	Horticulture & Agro forestry	Literate
6					Tundaram s/o Harbks meena	M	ST	MF	Arable Dev.(UG)	Literate
7					Kajod s/o Badri bairva	M	SC	SF	Small Saving (SHG)	Literate
8					Kailash s/o Badrilal meena	M	ST	SF	Arable Dev.(UG)	Middle
9					Nathulal s/ Moharpal meena	M	ST	MF	Horticulture & Agro forestry	Literate
10					Giriraj s/o Sukhchand Gurjar	M	OBC	MF	Dairy(SHG)	Middle
11					Pooniram s/o Syobaks meena	M	ST	SF	Basket &Muddi Const. (SHG)	Secondary
12					Pheliram s/o Ranglal Gurjar	M	OBC	SF	Dairy(SHG)	Illiterate
13					Gopiram s/o Bhonrilal meena	M	ST	MF	Pasture Dev. (UG)	Literate
14					Ramphool s/o Shankar meena	M	ST	SF	Sticthing,Knitti ng Dev. (SHG)	Primary
15					Kailash s/o Chhotulal gurjar	M	OBC	MF	Dairy(SHG)	Secondary
16					Ashutosh Sharma Jen P.S. Lalsot	M	Gen		Gov. Employ.	B.E.