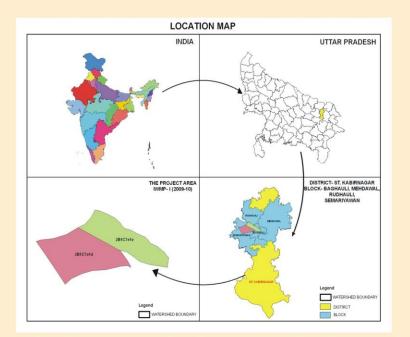
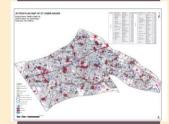
DETAILED PROJECT REPORT

OF INTEGRATED WATERSHED MANAGEMENTPROGRAMME-I SANT KABIR NAGAR (2009-10)







Prepared by : Bhoomi Sanrakshan Adhikari L.D.W.R., Sant Kabir Nagar Submitted to : Dept. of Land Development & Water Resources, LUCKNOW

CERTIFICATE

It is certified that the proposed IWMP-I project comprising two micro-watersheds of district Sant Kabir Nagar, Uttar Pradesh has been selected for its sustainable development on watershed basis under Integrated Watershed Management Programme. The land is physically available for proposed interventions and is not overlapping with any other schemes. It will be developed as per Common Guidelines for Watershed Development Project-2008, GOI, New Delhi. The significant results will be achieved through proposed interventions on soil and water conservation, ground water recharge, availability of drinking and irrigation water, agricultural production systems, livestock, fodder availability, livelihoods of asset-less, capacity building, etc. The proposed Detailed Project Report of IWMP-I for financial year 2009-10 is submitted for its implementation.

Bhoomi Sanrakshan Adhikari

Department of Land Development & Water Resources, Sant Kabir Nagar, Uttar Pradesh

TABLE OF CONTENTS

CHAPTER No.	DESCRIPTIONS	PAGE NO.
	EXECUTIVE SUMMARY	04
1.	INTRODUCTION AND BACKGROUND	08
2.	GENERAL DESCRIPTION OF PROJECT AREA	15
3.	BASELINE SURVEY	28
4.	INSTITUTIONAL BUILDING AND PROJECT MANAGEMENT	48
5.	MANAGEMENT / ACTION PLAN	74
6.	LIVELIHOOD ACTIVITIES/PRODUCTION SYSTEM/ANNUAL ACTION PLAN	80
7.	CAPACITY BUILDING PLAN	121
8.	PHASING OF PROGRAMME AND BUDGETING	125
9.	CONSOLIDATION / WITHDRAWAL STRATEGY	128
10.	EXPECTED OUTCOME	131
11.	COST NORMS & DESIGN OF STRUCTURE PROPOSED	137
12.	MAPS	145
13.	Annexure-1 & 2	159
14.	ABBRIVIATIONS/REFERENCES	166

EXECUTIVE SUMMARY

The Right Bank of Ami River Watershed of Semeriyawa and Belhar block of Sant Kabir Nagar (U.P) is Located near Khalilabad town, which is District Headquarter of Sant Kabir Nagar. The Project area with MWS Code No. 2B1C7e1d and 2B1C7e1e is having Geographical area of 4073 ha, Out of which 3666.00 ha, area is proposed to be treated. The total outlay of the project is Rs. 439.92 Lac, under Integrated Watershed Management Programme. The project implementing Agency (PIA) is Bhumi Sanrakshan Adhikari, Department of Land and Water Resources Sant Kabir Nagar, Uttar Pradesh.

The project area is a part of Upper Ganga Plain lying in Eastern Uttar Pradesh which is flood prone area. Due to excess water in the monsoon all the rivers which are originated from Himalaya region causing inundation in the region of eastern U.P. and affecting great loss to the Kharif crop.

All the Micro Watersheds of IWMP-1, 2009-10 are situated in Semeriyawa block of the district. The aerial extent of the project area is 26^o 51' 02" N to 26^o 55' 12" N Latitude & 82°52'53"E to 83°01'31"E Longitude.

The project area is a cluster of two micro watersheds. As per the directive of the common guideline-2008 of IWMP, A detail PRA (participatory rural appraisal) exercise has been conducted in the study area. The details of individual house hold survey have been given in chapter -3.

The details of Project Implementing Agency, Watershed development Team, SHG, UG, and Watershed committees have been given in the chapter-4 of Institutional Building and project management.

According to need and topographic condition of the project area an Entry Point Activity, livelihood Action plan, Production System Action Plan and Treatment Area Action Plan have been prepared. The details of the following activity have been given in the respective chapters. Project File for the individual Micro-Watershed project has been prepared for detail activity wise work to the beneficiary.

Table 1: PROJECT AT A GLANCE

1.	Name of Project	IWMP -I, (2009-10)R.B. AMI RIVER WATERSHED					
2.	Name of Block	SEMERIYAWA, BELHAR					
3.	Name of District	SANT KABIR NAGAR					
4.	Name of State	UTTAR PRADESH					
5.	No of Micro Watershed	02					
6.	Name of Village under Micro Watershed	Vigra Meer, Mudadeeh Beg, Chainpur, Vigra Aual, Tilja, Nasipur, Deoria Sekh,BharwaliaChak, Gangaicha, Pipra Hankar, Bhirwa Dand,Madarpur, Gar thauli, Siswaakhini,Dudhara, Parsa Sheikh, Rasoolpur, JateDeeha Dubaula, Bharawalia Budhan, Sonaura Gausi,Dashawan,Kataya,Semiyawan, Chorha, Barhya Mafi, Tinhari, Raut Par, Muhammad Garh, Madana,Dariyabad, Katha kPurwa, Pipra Govind,Misraulia,Ghusura, Banhita, Lauki Lala, Bhagur Hirani, Pakari Arigi Diwahari, Hatava, Beeran Joat, Bharvalia Baboo, Parsohia Kala n, Summa, ChaguriaBaguria, Tekensi Tekensa, Chapia Anand Rai, Ahirauli, Barhya lala, Gauhania Mafi and Kusama Mafi					
7.	Micro Watershed Code	2B1C7e1d	2B1C7e1e				
	Treatable Area (ha)	2200.00	1466.00				
8.	Total Area of the Project	4073 ha	Rainfed Area = 3052.00 ha				
9.	Proposed Area for Treatment	3666 ha	Irrigated Area = 407 ha				
10.	Cost per Hectare	Rs. 12000 per ha					
11.	Project Period	YEAR 2009-10 TO 2013-14					
12.	Total Cost of Project	Rs. 439.92 Lakhs					
13.	Proposed man days	232200 Nos.					

Table 2: YEAR WISE PHASING (PHYSICAL & FINANCIAL) OF I.W.M.P.-I, Sant Kabir Nagar (U.P.)

S.

No.

1

2

3

4

5

6

7

8

9

10

Total

Consolidation - 3%

-

-

61.59

-

26.40

	2009	9-10	2010-11		201	1-12	2012-13		2013-14		тот	AL
Particulars	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.
Administrative Cost - 10%	2.20	-	6.60	-	11.88	-	11.88	-	11.44	-	43.99	-
Monitoring - 1%	-	-	0.88	-	0.88	-	0.88	-	1.76	-	4.40	-
Evaluation - 1%	-	-	1.32	-	0.77	-	0.77	-	1.54	-	4.40	-
Entry Point Activity - 4%	17.60	-	-	-	-	-		-		-	17.60	-
Institution & Capacity Building - 5%	2.20	-	11.00	-	3.30	-	3.30	-	2.20	-	22.00	-
DPR - 1%	4.40	-	-	-	-	-	-	-	-	-	4.40	-
Watershed Development work - 56%	-	-	32.99	490.88	71.93	1070.47	70.39	1047.38	71.05	1057.27	246.36	3666
Livelihood Activity - 9%	-	-	4.40	-	11.00	-	11.00	-	13.20	-	39.59	-
Production System & Micro Enterprise - 10%	-	-	4.40	-	11.00	-	11.00	-	17.60	-	43.99	-

-

110.75 1070.47

-

109.21

Area : ha Amount : In Lacs

13.20

439.92

-

3666

13.20

131.98

-

1057.27

-

1047.38

-

-

490.88

S.N.	Budget Component	Per cent	Total (lakhs)
Α.	1. Administrative	10	43.99
	2. Monitoring	1	4.40
	3. Evaluation	1	4.40
В.	 Preparatory Phase 1. Entry point activities 2. Institution and capacity building 3. Detailed Project Report(DPR) 	4 5 1	17.60 22.00 4.40
C.	 WATERSHED WORKS PHASE 1. Watershed development works 2. Livelihood activities for the asset less persons 3. Production system and micro enterprises. 	56 9 10	246.36 39.59 43.99
D.	CONSOLIDATION PHASE	3	13.20
	GRAND TOTAL	100	439.92

CHAPTER-1 INTRODUCTION & BACKGROUND

The IWMP – I project in Semeriyawa and Belhar block of Sant Kabir Nagar, Uttar Pradesh is located near Khalilabad town is a district headquarter of Sant Kabir Nagar. Two watersheds included in the project [Semeriyawa (2B1C7e1d) and Kusama Mafi (2B1C7e1e)] comprise of 50 villages. It is located in North-West part of the district. Total area of Watershed is 4073.00 ha out of which 3666.00 ha is proposed to be treated under IWMP Programme.

The watershed is proposed to be taken by Bhoomi Sanrakshan Adhikari, Department of Land Development & Water Resources, Sant Kabir Nagar for IWMP programme starting from 2009-10. It is proposed to be completed by 2013-14.

The Status of Integrated Watershed Management Programme as approved by Steering Committee, Govt. of India for Sant Kabir Nagar, Uttar Pradesh is given in Table Nos. 1.1, 1.2 and 1.3.

Details	No.	Area (Lac ha)
1	2	3
Total Micro watersheds in the district	143	164600
Workable Micro Watersheds	126	145269
Micro Watersheds already treated by DLWR & other agencies	18	20150
Balance Micro Watersheds (MWS) for treatment (Before start of IWMP in districts)	108	125119

Table 1.1: Status of watershed programme, District- Sant Kabir Nagar

Year	Project/ Phase IWMP	MWS	Area (ha)	na) Project Cost Rs. Lakh Name of PIA		S.C. Meeting Date
1	2	4	5	6	7	8
2009- 10	IWMP- I	2	3666	439.92	BSA, Sant Kabir Nagar	16-03-2010

Table 1.2: Approved plan (PPRs) by Steering Committee (SC)/Gov. of India, District- Sant Kabir Nagar

Table 1.3: Details of IWMP for which this DPR is Prepared

Watershed project IWMP	Micro Watersheds (MWS) detail			Name of Watershed in which MWS is falling (River / Nala name)	
IWMP-I	SEMERIYAWAN	2B1C7e1d	2200	Ami River	
IWMP-I	KUSAMA MAFI	2B1C7e1e	1466	Ami River	

MAIN OBJECTIVES FOR WATERSHED DEVELOPMENT

- (a) Conservation, development and sustainable management of natural resources including their uses.
- (b) Enhancement of agricultural production and productivity in a sustainable manner.
- (c) Restoration of ecological balance in the degraded and fragile rain-fed ecosystem.
- (d) Reduction in regional disparity between rain-fed and irrigated areas.
- (e) Creation of sustainable employment opportunities for the rural community for livelihood.

The main problem in a watershed is the soil erosion by rainfall. The runoff water transport the sediments which may block the channel head, dam, reservoir and storage structures, etc. Which in turn affect the agriculture production in the study area.

Table 1.4: Problem identification and prioritization for watershed

S. No.	Problem	Rank
1	Low production of field crops	3
2	Lack of drinking water	3
3	Lack of irrigation water	1
4	Lack of fodder availability and low annual productivity	7
5	Non-availability of fuel wood	5
6	Lack inputs like quality seeds, fertilizer, pesticides etc.	5
7	Lack of market facility	7
8	Lack of medical, educational and transportation facilities	8
9	Medical and health care facilities for milking animals and low productivity	7

Strength, Weakness, Opportunity and Threat (Swot) Analysis Is a Useful Decision Support Tool and detailed below.

Strength (S)	Weakness(W)
 1- Cooperative work culture is traditional activities 2- Close ethnic tier 3- Road at the top as well as outlet of the watershed 4- Hard working man power 	 Poor water management Resource poor farmers Out migration of youth High and erotic rainfall
 5- Resource pool of crop genetic diversity 6- Awareness of farmers about watershed management program 7- Well established CPR maintaining and sharing system 8- Good productivity of soil. 9- Social outlook of the community towards landless 	 5- Fragile geography 6- Fragmented land holding. 7- Heavy infestation of wild animals 8- Problem of fuel and fodder
Opportunities(O)	Threats (T)
 1- Wide range of annual and perennial crops 2- Scope of regular employment opportunity to check out migration 3- Strengthening of existing irrigation system 4- Conductive climate for rainfed crop diversification 5- Good scope for agro-forestry and dry land horticulture. 6- Potential for collective active action and management of CPRs. 	 Prone to adverse climate like water logging and inundation High market risk Social conflicts owing to PRI & WSM policies and local policies. Weak coordination among line departments. Lack of expertise of implementing agencies in different aspect of WSM.

 Table 1.6: A SWOT analysis of watershed is presented as below:

Table 1.7: Weightage of the Project

District	Name of the Project	No. of micro- watersheds proposed to be covered	Proposed project area (ha)	Proposed cost (Rs. in lakh)	Weightage								
Sant	IWMP-	2	2666	420.02	i	ii	iii	iv	v	vi	vii	viii	ix
Kabir Nagar	I	2	3666	439.92	10	5	10	10	0	0	10	5	10
					х	xi	xii	xiii	xiv				
					5	5	5	0	75				

CHAPTER – 2 GENERAL DESCRIPTION OF PROJECT AREA

Location: -

The micro-watershed IWMP-I is situated in Semeriyawa and Belhar block of Sant Kabir Nagar, U.P. It is located near Khalilabad, about 8 km from the district. It is well connected by matte led road. The project area lies in North –West part of Sant Kabir Nagar, U.P. The details about micro-watersheds, their geographical location (lat/long), Gram Panchayat, villages and its geographical area, etc. are given in Table 2.1

Table 2.1: Micro-watershed wise details of location, Gram Panchayat, villages and geographicalarea of IWMP- I, Sant Kabir Nagar

S. No.	Name of micro watershed with Code	Latitude /Longitude	Name of GP	Names of villages	Name of Block	Area of village included in MWS	Details of important /approach road with distance km			
1	2	3	4	5	6	7	8			
			Bigra Mir	Bigra Mir	SEMARIYAWAN	119.44	25 km			
			Bigra Awaal	Bigra Awaal	11	117.81	20 km			
	SEMARIYAWAN / 2B1C7e1d	26051'15"N to 26054'14"N / and 82053'12"E to 82059'03"E	Tinhari Mafi	Tinhari Mafi, Navipur	~ ~	125.47	21 km			
			Tilja	Tilja	* *	164.44	25 km			
			Sunora Gosi	Sunora Gosi	* *	86.00	35 km			
1			26054'14"N and 82053'12"E to	26054'14"N and 82053'12"E	26054'14"N and 82053'12"E	and 82053'12"E	Bharwalia Budhan	Bharwalia Budhan, Bharwalia Chak	~ ~	70.26
	2010/010							Dashanwa	Dashanwa	1.1
				Jatediha Duboliya	Jatediha Duboliya, Gangecha	×	224.78	21 km		
			Mudadiha Beg	Mudadiha Beg, Rasulpur Mishroliya, Chainpur		307.51	15 km			

			Dudhara	Dudhara, Banhaeta		377.37	32 km
			Madaarpur	Madaarpur, Laukilala	\ \	120.01	23 km
			SEMARIYAWAN	SEMARIYAWAN	* *	329.96	24 km
			Chorha	Chorha	* *	124.87	23 km
			Badya Mafi	Badya Mafi	* *	67.97	26 km
			Muhammad Garh	Muhammad Garh, Madna		125.58	29 km
			Dariyabad	Dariyabad, Kathakpurwa		176.86	28 km
			Pipra Gobind	Pipra Gobind	* *	65.47	29 km
			Parsa Shekh	Parsa Shekh, Dewariya shekh		179.74	26 km
		26052'40"N to 26054'14"N and 82056'45"E to	Siswa Dakhini	Siswa Dakhini, Gartholi, Pipra Hankar		209.28	32 km
	KUSAMA MAFI / 2B1C7e1e		Ahiroli	Ahiroli, Katya, Tanksi Tanksa, Chapiya Anandrai		228.66	32 km
			Changuriya Banguriya	Changuriya Banguriya		168.36	26 km
2			Dhusura	Dhusura, Bhangura Ahirani, Rautpar, Manjhari		102.02	21 km
		82000'01"E	Gohaniya Mafi	Gohaniya Mafi, Kusma Mafi	BELHAR	291.04	22 km
			Hatwa	Hatwa, Biranjot, Bharwaliyababu, Parsohiyakala		136.25	26 km
			Summa	Summa, Bhikhadand	\ \	125.23	21 km
			Badhyalala	Badhyalala	* *	38.55	26 km
			Pakri Argi Diwahari	Pakri Argi Diwahari	• •	155.69	36 km

AREA

Most of the project area is under North Eastern Plain Zone (Zone-4) which is having abundant surface. Rabi is the main crop which produces wheat, while Kharif crop affecting inundation during monsoon. The total project area is about 4073 ha, out of which 198.00 ha is irrigated while 3666.00 ha is under rainfed agriculture. Some parts of the project area are more hazardous in term of erosion and inundation.

PHYSIOGRAPHY

The Project area being the part of lower Rapti - Saryu Deob is a north central part of middle Ganga valley. There are also some low lying Chaurs which remain submerged for considerable period of time. The rivers Ghaghara and Rapti carry huge quantity of silt during the floods and deposit the same in its bed owing to poor slope and this results in the tendency to meander and consequent inundation of vast areas. Flooding is generally caused owing to spilling of river water over banks in the entire area of the Rapti-Saryu Doab. The land is characterized by almost a level and uniform topography with slight undulation caused by river tributaries and other water bodies. Geologically, it is mainly composed of Gangetic alluvium; the deposition of which commenced from the Pleistocene period after the final upheaval of the Himalayas and is still continuing. It consists of inter bedded layers of sand, silt and clay which are associated at several places with kankar. The major water body of the project area is falls in 63N/13 topographical map of Survey of India.

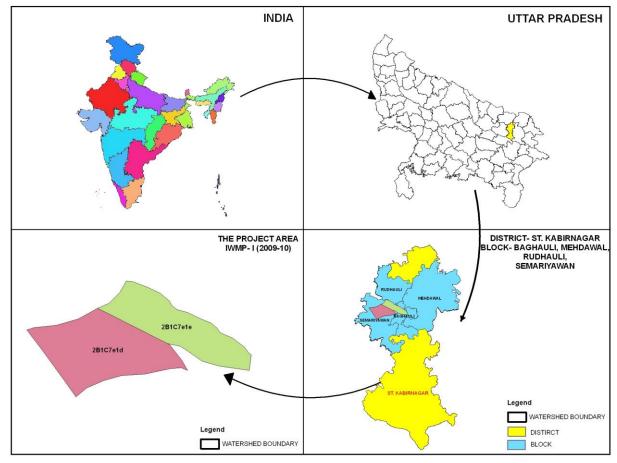
HUMIDITY

During the monsoon and the post monsoon seasons the relative humidity are high ranging between 70 and 85 per cent. In the winter months humidity decreases and in summer the air is comparatively drier.

(18)

WATER QUALITY

The ground water quality of the project area is found to be suitable as per drinking water standard (ISO:10500) the average pH value ranges from 7.5 to 7.8, the Electric conductivity of the ground water varies from 957 to 1125 us/cm. The overall analysis of the ground water shows that the water is suitable for the drinking purpose. The water level in the project area ranges from 5.0 to 7.0 meter.



LOCATION MAP

Area and Landuse:

Total geographical area of the watershed is 4073.00 ha out of which 3666.00 ha area is selected for treatment. Existing landuse information is prerequisite for any planning purpose therefore present landuse information are given in Table 2.2.

S. No.	Watershed Code	Name of villages falling in the watershed	Fallow Land	Agriculture	Built- Up Land	Water Bodies	Plantation	Total
1	2B1C7e1d	Vigra Meer, Mudadeeh Beg, Chainpur,Vigra Aual, Tilja, Nasipur, Bharwalia Chak, ,Gangaicha,Madarpur, Garthauli, Siswa Dakhini, Dudhara, Parsa Sheikh, Jate Deeha Dubaula, Bharawalia Budhan, Sonaura Gausi, Dashawan, Kataya	191.8	1734	19.2	42.7	353	2340.7
2	2B1C7e1e	Semeriyawan, Pipra Hankar, Bhirwa Dand, Deoria Sekh, Chorha, Barhya Mafi, Tinhari, Rasoolpur, Raut Par, Muhammad Garh, Madana, Dariyabad, Kathak Purwa, Pipra Govind, Misraulia, Ghusura, Banhita, Lauki Lala, Bhagur Hirani, Pakari Arigi Diwahari, Hatava, Beeran Joat, Bharvalia Baboo, Parsohia Kalan, Summa, Chaguria Baguria, Tekensi Tekensa, Chapia Anand Rai, Ahirauli, Barhya Iala, Gauhania Mafi and Kusama Mafi	167.2	1243	12.8	46.3	263	1732.3
		Total	359	2977	32	89	616	4073

Source: As interpreted from HRS data.

LAND CAPABILITY CLASSIFICATION (LCC)

Land capability classification(LCC) is crucial for appropriate land use planting consisting of practiced like choice of vegetation /crops, tillage practices, use of scientific method of cultivation and desirous conservation practices, Detailed LCC Survey carried out in the watershed brought out the prevailing LCC classes as I,II,III,IV,V, VI and VII.

SI. No.	Name of MWS &			Land	Capability C	Class		
NO.	code	II	III	IV	v	VI	VII	Main Problem
1	2	3	4	5	6	7	8	9
1	SEMARIYAWAN 2B1C7e1d	2254.411	460.578	41.42	66.394	-	-	Sheet Erosion, Class-ii, iii Gully Erosion,
2	KUSAMA MAFI 2B1C7e1e	1120.376	802.143	50.176	90.18	-	-	Class-iv High Gully Erosion, Class-v,

Table 2.3: Area under Different Land Capability Class (LCC)

WATERSHED

Using the concept that 'water runs downhill', a watershed is defined by all points enclosed within an area from which rain falling at these points will contribute water to the outlet. Each watershed has unique characteristics and problems. Its treatment and management would therefore require careful consideration of various site specific factors like topography (shape, configuration and slope of the land), nature and depth of soil cover, type of rocks and their pattern of formation and layout, water absorbing capacity of land, rainfall intensity, land use etc. Both the watersheds are almost circular in shape as per the runoff from various parts of their surface.

	Details of		Locat	tion	Elevation of watershed from Mean Sea level			
S. No.		Settlement	Latitude (N)	Longitude (E)	Highest in Meter	Lowest in Meter	Relief Height Difference	
1	Semeriawan / 2B1C7e1d	Vigra Meer, Mudadeeh Beg, Chainpur, Vigra Aual and others	26051'15"N to 26054'14"N	82053'12"E to 82059'03"E	290	270	20	
2	Kusama Mafi / 2B1C7e1e	Chapia Anand Rai, Ahirauli, Barhya Iala ,Gauhania Mafi and others	26052'40"N to 26054'14"N	to to		275	15	

Table 2.4: Elevation Range, Longitude/ Latitude, Relief Height Difference of the MWS

Slope:

Slope map of the micro watershed was prepared. Slope categories were divided into different class viz. 0-0.5%, 0.5-1.0%, 1-3%, 3-5% and more than 5% and data is presented in Table 2.5 below. The maximum slope area, in the micro-watershed, falls in the category were 1-3% (2359.281 ha) followed by 3-5% (115.162 ha)

			Slope range wise area (ha)								
SI. No.	Name of MWS & code	0-05%	0.5-1%	1-3%	3-5%	>5%		Others Specify			
				10/0		5-10%	10-15%	15-35%			
1	2	3	4	5	6	7	8	9			
1	SEMARIYAWAN / 2B1C7e1d	274.306	824.057	1127.560	54.076	-	-	-			
2	KUSAMA MAFI / 2B1C7e1e	106.801	392.392	1231.721	61.086	-	-	-			

Table 2.5: Slope Range in the Project Area

Climate: The Project area falls in Semi-Arid zone. The average temperature varies from $3-4^{\circ}$ C in January, to $44-40^{\circ}$ C in May & June. There are three distinct seasons – The Cold season from November to March, summer from March to Mid June and the Rainy season from Mid June to September. The area has about 1166 mm of average rainfall. Floods are a recurring problem causing damage to crops, life and property. The relative humidity is high, being above 70 to 80° % in the monsoon season. There are occasional cloud-burst in the monsoon season.

Manth			Year/Ra	infall in mm.		
Month	2006	2007	2008	2009	2010	Average
January	0.00	0.00	0.00	0.00	5.10	1.02
February	0.00	0.00	0.00	0.00	13.20	2.64
March	0.00	0.00	0.00	0.00	0.00	0.00
April	0.00	0.00	0.00	0.00	0.00	0.00
Мау	320.40	78.00	24.00	0.00	1.70	84.82
June	198.20	581.80	403.00	36.60	23.40	248.60
July	177.80	366.60	437.70	145.20	150.80	255.62
August	135.60	232.80	290.90	337.50	196.90	238.74
September	13.60	4.00	60.70	108.70	388.40	115.08
October	0.00	0.00	34.10	99.00	44.90	35.60
November	0.00	0.00	0.00	0.00	0.00	0.00
December	0.00	0.00	0.00	4.70	0.00	0.94

Table 2.6: Average monthly rainfall, and Temperature of the last five years

Source: IMD

Agro-Climate Conditions

The Agro-Climate condition of the project area of Sant Kabir Nagar is briefly described in Table 2.7 below.

S. No.	Name of the District	Name of the Project		in ha - ic s ct		Major soil types		Topo- graphy	Average rainfall in	Major crops	
						a)Type	b) Area in ha		mm (preceding 5 years average)	a) Name	b) Area in ha
1.	SANT	I.W.M.P.	Eastern	4073	50	Sandy		Undulating	770	Kharif	2000.04
	KABIR NAGAR	- I	Plain Zone-4			Loam	3258			Rabi	1569.00
										Total	3569.04

Table- 2.7: DETAILS OF AGRO-CLIMATE CONDITIONS

Source: PPR 2009-10

The Wind velocity of the Project area ranges from 4-17 Km/hr. The open pan evaporation varied in the range of 0.5 to 20 mm/day during the year with average of about 5 mm/day. Average relative humidity varied in the range of 25% to 98%. The details of flood and drought in the project area have been given in Table 2.8.

Name of Micro Watershed	Particulars	Villages	Per	iodicity	Not affected
			Annual	Any other (please specify)	
Semeriawan /	Flood	No. of villages	-	-	Not affected
2B1C7e1d		Name(s) of villages	-	-	
	Drought	No. of villages: 50	-	-	
Kusama Mafi / 2B1C7e1e		Name(s) of villages: Vigra Meer, Mudadeeh Beg, Chainpur, Vigra Aual, Tilja, Nasipur, Deoria Sekh, Bharwalia Chak, Gangaicha, Pipra Hankar, Bhirwa Dand, Madarpur, Garthauli, Siswa Dakhini, Dudhara, Parsa Sheikh, Rasoolpur, Jate Deeha Dubaula, Bharawalia Budhan, Sonaura Gausi, Dashawan, Kataya, Semiyawan, Chorha, Barhya Mafi, Tinhari, Raut Par, Muhammad Garh, Madana, Dariyabad, Kathak Purwa, Pipra Govind, Misraulia, Ghusura, Banhita, Lauki Lala, Bhagur Hirani, Pakari Arigi Diwahari, Hatava, Beeran Joat, Bharvalia Baboo, Parsohia Kalan, Summa, Chaguria Baguria, Tekensi Tekensa, Chapia Anand Rai, Ahirauli, Barhya Iala, Gauhania Mafi and Kusama Mafi		Alternate after every 2-3 years	

Table 2.8: Details of Flood and Drought in the Project Area (IWMP-I, Sant Kabir Nagar)

Watershed Characteristics

Shape and Size

The shape (IWMP -I, SANT KABIR NAGAR) of watershed code no 2B1C7e1d is circular and watershed code no 2B1C7e1e is liner. The direction of the slope in the project area is north-west to southeast.

Topography:

The entire watershed is divided into three major landforms. Such as Plain, Moderate land Undulating, the soils of watershed can be grouped into two major categories viz. Loam and Clay. The annual soil erosion in the project area is 20 to 25 tons/year as detailed below.

S. No.	Name of the Project		Soil Erosion (ha)			Run-Off (mm/yr)	Average Soil Loss in	Wind Erosion
		Sheet	Rill	Gully	Total		tons/ha/yr	
1	IWMP – I	3100	900	73	4073	462	30 to 32	N.A.

Table- 2.10: DETAIL OF SOIL EROSION (I.W.M.P-I), SANT KABIRNAGAR

Source: PPR 2009-10

CHAPTER-3

BASELINE SURVEY

SOCIO-ECONOMIC CONDITIONS

A detailed baseline survey has been conducted for preparation of overall development plan and future sustainability of ecological balance. Individual house hold survey for human resources and benchmark survey for all the natural resources of the study area have been conducted. The details are given below:

Economic condition of the human being in the project area carried out by taking direct benefits and cost ratio, considering 30 year project life at 10% discount rate. For the purpose of economic analysis, whole watershed development plan is divided into four sectors namely agriculture (rainfed and irrigated), pure horticulture, agro-horticulture and silvi pastoral (Silvi-Pastoral + sericulture). Net present value (NPV), Benefit Cost Ratio (BCR), Payback Period (PBR) and internal rate of return (IRR) criteria is employed to judge the economic efficiency of each enterprise, sector and project as a whole.

Details of the population of the micro watershed are given in Table 3.1. About 18% population is scheduled caste. Due to hard life and low seasonal income in the area a large number of people migrate to large cities where they work as daily labour / rickshaw puller.

S.	Code Micro	Name of village	Тс	tal Popula	tion	Рор	ulation of S	SC/ST
No.	Watershed	Name of village	Total	Male	Female	Total	Male	Female
1	2	3	4	5	6	7	8	9
		Vigrameer	3081	1567	1514	109	51	58
		Vigraual	1865	972	893	627	337	290
		Tinhari Mafi	1860	964	896	156	84	72
		Nabipur	642	325	317	117	60	57
		Tilja	1971	975	996	344	172	172
		Sonaura Gausi	667	344	323	109	54	55
		Bharwalia Bhudhan	923	493	430	94	57	37
		Bharwalia Chak	649	332	317	163	82	81
		Dashawan	1987	1012	975	305	137	168
		Jate Deeha Dubaulia	1491	743	748	150	86	64
		Gangaicha	1229	644	585	223	124	99
		Mudadeeha Beg	2044	1023	1021	322	159	163
1	2B1C7e1d	Rasoolpur Misrauliya	383	174	209	68	32	36
Т	2BIC/eIu	Chainpur	165	90	75	0	0	0
		Dudhara	4881	2540	2341	455	251	204
		Banhita	0	0	0	0	0	0
		Madarpur	949	472	477	189	91	98
		Lauki Lala	906	421	475	164	80	84
		Semeriyawan	5874	3009	2865	904	465	439
		Chorha	1326	717	609	158	86	72
		Barhya Mafi	1878	922	956	292	140	152
		Muhammad Garh	732	338	394	216	97	119
		Madana	754	365	389	42	22	20
		Dariyabad	2007	990	1017	381	177	204
		Kathak Purwa	650	415	235	7	4	3
		Pipra Govind	1298	661	637	202	103	99

Table 3.1: Demographic Features in the project area IWMP – I, Sant Kabir Nagar

		Parsa Sheikh	1679	808	871	293	142	151
		Deora Sekh	1092	533	559	233	114	119
		Siswa Dakhini	2236	1145	1091	107	46	61
		Garthauli	549	294	255	100	55	45
		Pipra Hankar	1604	854	750	81	38	43
		Kataya	178	94	84	180	89	91
		Ahirauli	791	410	381	151	78	75
		Tekensi Tekensa	356	169	187	122	55	67
		Chapia Anand Rai	544	179	265	16	8	8
		Dhusura	685	358	327	327	123	68
		Bhagur Hirani	601	291	310	103	51	52
2	2B1C7e1d	Majhari	330	180	150	49	29	20
2	2B1C/e1d	Raut Par	466	259	207	197	110	87
		Chaguria Baguria	1642	770	872	570	263	307
		Gauhania Mafi	1061	511	550	92	36	56
		Kusama Mafi	989	494	595	271	137	134
		Beeran Joat	452	234	218	25	14	11
		Hatava	1281	650	631	123	61	62
		Bharvalia Baboo	619	293	326	145	68	77
		Parsohia Kalan	0	0	0	0	0	0
		Bhirwa Dand	325	161	164	17	9	8
		Summa	872	431	441	335	169	166
		Barhya lala	408	208	200	10	5	5
		Pakari Arigi Diwahari	2154	1090	1064	138	85	53
	Total		61126	30924	30192	9482	4736	4612

		NO	Wage employment							Self employment							
S.		of the	No. of mandays			No. of beneficiaries				No. of beneficiaries							
No.		villages	SC	ST	Others	Wo- men	Tot al	SC	ST	Others	Wo- men	Total	SC	ST	Others	Wo- men	Total
1-	SANT KABIR NAGAR	50	0.948	-	0.880	0.22	2.2	1290	-	2010	190	3490	160	-	230	55	445

Table 3.2: Details of Employment Generation

Table 3.3: Details of seasonal migration from Project area: Pre-project status

Names of Watershed	No. of village	No. of persons migrating	No. of days per year of migration	Major reason(s) for migrating	Expected reduction in no. of persons migrating		
2	3	4	5	6	7		
Semeriawan / 2B1C7e1d, Kusama Mafi / 2B1C7e1e	50	190	120	Unemployment	100		

Horizon	Depth(Cm)	Morphology
Α	0-150	Yellowish brown in colour, clay content > 80%, soft and easily erodible when moist, hard when dry, high elasticity, Cracks occur when dried.
В	150-800	whitish brown in colour, very hard when dry, clay content > 60%
С	>800	(Black and sandy)

Table 3.4: Typical soil profile of the watershed (dominant soil)

Soil Texture:

Four types of soils are in the watershed area. The fertility status is about normal range due to production of major pulses crops. There is scarcity of phosphorus due to continuous growing of pulses. The four soil samples of each village, three for nutrients analysis and one for sulphur and micro nutrients analysis have been send to laboratory. After receiving the analysis report effort will be made to motivate the farmers to use nutrients and micronutrients according to the any analysis report. For this demonstration of crop in Kharif and Rabi, both seasons have been proposed under agriculture production activity.

LAND HOLDING PATTERN:

Sant Kabir Nagar district is dominated by small and marginal farmers (76 percent). These small and holding are further scattered in different places which makes cultivation very difficult. Size of land holding village-wise is being given below:

S. No.	Code of Micro watershed	Village Name	Marginal	Small	Large	Landless	Total	No. of households	No. of BPL
1	2	3	4	5	6	7	8	9	11
		Vigrameer	337	90	12	5	444	365	344
		Vigraual	305	102	11	3	421	227	99
		Tinhari Mafi	136	68	7	5	216	216	98
		Nabipur	60	55	14	0	129	93	32
		Tilja	310	105	13	2	430	298	217
		Sonaura Gausi	86	25	7	2	120	103	62
		Bharwalia Bhudhan	95	30	3	4	132	124	52
		Bharwalia Chak	65	18	3	0	86	55	23
		Dashawan	145	42	4	4	195	250	102
		Jate Deeha Dubaulia	160	30	4	5	199	181	155
		Gangaicha	157	72	4	2	235	171	50
		Mudadeeha Beg	265	70	10	4	349	258	98
1		Rasoolpur Misrauliya	185	50	8	2	245	112	49
1	2B1C7e1d	Chainpur	30	10	0	0	40	24	13
		Dudhara	324	245	10	5	584	574	239
		Banhita	0	0	0	0	0	0	0
		Madarpur	105	28	3	2	138	121	62
		Lauki Lala	86	64	4	3	157	157	74
		Semeriyawan	425	313	12	25	775	775	277
		Chorha	110	59	2	2	173	173	77
		Barhya Mafi	114	75	10	5	204	204	93
		Muhammad Garh	56	47	6	0	109	109	80
		Madana	53	39	0	0	92	92	72
		Dariyabad	142	99	20	10	271	271	173
		Kathak Purwa	31	20	3	1	55	55	23
		Pipra Govind	116	78	2	0	196	196	172
2	2P1C7o1d	Parsa Sheikh	272	50	10	4	336	317	132
2	2B1C7e1d	Deora Sekh	35	18	4	0	57	54	19

Table 3.5: Details of land holding pattern

	Siswa Dakhini	198	25	2	2	227	304	156
	Garthauli	48	20	4	2	74	46	41
	Pipra Hankar	115	25	0	2	142	145	62
	Kataya	40	10	0	2	52	37	20
	Ahirauli	58	36	0	2	96	96	50
	Tekensi Tekensa	32	24	0	0	56	56	35
	Chapia Anand Rai	43	26	0	0	69	69	38
	Dhusura	40	35	10	1	86	86	62
	Bhagur Hirani	55	35	1	0	91	91	66
	Majhari	48	26	2	1	77	39	20
	Raut Par	35	19	2	1	57	57	39
	Chaguria Baguria	134	80	6	5	225	225	108
	Gauhania Mafi	102	75	0	0	177	107	62
	Kusama Mafi	73	56	2	0	131	131	41
	Beeran Joat	32	27	0	0	59	59	11
	Hatava	112	81	5	2	200	195	35
	Bharvalia Baboo	60	33	4	3	100	100	22
	Parsohia Kalan	0	0	0	0	0	0	0
	Bhirwa Dand	25	10	1	0	36	36	15
	Summa	80	43	4	2	129	139	42
	Barhya lala	32	23	2	1	58	58	24
	Pakari Arigi Diwahari	177	130	4	2	313	313	117
Total		5744	2741	235	123	8843	7964	3953

Table 3.8: Major Crops, their Productivity and Production

Traditional practices causing low productivity in the Project area. Mixed farming in the combination of agriculture and live stock is also quite common in all the areas. Micro-watershed wise grown crops, their productivity and production are given below:

_			(1)	Produc	tivity		Proc	luction (q)	
S. No.	Crop.	Area	(ha)	(q/ł		Grain/Ma	in product	Fodder/Fuel/	other Product
110.		Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed
Α	Kharif								
1	Paddy	85.36	922.36	0.00	8.00	0.00	7378.88	0.00	11068.32
2	Maize	0.00	175.60	0.00	1.47	0.00	258.13	0.00	387.20
3	Arhar	0.00	135.24	0.00	7.87	0.00	1064.34	0.00	1596.51
4	Urd/Mung	0.00	141.23	0.00	5.08	0.00	717.45	0.00	717.45
5	vegetables (Cropwise)	11.50	0.00	0.00	220.40	0.00	12529.74	0.00	12529.74
6	Fodder	20.20	56.85	0.00	0.00	0.00	0.00	0.00	0.00
	Other, specify	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	117.06	1431.28		242.82		21948.54		26299.21
В	Rabi								
1	Wheat	185.69	1154.21	25.00	18.00	4642.25	20775.78	1890.00	31163.67
2	Barley	0.00	0.00	0.00	10.47	0.00	0.00	0.00	0.00
3	Masoor	0.00	273.20	0.00	4.80	0.00	1311.36	0.00	1639.20
4	Gram	0.00	15.20	0.00	6.56	0.00	99.71	0.00	124.64
5	Реа	0.00	7.50	0.00	10.43	0.00	78.23	0.00	78.23
6	Mustard	0.00	496.35	0.00	4.26	0.00	2114.45	0.00	3171.68
7	Potato	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	vegetables (Cropwise)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Fodder	0.00	12.70	0.00	0.00	0.00	0.00	0.00	0.00
	Other, specify	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Total	185.69	1959.16	25.00	54.52	4642.25	24379.53	1890.00	36177.41
С	Zaid								
	Sugarcane	495.6		0		0		0	
	Cultivable Area 2977 Cropping Intensity		140.71						

Summary

It was found that the productivity of wheat, Gram, Paddy and Sugarcane are mainly grown in the project area. Overall cropping intensity of the project area is 140.71%.

Livestock Population

Animal husbandry sector within agriculture sector contributes more than 25% total value of put. The district has favorable agro-climatic conditions, land-holdings and occupational patterns and socio-economic acceptability for the development of dairy. There are 17 veterinary hospitals 21 Animal Service Centre and 36 Artificial Insemination centre. However these facilities are not available to the desired level and the government is already taking steps to augment the same. There is no problem for fodder availability because the district is a predominantly a crop producing. Milk chilling capacity is inadequate, the network of vet. Hospitals and AI centre is not up to desired level. Since about 76% of the farmers in the district are small and marginal farmers, there exists great potential for goat/piggery development. Livestock rearing by rural population has immense potential. The details of livestock population are given below:

Table 3.11: Livestock Population in IWMP-I, Sant Kabir Nagar

All Figure in No.

	Name of			Cow	But	falow						Poultry	7	Other
S. No.	Micro watershed with code.	Name of Village	Desi	Cros- sed	Desi	Murrah	Ox/Bull	Goat	Sheep	Pigg- eries	Broi- ler	Lay- ers	Total	specify
1	2	3	4		5	6	7	7	8	9	10	11	12	13
		Vigrameer	0	0	35	5	0	60		0	120	30	150	
		Vigraual	5	2	70	10	0	225	0	0	110	15	125	
		Tinhari Mafi	11	4	17	3	0	600	0	0	250	50	300	
1	2B1C7e1d	Nabipur	5	0	95	20	2	200	0	0	10	0	10	
		Tilja	12	3	120	25	6	540	0	0	325	25	350	
	-	Sonaura Gausi	1	0	7	1	3	50	0	0	35	15	50	
		Bharwalia Bhudhan	7	3	41	9	0	100	0	0	36	14	50	

		Bharwalia Chak	3	2	16	4	8	150	0	0	90	10	100	
		Dashawan	9	3	24	6	35	500	0	0	135	21	156	
		Jate Deeha Dubaulia	3	1	8	2	10	50	0	0	275	35	310	
		Gangaicha	2	0	17	3	2	50	0	0	41	9	50	
		Mudadeeha Beg	7	3	94	11	2	173	0	0	135	25	160	
		Rasoolpur Misrauliya	2	0	28	7	2	215	0	0	85	15	100	
		Chainpur	3	2	8	2	0	100	0	0	42	8	50	
		Dudhara	38	22	22	8	50	4000	0	0	400	50	450	
		Banhita	0	0	0	0	0	0	0	0	0	0	0	
		Madarpur	8	4	22	5	2	510	0	0	48	12	60	
		Lauki Lala	3	2	104	21	2	250	0	0	390	50	440	
		Semeriyawan	0	0	83	17	0	410	0	0	170	30	200	
		Chorha	4	1	55	10	10	400	0	0	210	40	250	
		Barhya Mafi	0	0	8	2	0	450	0	0	75	25	100	
		Muhammad Garh	4	0	42	8	0	200	0	0	105	20	125	
		Madana	3	2	36	9	0	155	0	0	115	25	140	
		Dariyabad	4	1	38	12	0	100	0	0	75	25	100	
		Kathak Purwa	2	1	8	3	2	115	0	0	86	19	105	
		Pipra Govind	3	0	24	6	0	225	0	0	440	60	500	
		Parsa Sheikh	4	2	19	6	7	170	0	0	55	15	70	
		Deora Sekh	4	0	11	4	13	130	0	0	40	10	50	
		Siswa Dakhini	9	6	12	3	0	52	0	0	180	30	210	
		Garthauli	5	2	30	7	0	253	0	0	130	20	250	
2	2B1C7e1d	Pipra Hankar	5	2	7	2	0	52	0	0	160	50	210	
_		Kataya	11	4	19	6	0	50	0	0	190	60	250	
		Ahirauli	3	1	28	7	4	50	0	0	65	15	80	
		Tekensi Tekensa	0	0	19	6	0	40	0	0	60	15	75	
		Chapia Anand Rai	4	1	22	8	2	60	0	0	20	5	25	
		Dhusura	3	0	6	0	0	125	0	0	50	15	65	

	Bhagur Hirani	2	0	95	15	10	100	0	0	20	5	25	
						-		-	•	-	-	-	
	Majhari	0	0	30	5	10	50	0	0	10	3	13	
	Raut Par	3	2	23	7	2	50	0	0	0	0	0	
	Chaguria Baguria	9	5	88	17	0	210	0	0	240	25	265	
	Gauhania Mafi	13	5	64	16	10	35	0	0	25	5	30	
	Kusama Mafi	14	6	58	12	6	40	0	0	120	30	150	
	Beeran Joat	5	0	8	2	0	105	0	0	22	3	25	
	Hatava	6	2	59	11	0	110	0	0	190	30	220	
	Bharvalia Baboo	11	4	32	8	8	70	0	0	30	10	40	
	Parsohia Kalan	0	0	0	0	0	0	0	0	0	0	0	
	Bhirwa Dand	0	0	0	0	0	55	0	0	15	2	17	
	Summa	15	5	63	12	10	40	0	0	27	8	35	
	Barhya lala	3	0	19	6	0	20	0	0	20	5	25	
	Pakari Arigi Diwahari	2	1	87	18	0	355	0	0	180	35	215	
Total of	270	104	1821	387	218	12050	0	0	5652	1024	6776		

SUMMARY OF LIVELIHOOD

1	2	3	4	5	6
S. No.	Names of the villages	Existing livelihood activities	Possible livelihood interventions under the project	Current status of migration (No. of people)	Main reasons for migration
1		-	Ag. Self employment fisheries Agriculture and Additional activities Vegetable production	190	Unemployment

Table 3.13: Ground Water Status

S. No.	Name & Code of Micro watershed	-	pth of Ground Water Table elow Ground level) in Meter No. of Observatio well		
		Before Monsoon	After Monsoon		
1	2	3	4	5	6
1	Semeriawan / 2B1C7e1d	Avg. 6.50	Avg. 5.25	5	
2	Kusama Mafi / 2B1C7e1e	Avg. 6.50	Avg. 5.25	7	

Table 3.14: Details of infrastructure in the project areas

S. No.	Code of Micro Watershed	Gram Panchayat		Parameters		St	atus										
1	2	3		4			5										
			(i)	Name of villages connected to the main road by an all-weather road		24	Kms										
			(ii)	Village's Name provided with electricity		١	íes										
			(iii)	No. of households without access to drinking water		More	than 875	5									
			(iv)	No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	(P)	(S)	(HS)	(VI)									
			(v)	Names of villages with access to Primary Health Centre	23 (p)												
		Dudhara, Parsa Shekh,	(vi)	Names of villages with access to Veterinary Dispensary	2												
1	2B1C7e1d	Muhammd	Muhammd	Muhammd	Muhammd	Muhammd	Muhammd	Muhammd	Muhammd	Muhammd	,	(vii)	Names of villages with access to Post Office			2	
		Choraha, Barhya Mafi,	(viii)	Names of villages with access to Banks	7												
		Tinahari Mafi	(ix)	Names of villages with access to Markets/ mandis			15										
											(x)	Names of villages with access to Agro-industries	-				
			(xi)	Total quantity of surplus milk deficit		•	n	•									
				No. of milk collection centres													
			(xii)	(e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	(U)	(S)	(PA)	(0)									
			(xiii)	Name of villages with access to Anganwadi Centre			-										
			(xiv)		Any other facilities with names of villages (please specify)			-									

S. No.	Code of Micro Watershed	Gram Panchayat		Parameters		St	atus	
1	2	3		4			5	
		(I) an	(i)	Name of villages connected to the main road by an all-weather road	22 Kms			
			Village's Name provided with electricity		١	ſes		
			(iii)	No. of households without access to drinking water		<u> </u>	570	
				No. of educational institutions :				
			(iv)	Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	(P)	(S)	(HS)	(VI)
			(v)	Names of villages with access to Primary Health Centre			10	
		Bhangura Ahirani,	(vi)	Names of villages with access to Veterinary Dispensary	1			
2	2B1C7e1e	Garthauli, Pakari Aragi	(vii)	Names of villages with access to Post Office	1			
		Dewahari,	(viii)	Names of villages with access to Banks	1			
		Gauhaniya Mafi,	(ix)	Names of villages with access to Markets/ mandis			3	
			(x)	Names of villages with access to Agro-industries	s -			
			(xi)	Total quantity of surplus milk deficit		1	-	
				No. of milk collection centres				
			(xii)	(e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	(U)	(S)	(PA)	(0)
		(xiii) Name of villages with access to Anganwadi Centre					-	
			(xiv)	Any other facilities with names of villages (please specify)	-			



The details of PRA exercise in the Project Area





CHAPTER - 4 INSTITUTION BUILDING & PROJECT MANAGEMENT

Project Implementing Agency: The Project Implementing Agency (PIA) for IWMP-I, Sant Kabir Nagar is BSA, Bhoomi Sanrakshan Unit, Land Development and Water Resources Department, District Sant Kabir Nagar, Uttar Pradesh. The project implementing agency was selected by State Level Noday Agency (SLNA) for Integrated Watershed Management Program (IWMP) in Sant Kabir Nagar. The PIA was given responsibility to develop the micro-watershed by District Watershed Development Unit (DWDU) and State Level Nodal Agency (SLNA) considering its vast experiences in handling land and water management issues in the region. The PIA has well experienced trained and sufficient staff to handle the watershed management programme efficiently.

The PIA will put dedicated Watershed Development team and will provide necessary technical guidance to the Gram Panchayat for preparation of Development Plans for the Watershed Projects through Participatory Rural Appraisal exercise. PIA will also undertake **a**) Community Organization, **b**) Trainings for the village communities, **c**) supervise Watershed development Activities, **d**) inspect & authenticate project accounts, **e**) monitor & review the overall project implementation, **f**) set up institutional arrangements for post project operations and g) maintenance and further development of the assets created during the project period.

Table 4.1: Details of Project Implementing Agency (PIA)Project- IWMP IIIDistrict - Sant Kabir Nagar

S. No.		Particulars of PIA
1	2	3
(i)	Date of selection of PIA	28-5-2010.
(ii)	Type of organization	Govt.
(iii)	Name of organization	Bhoomi Sanrakshan Unit, Land Development and Water Resources Department, District Sant Kabir Nagar (U.P.)
(iv)	Designation & Address	BSA, Bhoomi Sanrakshan Unit, Land Development and Water Resources Department, District Sant Kabir Nagar(U.P.)
(v)	Telephone	05547-209067
(vi)	Fax	
(vii)	E-mail	bsaldwr.sk@nic.in

Table 4.2:	Details	of Staff	at PIA
------------	---------	----------	--------

S. No.	Designation	Name	M/F	Qualification	Field of Experience & Period	Remarks
1	2	3	4	5	6	7
1	B.S.A	Sri Nand Lal Prasad	М	Diploma in Ag. Engg.	31	
2	Jr. Engineer	Sri O.P. Singh	М	Diploma in Civil Engg.	30	
3	A.S.C.I	Sri Sanjiv Kumar	М	B.Sc.(Ag.)	7	
4	Traiser	Sri H.P. Pathak	М	Intermediate	31	
5	Accountant	Sri Yogendra Kumar Jaiswal	М	B.Com	29	
6	Ziledar	Sri Rajdhar Mishra	М	B.A.	30	
7	Sr. Clerck	Sri T.D. Ram	М	Intermediate	29	
8	Jr. Clerck	Sri B.B. Mishra	М	Intermediate	29	
9	Work Incharge	Sri P.C. Chaudhary	М	B.Com	25	
10	Work Incharge	Sri K.K. Srivastava	М	M.A. (Sociology)	29	
11	Work Incharge	Sri Ramayan Singh	М	B.A.	25	
12	Work Incharge	Sri A.K. Singh	М	B.A.	25	
13	Work Incharge	Sri S.N. Verma	М	Intermediate	25	
14	Work Incharge	Sri Tulsi Ram	М	Intermediate	25	
15	Work Incharge	Sri Hakikullah	М	Intermediate	22	
16	Work Incharge	Sri R.N. Chakravarti	М	Intermediate	29	
17	Work Incharge	Sri Brijesh Kumar	М	High School	2	
18	Work Incharge	Sri Dev Nath	М	Intermediate	25	
19	Work Incharge	Sri Rama Dhar	М	High School	30	
20	Work Incharge	Sri Rajendra Kumar	М	High School	5	

Note: - Details of all the persons working in BSA Unit is to be incorporated

The Watershed Development Team (WDT): It is an integral part of the PIA. WDT will assist gram Sabha in a) constitution of Watershed Committee and its functioning, b) organize and strengthening User groups, Self Help Groups, c) conducting participatory baseline survey, d) training and Capacity Building, e) preparing detailed resource development plan including Soil & Water Conservation, f) undertake engineering surveys, g) prepare engineering drawings and cost estimate for structure to be built.

Table 4.3: Details of Watershed Development Team (WDT) in the project area

Project- IWMP - I

PIA- BSA, LDWR,

District – Sant Kabirnagar

1	2	3	4	5	6	7	8
S. No.	Name of WDT member	M/F	Age	Qualification / Experience	Description of professional training	Role/ Function	Date of appointment of WDT member
1	O. P. Singh	М	55	Dip. In Civil Engg.	20 years	Measurement of work	28-5-2010.
2	Satish Kumar Srivastava	М	30	M.A.	3 years	Social Mobilizer	02.08.2010
3	Brijesh Singh	М	32	B.Sc Ag.	5 years	Agriculture	02.08.2010
4	S.R. Sharma	М	62	B.Sc Ag.	30 years (retired)	Agriculture	01.10.2011

Watershed Committees:

Watershed committees are being formed in all villages. Each committee would consist of at least of 10 members. Their representation will be as under:

- Minimum of 50% members from SHGs and UGs, SCs, women and landless
- One member from Watershed Development Team, especially women member (subject matter specialist in Social Science).

Watershed Committee would nominate one of their members as Watershed Secretary to perform the following duties:

- 1. Convening meetings of Watershed Committee, Gram Sabha.
- 2. Maintaining all records and proceedings of the meetings.
- 3. Follow up action on all decisions taken in the meetings.
- 4. Ensuring people's participation.

Watershed Secretary will be imparted training in maintaining the accounts as well other activities related to Project.

Name of Project:- IWMP -I, District- Sant Kabir Nagar

				Name	e of Mic	ro wa	atersh	ned-2	B1C7e	1d							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
S. No.	Name of Gram Sabha/ GP	Date of Constitution/ Registration as a Society (dd/mm/ yyyy)	Name	Designation	M/F	sc	ST	SF	MF	LF	Land- less	UG	SHG	GP	Any other	Educational qualification	Function (s) assigned
			Shamsudin	President	М			٧								Primary	
			Abdul Hak	Secretary	М			٧								Primary	
			Shayamadevi	Member	F	٧			٧				V			Illiterate	
			Sakina Khatoon	Member	F				٧				v			Intemediate	
			Shakira	Member	F								V			Illiterate	
			Baleram	Member	М	٧			٧							Illiterate	
1	Muhammad Garh	10/9/2011	Abdul Hameed	Member	М				٧							Illiterate	
			Daya Ram	Member	М	٧			٧							B.A.	
			Azarudin	Member	М				٧							Illiterate	
			Gulam Anwar	Member	М			٧								Primary	
			Mubarak Hussain	Member	М			٧								B.A.	
			Satish Kumar Srivastava	Member	М										V	M.A.	
			K K Srivastava	Member	М										V	M.A.	
			Om Prakash	President	М				٧							Jr . High School	
			Radhe Shyam	Secretary	М	٧			٧							Primary	
			Sonmati	Member	F	٧			٧				V			Illiterate	
2	Tilja	10/9/2011	Geeta Devi	Member	F			٧					V			Illiterate	
			Muhammad Salim	Member	м			v								Illiterate	
			Satyawati	Member	F			٧								Primary	

			Ramnayan	Member	М	v		٧				High School
			Wajid Ali	Member	М		٧					Illiterate
			Nazir Ali	Member	М		٧					Illiterate
			H P Pathak	Member	М						V	Intermediate
			Satish Kumar Srivastava	Member	М						V	M.A.
			Shri Krishan	President	М		٧					Intermediate
			Abdul Haleem	Secretary	М		٧					Intermediate
			Kamlesh Kumari	Member	F			٧		٧		Illiterate
			Dulari Devi	Member	F	٧		٧		٧		Illiterate
			Muhammad Mustafa	Member	М		٧					Illiterate
3	Pipra Govind	10/9/2011	Bakte Wasar	Member	М		٧					Jr. High School
			Muhammad Ayub	Member	М			٧				Primary
			Chotai	Member	М			٧				Primary
			Mushtak Ali	Member	М		٧					Illiterate
			Brijesh Kumar	Member	М						V	Intermediate
			Satish Kumar Srivastava	Member	М						٧	M.A.
			Laxman	President	М	٧		٧				Primary
			Babu Ram	Secretary	М	٧		٧				Primary
			Surajmukhi	Member	F	٧		٧		٧		Illiterate
			Ramrati	Member	F			٧		٧		Illiterate
			Ram Lal	Member	М	٧		٧		٧		Illiterate
4	Bigrameer	12/9/2011	Amrendra Kumar	Member	М	٧		٧				Illiterate
	-	- *	Ali Ahemad	Member	М		٧					Illiterate
			Ram Shankar	Member	М		٧					Literate
			Rahul Kumar	Member	М		٧					Literate
			Bheem Chand	Member	М			٧				Literate
			Parashuram	Member	М		٧					Literate
			Sanjeev	Member	М	٧					٧	B.Sc. Ag

			Kumar				ĺ						
			Satish Kumar Srivastava	Member	м							v	M.A.
			Israel	President	М		٧						Intermediate
			Kamal Ahemad	Secretary	М		٧						High School
			Hakikullah	Member	М							V	Intermediate
			Satish Kumar Srivastava	Member	М							V	M.A.
			Mewalal	Member	М		٧						B.A.
5	Madarpur	12/9/2011	Rajia Khatoon	Member	F			٧		V			Primary
	Muduipui	12/3/2011	Sunarpati	Member	F	٧		٧		V			Illiterate
			Surendra Kumar	Member	М	٧		٧					Intermediate
			Khursheed Ahemad	Member	М		٧						B.Sc.
			Muhammad Arshad	Member	М		٧						Primary
			Bakar Husaain	Member	М		٧						Illiterate
			Chote Lal	President	М	٧		٧					High School
			Suresh	Secretary	М	V		٧					Primary
			Ram Kewal	Member	М	V		٧		v			Primary
			Asha Devi	Member	F	v	٧			v			Jr. High School
			Shyam Bali	Member	F	٧		٧		V			Literate
6	Bigra Auval	14/9/2011	Ram Pyaari	Member	М	V	٧						Literate
	Digita / lavai	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Ram Ujagir	Member	М	٧	٧						Literate
			Lalmani	Member	М	٧		٧					Literate
			Ram Naresh	Member	М	٧		٧					Literate
			Ashok Kumar Singh	Member	М								B.A.
			Satish Kumar Srivastava	Member	М								M.A.
	Mudadiha	1- 1	Kutabudin	President	М		٧						Primary
7	Beg	11/9/2011	Shamsher Ahemad	Secretary	М		٧						High School

			Hakikullah	Member	М							v	Intermediate
			Sriram Sharma	Member	М							٧	Intermediate Ag.
			Basant	Member	М	٧		٧					Illiterate
			Ishrawati Devi	Member	F	٧		٧			V		Illiterate
			Abdul Hannan	Member	М			٧					Primary
			Sabira Khatoon	Member	F		٧				v		Illiterate
			Abu Bakar	Member	М		٧						Jr. High School
			Furkaan Ahmad	Member	М		٧						Intermediate
			Rafiq Ahemad	Member	м			٧					Illiterate
			Virendra	President	М	٧		٧					Primary
			Jagdish	Secretary	М	٧		٧					High School
			Vikram	Member	М	٧		٧					Illiterate
			Pannelal	Member	М	٧		٧					Primary
			Baitullah	Member	М				٧				Illiterate
8	Semariyanwa	16/9/2011	Asharfi Lal	Member	М			٧					Illiterate
0	Semanyanwa	10/3/2011	Becchu	Member	М			٧					Literate
			Meena Devi	Member	F	٧		٧			V		Intermediate
			Pholadevi	Member	F	٧		٧			V		Illiterate
			Sriram Sharma	Member	М							٧	Intermediate Ag.
			Prem Chand Chowdhary	Member	М							٧	B.Com.
			Muhammad Abid	President	м			٧					Jr. High School
			Sanjay Kumar	Secretary	М		٧						High School
9	DariyaBad	16/9/2011	Durga Prasad	Member	М	٧		٧					Primary
Э	Dariyadad	10/9/2011	Ram Surat	Member	М	٧		٧					Illiterate
			Rajdev Maurya	Member	М		٧				v		Illiterate
			Anaarmati	Member	F	٧		٧			v		Illiterate

			Shobhawati Devi	Member	F	v		٧	ĺ				Illiterate
			Shafiurehman	Member	М		٧						High School
			Shamiullah	Member	М			٧					Illiterate
			Sriram Sharma	Member	М							V	Intermediate Ag.
			Prem Chand Chowdhary	Member	м							٧	B.Com.
			Riyaz Alam	President	М		٧						High School
			Abdul Maroof	Secretary	М		٧						High School
			Ishtiyaq Ahemad	Member	м		٧						Intermediate
			Ramnayan	Member	М	٧		٧					Illiterate
			Afzal Ahmad	Member	М		٧						B.A.
			Shanti Devi	Member	F	٧		٧			v		Illiterate
10	The shear is the fi	10/2011	Phoolmati	Member	F	٧		٧			V		Illiterate
10	Tinahari Mafi	16/9/2011	Manoj Kumar	Member	М	٧		٧					Intermediate
			Muhammad Wasim	Member	М				٧				B.A.
			Mushtak Ahmad	Member	М		٧						Illiterate
			Wasiullah	Member	М		٧						Jr. High School
			Sanjeev Kumar	Member	М							٧	B.Sc. Ag.
			Sriram Sharma	Member	М							V	Intermediate Ag.
			Visai Prasad	President	М	٧		٧					Primary
			Dubar Prasad	Secretary	М		٧						Jr. High School
			Sharda Devi	Member	F	٧		٧			V		Illiterate
			Ramlaut	Member	М	٧		٧					Primary
11	Barhya Mafi	18/9/2011	Tara Devi	Member	F		٧				٧		Jr. High School
			Ram Milan	Member	М			٧					Illiterate
			Shairoon Nisha	Member	F			٧					Illiterate
			Lalmani	Member	М		٧						Primary
			Nibar Prasad	Member	М				٧				Illiterate

			Muhammad Rais	Member	м			٧					Jr. High School
			Sanjeev Kumar	Member	М							٧	B.Sc. Ag.
			Sriram Sharma	Member	М							٧	Intermediate Ag.
			Raj Kumar	President	М	٧		٧					Jr. High School
			Tajamul Hussain	Secretary	М			٧					Primary
			Kamlesh Kumar Srivastava	Member	м							٧	M.A.
			Sriram Sharma	Member	М							٧	Intermediate Ag.
			Dhanshera	Member	F	٧	٧				V		Illiterate
12	Chorha	18/9/2011	Ram Prasad	Member	М	٧	٧						Jr. High School
			Seema	Member	F					V	V		Primary
			Rajiudin	Member	М		V						Jr. High School
			Ketaki Devi	Member	F	٧	٧						Illiterate
			Shamshul Hak	Member	м		٧						Primary
			Mafooz Ahmad	Member	М				٧				Jr. High School
			Ram Adhare	Member	М		٧						Illiterate
			Anullah	President	М		V						High School
			Prem Prakash	Secretary	М	٧		٧			V		M.A.
			Sunita	Member	F	٧		٧					Illiterate
			Ramlaut	Member	М	٧		٧					Illiterate
			Innalji	Member	М		٧						Illiterate
13	Dudhara	18/9/2011	Rashida Khatoon	Member	F			٧					Illiterate
			Munshi Raza	Member	М			٧					Illiterate
			Kamludin	Member	М			٧					Jr. High School
			Abdul Waheed	Member	м			٧					Primary
			Ramayan Singh	Member	М							٧	B.A.

			Satish Kumar Srivastava	Member	М						v	M.A.	
			Ashfaq	President	М		٧					B.A.	
			Shakeel Ahmad	Secretary	М		٧					Intermediate	
			Kaisarjahan	Member	F			٧		v		Illiterate	
			Kishlawati	Member	F	٧		٧		٧		Illiterate	
			Jhinejhar	Member	М	٧		٧				Illiterate	
14	Bharawalia Budhan	20/9/2011	Sulemann Ahmad	Member	М		٧					Intermediate	
			Hajrunisha	Member	F			v				Illiterate	
			Zubeda Khatoon	Member	F			٧				Primary	
			Jamalludin	Member	М		٧					Jr. High School	
			Hakikullah	Member	М						v	Intermediate	
			Sriram Sharma	Member	М						٧	Intermediate Ag.	
			Muhammad Hussain	President	М		٧					Jr. High School	
			Mubarak Hussain	Secretary	М		٧					Intermediate	
			Hakikullah	Member	М						V	Intermediate	
			Sriram Sharma	Member	М						٧	Intermediate Ag.	
	Sonaura		Shamina Khatoon	Member	F		٧			v		Primary	
15	Gausi	20/9/2011	Akbar Hussain	Member	М		٧					Primary	
			Radhika	Member	F	V		٧		V		Illiterate	
			Daya Ram	Member	М	٧		٧				Illiterate	
			Wasibullah	Member	М			٧				Primary	
			Ameena Khatoon	Member	F		٧					Primary	
			Muhammad Yunus	Member	М			٧				Illiterate	

			Na	me of M	icro	wa	ter	sh	ed-2	2B1	LC7e	1e					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
S. No.	Name of Gram Panchayat	Date of Constitution/ Registration as a Society (dd/mm/ yyyy)	Name	Designation	M/F	sc	sт	SF	MF	LF	Land- less	UG	SHG	GP	Any other	Educational qualification	Function (s) assigned
			Indramani	President	М			٧					V			Intermediate	
			Bechanram	Secretary	М	٧		٧								Jr. High School	
			Murati	Member	F			٧								Illiterate	
			Mewati	Member	F			٧								Illiterate	
			Paltan	Member	М	٧		٧					V			Illiterate	
			Pushpa	Member	F			٧								Literate	
1	Dhusura	8/9/2011	Gayasudin	Member	М			٧								Literate	
			S K Srivastava	Member	м										v	M.A.	
			P C Chowdhary	Member	м										v	B.Com.	
			Abdul Salaam	Member	м				٧							Literate	
			Abbas Ali	Member	М				٧							Jr. High School	
			Ram Shabad	Member	М				٧							Primary	
			Sampat	President	М				٧				v			Jr. High School	
			Hira Lal	Secretary	М				٧							Primary	
			Sonmati	Member	F	٧			٧				v			Primary	
			Gudiya	Member	F				٧				v			Primary	
			Ram Kishor	Member	М	٧			٧							Illiterate	
2	Siswa Dakhni	8/9/2011	Anita Devi	Member	F				٧							Illiterate	
	Dakiiii		Vijay	Member	М				٧							Primary	
			Satish Kumar Srivastava	Member	м										٧	M.A.	
			S N Verma	Member	М										v	Intermediate	
			Ramdev	Member	М	٧			٧							Intermediate	
			Ram Bilaas	Member	М				٧							Illiterate	

			Abdulmatleef	Member	М			٧				Primary
			Chothiram	President	М	٧	٧					High School
			Abdul Kayum	Secretary	М		٧					Primary
			Sarbari Khatoon	Member	F			٧		~		Illiterate
			Parbhawati	Member	F	٧		٧		v		Illiterate
	Dama		Rasool Muhammad	Member	М		٧					Primary
3	Parsa Sheikh	11/9/2011	Ram Khelai	Member	М	٧						Illiterate
			Shyam Raj	Member	М			٧				Illiterate
			Rubab Ali	Member	М		٧					Illiterate
			Lokai	Member	М			٧				Illiterate
			Ramayan Singh	Member	М						٧	B.A.
			Satish Kumar Srivastava	Member	м						٧	M.A.
			Lamin Ahmad	President	м			٧				Jr. High School
			Subhash Chandra	Secretary	М	٧		٧				Jr. High School
			Geeta Devi	Member	F	٧		٧		V		Illiterate
			Balkishun	Member	М	٧		٧				Primary
			Asma Khatoon	Member	F				V	v		Illiterate
4	Pakri Aragi Dewahari	11/9/2011	Taalbun Nisha	Member	F			٧		v		Illiterate
	Dewallah		Sharafat Hussain	Member	М				V			literate
			Muhammad Iliyas	Member	М			٧				literate
			Muhammad Ameen	Member	М			٧				Illiterate
			Brijesh kumar	Member	м						٧	Intermediate
			Sriram Sharma	Member	М						٧	Intermediate Ag.
5	Summa	11/9/2011	Chandra Prakash	President	м		٧					Intermediate
			Chakra Kunj	Secretary	М			٧				Jr.High School

			Ramsharan	Member	М	v		٧			v		Illiterate	
			Beni	Member	М	٧		٧			٧		Literate	
			Urmila	Member	F	٧		٧			٧		Literate	
			Shakuntala	Member	F			٧			٧		Literate	
			Daya Ram	Member	М			٧					Literate	
			H P Pathak	Member	М								Intermediate	
			Radhe Shyam	Member	М			٧					Literate	
			Atma Prasad	Member	М			٧					Literate	
			Virendra	Member	М			٧					Intermediate	
			Sriram Sharma	Member	М								Intermediate Ag.	
			Ritadevi	President	F			٧					Jr. High school	
			Asha Devi	Secretary	F			٧					Intermediate	
			Shiv Kumar	Member	М	٧		٧			٧		B.A.	
			Raja Ram	Member	М	٧		٧			٧		Illiterate	
			Geeta Devi	Member	F	٧		٧			٧		Illiterate	
6	Barhaya	13/9/2011	Indraesh	Member	М		٧						B.A.	
Ū	Lala	15/5/2011	Harendra Singh	Member	М				٧				High School	
			Raj Kishor	Member	М				٧				High School	
			Rajeshwari	Member	М		٧						High School	
			H P Pathak	Member	М							v	Intermediate	
			Sriram Sharma	Member	М							٧	Intermediate Ag.	
			Badrul Hassan	President	м		٧						High School	
			Hayaz Ahmad	Secretary	м		٧						Literate	
			Barfi Devi	Member	F	٧		٧			٧		Illiterate	
7	Hatwa	13/9/2011	Ram Raj	Member	М	٧		٧			٧		Literate	
			Jamedul Nisha	Member	F			٧					Illiterate	
			Asgari	Member	F			٧			٧		Illiterate	
			Sumeshar	Member	М	٧		٧					Illiterate	

			Maroof	Member	М			٧					Illiterate
			Abdul Kayum	Member	М			٧					B.A.
			S N Verma	Member	М								Intemediate
			Sriram Sharma	Member	м								Intemediate Ag.
			Ganesh	President	М	٧		٧					Literate
			Ram Shabad	Secretary	М	٧		٧			v		Jr. High School
			Yashoda Devi	Member	F	٧		٧			v		Illiterate
			Ram Bhajan	Member	М	٧		٧					Illiterate
			Santokhi	Member	М	٧		٧			v		Illiterate
8	Gauhaniya	16/9/2011	Sudama Devi	Member	F		٧						Illiterate
	Mafi		Asha Devi	Member	F		٧						Jr. High School
			Vinod Singh	Member	М				٧				B.A.
			Acchywar	Member	М				٧				B.A.
			S N Verma	Member	М							V	Intermediate
			Sriram Sharma	Member	М							٧	Intermediate Ag.
			Eklakh Hussain	President	м			٧					Jr. High School
			Arun Kumar	Secretary	М	٧	٧						High School
			Chunni Devi	Member	F	٧		٧			v		Literate
			Smt. Indrawati	Member	F			٧			v		Illiterate
			Tulsi Prasad	Member	М	٧						٧	Intermediate
	Changuriya		Satish Kumar Srivastava	Member	М							٧	M.A.
9	Banguriya	17/9/2011	Muhammad Jaleel	Member	м		٧						Illiterate
			Shagir Ahmad	Member	м		٧						Literate
			Bilal Ahmad	Member	М				٧				Jr. High School
			Tofeeq Ahmad	Member	м				٧				Jr.High School
			Shafiq Ahmad	Member	м		٧						Primary
			Ashraf Ali	Member	М					٧			Primary

Formation of Self Help Groups:

The formation of SHGs in all watershed villages is underway. It is proposed to form at least 2 SHGs in each village. Each SHG will consist of 12/15 members. The members would be mainly from landless, SCs and women, small and marginal farmers. Few groups exclusively of unemployed youth have also been identified. These groups will be homogeneous having common goal for increasing their income by establishing micro enterprise. Under the Project, each SHGs would be given a revolving fund of Rs.20000/25000 each after 6 months from the date of formation (subject to qualifying the 1st grading and meeting the laid down norms). After having discussions with the village community The SHGs may opt any of the Income Generating Activities from the list given below.

1. Bakery Products 2. Soap & Detergent making 3. Cutting and Tailoring 4. Embroidery 5. Fisheries 6. Mushroom cultivation 7. Household wiring, Motor winding 8. Plumbing 9. Carpentry 10. Bee keeping 11. Pickles, sauces, jam, jelly etc. 12. Two wheelers repairing 13. Animal husbandry 14. Backyard poultry 15. Vermi compost.

However, decision for adopting Economic Activities would rest with respective SHGs. Accordingly; these SHGs would be imparted trainings in the IGAs they opt for. Preliminary survey reveals reasonable potentials for the above mentioned Economic Activities and these could prove to be beneficial to poor people residing in selected Watershed villages.

				Details	s of Sel	f Help	- Groups (SHG			projec			-	-			
	Project- I	WMP I											Dist	rict-	San	t Kabir	nagar
1	-	2		3				4				5			6		7
S.	Name of Micro	Names of		Total no.	of UGs		No. of	f mem	bers				C/ST in tegory			BPL in tegory	Date of formation of
NO.	watershed with code	villages	Men	Women	Both	Total	Categories	м	F	Total	м	F	Total	м	F	Total	SHG
							(i)Landless										
1	2B1C7e1d	Dudhara	1	_	_	1	(ii) SF										5/5/2011
1	2BIC/EIU	Duunara	1	-	-	1	(iii) MF	15	-	15	15	-	15	15	-	15	5/5/2011
							(iv) LF										
							(i)Landless										
2	2B1C7e1d	Dudhara	-	1		1	(ii) SF										5/5/2011
2	2BIC/EIU	Duunara	-	T	-	1	(iii) MF	-	11	11	-	11	11	-	11	11	5/5/2011
							(iv) LF										
							(i)Landless										
3	2B1C7e1e	Parsa Shekh	_	1	_	1	(ii) SF										2/5/2011
5	ZBIC/EIE	Faisa Silekii	-	T	-	1	(iii) MF	-	13	13	-	12	12	-	13	13	2/3/2011
							(iv) LF										
							(i)Landless										
4	2B1C7e1d	Muhammd		1	_	1	(ii) SF										8/5/2011
4	2010/010	garh	-	T	-	1	(iii) MF	-	11	11	-	-	-	-	11	11	8/5/2011
							(iv) LF										
							(i)Landless										
-	2B1C7e1e	Bhangura	_	_	1	1	(ii) SF										10/5/2011
5	ZBIC/ele	Ahirani	-	-	1	1	(iii) MF	10	2	12	2	-	2	10	2	12	10/5/2011
							(iv) LF										
							(i)Landless										
6	2B1C7e1e	Garthauli	1		_	1	(ii) SF										11/5/2011
0	ZDIC/ele	Garthauli	T	-	-	T	(iii) MF	11	-	11	-	-	-	11	-	11	11/5/2011
							(iv) LF										
							(i)Landless										
-	2B1C7e1e	Garthauli	_	1	_	1	(ii) SF										11/5/2011
7	ZBIC/ele	Garthauli	-	T	-	T	(iii) MF	12	-	12	-	1	1	-	12	12	11/5/2011
							(iv) LF										
							(i)Landless										
0	3P1C7-1-	Pakari Aragi			1	1	(ii) SF										E /0/2011
8	2B1C7e1e	Dewahari	-	-	1	1	(iii) MF	6	5	11	2	3	5	6	5	11	5/8/2011
							(iv) LF										
0	20107-1-	Gauhaniya			4	4	(i)Landless										7/0/2011
9	2B1C7e1e	Mafi	-	-	1	1	(ii) SF										7/9/2011

Table 4.5: Details of Self Help Groups (SHGs) in the project area

1 1					1		(iii) MF	9	3	12	9	3	12	-	_	-	
							(iv) LF	-			-						
							(i)Landless										
						(ii) SF											
10	2B1C7e1d	Choraha	-	-	1	1	(iii) MF	8	2	10	2	1	3	-	-	-	15/09/2011
							(iv) LF	-				_	-				
							(i)Landless										
							(ii) SF										10/10/0011
11	2B1C7e1d	2B1C7e1d Barhya Mafi	-	-	1	1	(iii) MF	7	6	11	4	4	8	5	6	11	12/10/2011
							(iv) LF										
							(i)Landless										
12	20107-14	Tinahari	-		1	1	(ii) SF										14/11/2011
12	2B1C7e1d	Mafi	-	-	1	T	(iii) MF	5	6	11	3	3	6	5	6	11	14/11/2011
							(iv) LF										
							(i)Landless										
13	3 2B1C7e1d	1d Bigrameer	1		-	1	(ii) SF										14/11/2011
15	zbic/eiu	Bigraffieer	1	-	-	T	(iii) MF	15		15	10		10	10		10	14/11/2011
							(iv) LF										
							(i)Landless										
14	2B1C7e1d	Bigraauval	-	-	1	1	(ii) SF										14/11/2011
14	zbic/eiu	Digraduvar			1	1	(iii) MF	13	3	16	12		12	11		11	
							(iv) LF										<u> </u>
							(i)Landless										14/11/2011
15	2B1C7e1d	Tilja	-	1	-	1	(ii) SF										
				_		_	(iii) MF		16	16		10	10		12	12	
							(iv) LF										
							(i)Landless										
16	2B1C7e1d	Gangaecha	-	1	-	1	(ii) SF					-			10		16/11/2011
		0					(iii) MF		16	16		6	6		10	10	
							(iv) LF										
							(i)Landless										
17	2B1C7e1d	Madarpur	-	-	1	1	(ii) SF	9	8	17	4	3	7	6	5	11	16/11/2011
							(iii) MF (iv) LF	9	0	17	4	3	/	0	5	11	
							(i)Landless										
		Dipro					(ii) SF										
18	2B1C7e1d	Pipra Govind	-	1	-	1	(ii) SF (iii) MF		15	15		8	8		10	10	16/11/2011
		Govina					(iv) LF	-	12	10		0	0	-	10	10	
							(i)Landless	-						-			
							(ii) SF	-						-			
19	2B1C7e1d	Dariyabad	-	-	1	1	(iii) MF	10	6	16	6	3	9	7	3	10	- 18/11/2011
							(iv) LF	10	0	10	0	5	9	+ '	5	10	
20	2B1C7e1d	Sunoragausi	-	1	-	1	(i)Landless	1						1			18/11/2011
20	2010/010	Sanoragadar		-	I		(i) Lundiess	1	L		L			1	1		10/11/2011

		l					(ii) SF	1			1			1					
							(iii) MF		15	15		8	8		11	11			
							(iv) LF												
							(i)Landless												
21	2B1C7e1e	Changuriya	-	_	1	1	(ii) SF										20/11/2011		
21	ZBIC/ele	Banguriya	-	-	1	T	(iii) MF	11	5	16	7	3	10	8	3	11	20/11/2011		
							(iv) LF												
							(i)Landless												
22	2B1C7e1e	Hatva			1	1	(ii) SF										20/11/2011		
22	ZBIC/ele	⊓dlvd	-	-	1	T	(iii) MF	9	7	16	5	3	8	7	5	12	20/11/2011		
		(iv) LF	(iv) LF										1						
							(i)Landless												
23	2B1C7e1e	Summa	-	_	1	1	(ii) SF										20/11/2011		
25	ZBIC/EIE	Sullilla	-	-	1	1	(iii) MF	10	7	17	6	3	9	8	5	13	20/11/2011		
							(iv) LF												
							(i)Landless												
24	24 2B1C7e1e Kusma Mafi 1 -	_	_	1	(ii) SF										20/11/2011				
24	ZBIC/EIE	Kusilia iviali	1	-	-	-	(iii) MF	16		16	10		10	13		13	20/11/2011		
							(iv) LF												
							(i)Landless												
25	2B1C7e1e	Ahirauli	_	-	1	1	(ii) SF										20/11/2011		
25	ZBIC/EIE	Annaun	-	-	1 ¹	1	(iii) MF	8	9	17	5	4	9	6	7	13	20/11/2011		
							(iv) LF												
							(i)Landless												
26	2B1C7e1e	Chapiya	_	_	1	1	(ii) SF										25/11/2011		
20	ZBIC/EIE	Anand Rai	-	-	1 ¹	1	(iii) MF	9	6	15	4	3	7	6	4	10	23/11/2011		
							(iv) LF												
							(i)Landless												
27	2B1C7e1e	Siswa	1	-	-	1	(ii) SF										25/11/2011		
27	2010/616	Dakhini	1				(iii) MF	16		16	11		11	12		12	23/11/2011		
							(iv) LF										1		

s.	Name of micro	Name of	Name of	Date of	Name of	Name	Tota	l No. of	Membe	ers	Name of Bank	Account	Up to date	Group
No	watersh	village	group	constituti of w	Oth er	Tot al	and Address	No. & Date	Savin g Rs.	activit ies				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	2B1C7e1 d	Dudhara	Ambedker Watershad e S.H.G.	22/06/11	Prem Prakash	Sangra m		15		15	Purvanc hal Gramin Bank Dudhra	750110045 29 22/06/11	2700	Ag.
2	2B1C7e1 d	Dudhara	Gautambud dh W.S.S.H.G.	1/6/2011	Smt.Kushu m	Smt. Bandn a	11	11		11	P.G.B. Dudhra	750109538 17 1/6/2011	3300	Ag.
3	2B1C7e1 d	Parsa Sheikh	Sant Ramdas W.S.S.H.G.	15/06/11	Manisa	Gyanm ati	13	12	1	13	P.G.B. Lohrauli	750111770 60 15/06/11	3900	Ag.
4	2B1C7e1 d	Muhamm ad Garh	Muhammad Sahab W.S.S.H.G.	22/06/11	Kitabunnish a	Afsana Khatun	11		11	11	P.G.B. Dudhra	P.G.B. 750112817		Ag.
5	2B1C7e1 d	Bhangura Ahirani	Disha W.S.S.H.G.	15/06/11	Zamil Ahamad	Indram ani Maurya	10	2	2	12	P.G.B. Lohrauli	750111766 01 15/06/11	3600	Ag.
6	2B1C7e1 d	Garthauli	Jay Makali W.S.S.H.G.	15/06/11	Ramsuresh	Sampa t			11	11	P.G.B. Lohrauli	750111770 04 15/06/11	3300	Ag.
7	2B1C7e1 d	Garthauli	Puja W.S.S.H.G.	15/06/11	Rajni Devi	Godiya	12	1		12	P.G.B. Lohrauli	750111770 48 15/06/11	3600	Ag.
	Total for I	MWS	7										23700	
	Total for p	roject	7										23700	

Table 4.6: Details of Formation of Self Help Groups

User groups:

The members of User groups would be those persons who would directly derive benefits from Watershed Activities. Resource use agreements are being worked out. The User groups will be responsible for the operation and maintenance of all the assets created under the Project. Formation of User groups is under process in all the villages covered under the Project. The members of User Groups would be imparted training by PIA for effectively managing the assets created.

1		2	3				4					5	6			7	
S. N	Name of Micro watershed	Names of villages	Total no. of UGs				No. of members					No. of SC/ST in each category			in ea	f BPL ach Jory	Date of formation of Ugs
0	with code		Men	Wome n	Bot h	Tota I	Categorie s	М	F	Tota I	М	F	Tota I	М	F	Tota I	or ogs
		Semeriyawan, Vigra Meer, Mudadeeh Beg,			2	9	(i)Landles s	-	-	-	-	-	-	-	-	-	
1	SEMARIYA	MARIYA AN / Chainpur,Vigra Aual, Tilja, Nasipur, Bharwalia Chak	5	2			(ii) SF			32			18			15	16.11.201 0
	2B1C7e1d		5				(iii) MF			41			24			18	
		Parsa Sheikh,					(iv) LF			1	-	-	-	-	-	-	
		Bhirwa Dand, Deoria			2	11	(i)Landles s			-	-	-	-	-	-	-	15.11.201 0
2	KUSAMA	I / Lauki Lala, Bhagur	7	2			(ii) SF			33			22			16	
2	MAFI / 2B1C7e1e		/				(iii) MF			50			32			19	
		Mafi					(iv) LF			1	-	-	-	-	-	-	
	Total									158			96				

Table 4.7: Details of User Groups

Table 4.9: Details of Fund flow of Watershed Committee Accounts (Amount in Lakhs)

					Deposit			Withdrawal			
S. No.	Name of MWS with code	Name of watershed committee (WC)	Opening Balance (in lakh)	DRDA/ ZP cheque No./date	Amount / Date of deposit in WC Account	Total amount available in WC Account	Amount withdrawn by Cash/ Cheque	Date of with- drawal	Purpose of with- drawal	Interest accrued	Closing balance
1	2	3	4	5	6	7	8	9	10	11	12
		Muhammd garh	-		5.10	5.10					
1	2B1C7e1d	C7e1d Pipra Govind		03.11.2011	4.10	4.10					
		Madarpur	-		4.76	4.76					
		Siswa Dakhini	-		5.80	5.80	By Cheque				
2	2B1C7e1e	Parsa Sheikh	-	03.11.2011	4.50	4.50					
		Chaguria Baguria	-	03.11.2011	4.20	4.20					
		Dhusura	-		4.10	4.10					

Convergence in IWMP-I, Sant Kabirnagar: Several Central and State Govt. sponsored programmes are running in the district Sant Kabirnagar. Some of them are listed below.

Table 4.10: List of Central/State sponsored schemes

S.No.	Name of Programme	Implementing Agency	Objectives of the Programme					
1.	Seed Distribution Programme (Pulse Development & ISOPAM)	U.P. Agriculture Deptt.	To increase seed replacement ratio for higher productivity					
2.	Pump set Distribution (Food Security Mission)	Agriculture Deptt.	To Provide irrigation facilities					
3.	Training Programme	Agriculture Deptt.	To increase Capacity building of the farmers					
4.	HDPE pipe	Agriculture Deptt.	-					
5.	National Horticulture Mission (NHM)	Horticulture Deptt.	To Increase fruits & vegetable production					
6.	Sanitation Programme	Gram Vikash	To make hygienic condition in the rural areas					
7.	Mid Day Meal	Gram Panchayat (DSO)	To provide education to school children without hunger					
8.	MGNERGA (Bunding, Farm Pond, Adarsh Jalashay, Blast well, Chakroad, etc.)	Gram Panchayat	To provide work to all village personnel under the Rojgar Guarantee Yojana					
9.	ΑΤΜΑ	ATMA U.P. Ag. Deptt.						
10.	Dept. of Animal Husbandry	U.P. Animal Husbandry	To improve the productivity of livestock					

Table 4.11: Details of Convergence of IWMP with other Schemes in IWMP-I,Sant Kabir Nagar (Rs. In Lakh)

S.	Name of Micro Watershed	Names of Departments with Schemes converging with IWMP	Fund made available to IWMP due to convergence (Rs. in lakh)	Was fur includ Rs.12 15,00 ha	nd ed in ,000/ 0 per	Name of activity/task/structure undertaken with converged funds	Reference no. of activity/ task/ structure in DPR [®]	Level at which decision for convergence was taken ^{\$}
No.						(a) Structures		
				Yes	No	(b) livelihoods		
						(c) Any other (pl. specify) [#]		
1	2	3	4	5	6	7	8	9
1	SEMARIYAWAN / 2B1C7e1d	MNREGA	3.236			Structures		
2	KUSAMA MAFI / 2B1C7e1e	MNREGA	1.806			Structures		
	Total for project		5.042					

CHAPTER – 5 MANAGEMENT / ACTION PLAN

ENTRY POINT ACTIVITY (EPA)

EPA activities are taken up under watershed projects to newly build or repair the already existing structures with the consultation of village community at the beginning of the project; generally, certain important works which are in urgent demand of the local community are taken up. A group Discussion was conducted with watershed Development Committee regarding the EPA activity, it was conveyed to the WC that an amount of 17.60 Lakhs was allotted for EPA activity, which was 4 per cent of total allocated budget. The villagers discussed various activities which they fell is important but after a brief discussion it was conveyed to them that only those activities can be taken, which revive the common natural resources. It was also taken into priority that there should be an instrument of convergence which will result in sustainability of activities.

In total 118 EPA activities were executed in the project area with a budget of Rs. 17.60 Lakhs Photographs of Entry Point Activities done in the project are given below:





Table 5.1: Entry point activities (EPA)

S. No.	Name of The Project	Amount Earmarked for EPA	Entry Point Acitivies	Estimated Cost (Rs. in Lakh)
1	SEMARIYAWAN / 2B1C7e1d	17.60	Kisan vikas manch, drainage channel, well repair,Soaking Pit, hand pump, Bathroom, Pulliya	11.52552
2	KUSAMA MAFI / 2B1C7e1e		Kisan vikas manch, drainage channel, well repair,Soaking Pit, hand pump, Bathroom, Pulliya	4.97448
			Total	16.50000

Details of Livelihood Activities in the project area

During discussions with the village communities by our Livelihood experts, several activities were discussed with them. The main objectives of these discussions were:

- Assure one livelihood option to poor families
- Assured livelihood for at least 300 days in a year
- At least one daily job per family SCs/BPL/ very poor families.

Form SHGs would be imparted skill training on identified Economic Activities and it is proposed to impart them trainings. It is proposed to lend revolving fund of Rs. 25000/- to each SHG/individuals formed in the watershed villages. Since the members from SHGs/landless are very poor, they do not have resources to start micro enterprises. It is envisaged that they should be assisted and given loan of this amount in the shape of Revolving Fund Assistance (RFA) so that they do not get trapped by money lenders. Funds thus given on loan are recoverable from SHGs/individuals in easy installments. It is also proposed to impart skill training to at least 10 unemployed youth from each village and give them trainings of their choice so that they establish some small enterprises. It is further proposed to give them interest free loan of Rs. 12000/- each as Revolving Fund Assistance (RFA) to meet their urgent needs of funds for establishing micro enterprises. Such funds recovered could either be back to SHGs/ individuals so some other SHGs/ individuals depending upon assessment of their respective needs. It is proposed to form 2 SHGs in each village and identify at least 10 youths in each village for imparting training and giving Revolving Fund.

Activities that is likely to be taken up by SHGs/ individuals

Table No. 5.2- LIVELIHOOD ACTION PLAN-LAP

MICRO WATERSHAD WISE FINANCIAL BREAK UP OF LIVELIHOOD ACTIVITIES IWMP-I, DISTRICT-SANT KABIRNAGAR

Amount in Lacs

S.	Micro watershed	Project	Proposed	Livelihood Activities 9% of the Total project Cost									
No.	Micro watershed	Area	Amount	2009-10	2010-11	2011-12	2012-13	2013-14	TOTAL				
1	Semeriawan	2200	23.76	0.00	2.64	6.60	6.60	7.92	23.76				
2	Kusama Mafi	1466	15.83	0.00	1.76	4.40	4.40	5.28	15.83				
	Total	3666	39.59	0.00	4.40	11.00	11.00	13.20	39.59				

Contributory fund from each beneficiary @ 10% gen. and 5% SC/ST will be debited on each and every activity.

GRAM PANCHAYAT WISE FINANCIAL BREAK UP OF LIVELIHOOD ACTIVITIES IWMP-I, DISTRICT-SANT KABIRNAGAR

		10/616						Amount	III Luco
S.	GRAM PANCHAYAT	Project	Proposed	Live	elihood Act	ivities 9%	of the Tota	l project Co	ost
No.	GRAM PANCHATAT	Area	Amount	2009-10	2010-11	2011-12	2012-13	2013-14	TOTAL
1	Parsa Sheikh	152.20	1.64	0.00	0.18	0.46	0.46	0.55	1.64
2	Siswa Dakhni	179.00	1.93	0.00	0.21	0.54	0.54	0.64	1.93
3	Ahirauli	203.30	2.20	0.00	0.24	0.61	0.61	0.73	2.20
4	Dhusura	189.00	2.04	0.00	0.23	0.57	0.57	0.68	2.04
5	Changuri-Banguriya	95.00	1.03	0.00	0.11	0.29	0.29	0.34	1.03
6	Gauhaniya Mafi	289.00	3.12	0.00	0.35	0.87	0.87	1.04	3.12
7	Hatwa	107.30	1.16	0.00	0.13	0.32	0.32	0.39	1.16
8	Summa	115.20	1.24	0.00	0.14	0.35	0.35	0.41	1.24
9	Barhaya Lala	38.00	0.41	0.00	0.05	0.11	0.11	0.14	0.41
10	Pakri Aragi Dewahari	98.00	1.06	0.00	0.12	0.29	0.29	0.35	1.06
	Total	1466.00	15.83	0.00	1.76	4.40	4.40	5.28	15.83

CODE- 2B1C7e1e

Amount in Lacs

GRAM PANCHAYAT WISE FINANCIAL BREAK UP OF LIVELIHOOD ACTIVITIES IWMP-I, DISTRICT-SANT KABIRNAGAR

CODE- 2B1C7e1d

Amount in Lacs

S.	GRAM PANCHAYAT	Project	Proposed Amount	Live	elihood Act	ivities 9%	of the Tota	al project C	ost
No.	GRAM PANCHATAT	Area	Amount	2009-10	2010-11	2011-12	2012-13	2013-14	TOTAL
1	Bigrameer	108	1.17	0.00	0.13	0.32	0.32	0.39	1.17
2	Bigra Auval	103	1.11	0.00	0.12	0.31	0.31	0.37	1.11
3	Tinahari Mafi	195	2.11	0.00	0.23	0.59	0.59	0.70	2.11
4	Tilja	105	1.13	0.00	0.13	0.32	0.32	0.38	1.13
5	Sonaura Gausi	56	0.60	0.00	0.07	0.17	0.17	0.20	0.60
6	Bharawalia Budhan	70.00	0.76	0.00	0.08	0.21	0.21	0.25	0.76
7	Dasawa	115.00	1.24	0.00	0.14	0.35	0.35	0.41	1.24
8	Jate Diha Dubauliya	162.00	1.75	0.00	0.19	0.49	0.49	0.58	1.75
9	Mudadiha Beg	203.00	2.19	0.00	0.24	0.61	0.61	0.73	2.19
10	Dudhara	202.00	2.18	0.00	0.24	0.61	0.61	0.73	2.18
11	Madarpur	148.00	1.60	0.00	0.18	0.44	0.44	0.53	1.60
12	Semariyanwa	290.00	3.13	0.00	0.35	0.87	0.87	1.04	3.13
13	Chorha	103.00	1.11	0.00	0.12	0.31	0.31	0.37	1.11
14	Barhya Mafi	68.00	0.73	0.00	0.08	0.20	0.20	0.24	0.73
15	Muhammad Garh	95.00	1.03	0.00	0.11	0.29	0.29	0.34	1.03
16	DariyaBad	112.00	1.21	0.00	0.13	0.34	0.34	0.40	1.21
17	Pipra Govind	65.00	0.70	0.00	0.08	0.20	0.20	0.23	0.70
	Total	2200.00	23.76	0.00	2.64	6.60	6.60	7.92	23.76

Table No. 5.3- DETAILS OF LIVELIHOOD ACTIVITIES AT GLANCE UNDER IWMP-I,DISTRICT-SANT KABIR NAGAR

				Flower	Formin	g				Goat K	eeping					Fish	ery		
S. No.	Gram Panchayat	2009-10	2010-11	2011-12	2012-13	2013-14	Total	2009-10	2010-11	2011-12	2012-13	2013-14	Total	2009-10	2010-11	2011-12	2012-13	2013-14	Total
1	Muhammad Garh					1	1		1	1	1		3					1	1
2	Tilja		1				1			1		1	2						0
3	Pipra Govind				1	1	2		1	1			2				1		1
4	Bigrameer						0			1		1	2		1			1	2
5	Madarpur					1	1			1	1		2		1				1
6	Bigra Auval				1		1			1		1	2				1		1
7	Mudadiha Beg					1	1		1	1			2					1	1
8	Semariyanwa						0			1	1	1	3			1			1
9	DariyaBad				1	1	2			1			1						0
10	Tinahari Mafi						0		1	1		1	3				1	1	2
11	Barhya Mafi					1	1			1			1		1				1
12	Chorha					1	1			1	1	1	3						0
13	Dudhara		1	1			2		1	1			2					1	1
14	Bharawalia Budhan				1	1	2			1		1	2			1	1		2
15	Dhusura						0		1	1			2						0
16	Siswa Dakhni					1	1			1	1	1	3					1	1
17	Parsa Sheikh				1		1			1			1				1	1	2
18	Pakri Aragi Dewahari					1	1			1		1	2						0
19	Summa			1			1		1	1		1	3			1		1	2
20	Barhaya Lala					1	1			1			1						0
21	Hatwa						0		1	1		1	3				1		1
22	Gauhaniya Mafi					1	1		1	1			2					1	1
23	Sonaura Gausi						0			1		1	2						0
	Total	0	2	2	5	12	21	0	9	23	5	12	49	0	3	3	6	9	21

		Da	iry					Веа	kery				E	Bee Ko	eepin	g				Pig	rise				Cor	ntract	Form	ning	
2009-10	2010-11	2011-12	2012-13	2013-14	Total	2009-10	2010-11	2011-12	2012-13	2013-14	Total	2009-10	2010-11	2011-12	2012-13	2013-14	Total	2009-10	2010-11	2011-12	2012-13	2013-14	Total	2009-10	2010-11	2011-12	2012-13	2013-14	Total
					0						0					1	1				1		1			1			1
		1			1						0			1			1				1		1				1		1
					0						0				1	1	2						0				1		1
			1		1						0						0				1		1			1			1
			1		1						0					1	1				1		1						0
	1				1						0				1		1						0				1		1
					0						0					1	1				1		1			1			1
	1				1						0						0						0						0
			1		1		1				1				1	1	2						0				1		1
					0						0						0						0						0
					0						0					1	1						0			1			1
		1			1						0		1			1	2						0				1		1
					0				1		1			1			1						0						0
					0						0				1	1	2		1				1			1			1
			1		1						0						0						0				1		1
			1		1						0					1	1		1				1						0
					0						0				2		2		1				1			1			1
		1			1						0					1	1						0		1		1		2
					0						0			1			1						0						0
					0						0					1	1						0		1	1			2
					0						0						0						0				1		1
					0						0					1	1				1		1						0
	1				1						0						0				1		1			1	1		2
0	3	3	5	0	11	0	1	0	1	0	2	0	1	3	6	12	22	0	3	0	7	0	10	0	2	8	9	0	19
Apr	orox	Cost	:																										_

Approx Cost

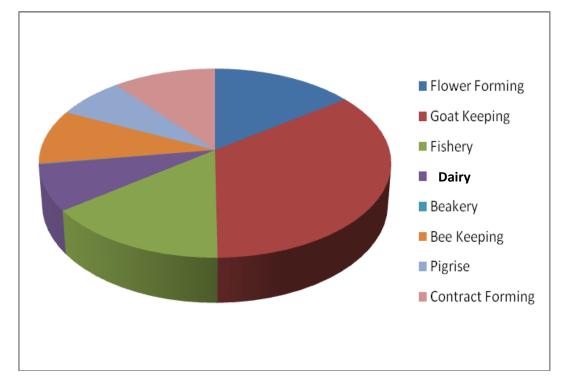
Flower Forming @ Rs. 25000/-Bee Keeping @ 15000/-

Goat Keeping @ 25000/-Piggeries @ 25000/-

Fishery @ 25000/-Bakery @20000/-

Diary @ 25000/-Contract Forming @20000/-

Propose Livelihood Expenditure on Different Activities IWMP-Ist,



Snat Kabir Nagar

The total out lay of this activity is Rs. 39.59 lacs. Out of which Rs. 35.63 lacs have been propose for different activities to the landless and BPL category people of the project area as mentioned above. Rs. 3.96 lacs have been allocated for other miscellaneous activity which would be proposed later on.

PRODUCTION SYSTEM & MICRO ENTERPRIS (10%)

MICRO WATERSHAD WISE FINANCIAL BREAK UP OF PRODUCTION & MICRO ENTERPRISES, IWMP-I, DISTRICT-SANT KABIRNAGAR

Amount in Lacs

S. No.	Micro watershed	Project	Proposed	Productio	on System 8	Microenter Co	-	of the Total	Project
NO.	watersneu	Area	Amount	2009-10	2010-11	2011-12	2012-13	2013-14	TOTAL
1	Semeriawan	2200	26.40	0.00	2.64	6.60	6.60	10.56	26.40
2	Kusama Mafi	1466	17.59	0.00	1.76	4.40	4.40	7.04	17.59
	Total	3666	43.99	0.00	4.40	11.00	11.00	17.60	43.99

Contributory fund from each beneficiary @ 10% gen. and 5% SC/ST will be debited on each and every activity.

GRAM PANCHAYAT WISE FINANCIAL BREAK UP OF PRODUCTION & MICRO ENTERPRISES, IWMP-I, DISTRICT-SANT KABIRNAGAR

	CODE- 2	B1C7e1e						Amount	in Lacs
S.	GRAM	Project	Proposed	Producti	on System		rprises 10% ost	o of the Tota	l Project
No.	PANCHAYAT	Area	Amount	2009-10	2010-11	2011-12	2012-13	2013-14	TOTAL
1	Parsa Sheikh	152.20	1.83	0.00	0.18	0.46	0.46	0.73	1.83
2	Siswa Dakhni	179.00	2.15	0.00	0.21	0.54	0.54	0.86	2.15
3	Ahirauli	203.30	2.44	0.00	0.24	0.61	0.61	0.98	2.44
4	Dhusura	189.00	2.27	0.00	0.23	0.57	0.57	0.91	2.27
5	Changuri-Banguriya	95.00	1.14	0.00	0.11	0.29	0.29	0.46	1.14
6	Gauhaniya Mafi	289.00	3.47	0.00	0.35	0.87	0.87	1.39	3.47
7	Hatwa	107.30	1.29	0.00	0.13	0.32	0.32	0.52	1.29
8	Summa	115.20	1.38	0.00	0.14	0.35	0.35	0.55	1.38
9	Barhaya Lala	38.00	0.46	0.00	0.05	0.11	0.11	0.18	0.46
10	Pakri Aragi Dewahari	98.00	1.18	0.00	0.12	0.29	0.29	0.47	1.18
	Total	1466.00	17.59	0.00	1.76	4.40	4.40	7.04	17.59

GRAM PANCHAYAT WISE FINANCIAL BREAK UP OF PRODUCTION & MICRO ENTERPRISES, IWMP-I, DISTRICT-SANT KABIRNAGAR

CODE- 2B1C7e1d

Amount in Lacs

S.	GRAM	Project	Proposed	Productio	on System 8		rprises 10% ost	of the Tota	l Project
No.	PANCHAYAT	Area	Amount	2009-10	2010-11	2011-12	2012-13	2013-14	TOTAL
1	Bigrameer	108	1.30	0.00	0.13	0.32	0.32	0.52	1.30
2	Bigra Auval	103	1.24	0.00	0.12	0.31	0.31	0.49	1.24
3	Tinahari Mafi	195	2.34	0.00	0.23	0.59	0.59	0.94	2.34
4	Tilja	105	1.26	0.00	0.13	0.32	0.32	0.50	1.26
5	Sonaura Gausi	56	0.67	0.00	0.07	0.17	0.17	0.27	0.67
6	Bharawalia Budhan	70.00	0.84	0.00	0.08	0.21	0.21	0.34	0.84
7	Dasawa	115.00	1.38	0.00	0.14	0.35	0.35	0.55	1.38
8	Jate Diha Dubauliya	162.00	1.94	0.00	0.19	0.49	0.49	0.78	1.94
9	Mudadiha Beg	203.00	2.44	0.00	0.24	0.61	0.61	0.97	2.44
10	Dudhara	202.00	2.42	0.00	0.24	0.61	0.61	0.97	2.42
11	Madarpur	148.00	1.78	0.00	0.18	0.44	0.44	0.71	1.78
12	Semariyanwa	290.00	3.48	0.00	0.35	0.87	0.87	1.39	3.48
13	Chorha	103.00	1.24	0.00	0.12	0.31	0.31	0.49	1.24
14	Barhya Mafi	68.00	0.82	0.00	0.08	0.20	0.20	0.33	0.82
15	Muhammad Garh	95.00	1.14	0.00	0.11	0.29	0.29	0.46	1.14
16	DariyaBad	112.00	1.34	0.00	0.13	0.34	0.34	0.54	1.34
17	Pipra Govind	65.00	0.78	0.00	0.08	0.20	0.20	0.31	0.78
	Total	2200.00	26.40	0.00	2.64	6.60	6.60	10.56	26.40

Camps (Demo) for Farm Production System:

IWMP-Ist SANT KABIR NAGAR

Туре	See	d Demonstration Details
Rabi	Wheat	Sorghum
Season	 Variety K 8027, NW-1012, 1076, HDR-77, Raj -107 Sowing Time: 15 November to 25 December Seed rate – 100 -125 Kg/ hectare Requirement of fertilizers / ha N- 125 Kg , P- 70 -75 Kg, K-70-75 Kg FYM: 60 Ou. Flowering Period: 80 to 85 days. Crop Duration: 120-145 days. Harvesting time : April to May Yield: Irrigated: 50-60 Q/ha Un-irrigated: 30-35 Q/ha Note- Hence demonstration cost of wheat /ha is Rs 13000.00 and the Total cost increases @ 10 % for next year 	 Variety: CSH-16, 9, 14, CSB-13, 15 Requirement of Seed /ha - 15 kg Sowing Time - 15 th July to 15 th August Requirement of fertilizers/ha N- 60.0 Kg , P- 40.00Kg, K- 40.00 Kg Fertilizers requirement / ha N- 80.0 Kg , P- 50Kg, K- 40 Kg FYM: 50q Flowering Period: 80-85 days. Crop Duration: 120 to 130 days. Harvesting time : 25 September to 5 October Yield: Grain: 18-20 q/ha Dry Fodder: 200-250q/ha Note- Hence demonstration cost of SORGHUM /ha is Rs 6500.00 and the Total cost increases @ 10 % for next year.
Kharif Season	Arahar1. Variety -Long Durtion: Malviya -13 NA -1, NA-2UPAS-120, ICPL-151, 88012- Seed rate /ha - 20 Kg3. Sowing Time: June-July4- Fertilizers requirement / ha N- 20.0 Kg , P- 50Kg, K- 40 Kg4. FYM: 50 Q5. Flowering Period: Long Duration:160 to 175 days.Short Duration: 110-120 days6. Crop Duration: Long Duration: 270-280 days.Short Duration: 130-140 days7. Harvesting time : Long Duration: March To April, Short Duration:November to December8. Yield : Long Duration: 18-20 Q/haShort Duration: 20-25 Q/haNote- Hence demonstration cost of Arahar /ha is Rs 10000.00 andthe Total cost increases @ 10 % for next year.	 Maize 1. Variety: Hybrid: Ganga-2, 11,Shaktiman, Dakkan-7, Prakash, Sartaj 2. Sankul: Tarun, Naveen, Kanchan, Sweta, Prabhat, Gaurav 3. Requirement of Seed /ha - 15 kg I 3. Sowing Time - 15 th July to 15 th August 4. Requirement of fertilizers / ha N- 60.0 Kg , P- 40.00Kg, K- 40.00 Kg 5. Fertilizers requirement / ha N- 80.0 Kg , P- 50Kg, K- 40 Kg FYM: 50 Q 6. Flowering Period: 80-85 days. 7. Crop Duration: 120 to 130 days. 8. Harvesting time : 25 September to 5 October 9. Yield: Grain: 18-20 Q/ha Dry Fodder: 200-250 Q/ha Note- Hence demonstration cost of SORGHUM /ha is Rs 6500.00 and the Total cost cost increases @ 10 % for next year.

Seed	Distribution of high yield verity seed of Arhar, Wheat and maize, etc.
Animal Husbandry	Organize of health camp animals, and feed for animals.
Agriculture Toolkit	Distribution of agriculture toolkit to the individual.

The activity has already been shown in the respective map.

The above action plan has been prepared according to the need and resources available in the project area. Individual activity fund distribution has been made the details would be given beneficiary wise in the project file. Demonstration of crop, animal husbandry camp distribution of seed and plantation of fruit trees are the essential requirement of the project area. Therefore the above plan has been constituted according to the aforesaid activity and the funds were allocated as per the norms.

MAJOR PROBLEMS OF THE WATERSHEDS

- Moisture stress-Drought conditions
- Erosion hazard
- Excess runoff .
- Land degradation
- Low fertility of soil
- Ground water depletion/Low ground water table, poor quality of groundwater
- Low cropping intensity
- Lack of technical knowledge
- Lack of irrigation facilities
- Low productivity of crops
- Low availability of drinking water for human as well as animals
- Overgrazing
- Poor vegetative cover
- Poor/low productive breeds of miltch animals
- Lower milk production
- Lack of feed & fodder availability
- Non availability of wood/fuel
- Lack of proper market facilities
- Lack of educational, transportation, medical & health care facilities
- Low wages
- Small land holdings
- Low income of the households
- Lack of employment opportunity.
- Migration from the project area.

An annual action plan for the entire activity of the project according to availability of budget has been proposed for the annual schedule from 2009 to 2014. The details given below.

Gram Panchayat wise Breakup of Watershed Development Work, Livelihood and Production

S. No.	Name of MWS and Code	Name of Gram Panchayat /WC	Name of Villages	Area	Watershed Development Work	Livelihood Activities	Production System & Micro Enterprises	Total	Remarks
1	2	3	4	5	6	7	8	9	10
		Bigra Mir	Bigra Mir	108.00	7.26	1.17	1.30	9.72	
		Bigra Awaal	Bigra Awaal	103.00	6.92	1.11	1.24	9.27	
		Tinhari Mafi	Tinhari Mafi, Navipur	195.00	13.10	2.11	2.34	17.55	
		Tilja	Tilja	105.00	7.06	1.13	1.26	9.45	
		Sunora Gosi	Sunora Gosi	56.00	3.76	0.60	0.67	5.04	
		Bharwalia Budhan	Bharwalia Budhan, Bharwalia Chak	70.00	4.70	0.76	0.84	6.30	
		Dashanwa	Dashanwa	115.00	7.73	1.24	1.38	10.35	
		Jatediha Duboliya	Jatediha Duboliya, Gangecha	162.00	10.89	1.75	1.94	14.58	
1	SEMARIYAWAN / 2B1C7e1d	Mudadiha Beg	Mudadiha Beg, Rasulpur Mishroliya, Chainpur	203.00	13.64	2.19	2.44	18.27	
		Dudhara	Dudhara, Banhaeta	202.00	13.57	2.18	2.42	18.18	
		Madaarpur	Madaarpur, Laukilala	148.00	9.95	1.60	1.78	13.32	
		Semariyawan	Semariyawan	290.00	19.49	3.13	3.48	26.10	
		Chorha	Chorha	103.00	6.92	1.11	1.24	9.27	
		Badya Mafi	Badya Mafi	68.00	4.57	0.73	0.82	6.12	
		Muhammad Garh	Muhammad Garh, Madna	95.00	6.38	1.03	1.14	8.55	
		Dariyabad	Dariyabad, Kathakpurwa	112.00	7.53	1.21	1.34	10.08	
		Pipra Gobind	Pipra Gobind	65.00	4.37	0.70	0.78	5.85	
		SUB TOTAL		2200.00	147.84	23.76	26.40	198.00	
		Parsa Shekh	Parsa Shekh, Dewariya shekh	152.20	10.23	1.64	1.83	13.70	
		Siswa Dakhini	Siswa Dakhini, Gartholi, Pipra Hankar	179.00	12.03	1.93	2.15	16.11	
		Ahiroli	Ahiroli, Katya, Tanksi Tanksa, Chapiya Anandrai	203.30	13.66	2.20	2.44	18.30	
		Changuriya Banguriya	Changuriya Banguriya	95.00	6.38	1.03	1.14	8.55	
2	KUSAMA MAFI / 2B1C7e1e	Dhusura	Dhusura, Bhangura Ahirani, Rautpar, Manjhari	189.00	12.70	2.04	2.27	17.01	
		Gohaniya Mafi	Gohaniya Mafi, Kusma Mafi	289.00	19.42	3.12	3.47	26.01	
		Hatwa	Hatwa, Biranjot, Bharwaliyababu, Parsohiyakala	107.30	7.21	1.16	1.29	9.66	
		Summa	Summa, Bhikhadand	115.20	7.74	1.24	1.38	10.37	
		Badhyalala	Badhyalala	38.00	2.55	0.41	0.46	3.42	
		Pakri Argi Diwahari	Pakri Argi Diwahari	98.00	6.59	1.06	1.18	8.82	
		SUB TOTAL		1466.00	98.52	15.83	17.59	131.94	
		GRAND TOTAL		3666.00	246.36	39.59	43.99	329.94	

System & Micro Enterprise

Finan	cial Break up of W	/atershe	ed Dev	elopm	ent Wo	orks			F	in. : in Lacs
		For Pro	oject sa	nctione	d 2009-	10				
	Activity			Target	as AAP				tual vment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	1.65	2.96	2.83	3.55	10.99			
	Horticulture	0.00	0.67	1.21	1.16	1.45	4.48			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	11.56	20.74	19.89	24.90	77.08			
	Bench terracing									
	Others FB/MB/PFB	0.00	8.82	15.82	15.16	18.99	58.78			
Veg. & Engg. Structures	Earthen Checks	0.00	4.56	8.19	7.86	9.84	30.45			
	Brushwood Checks									
	Gully Plugs	0.00	1.61	2.89	2.77	3.47	10.74			
	Loose Boulders	0.00	0.40	0.71	0.68	0.85	2.64			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.61	1.09	1.04	1.30	4.04			
	Checkdams/Tanks	0.00	3.61	6.47	6.23	7.78	24.09			
	Nallah Bunds	0.00	0.84	1.52	1.45	1.82	5.64			
	Percolation Tanks	0.00	0.74	1.32	1.27	1.59	4.93			
	Ground Water Recharge Structures	0.00	0.74	1.32	1.27	1.59	4.93			
	Others WHB/SB	0.00	1.13	2.03	1.96	2.45	7.56			
Livelihood	on-Farm activities	0.00	1.19	4.75	3.56	2.38	11.88			
	off-Farm activities	0.00	2.77	11.09	8.31	5.54	27.71			
	Pdn. System	0.00	3.69	14.75	15.81	9.75	43.99			
	Total	0.00	44.58	96.84	91.26	97.25	329.94			

ANNUAL ACTION PLAN for IWMP Ist, Sant Kabir Nagar

Finan	cial Break up of V	Vatersh	ed Dev	velopm	ent W	orks				Fin. : in Lacs
For Project sa	nctioned 2009-10							MWS C	ode- 2B1	C7e1d
	Activity		-	Target	as AAP	-			ctual evment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.99	1.77	1.70	2.13	6.59			
	Horticulture	0.00	0.40	0.72	0.70	0.87	2.69			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	6.94	12.44	11.93	14.94	46.26			
	Bench terracing									
	Others FB/MB/PFB	0.00	5.29	9.49	9.10	11.39	35.27			
Veg. & Engg. Structures	Earthen Checks	0.00	2.74	4.91	4.72	5.90	18.27			
	Brushwood Checks									
	Gully Plugs	0.00	0.97	1.73	1.66	2.08	6.45			
	Loose Boulders	0.00	0.24	0.42	0.41	0.51	1.58			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.36	0.66	0.62	0.78	2.42			
	Checkdams/Tanks	0.00	2.17	3.88	3.74	4.67	14.46			
	Nallah Bunds	0.00	0.51	0.91	0.87	1.09	3.39			
	Percolation Tanks	0.00	0.44	0.79	0.76	0.96	2.96			
	Ground Water	0.00	0.44	0.79	0.76	0.96	2.96			
	Recharge Structures	0.00	0.44	0.79	0.70	0.90	2.90			
	Others WHB/SB	0.00	0.68	1.22	1.17	1.47	4.54			
Livelihood	on-Farm activities	0.00	0.71	2.85	2.14	1.43	7.13			
	off-Farm activities	0.00	1.66	6.65	4.99	3.33	16.63			
	Pdn. System	0.00	2.21	8.85	9.49	5.85	26.40			
	Total	0.00	26.75	58.12	54.77	58.36	198.00			

MICRO WATERSHAD CODE WISE ANNUAL ACTION PLAN

Finar	ncial Break up of Wat	ershed D	evelop	oment	Work	s			Fin. :	in Lacs
MWS Code- 2B1C7	'e1d							Gram Pa	nchayat- Bi	grameer
	Activity			Farget a	s AAP			Actual A	chievment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.05	0.09	0.08	0.10	0.32			
	Horticulture	0.00	0.02	0.04	0.03	0.04	0.13			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.34	0.61	0.59	0.73	2.27			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.26	0.47	0.45	0.56	1.73			
Veg. & Engg. Structures	Earthen Checks	0.00	0.13	0.24	0.23	0.29	0.90			
	Brushwood Checks									
	Gully Plugs	0.00	0.05	0.09	0.08	0.10	0.32			
	Loose Boulders	0.00	0.01	0.02	0.02	0.03	0.08			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.02	0.03	0.03	0.04	0.12			
	Checkdams/Tanks	0.00	0.11	0.19	0.18	0.23	0.71			
	Nallah Bunds	0.00	0.02	0.04	0.04	0.05	0.17			
	Percolation Tanks	0.00	0.02	0.04	0.04	0.05	0.15			
	Ground Water Recharge Structures	0.00	0.02	0.04	0.04	0.05	0.15			
	Others WHB/SB	0.00	0.03	0.06	0.06	0.07	0.22			
Livelihood	on-Farm activities	0.00	0.03	0.14	0.10	0.07	0.35			
	off-Farm activities	0.00	0.08	0.33	0.24	0.16	0.82			
	Pdn. System	0.00	0.11	0.43	0.47	0.29	1.30			
	Total	0.00	1.31	2.85	2.69	2.86	9.72			

Financ	ial Break up of W	atershed	Devel	opmer	nt Wor	'ks			Fir	n. : in Lacs
MWS Code- 2B1C7	'e1d						G	ram Pan	chayat- Big	ra Auval
	Activity		Т	arget as	AAP			Actual A	chievment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.05	0.08	0.08	0.10	0.31			
	Horticulture	0.00	0.02	0.03	0.03	0.04	0.13			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.32	0.58	0.56	0.70	2.17			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.25	0.44	0.43	0.53	1.65			
Veg. & Engg. Structures	Earthen Checks	0.00	0.13	0.23	0.22	0.28	0.86			
	Brushwood Checks									
	Gully Plugs	0.00	0.05	0.08	0.08	0.10	0.30			
	Loose Boulders	0.00	0.01	0.02	0.02	0.02	0.07			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.02	0.03	0.03	0.04	0.11			
	Checkdams/Tanks	0.00	0.10	0.18	0.17	0.22	0.68			
	Nallah Bunds	0.00	0.02	0.04	0.04	0.05	0.16			
	Percolation Tanks	0.00	0.02	0.04	0.04	0.04	0.14			
	Ground Water Recharge Structures	0.00	0.02	0.04	0.04	0.04	0.14			
	Others WHB/SB	0.00	0.03	0.06	0.05	0.07	0.21			
Livelihood	on-Farm activities	0.00	0.03	0.13	0.10	0.07	0.33			
	off-Farm activities	0.00	0.08	0.31	0.23	0.16	0.78			
	Pdn. System	0.00	0.10	0.41	0.44	0.27	1.24			
	Total	0.00	1.25	2.72	2.56	2.73	9.27			

Financ	ial Break up of Wat	ershed	Deve	opme	nt Wo	rks			Fin	. : in Lacs
MWS Code- 2B1C7	/e1d						Gra	m Panch	ayat- Tinah	ari Mafi
	Activity Target as AAP Actual Achievme 2009-10 2010-11 2011-12 2013-14 Total 2010-11 2011-12									
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.09	0.16	0.15	0.19	0.58			
	Horticulture	0.00	0.04	0.06	0.06	0.08	0.24			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.62	1.10	1.06	1.32	4.10			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.47	0.84	0.81	1.01	3.13			
Veg. & Engg. Structures	Earthen Checks	0.00	0.24	0.44	0.42	0.52	1.62			
	Brushwood Checks									
	Gully Plugs	0.00	0.09	0.15	0.15	0.18	0.57			
	Loose Boulders	0.00	0.02	0.04	0.04	0.05	0.14			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.03	0.06	0.06	0.07	0.21			
	Checkdams/Tanks	0.00	0.19	0.34	0.33	0.41	1.28			
	Nallah Bunds	0.00	0.04	0.08	0.08	0.10	0.30			
	Percolation Tanks	0.00	0.04	0.07	0.07	0.08	0.26			
	Ground Water Recharge Structures	0.00	0.04	0.07	0.07	0.08	0.26			
	Others WHB/SB	0.00	0.06	0.11	0.10	0.13	0.40			
Livelihood	on-Farm activities	0.00	0.06	0.25	0.19	0.13	0.63			
	off-Farm activities	0.00	0.15	0.59	0.44	0.29	1.47			
	Pdn. System	0.00	0.20	0.78	0.84	0.52	2.34			
	Total	0.00	2.37	5.15	4.85	5.17	17.55			

Financi	al Break up of Wate	ershed	Develo	opmen	t Wor	ks			Fin	. : in Lacs
MWS Code- 2B1C	7e1d							Grai	m Panchaya	at- Tilja
	Activity			F arget a	s AAP			Actual A	chievment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.05	0.08	0.08	0.10	0.31			
	Horticulture	0.00	0.02	0.03	0.03	0.04	0.13			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.33	0.59	0.57	0.71	2.21			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.25	0.45	0.43	0.54	1.68			
Veg. & Engg. Structures	Earthen Checks	0.00	0.13	0.23	0.23	0.28	0.87			
	Brushwood Checks									
	Gully Plugs	0.00	0.05	0.08	0.08	0.10	0.31			
	Loose Boulders	0.00	0.01	0.02	0.02	0.02	0.08			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.02	0.03	0.03	0.04	0.12			
	Checkdams/Tanks	0.00	0.10	0.19	0.18	0.22	0.69			
	Nallah Bunds	0.00	0.02	0.04	0.04	0.05	0.16			
	Percolation Tanks	0.00	0.02	0.04	0.04	0.05	0.14			
	Ground Water Recharge Structures	0.00	0.02	0.04	0.04	0.05	0.14			
	Others WHB/SB	0.00	0.03	0.06	0.06	0.07	0.22			
Livelihood	on-Farm activities	0.00	0.03	0.14	0.10	0.07	0.34			
	off-Farm activities	0.00	0.08	0.32	0.24	0.16	0.79			
	Pdn. System	0.00	0.11	0.42	0.45	0.28	1.26			
	Total	0.00	1.28	2.77	2.61	2.79	9.45			

Financ	ial Break up of Wat	ershed	Develo	opmen	t Wor	ks			Fin	. : in Lacs
MWS Code- 2B1C	.7e1d						Gram	Panchay	at- Sonaur	a Gausi
	Activity		-	Target a	s AAP			Actual A	chievment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.03	0.05	0.04	0.05	0.17			
	Horticulture	0.00	0.01	0.02	0.02	0.02	0.07			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.18	0.32	0.30	0.38	1.18			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.13	0.24	0.23	0.29	0.90			
Veg. & Engg. Structures	Earthen Checks	0.00	0.07	0.13	0.12	0.15	0.47			
	Brushwood Checks									
	Gully Plugs	0.00	0.02	0.04	0.04	0.05	0.16			
	Loose Boulders	0.00	0.01	0.01	0.01	0.01	0.04			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.01	0.02	0.02	0.02	0.06			
	Checkdams/Tanks	0.00	0.06	0.10	0.10	0.12	0.37			
	Nallah Bunds	0.00	0.01	0.02	0.02	0.03	0.09			
	Percolation Tanks	0.00	0.01	0.02	0.02	0.02	0.08			
	Ground Water Recharge Structures	0.00	0.01	0.02	0.02	0.02	0.08			
	Others WHB/SB	0.00	0.02	0.03	0.03	0.04	0.12			
Livelihood	on-Farm activities	0.00	0.02	0.07	0.05	0.04	0.18			
	off-Farm activities	0.00	0.04	0.17	0.13	0.08	0.42			
	Pdn. System	0.00	0.06	0.23	0.24	0.15	0.67			
	Total	0.00	0.68	1.48	1.39	1.49	5.04			

Financial Break up of Watershed Development Works

Fin. : in Lacs

MWS Code- 2B1C7	e1d					Gra	m Par	nchayat-	Bharawalia	a Budhan
	Activity		٦	Farget a	s AAP			Actual A	chievment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.03	0.06	0.05	0.07	0.21			
	Horticulture	0.00	0.01	0.02	0.02	0.03	0.09			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.22	0.40	0.38	0.48	1.47			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.17	0.30	0.29	0.36	1.12			
Veg. & Engg. Structures	Earthen Checks	0.00	0.09	0.16	0.15	0.19	0.58			
	Brushwood Checks									
	Gully Plugs	0.00	0.03	0.06	0.05	0.07	0.21			
	Loose Boulders	0.00	0.01	0.01	0.01	0.02	0.05			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.01	0.02	0.02	0.02	0.08			
	Checkdams/Tanks	0.00	0.07	0.12	0.12	0.15	0.46			
	Nallah Bunds	0.00	0.02	0.03	0.03	0.03	0.11			
	Percolation Tanks	0.00	0.01	0.03	0.02	0.03	0.09			
	Ground Water Recharge Structures	0.00	0.01	0.03	0.02	0.03	0.09			
	Others WHB/SB	0.00	0.02	0.04	0.04	0.05	0.14			
Livelihood	on-Farm activities	0.00	0.02	0.09	0.07	0.05	0.23			
	off-Farm activities	0.00	0.05	0.21	0.16	0.11	0.53			
	Pdn. System	0.00	0.07	0.28	0.30	0.19	0.84			
	Total	0.00	0.85	1.85	1.74	1.86	6.30			

Financial	Break up of Watersl	ned De	velopr	nent V	Vorks				Fin. : in La	cs
MWS Code- 2B1C7	'e1d							Gram	Panchayat-	Dasawa
	Activity			Target a	as AAP			Actual A	Achievment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.05	0.09	0.09	0.11	0.34			
	Horticulture	0.00	0.02	0.04	0.04	0.05	0.14			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.36	0.65	0.62	0.78	2.42			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.28	0.50	0.48	0.60	1.84			
Veg. & Engg. Structures	Earthen Checks	0.00	0.14	0.26	0.25	0.31	0.96			
	Brushwood Checks									
	Gully Plugs	0.00	0.05	0.09	0.09	0.11	0.34			
	Loose Boulders	0.00	0.01	0.02	0.02	0.03	0.08			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.02	0.03	0.03	0.04	0.13			
	Checkdams/Tanks	0.00	0.11	0.20	0.20	0.24	0.76			
	Nallah Bunds	0.00	0.03	0.05	0.05	0.06	0.18			
	Percolation Tanks	0.00	0.02	0.04	0.04	0.05	0.15			
	Ground Water Recharge Structures	0.00	0.02	0.04	0.04	0.05	0.15			
	Others WHB/SB	0.00	0.04	0.06	0.06	0.08	0.24			
Livelihood	on-Farm activities	0.00	0.04	0.15	0.11	0.07	0.37			
	off-Farm activities	0.00	0.09	0.35	0.26	0.17	0.87			
	Pdn. System	0.00	0.12	0.46	0.50	0.31	1.38			
	Total	0.00	1.40	3.04	2.86	3.05	10.35			

Financ	cial Break up of Wat	tershed	Deve	opme	nt Wo	rks			Fin	. : in Lacs
MWS Code- 2B1C7e1d Gram Panchayat-Jate Diha Duba Activity Target as AAP Actual Achievment										
	Activity			Target a	as AAP			Actual A	chievment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.07	0.13	0.13	0.16	0.49			
	Horticulture	0.00	0.03	0.05	0.05	0.06	0.20			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.51	0.92	0.88	1.10	3.41			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.39	0.70	0.67	0.84	2.60			
Veg. & Engg. Structures	Earthen Checks	0.00	0.20	0.36	0.35	0.43	1.35			
	Brushwood Checks									
	Gully Plugs	0.00	0.07	0.13	0.12	0.15	0.47			
	Loose Boulders	0.00	0.02	0.03	0.03	0.04	0.12			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.03	0.05	0.05	0.06	0.18			
	Checkdams/Tanks	0.00	0.16	0.29	0.28	0.34	1.06			
	Nallah Bunds	0.00	0.04	0.07	0.06	0.08	0.25			
	Percolation Tanks	0.00	0.03	0.06	0.06	0.07	0.22			
	Ground Water Recharge Structures	0.00	0.03	0.06	0.06	0.07	0.22			
	Others WHB/SB	0.00	0.05	0.09	0.09	0.11	0.33			
Livelihood	on-Farm activities	0.00	0.05	0.21	0.16	0.10	0.52			
	off-Farm activities	0.00	0.12	0.49	0.37	0.24	1.22			
	Pdn. System	0.00	0.16	0.65	0.70	0.43	1.94			
	Total	0.00	1.97	4.28	4.03	4.30	14.58			

MWS Code- 2B10	ial Break up of Wat		2010				Gram	Panchav	at-Mudad	in. : in Lacs iha Beg
	Activity			Target	as AAP			A Achi		
		2009-10	2010- 11	2011- 12	2012- 13	2013- 14	Total	2010-11	2011-12	Justificatio n
Land Development	Afforestation	0.00	0.09	0.16	0.16	0.20	0.61			
	Horticulture	0.00	0.04	0.07	0.06	0.08	0.25			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.64	1.15	1.10	1.38	4.27			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.49	0.88	0.84	1.05	3.25			
Veg. & Engg. Structures	Earthen Checks	0.00	0.25	0.45	0.44	0.54	1.69			
	Brushwood Checks									
	Gully Plugs	0.00	0.09	0.16	0.15	0.19	0.59			
	Loose Boulders	0.00	0.02	0.04	0.04	0.05	0.15			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.03	0.06	0.06	0.07	0.22			
	Checkdams/Tanks	0.00	0.20	0.36	0.34	0.43	1.33			
	Nallah Bunds	0.00	0.05	0.08	0.08	0.10	0.31			
	Percolation Tanks	0.00	0.04	0.07	0.07	0.09	0.27			
	Ground Water Recharge Structures	0.00	0.04	0.07	0.07	0.09	0.27			
	Others WHB/SB	0.00	0.06	0.11	0.11	0.14	0.42			
Livelihood	on-Farm activities	0.00	0.07	0.26	0.20	0.13	0.66			
	off-Farm activities	0.00	0.15	0.61	0.46	0.31	1.53			
	Pdn. System	0.00	0.20	0.82	0.88	0.54	2.44			
	Total	0.00	2.47	5.36	5.05	5.39	18.2 7			

Finan	cial Break up of Wa	tershed	Devel	opmei	nt Woi	r ks			Fin.	. : in Lacs		
MWS Code- 2B1C	7e1d							Gram F	Gram Panchayat-Dudhara			
	Activity			Target	Actual A							
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification		
Land Development	Afforestation	0.00	0.09	0.16	0.16	0.20	0.61					
	Horticulture	0.00	0.04	0.07	0.06	0.08	0.25					
	Agriculture											
	Pasture											
SMC	Sttaggered trenching											
	Contour Bunding	0.00	0.64	1.14	1.10	1.37	4.25					
	Bench terracing											
	Others FB/MB/PFB	0.00	0.49	0.87	0.84	1.05	3.24					
Veg. & Engg. Structures	Earthen Checks	0.00	0.25	0.45	0.43	0.54	1.68					
	Brushwood Checks											
	Gully Plugs	0.00	0.09	0.16	0.15	0.19	0.59					
	Loose Boulders	0.00	0.02	0.04	0.04	0.05	0.15					
	Gabion Structures											
	Others											
WHS	Farm Ponds	0.00	0.03	0.06	0.06	0.07	0.22					
	Checkdams/Tanks	0.00	0.20	0.36	0.34	0.43	1.33					
	Nallah Bunds	0.00	0.05	0.08	0.08	0.10	0.31					
	Percolation Tanks	0.00	0.04	0.07	0.07	0.09	0.27					
	Ground Water Recharge	0.00	0.04	0.07	0.07	0.09	0.27					
	Structures											
	Others WHB/SB	0.00	0.06	0.11	0.11	0.13	0.42					
Livelihood	on-Farm activities	0.00	0.07	0.26	0.20	0.13	0.65					
	off-Farm activities	0.00	0.15	0.61	0.46	0.31	1.53					
	Pdn. System	0.00	0.20	0.81	0.87	0.54	2.42					
	Total	0.00	2.46	5.34	5.03	5.36	18.18					

Finar	ncial Break up of Wat	tershed l	Develo	pmen	t Worl	٢S			Fin. :	in Lacs	
MWS Code- 2B1C7	/e1d							Gram Panchayat-Madarpu			
	Activity			Target a	Actual A						
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification	
Land Development	Afforestation	0.00	0.07	0.12	0.11	0.14	0.44				
	Horticulture	0.00	0.03	0.05	0.05	0.06	0.18				
	Agriculture										
	Pasture										
SMC	Sttaggered trenching										
	Contour Bunding	0.00	0.47	0.84	0.80	1.01	3.11				
	Bench terracing										
	Others FB/MB/PFB	0.00	0.36	0.64	0.61	0.77	2.37				
Veg. & Engg. Structures	Earthen Checks	0.00	0.18	0.33	0.32	0.40	1.23				
	Brushwood Checks										
	Gully Plugs	0.00	0.07	0.12	0.11	0.14	0.43				
	Loose Boulders	0.00	0.02	0.03	0.03	0.03	0.11				
	Gabion Structures										
	Others										
WHS	Farm Ponds	0.00	0.02	0.04	0.04	0.05	0.16				
	Checkdams/Tanks	0.00	0.15	0.26	0.25	0.31	0.97				
	Nallah Bunds	0.00	0.03	0.06	0.06	0.07	0.23				
	Percolation Tanks	0.00	0.03	0.05	0.05	0.06	0.20				
	Ground Water Recharge	0.00	0.03	0.05	0.05	0.06	0.20				
	Structures	0.00	0.05	0.03	0.03	0.00	0.20				
	Others WHB/SB	0.00	0.05	0.08	0.08	0.10	0.31				
Livelihood	on-Farm activities	0.00	0.05	0.19	0.14	0.10	0.48				
	off-Farm activities	0.00	0.11	0.45	0.34	0.22	1.12				
	Pdn. System	0.00	0.15	0.60	0.64	0.39	1.78				
	Total	0.00	1.80	3.91	3.68	3.93	13.32				

Financ	cial Break up of Wat	tershed	Devel	opme	nt Wo	rks			Fin	. : in Lacs
MWS Code- 2B	1C7e1d						Gram	at-Semariy	anwa	
	Activity			Target	as AAP			Actual Achievment		
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.13	0.23	0.22	0.28	0.87			
	Horticulture	0.00	0.05	0.10	0.09	0.11	0.35			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.91	1.64	1.57	1.97	6.10			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.70	1.25	1.20	1.50	4.65			
Veg. & Engg. Structures	Earthen Checks	0.00	0.36	0.65	0.62	0.78	2.41			
	Brushwood Checks									
	Gully Plugs	0.00	0.13	0.23	0.22	0.27	0.85			
	Loose Boulders	0.00	0.03	0.06	0.05	0.07	0.21			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.05	0.09	0.08	0.10	0.32			
	Checkdams/Tanks	0.00	0.29	0.51	0.49	0.62	1.91			
	Nallah Bunds	0.00	0.07	0.12	0.12	0.14	0.45			
	Percolation Tanks	0.00	0.06	0.10	0.10	0.13	0.39			
	Ground Water Recharge	0.00	0.06	0.10	0.10	0.13	0.39			
	Structures	0.00		0.10						
	Others WHB/SB	0.00	0.09	0.16	0.15	0.19	0.60			
Livelihood	on-Farm activities	0.00	0.09	0.38	0.28	0.19	0.94			
	off-Farm activities	0.00	0.22	0.88	0.66	0.44	2.19			
	Pdn. System	0.00	0.29	1.17	1.25	0.77	3.48			
	Total	0.00	3.53	7.66	7.22	7.69	26.10			

Finan	cial Break up of Wate	ershed D)evelo	pment	Work	S			Fin. : in Lacs			
MWS Code- 2B10	C7e1d							Gram F	Gram Panchayat-Chorha			
	Activity			Target a	IS AAP	Actual A						
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification		
Land Development	Afforestation	0.00	0.05	0.08	0.08	0.10	0.31					
	Horticulture	0.00	0.02	0.03	0.03	0.04	0.13					
	Agriculture											
	Pasture											
SMC	Sttaggered trenching											
	Contour Bunding	0.00	0.32	0.58	0.56	0.70	2.17					
	Bench terracing											
	Others FB/MB/PFB	0.00	0.25	0.44	0.43	0.53	1.65					
Veg. & Engg. Structures	Earthen Checks	0.00	0.13	0.23	0.22	0.28	0.86					
	Brushwood Checks											
	Gully Plugs	0.00	0.05	0.08	0.08	0.10	0.30					
	Loose Boulders	0.00	0.01	0.02	0.02	0.02	0.07					
	Gabion Structures											
	Others											
WHS	Farm Ponds	0.00	0.02	0.03	0.03	0.04	0.11					
	Checkdams/Tanks	0.00	0.10	0.18	0.17	0.22	0.68					
	Nallah Bunds	0.00	0.02	0.04	0.04	0.05	0.16					
	Percolation Tanks	0.00	0.02	0.04	0.04	0.04	0.14					
	Ground Water Recharge	0.00	0.02	0.04	0.04	0.04	0.14					
	Structures	0.00	0.02	0.04	0.04	0.04						
	Others WHB/SB	0.00	0.03	0.06	0.05	0.07	0.21					
Livelihood	on-Farm activities	0.00	0.03	0.13	0.10	0.07	0.33					
	off-Farm activities	0.00	0.08	0.31	0.23	0.16	0.78					
	Pdn. System	0.00	0.10	0.41	0.44	0.27	1.24					
	Total	0.00	1.25	2.72	2.56	2.73	9.27					

Finan	cial Break up of Wa	tershe	d Deve	elopme	ent Wo	orks			Fir	n. : in Lacs
MWS Code- 2B10	7e1d						G	ram Pan	chayat-Barh	ya Mafi
	Activity			Target a	IS AAP	Actual				
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.03	0.05	0.05	0.07	0.20			
	Horticulture	0.00	0.01	0.02	0.02	0.03	0.08			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.21	0.38	0.37	0.46	1.43			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.16	0.29	0.28	0.35	1.09			
Veg. & Engg. Structures	Earthen Checks	0.00	0.08	0.15	0.15	0.18	0.56			
	Brushwood Checks									
	Gully Plugs	0.00	0.03	0.05	0.05	0.06	0.20			
	Loose Boulders	0.00	0.01	0.01	0.01	0.02	0.05			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.01	0.02	0.02	0.02	0.07			
	Checkdams/Tanks	0.00	0.07	0.12	0.12	0.14	0.45			
	Nallah Bunds	0.00	0.02	0.03	0.03	0.03	0.10			
	Percolation Tanks	0.00	0.01	0.02	0.02	0.03	0.09			
	Ground Water Recharge Structures	0.00	0.01	0.02	0.02	0.03	0.09			
	Others WHB/SB	0.00	0.02	0.04	0.04	0.05	0.14			
Livelihood	on-Farm activities	0.00	0.02	0.09	0.07	0.04	0.22			
	off-Farm activities	0.00	0.05	0.21	0.15	0.10	0.51			
	Pdn. System	0.00	0.07	0.27	0.29	0.18	0.82			
	Total	0.00	0.83	1.80	1.69	1.80	6.12			

Finan	cial Break up of V	Vatersh	ed Dev	elopme	nt Wor	[•] ks			Fin	. : in Lacs
MWS Code- 2B1C	7e1d					Gi	ram P	anchaya	t-Muhamm	ad Garh
	Activity			Target as	Actual A					
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.04	0.08	0.07	0.09	0.28			
	Horticulture	0.00	0.02	0.03	0.03	0.04	0.12			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.30	0.54	0.52	0.65	2.00			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.23	0.41	0.39	0.49	1.52			
Veg. & Engg. Structures	Earthen Checks	0.00	0.12	0.21	0.20	0.25	0.79			
	Brushwood Checks									
	Gully Plugs	0.00	0.04	0.07	0.07	0.09	0.28			
	Loose Boulders	0.00	0.01	0.02	0.02	0.02	0.07			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.02	0.03	0.03	0.03	0.10			
	Checkdams/Tanks	0.00	0.09	0.17	0.16	0.20	0.62			
	Nallah Bunds	0.00	0.02	0.04	0.04	0.05	0.15			
	Percolation Tanks	0.00	0.02	0.03	0.03	0.04	0.13			
	Ground Water Recharge Structures	0.00	0.02	0.03	0.03	0.04	0.13			
	Others WHB/SB	0.00	0.03	0.05	0.05	0.06	0.20			
Livelihood	on-Farm activities	0.00	0.03	0.12	0.09	0.06	0.31			
	off-Farm activities	0.00	0.07	0.29	0.22	0.14	0.72			
	Pdn. System	0.00	0.10	0.38	0.41	0.25	1.14			
	Total	0.00	1.16	2.51	2.37	2.52	8.55			

Financ	cial Break up of W	/atersh	ed Dev	elopm	ent Wo	orks			Fin	. : in Lacs
MWS Code- 2B1	C7e1d						Gr	am Pano	hayat-Dari	ya Bad
	Activity			Target	Actual A					
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.05	0.09	0.09	0.11	0.34			
	Horticulture	0.00	0.02	0.04	0.04	0.04	0.14			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.35	0.63	0.61	0.76	2.36			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.27	0.48	0.46	0.58	1.80			
Veg. & Engg. Structures	Earthen Checks	0.00	0.14	0.25	0.24	0.30	0.93			
	Brushwood Checks									
	Gully Plugs	0.00	0.05	0.09	0.08	0.11	0.33			
	Loose Boulders	0.00	0.01	0.02	0.02	0.03	0.08			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.02	0.03	0.03	0.04	0.12			
	Checkdams/Tanks	0.00	0.11	0.20	0.19	0.24	0.74			
	Nallah Bunds	0.00	0.03	0.05	0.04	0.06	0.17			
	Percolation Tanks	0.00	0.02	0.04	0.04	0.05	0.15			
	Ground Water Recharge Structures	0.00	0.02	0.04	0.04	0.05	0.15			
	Others WHB/SB	0.00	0.03	0.06	0.06	0.07	0.23			
Livelihood	on-Farm activities	0.00	0.04	0.15	0.11	0.07	0.36			
	off-Farm activities	0.00	0.08	0.34	0.25	0.17	0.85			
	Pdn. System	0.00	0.11	0.45	0.48	0.30	1.34			
	Total	0.00	1.36	2.96	2.79	2.97	10.08			

Finan	cial Break up of Wa	tershed	l Deve	lopme	nt Wo	rks			Fin	. : in Lacs
MWS Code- 2B	1C7e1d						Gra	n Pancha	ayat-Pipra G	ovind
	Activity			Target a	IS AAP			Actual	Achievment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.03	0.05	0.05	0.06	0.19			
	Horticulture	0.00	0.01	0.02	0.02	0.03	0.08			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.21	0.37	0.35	0.44	1.37			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.16	0.28	0.27	0.34	1.04			
Veg. & Engg. Structures	Earthen Checks	0.00	0.08	0.15	0.14	0.17	0.54			
	Brushwood Checks									
	Gully Plugs	0.00	0.03	0.05	0.05	0.06	0.19			
	Loose Boulders	0.00	0.01	0.01	0.01	0.02	0.05			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.01	0.02	0.02	0.02	0.07			
	Checkdams/Tanks	0.00	0.06	0.11	0.11	0.14	0.43			
	Nallah Bunds	0.00	0.01	0.03	0.03	0.03	0.10			
	Percolation Tanks	0.00	0.01	0.02	0.02	0.03	0.09			
	Ground Water Recharge Structures	0.00	0.01	0.02	0.02	0.03	0.09			
	Others WHB/SB	0.00	0.02	0.04	0.03	0.04	0.13			
Livelihood	on-Farm activities	0.00	0.02	0.08	0.06	0.04	0.21			
	off-Farm activities	0.00	0.05	0.20	0.15	0.10	0.49			
	Pdn. System	0.00	0.07	0.26	0.28	0.17	0.78			
	Total	0.00	0.79	1.72	1.62	1.72	5.85			

Finan	cial Break up of V	Vatersh	ed Dev	velopm	nent W	orks			Fi	n. : in Lacs
For Project sa	nctioned 2009-10							MWS	Code- 2B1C	7e1e
	Activity			Target	as AAP			Actual A	Achievment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.66	1.18	1.13	1.42	4.39			
	Horticulture	0.00	0.27	0.48	0.46	0.58	1.79			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	4.62	8.29	7.95	9.96	30.83			
	Bench terracing									
	Others FB/MB/PFB	0.00	3.53	6.33	6.06	7.59	23.51			
Veg. & Engg. Structures	Earthen Checks	0.00	1.83	3.27	3.14	3.93	12.18			
	Brushwood Checks									
	Gully Plugs	0.00	0.64	1.15	1.11	1.39	4.30			
	Loose Boulders	0.00	0.16	0.28	0.27	0.34	1.05			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.24	0.44	0.42	0.52	1.62			
	Checkdams/Tanks	0.00	1.45	2.59	2.49	3.11	9.63			
	Nallah Bunds	0.00	0.34	0.61	0.58	0.73	2.26			
	Percolation Tanks	0.00	0.29	0.53	0.51	0.64	1.97			
	Ground Water Recharge Structures	0.00	0.29	0.53	0.51	0.64	1.97			
	Others WHB/SB	0.00	0.45	0.81	0.78	0.98	3.02			
Livelihood	on-Farm activities	0.00	0.47	1.90	1.42	0.95	4.75			
	off-Farm activities	0.00	1.11	4.43	3.32	2.22	11.08			
	Pdn. System	0.00	1.47	5.90	6.32	3.90	17.59			
	Total	0.00	17.83	38.73	36.50	38.89	131.94			

Financ	ial Break up of V	Waters	hed De	velopn	nent W	orks			Fi	n. : in Lacs
MWS Code- 2B1	C7e1e						Grai	m Pancha	ayat- Parsa	Sheikh
	Activity			Tar	get as A	AP		Actual A	chievment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.07	0.12	0.12	0.15	0.46			
	Horticulture	0.00	0.03	0.05	0.05	0.06	0.19			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.48	0.86	0.83	1.03	3.20			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.37	0.66	0.63	0.79	2.44			
Veg. & Engg. Structures	Earthen Checks	0.00	0.19	0.34	0.33	0.41	1.26			
	Brushwood Checks									
	Gully Plugs	0.00	0.07	0.12	0.12	0.14	0.45			
	Loose Boulders	0.00	0.02	0.03	0.03	0.04	0.11			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.03	0.05	0.04	0.05	0.17			
	Checkdams/Tanks	0.00	0.15	0.27	0.26	0.32	1.00			
	Nallah Bunds	0.00	0.03	0.06	0.06	0.08	0.23			
	Percolation Tanks	0.00	0.03	0.05	0.05	0.07	0.20			
	Ground Water Recharge Structures	0.00	0.03	0.05	0.05	0.07	0.20			
	Others WHB/SB	0.00	0.05	0.08	0.08	0.10	0.31			
Livelihood	on-Farm activities	0.00	0.05	0.20	0.15	0.10	0.49			
	off-Farm activities	0.00	0.12	0.46	0.35	0.23	1.15			
	Pdn. System	0.00	0.15	0.61	0.66	0.40	1.83			
	Total	0.00	1.85	4.02	3.79	4.04	13.70			

Financ	cial Break up of V	Waters	hed De	evelopr	nent W	/orks			F	in. : in Lacs
MWS Code- 2B1	C7e1e						Gra	m Panch	ayat- Siswa	Dakhni
	Activity			Tar	get as A	AP		Actual A	chievment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.08	0.14	0.14	0.17	0.54			
	Horticulture	0.00	0.03	0.06	0.06	0.07	0.22			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.56	1.01	0.97	1.22	3.76			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.43	0.77	0.74	0.93	2.87			
Veg. & Engg. Structures	Earthen Checks	0.00	0.22	0.40	0.38	0.48	1.49			
	Brushwood Checks									
	Gully Plugs	0.00	0.08	0.14	0.14	0.17	0.52			
	Loose Boulders	0.00	0.02	0.03	0.03	0.04	0.13			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.03	0.05	0.05	0.06	0.20			
	Checkdams/Tanks	0.00	0.18	0.32	0.30	0.38	1.18			
	Nallah Bunds	0.00	0.04	0.07	0.07	0.09	0.28			
	Percolation Tanks	0.00	0.04	0.06	0.06	0.08	0.24			
	Ground Water Recharge Structures	0.00	0.04	0.06	0.06	0.08	0.24			
	Others WHB/SB	0.00	0.06	0.10	0.10	0.12	0.37			
Livelihood	on-Farm activities	0.00	0.06	0.23	0.17	0.12	0.58			
	off-Farm activities	0.00	0.14	0.54	0.41	0.27	1.35			
	Pdn. System	0.00	0.18	0.72	0.77	0.48	2.15			
	Total	0.00	2.18	4.73	4.46	4.75	16.11			

	cial Break up of N	waleis		veiopi						Fin. : in Lacs
MWS Code- 2	B1C7e1e		1						nchayat- Ał	nirauli
	Activity			Tar	get as A/	AP	-	Actual A	chievment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.09	0.16	0.16	0.20	0.61			
	Horticulture	0.00	0.04	0.07	0.06	0.08	0.25			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.64	1.15	1.10	1.38	4.27			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.49	0.88	0.84	1.05	3.26			
Veg. & Engg. Structures	Earthen Checks	0.00	0.25	0.45	0.44	0.55	1.69			
	Brushwood Checks									
	Gully Plugs	0.00	0.09	0.16	0.15	0.19	0.60			
	Loose Boulders	0.00	0.02	0.04	0.04	0.05	0.15			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.03	0.06	0.06	0.07	0.22			
	Checkdams/Tanks	0.00	0.20	0.36	0.35	0.43	1.34			
	Nallah Bunds	0.00	0.05	0.08	0.08	0.10	0.31			
	Percolation Tanks	0.00	0.04	0.07	0.07	0.09	0.27			
	Ground Water Recharge Structures	0.00	0.04	0.07	0.07	0.09	0.27			
	Others WHB/SB	0.00	0.06	0.11	0.11	0.14	0.42			
Livelihood	on-Farm activities	0.00	0.07	0.26	0.20	0.13	0.66			
	off-Farm activities	0.00	0.15	0.61	0.46	0.31	1.54			
	Pdn. System	0.00	0.20	0.82	0.88	0.54	2.44			
	Total	0.00	2.47	5.37	5.06	5.39	18.30			

	cial Break up of V	waters		velopi	nent w	VUIKS				Fin. : in Lacs
MWS Code- 2	B1C7e1e						(Gram Par	nchayat- Dh	nusura
	Activity			Tar	get as A	٩P		Actual A	chievment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.08	0.15	0.15	0.18	0.57			
	Horticulture	0.00	0.03	0.06	0.06	0.07	0.23			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.60	1.07	1.03	1.28	3.97			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.45	0.82	0.78	0.98	3.03			
Veg. & Engg. Structures	Earthen Checks	0.00	0.24	0.42	0.41	0.51	1.57			
	Brushwood Checks									
	Gully Plugs	0.00	0.08	0.15	0.14	0.18	0.55			
	Loose Boulders	0.00	0.02	0.04	0.04	0.04	0.14			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.03	0.06	0.05	0.07	0.21			
	Checkdams/Tanks	0.00	0.19	0.33	0.32	0.40	1.24			
	Nallah Bunds	0.00	0.04	0.08	0.08	0.09	0.29			
	Percolation Tanks	0.00	0.04	0.07	0.07	0.08	0.25			
	Ground Water Recharge Structures	0.00	0.04	0.07	0.07	0.08	0.25			
	Others WHB/SB	0.00	0.06	0.10	0.10	0.13	0.39			
Livelihood	on-Farm activities	0.00	0.06	0.24	0.18	0.12	0.61			
	off-Farm activities	0.00	0.14	0.57	0.43	0.29	1.43			
	Pdn. System	0.00	0.19	0.76	0.81	0.50	2.27			
	Total	0.00	2.30	4.99	4.71	5.01	17.01			

Fina	ncial Break up of	f Water	shed De	evelopm	nent Wo	orks			Fin.	: in Lacs
MWS Code- 2B	1C7e1e					Gran	n Panc	hayat- Cl	nanguri-Ba	nguriya
	Activity			Tar	get as AA	Р		Actual A	chievment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.04	0.08	0.07	0.09	0.28			
	Horticulture	0.00	0.02	0.03	0.03	0.04	0.12			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.30	0.54	0.52	0.65	2.00			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.23	0.41	0.39	0.49	1.52			
Veg. & Engg. Structures	Earthen Checks	0.00	0.12	0.21	0.20	0.25	0.79			
	Brushwood Checks									
	Gully Plugs	0.00	0.04	0.07	0.07	0.09	0.28			
	Loose Boulders	0.00	0.01	0.02	0.02	0.02	0.07			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.02	0.03	0.03	0.03	0.10			
	Checkdams/Tanks	0.00	0.09	0.17	0.16	0.20	0.62			
	Nallah Bunds	0.00	0.02	0.04	0.04	0.05	0.15			
	Percolation Tanks	0.00	0.02	0.03	0.03	0.04	0.13			
	Ground Water Recharge Structures	0.00	0.02	0.03	0.03	0.04	0.13			
	Others WHB/SB	0.00	0.03	0.05	0.05	0.06	0.20			
Livelihood	on-Farm activities	0.00	0.03	0.12	0.09	0.06	0.31			
	off-Farm activities	0.00	0.07	0.29	0.22	0.14	0.72			
	Pdn. System	0.00	0.10	0.38	0.41	0.25	1.14			
	Total	0.00	1.16	2.51	2.37	2.52	8.55			

Finar	ncial Break up of	Water	shed De	evelopn	nent W	orks			Fir	n. : in Lacs
MWS Code- 2	31C7e1e					Gi	ram Pa	nchayat-	Gauhaniya	a Mafi
	Activity			Target a	IS AAP			Actual A	chievment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.13	0.23	0.22	0.28	0.87			
	Horticulture	0.00	0.05	0.10	0.09	0.11	0.35			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.91	1.63	1.57	1.96	6.08			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.70	1.25	1.20	1.50	4.63			
Veg. & Engg. Structures	Earthen Checks	0.00	0.36	0.65	0.62	0.78	2.40			
	Brushwood Checks									
	Gully Plugs	0.00	0.13	0.23	0.22	0.27	0.85			
	Loose Boulders	0.00	0.03	0.06	0.05	0.07	0.21			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.05	0.09	0.08	0.10	0.32			
	Checkdams/Tanks	0.00	0.28	0.51	0.49	0.61	1.90			
	Nallah Bunds	0.00	0.07	0.12	0.11	0.14	0.44			
	Percolation Tanks	0.00	0.06	0.10	0.10	0.13	0.39			
	Ground Water Recharge Structures	0.00	0.06	0.10	0.10	0.13	0.39			
	Others WHB/SB	0.00	0.09	0.16	0.15	0.19	0.60			
Livelihood	on-Farm activities	0.00	0.09	0.37	0.28	0.19	0.94			
	off-Farm activities	0.00	0.22	0.87	0.66	0.44	2.18			
	Pdn. System	0.00	0.29	1.16	1.25	0.77	3.47			
	Total	0.00	3.51	7.63	7.19	7.67	26.01			

Fina	ncial Break up of	Waters	shed D	evelop	ment	Works				Fin. : in Lacs
MWS Code- 2B1	C7e1e							(Gram Pan	chayat- Hatwa
	Activity			Target a	is AAP				ctual evment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.05	0.09	0.08	0.10	0.32			
	Horticulture	0.00	0.02	0.04	0.03	0.04	0.13			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.34	0.61	0.58	0.73	2.26			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.26	0.46	0.44	0.56	1.72			
Veg. & Engg. Structures	Earthen Checks	0.00	0.13	0.24	0.23	0.29	0.89			
	Brushwood Checks									
	Gully Plugs	0.00	0.05	0.08	0.08	0.10	0.31			
	Loose Boulders	0.00	0.01	0.02	0.02	0.02	0.08			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.02	0.03	0.03	0.04	0.12			
	Checkdams/Tanks	0.00	0.11	0.19	0.18	0.23	0.71			
	Nallah Bunds	0.00	0.02	0.04	0.04	0.05	0.17			
	Percolation Tanks	0.00	0.02	0.04	0.04	0.05	0.14			
	Ground Water Recharge Structures	0.00	0.02	0.04	0.04	0.05	0.14			
	Others WHB/SB	0.00	0.03	0.06	0.06	0.07	0.22			
Livelihood	on-Farm activities	0.00	0.03	0.14	0.10	0.07	0.35			
	off-Farm activities	0.00	0.08	0.32	0.24	0.16	0.81			
	Pdn. System	0.00	0.11	0.43	0.46	0.29	1.29			
	Total	0.00	1.30	2.83	2.67	2.85	9.66			

Financi	ial Break up of Wa	tershed	Deve	lopme	nt Wo	rks				Fin. : in Lacs
MWS Code- 2B1C7e	e1e							Gran	n Panchay	at- Summa
	Activity			Target a	as AAP				ctual evment	
		2009-10	2010- 11	2011- 12	2012- 13	2013- 14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.05	0.09	0.09	0.11	0.35			
	Horticulture	0.00	0.02	0.04	0.04	0.05	0.14			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.36	0.65	0.62	0.78	2.42			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.28	0.50	0.48	0.60	1.85			
Veg. & Engg. Structures	Earthen Checks	0.00	0.14	0.26	0.25	0.31	0.96			
	Brushwood Checks									
	Gully Plugs	0.00	0.05	0.09	0.09	0.11	0.34			
	Loose Boulders	0.00	0.01	0.02	0.02	0.03	0.08			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.02	0.03	0.03	0.04	0.13			
	Checkdams/Tanks	0.00	0.11	0.20	0.20	0.24	0.76			
	Nallah Bunds	0.00	0.03	0.05	0.05	0.06	0.18			
	Percolation Tanks	0.00	0.02	0.04	0.04	0.05	0.15			
	Ground Water Recharge Structures	0.00	0.02	0.04	0.04	0.05	0.15			
	Others WHB/SB	0.00	0.04	0.06	0.06	0.08	0.24			
Livelihood	on-Farm activities	0.00	0.04	0.15	0.11	0.07	0.37			
	off-Farm activities	0.00	0.09	0.35	0.26	0.17	0.87			
	Pdn. System	0.00	0.12	0.46	0.50	0.31	1.38			
	Total	0.00	1.40	3.04	2.87	3.06	10.3 7			

Financi	al Break up of Wate	rshed	Develo	opmen	t Wor	ks			Fin	. : in Lacs
MWS Code- 2B1	C7e1e					C	Gram	Panchay	at- Barhaya	a Lala
	Activity			Target a	is AAP			Actual A	chievment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.02	0.03	0.03	0.04	0.11			
	Horticulture	0.00	0.01	0.01	0.01	0.01	0.05			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.12	0.21	0.21	0.26	0.80			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.09	0.16	0.16	0.20	0.61			
Veg. & Engg. Structures	Earthen Checks	0.00	0.05	0.08	0.08	0.10	0.32			
	Brushwood Checks									
	Gully Plugs	0.00	0.02	0.03	0.03	0.04	0.11			
	Loose Boulders	0.00	0.00	0.01	0.01	0.01	0.03			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.01	0.01	0.01	0.01	0.04			
	Checkdams/Tanks	0.00	0.04	0.07	0.06	0.08	0.25			
	Nallah Bunds	0.00	0.01	0.02	0.02	0.02	0.06			
	Percolation Tanks	0.00	0.01	0.01	0.01	0.02	0.05			
	Ground Water Recharge	0.00	0.01	0.01	0.01	0.02	0.05			
	Structures	0.00	0.01	0.01	0.01	0.02				
	Others WHB/SB	0.00	0.01	0.02	0.02	0.03	0.08			
Livelihood	on-Farm activities	0.00	0.01	0.05	0.04	0.02	0.12			
	off-Farm activities	0.00	0.03	0.11	0.09	0.06	0.29			
	Pdn. System	0.00	0.04	0.15	0.16	0.10	0.46			
	Total	0.00	0.46	1.00	0.95	1.01	3.42			

Financi	al Break up of Wate	ershed	Develo	opmen	t Wor	ks			Fin	. : in Lacs
MWS Code- 2B1C	7e1e				(Gram Pa	ancha	iyat- Pak	ri Aragi De	wahari
	Activity		-	Target a	s AAP			Actual A	chievment	
		2009-10	2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	Justification
Land Development	Afforestation	0.00	0.04	0.08	0.08	0.09	0.29			
	Horticulture	0.00	0.02	0.03	0.03	0.04	0.12			
	Agriculture									
	Pasture									
SMC	Sttaggered trenching									
	Contour Bunding	0.00	0.31	0.55	0.53	0.67	2.06			
	Bench terracing									
	Others FB/MB/PFB	0.00	0.24	0.42	0.41	0.51	1.57			
Veg. & Engg. Structures	Earthen Checks	0.00	0.12	0.22	0.21	0.26	0.81			
	Brushwood Checks									
	Gully Plugs	0.00	0.04	0.08	0.07	0.09	0.29			
	Loose Boulders	0.00	0.01	0.02	0.02	0.02	0.07			
	Gabion Structures									
	Others									
WHS	Farm Ponds	0.00	0.02	0.03	0.03	0.03	0.11			
	Checkdams/Tanks	0.00	0.10	0.17	0.17	0.21	0.64			
	Nallah Bunds	0.00	0.02	0.04	0.04	0.05	0.15			
	Percolation Tanks	0.00	0.02	0.04	0.03	0.04	0.13			
	Ground Water Recharge	0.00	0.02	0.04	0.03	0.04	0.13			
	Structures	0.00	0.02							
	Others WHB/SB	0.00	0.03	0.05	0.05	0.07	0.20			
Livelihood	on-Farm activities	0.00	0.03	0.13	0.10	0.06	0.32			
	off-Farm activities	0.00	0.07	0.30	0.22	0.15	0.74			
	Pdn. System	0.00	0.10	0.39	0.42	0.26	1.18			
	Total	0.00	1.19	2.59	2.44	2.60	8.82			

CHAPTER – 6 CAPACITY BUILDING PLAN

The total amount in this activity is Rs 22.00 Lacs have been allocated. According to distribution of fund in different level, a comprehensive detail action plan has been prepared for proper execution of human resource development in the project activities.

	YEARWISE FINANCIAL BREAK UP OF INST. & CAP. BULDG. PROGRAMME OF IWMP-I, DISTRICT-SANT KABIR NAGAR									
				PIA LAV	EL					
S.	Micro watershed	Project	Proposed	Institu	utional & Ca	apacity Buil	ding 5% of	the Total P	roject	
No.	Micro watersneu	Area	Amount	2009-10	2010-11	2011-12	2012-13	2013-14	Total	
1	SEMARIYAWAN	2200	13.20	0.00	6.07	3.04	0.93	0.00	10.04	
2	KUSAMA MAFI	1466	8.80	0.00	4.05	2.02	0.63	0.00	6.70	
	Sub Total	3666	22.00	0.00	10.12	5.06	1.56	0.00	16.74	
	WCDC LEVEL									
1	SEMARIYAWAN	2200	13.20	0.00	1.29	0.65	0.40	0.00	2.34	
2	KUSAMA MAFI	1466	8.80	0.00	0.90	0.44	0.26	0.00	1.60	
	Sub Total	3666	22.00	0.00	2.19	1.09	0.66	0.00	3.94	
				SLNA LEV	/EL			· · · · · ·		
1	SEMARIYAWAN	2200	13.20	0.00	0.53	0.26	0.00	0.00	0.79	
2	KUSAMA MAFI	1466	8.80	0.00	0.35	0.18	0.00	0.00	0.53	
	Sub Total	3666	22.00	0.00	0.88	0.44	0.00	0.00	1.32	
	Total	3666	22.00	0.00	0.35	0.53	0.00	0.00	22.00	

Year-wise bifurcation of capacity building activities IWMP -I, Sant Kabir Nagar

	First Year				Second Year			Third Y	ear			Fourth Year			Fifth Year							
S. No.	Level	Total no of person	No of person to be trained	No of training to be conduct	Train- ing day	Total Cost	No of person to be trained	No of training to be conduct	Train- ing day	Total Cost	No of person to be trained	No of training to be conduct	Train- ing day	Total Cost	No of person to be trained	No of training to be conduct	Train- ing day	Total Cost	No of person to be trained	No of training to be conduct	Train- ing day	Total Cost
1	SLNA					0.00				0.88				0.44								
2	WCDC	15	0	0	0	0.00	219			2.19	110	2	4	1.09	15	2	3	0.66	0	0	0	0.00
3	PIA	17	0	0	0	0.00	30	1	2	0.49	11	1	4	0.15	19	3	4	0.20	0	0	0	0.00
4	WDT	14	0	0	0	0.00	30	1	1	0.21	4	3	5	0.61	4	3	3	0.10	0	0	0	0.00
5	SHG	9	0	0	0	0.00	468	11	2	4.93	150	3	2	1.52	40	1	2	0.50	0	0	0	0.00
6	UG	18	0	0	0	0.00	242	6	2	2.56	170	1	2	2.18	50	1	2	0.76	0	0	0	0.00
7	WC	11	0	0	0	0.00	194	2	3	1.93	65	2	2	0.60	11	2	3	0.00	0	0	0	0.00
	TOTAL		0			0.00	1183			13.19	510			6.59	139			2.22	0	0	0	0.00

List of identified training institutes for capacity building

Project IWMP - I

District – SANT KABIRNAGAR

Sr. No.	Name of the Training Institute	Full Address with contact no, website & e-mail	Designation of the Head of Institute	Type of Institute	Area(s) of specialization	No. of training assigne d	No. of persons to be trained	Allocation to be made to the institute
1	2	3	4	5	6	7	8	9
1	Training Center	Deputy Director	Deputy Director	Departmenta	Land	3	200	2.26
	LDWR, Bali Kala	Training Center		l Training	Development &			
	Lucknow	LDWR, Bali Kala		Center	Water Resource			
		Lucknow						
2	K. V. K. Basti	Krishi Vigyan	Director	Research	Agriculture/	17	900	9.00
		Kendra, Basti		Institute	Watershed			
					Management			
3	Jila Gramya	Jila Gramya Vikas	DTO	TRAINNING	WATERSHED	3	150	1.95
	Vikas Sansthan	Sansthan / District			MANAGEMENT			
	(DIRD)	training centre,			& Livelihood			
		Basti (U.P.)			Management			

CHAPTER -7 PHASING OF PROGRAMME & BUDGETING

FINANCIAL BREAKUP OF VARIOUS COMPONENT IN TERMS OF % OF IWMP-I, DISTRICT-SANT KABIRNAGAR

Amount in Lacs

S. No	Micro Watershed	Project Area	Proposed Amount	Administrative 10%	EPA 4%	Institution and Capacity Building 5%	DPR 1%	Watershed development work 56%	Livelihood for asset less 9%	Production system and Microenterprises 10%	Monitoring 1%	Evaluation 1%	Consolidation 3%	Total 100%
1	Semeriawan	2200	264.00	26.40	10.56	13.20	2.64	147.84	23.76	26.40	2.64	2.64	7.92	264.00
2	Kusama Mafi	1466	175.92	17.59	7.04	8.80	1.76	98.52	15.83	17.59	1.76	1.76	5.28	175.92
	Total	3666	439.92	43.99	17.60	22.00	4.40	246.36	39.59	43.99	4.40	4.40	13.20	439.92

YEARWISE PHYSICAL AND FINANCIAL BREAK UP OF WORK COMPONENT OF IWMP-I,

DISTRICT-SANT KABIRNAGAR

Watershed Development Works 56% of the Project Cost

Phy. in ha, Amount in Lacs

S.	Micro Project	Proposed	2009-10		2010	-11	2011	2011-12 2012-13		-13	2013-	-14 T		DTAL	
No.	watershed	Area	Amount	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Semeriyawan	2200	132.00	0.0	0.0	294.58	19.8	642.4	43.16	628.54	42.24	634.48	42.64	2200	147.84
2	Kusama Mafi	1466	87.96	0.0	0.0	196.3	13.19	428.07	28.76	418.84	28.15	422.79	28.41	1466	98.52
	Total	3666	219.96	0.0	0.0	490.88	32.99	1070.47	71.93	1047.38	70.39	1057.27	71.05	3666	246.36

CHAPTER -8 CONSOLIDATION / EXIT STRATEGY

WATERSHED DEVELOPMENT FUND

The major source of financial assistance after post implementation period is Watershed Development Fund. The contribution of it will come mainly from the fund generated.

USER CHARGES

Various user groups will be formed in village. These user groups will collect user according to the designated rules formed during the formation of user group. These funds will be transferred to the WDF funds as per these formulated rules. The secretary of watershed committee (WC) shall maintain the records.

SUSTAINABILITY AND ENVIRONMENT SECURITY

In the proposed watershed management plan of I.W.M.P.-I Sant Kabir Nagar watershed, proper blending of bio engineering measures will be applied on 60% of the total watershed area. Based on the results of studies conducted in this region, it is estimated that more 50% of the watershed area will be treated and consequently the soil loss and runoff from the area is expected to be reduced by 70% and 65% respectively. The proposed land use plan will improve the land utilization index and crop diversification index significantly as compared to the existing one. It will help in maintaining ecosystem integrity on sustained basis along with improving the livelihood security of the farming community.

ECONOMIC ANALYSIS

Economic analysis of the project was carried by taking direct benefits and costs considering 25 year project life at 10 per cent discount rate. For this purpose of economic analysis, whole watershed development plan was divided into three sectors namely,

Agriculture, horticulture and forest/fuel wood plantation. Net present value (NPV), Benefit cost ratio (BC) ratio criteria were employed to judge the economic efficiency of each enterprise and sector.

AGRICULTURE

In rainfed agriculture the development cost can be recovered within one year as the present rainfed agriculture is being done on well maintained field, therefore, does not require much investment.

CHAPTER -9 EXPECTED OUTCOME

EMPLOYMENT

Employment has always been a problem in the village. The principal occupations of the people are dry land agriculture, animal husbandry and casual labour work. Animal husbandry does not keep them engaged full time, thus the people mainly depend upon casual labour, either in the village itself or outside it.

The project plans for creation of both wage employment and self employment opportunities. Wage employment would be created by engaging people in watershed physical works like construction of earthen bunds, farm bunds, village pond, plantation, etc. Self employment would be created by providing the people with cash support in the form of direct livelihood activities like agriculture, animal husbandry and other enterprise development.

Labour migration in search of gainful employment is one of the major problems in the remote watershed in particular. Causal employment opportunities will be generated during the implementation of the project activities. However, the changes in land use pattern and adoption of other subsidiary enterprises will generate employment opportunities for persons in the watershed.

MIGRATION

On account of agriculture and animal husbandry providing only part time employment for some part of the year, the people migrate for a better half of the year for wage labour. Employment opportunities in the local area as mentioned above will ensure lessening seasonal migration from the area.

DRINKING WATER

As a result of the watershed activities, it is expected that the quantity and quality of drinking water would be improve. The ground water quality of the project area is normal to good, the average Ph value is 6.7 to 7.8, and the Electric conductivity of the ground water is about 957 to 1125 <u>U</u>. The overall analysis of the ground water shows that the water is good for the drinking purpose. The water level in the project area ranges from 14.0 to 17.0 meters.

VEGETATIVE COVER

There is negligible area under tree cover. The village has a negligible forest area which consists of only *Prosopis Juliflora* (babool). Trees like Neem and *Alianthus* are seen just here and there, not concentrated in any area.

AGRICULTURE

Food crop production is a major land based activity in the watershed. Traditional cultivation practices, coupled with poor quality seeds and long duration crops varieties result in low crop yields. Crops are taken under rainfed as well as irrigated conditions. The yield levels of rainfed crops are particularly very poor. Large variation has been noticed in productivity of wheat and Jowar under rainfed and irrigation, condition respectively. At present level of rainfed farming, the total produce from Rabi and Kharif crops obtained by a medium size of holding owning family can meet food requirements for up to 6 to 7 months only.

The farmers also do not have suitable cropping systems to deal aberrant weather. Weeds impose considerable constraints in producing of both Kharif and rabi crops under irrigation as well as rain-fed production system. Use of weedicide is rare in the watershed. It is expected that the post project period would see a substantial increase in agriculture production and yield from them.

LIVESTOCK

The village has quite a good of livestock population. These include cows, bullocks, buffaloes, goats. The interventions like provision of good quality cows and buffaloes, the establishment of a fodder bank and other such related activities would spur up the dairy development in the village. It is expected that the post project period would see a substantial increase in livestock population and yield from them.

ABTRACT OF OUTCOMES

The overall assessment of the project certain parameters have been evaluated on the present and future basis. As mentioned in the above the food grain production according to the expenditure has been analyzed after the completion of the project.

S. No.	Name of Cereal	Area in ha	Production /ha in q	Invest Cost/ha	Rate/q	Net profit/ha	Total Net profit
1	Paddy	922.36	16.77	4000	1000	12770	11778537.2
2	Arhar	135.24	7.87	2300	4500	33115	4478472.6
3	Urd/Mung	141.23	5.08	3300	800	764	107899.72
4	Wheat	1154.21	28.2	4200	1000	24000	27701040
5	Mustard	496.35	4.26	2600	2000	5920	2938392
	Total	2849.39					47004341.52

Ratio of Cost and Profit

Status After Work:

S. No.	Name of Cereal	Area in hectare	Production /ha in q	Invest Cost/ha	Rate/q	Net profit/ha	Total Net profit
1	Paddy	1169.21	20	4000	1000	16000	18707360
2	Arhar	145.23	8	2300	4500	33700	4894251
3	Urd/Mung	151.6	7.5	3600	800	2400	363840
4	Wheat	810.36	22	4200	1000	17800	14424408
5	Mustard	505.2	12	2600	2000	21400	10811280
	Total	2781.6					49201139

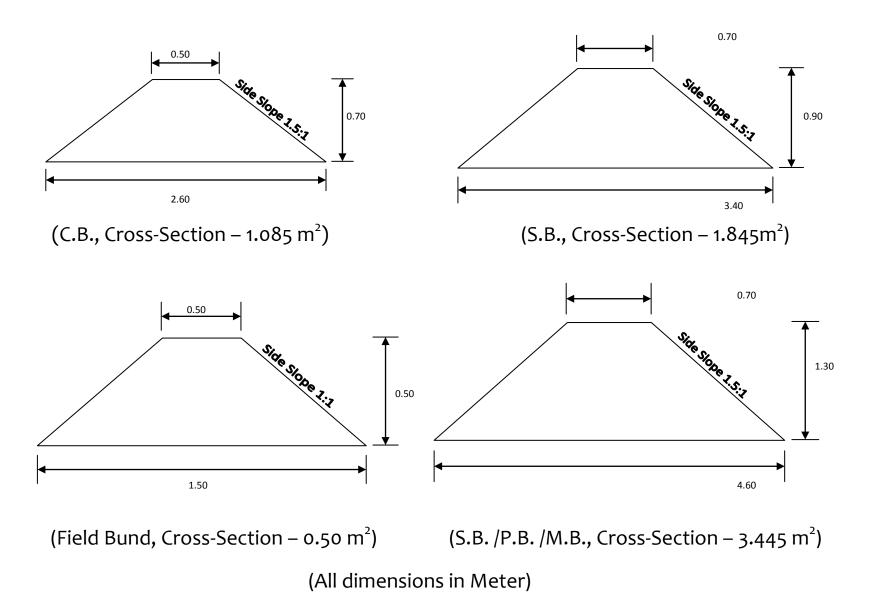
Bhoomi Sanrakshan after the treatment of Land	49201139
Bhoomi Sanrakshan before the treatment of Land	47004341.52
Net Profit	2196797.48
Ratio of cost and profit	1.046736055

The above ratio clearly indicated that the conservation of land is extremely profitable.

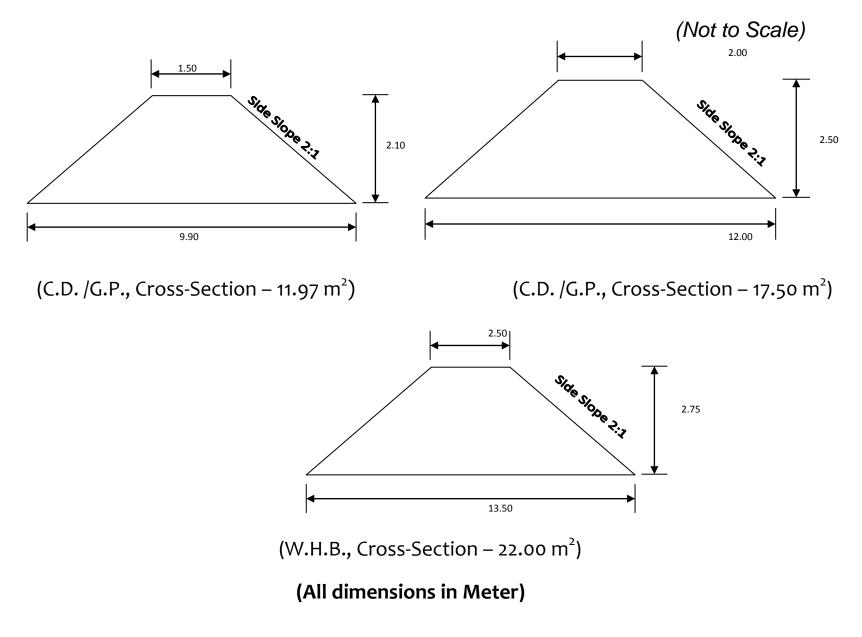
SUMMARY OF EXPECTED /ESTIMATED OUTCOMES OF IWMP-I of District- Sant Kabir Nagar (2009-2010)

S. No.	Name of the District	Item	Unit of Measurement	Pre-project Status	Expected Post- project Status
1	2	3	4	5	6
1	Sant Kabir	Status of water table	Meter	6.00 to 7.00	5.00 to 6.00
2	Nagar	Grand water structure repaired/ rejuvenated	-	-	-
3		Quality of drinking water	Good	Good	Good
4		Availability of drinking water	Meter	11 months	12 Months
5		Increase in irrigation potential			
6		Change in cropping/land use pattern	-	Single Crop	Double Cropping
7		Area under agriculture crop	ha	3666.00	3800.00
8	-	i- Area under single crop	ha	1180	1652
9		ii- Area under double crop	ha	1914	2400
10		iii- Area under multiple crop	ha	-	50
11		iv-Cropping Intensity	%	140.71	160.23
12		Increase in area under vegetation	ha	175	250
13		Increase in area under horticulture	ha	165	300
14		Increase in area under fuel & fodder	ha	3.50	9.0
15		Increase in milk production	%	3	4
16		No. of SHGs	No.	23	27
17		Increase in no. of livelihoods	No.	-	54
18		Migration	No.	260	150
19		SHG Federation formed	No.	-	-
20		Credit Linkage with banks	-	-	-

Chapter-10 COST NORMS & DESIGN OF STRUCTURE PROPOSED







DESIGN OF CONTOUR BUND

Type of Soil	-Loam, Sandy Loam	
Rain fall	-24 hr in cm -25 cm	
Field Stop -1%		
Vertical Interval (VI)	= [s/3+2] x 0.3	
	= [1/3+2] x 0.3	
	= 0.70 m	
Horizontal Interval (HI)	= 100 x V.I/s	
	= 100 x 0.7/1	
Height of bund h	$=\sqrt{(\text{Re x VI})/50}$	Re=maximum rainfall in cm
	$=\sqrt{(25 \times 0.7)/50}$	
	$=\sqrt{0.35}$	
	= 0.59	
	Say 0.60 m	
Free board	=15% of height minin	num -10 cm
Height	= 0.60 + 0.10	
	= 0.70 m	
Taking top width of bund 0.50 m ar	nd side slope 1.5:1	
Then base of Bund	= 0.50 + (1.50 d) x 2	
	= 2.60 m	
Cross-Section of bund	$= (0.50 + 2.60) \times 0.70$	o / 2
	$= 1.085 \text{ m}^2$	
Length of bund	= 100 s / V.I.	
-	= 100 x 1 / 0.70	
	=142.85 m/ha	
	Say 150 m/ha	
Earth work/ha	= 150x1.085	
-	= 162.75 cum	
Cost Rs. / ha	= 162.75 x 39.16 = 63	73.29
	Say 6375.00	

DESIGN OF SUBMERGENCE BUND

Types of soil – -Loam,Sandy Loam	Rainfall intensity for 24 hrs – 25cm
Field slope 3%	V.I.=[s/3+2]x0.30
	=0.90 m
Horizontal Interval = (100xV.I.)/s	= (100x0.90)/3
Height of bund h=√(Re x V.I.)/50	=30 m = $\sqrt{(25 \times 0.90)/50}$ = $\sqrt{0.45}$ = 0.67 m. Say 0.70m
Free board 20% of height minimum 20cm Total Height Taking top width of bund 0.70m and side slo	=0.90m ope 1.5:1
Bottom of bund	= 0.70+2 x 1.5d = 0.70+2.70 = 3.40
Cross Section of Submergence Bund	= $(0.70+3.40) \times 0.90 / 2$ = 1.845 m ²
Length of bund	= 100 s / V.I. = $(100 \times 3) / 0.90$ = 333 m
Feasible length	= 555 m 100 + 25 + 25 = 150 m
Earth work/ha	=150 x 1.845 =276.75
Cost per ha	=276.75 x 39.16 =10,837.53 Say 10,850=00

TYPICAL SECTION OF FIELD BUND

Top width	= 0.50 m
Side slope	= 1:1
Height of bound	= 0.50 m
Bottom Width	= 1.50 m
Cross section	$= (0.50+1.50) \times 0.50/2 = 0.50 \text{ m}^2$
Length per hectare	= 200 m
Earthwork	= 200 x 0.50 = 100 cum
Cost 39.16/cum	= Rs. 3916.00
Cost per hectare	= Rs. 3916.00

TYPICAL SECTION OF P.B., M.B., S.B.

Top width	= 0.70 m
Side slope	= 1.5:1
Height	= 1.30 m
Bottom	= 4.60 m
Cross section	= (0.70+4.60)x1.30/2
	$= 3.445 \text{ m}^2$
Cost/ meter	= Rs. 142.00

TYPICAL SECTION OF EARTHEN CHECK DAM / GULLY PLUG

Top width	= 1.50 m
Side slope	= 2:1
Height	= 2.10M
Bottom Width	= 9.90 m
Cross section	= (1.50 + 9.90) x 2.10 / 2
	= 11.97 m ²
Cost per meter	= Rs. 551.45

TYPICAL SECTION OF CHECK DAM / GULLY PLUG

Top width	= 2.00m
Side slope	= 2:1
Height	= 2.50 m
Bottom Width	= 12.00 m
Cross Section	= (2.00 + 12.00) x 2.50 / 2
	= 17.50 m ²
Cost /meter	= Rs. 839.12

TYPICAL SECTION OF W.H.B

Top width	= 2.50 m
Side slope	= 2:1
Height	= 2.75 m
Bottom Width	= 13.50 m
Cross section	= (2.50 + 13.50) x 2.75 / 2
	= 22.00 m^2
Per meter cost	= Rs. 1085.92

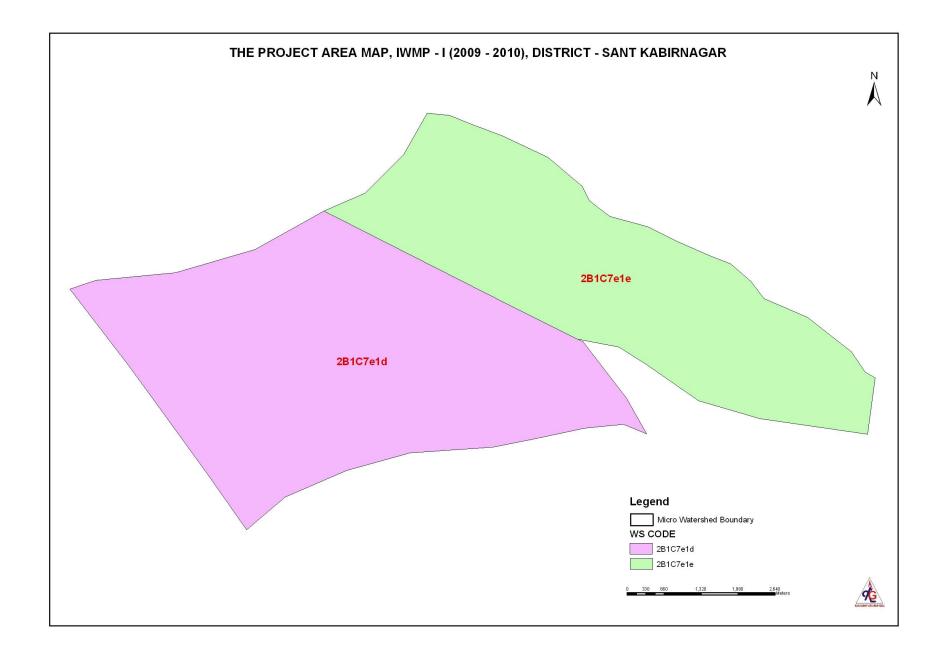
CHAPTER -11 MAPS

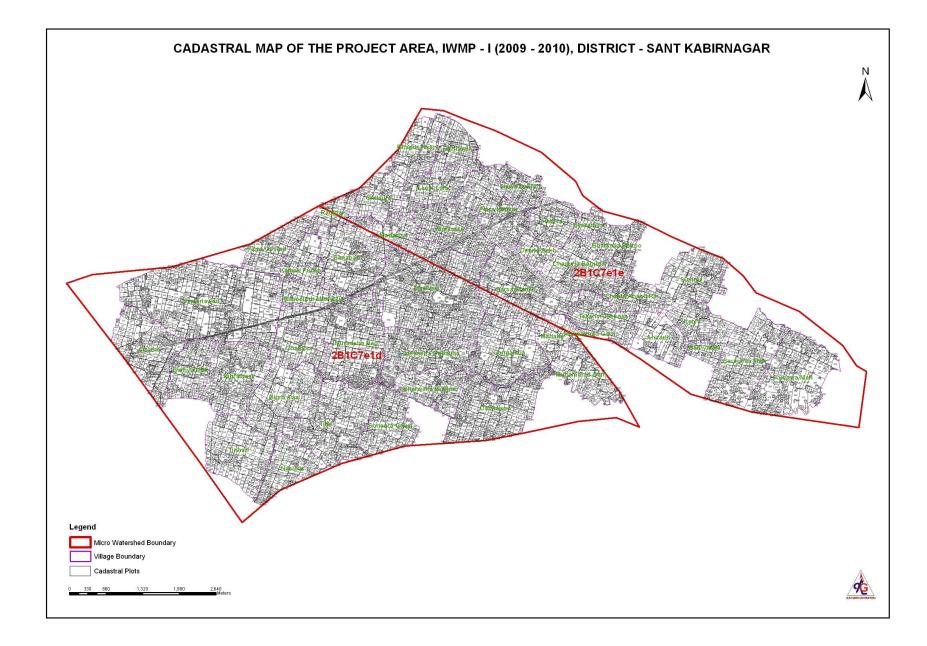
MAPS

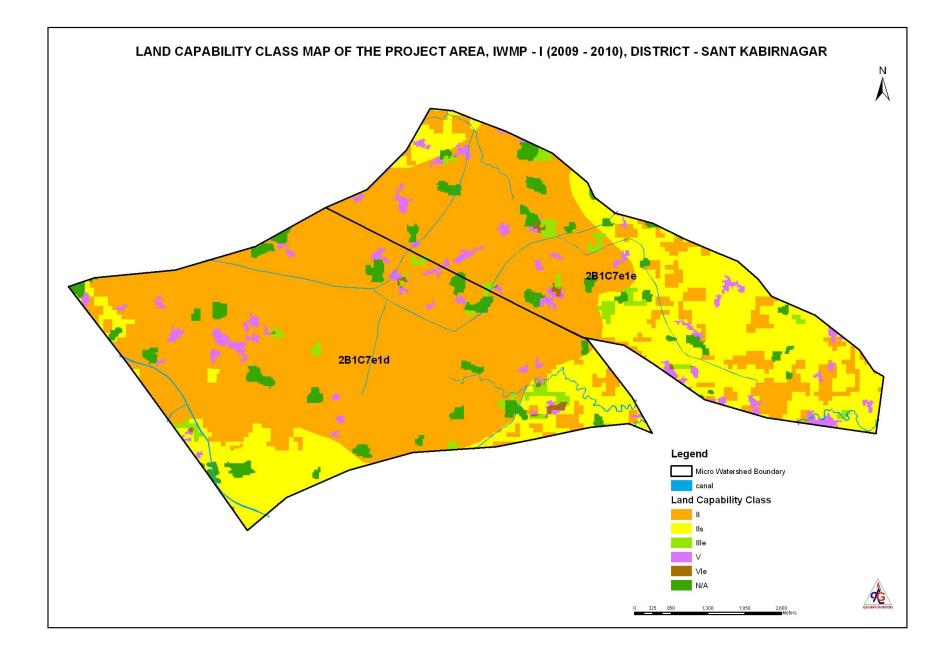
An attempt has been to map the surface details of the project area, as per the instruction of the common Guide lines-2008, All the thematic maps of the study area have been prepared through using remote sensing and geographical information system(G.I.S.) technique, following the fundamental norms of the National Map Policy-2006. The details of the thematic maps have been given below.

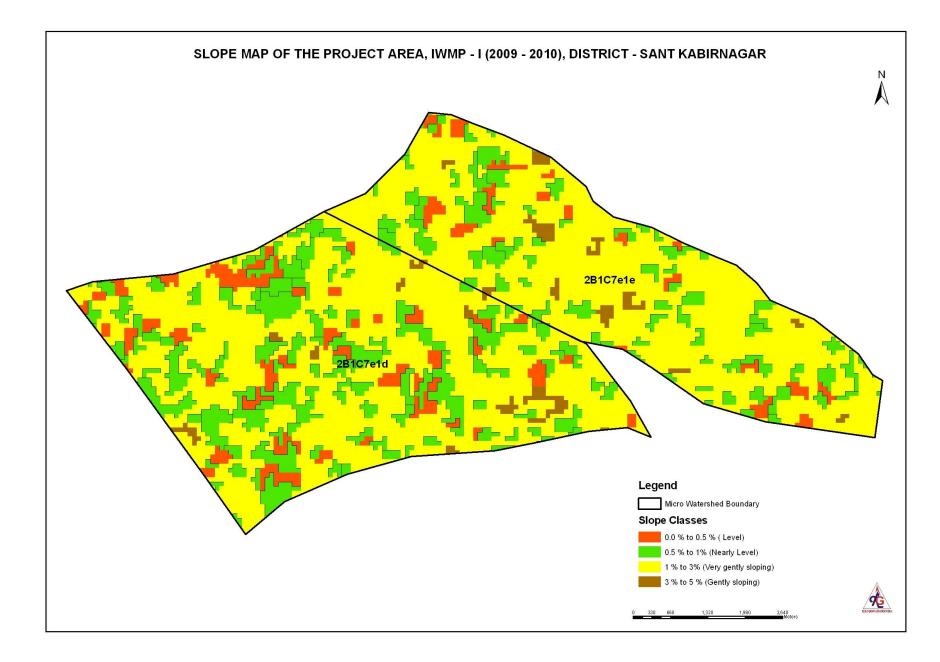
- 1- Cadastral Map
- 2- Contour map
- 3- LCC Map
- 4- Land use/ Land cover map
- 5- Slope Map
- 6- Soil Depth Map
- 7- Soil Erosion Map
- 8- Drainage Map
- 9- Annual Action Plan
- 10- Crop Demonstration Action Plan

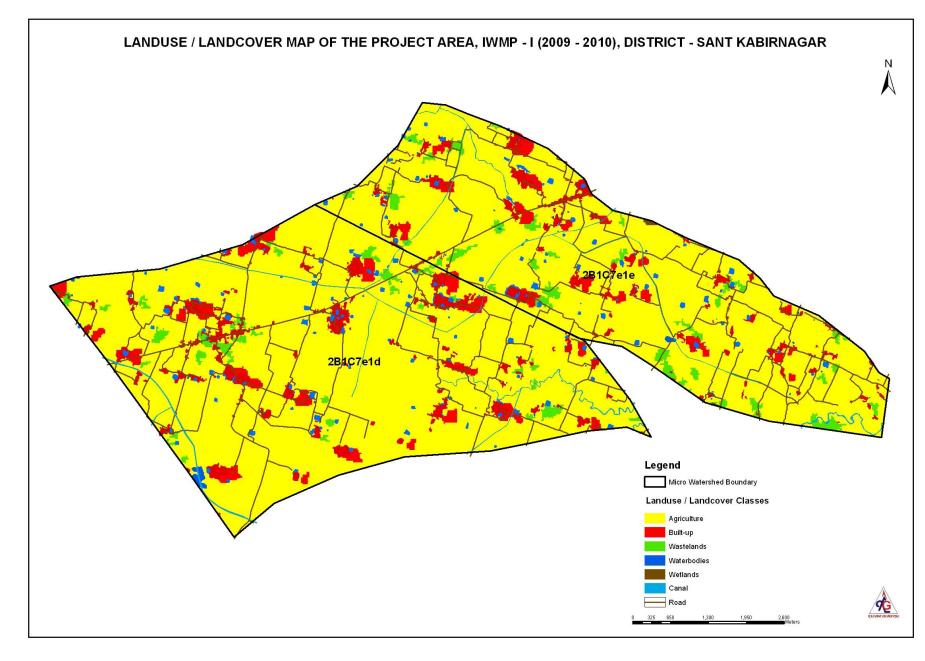
Action Plan- These maps were interpreted from the high resolution satellite dada freely available on internet.

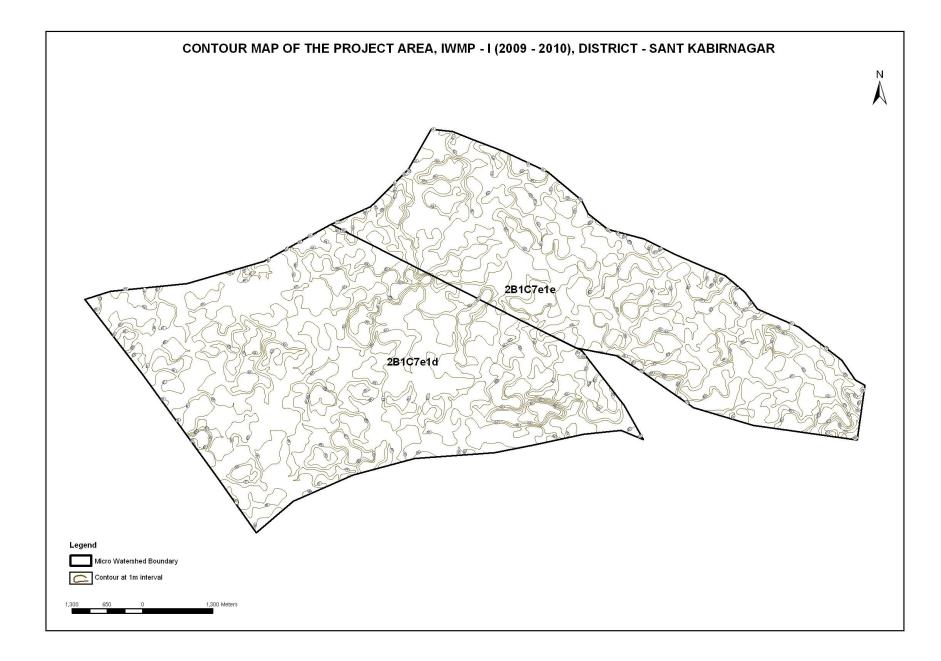


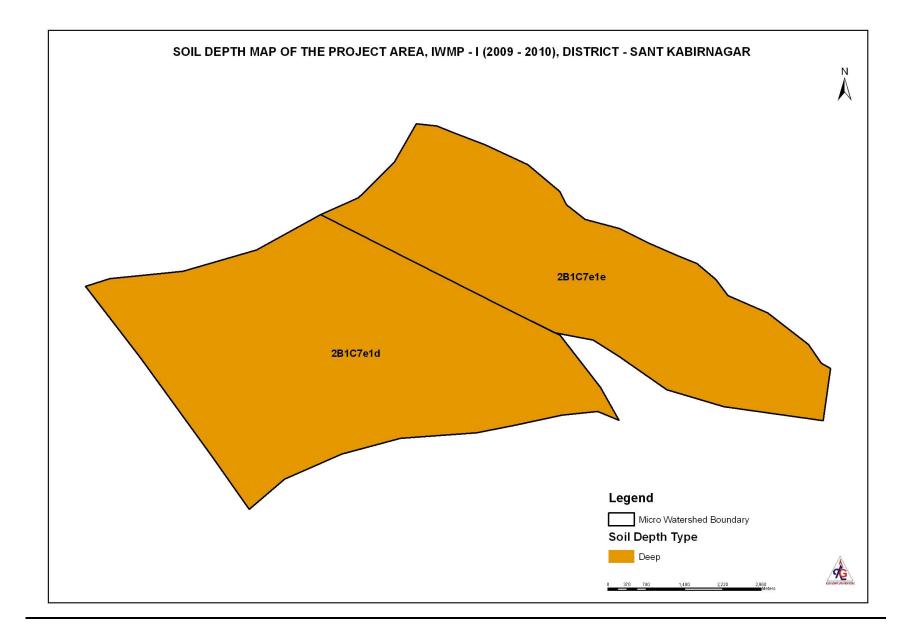


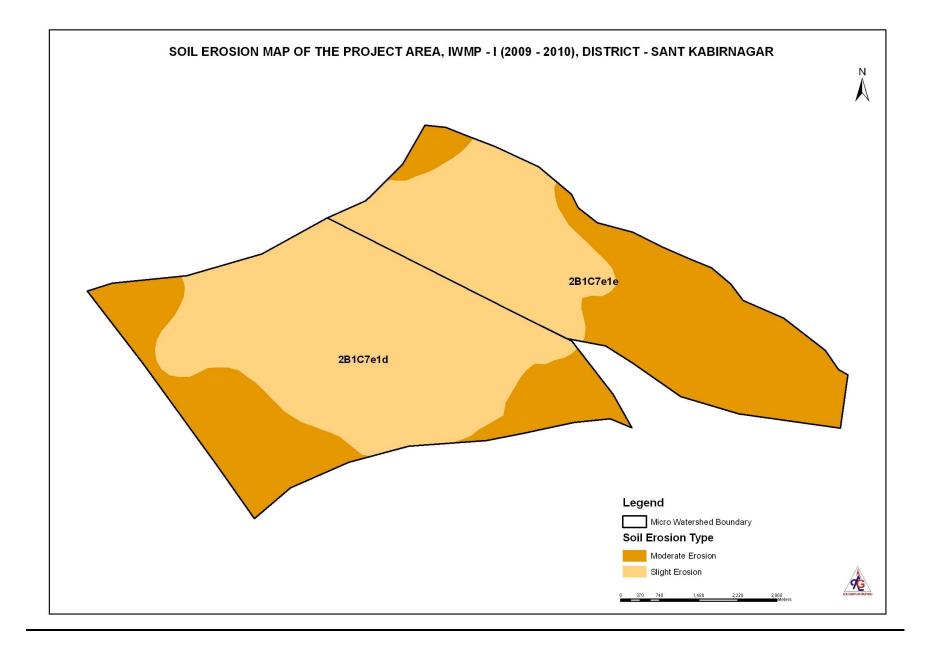


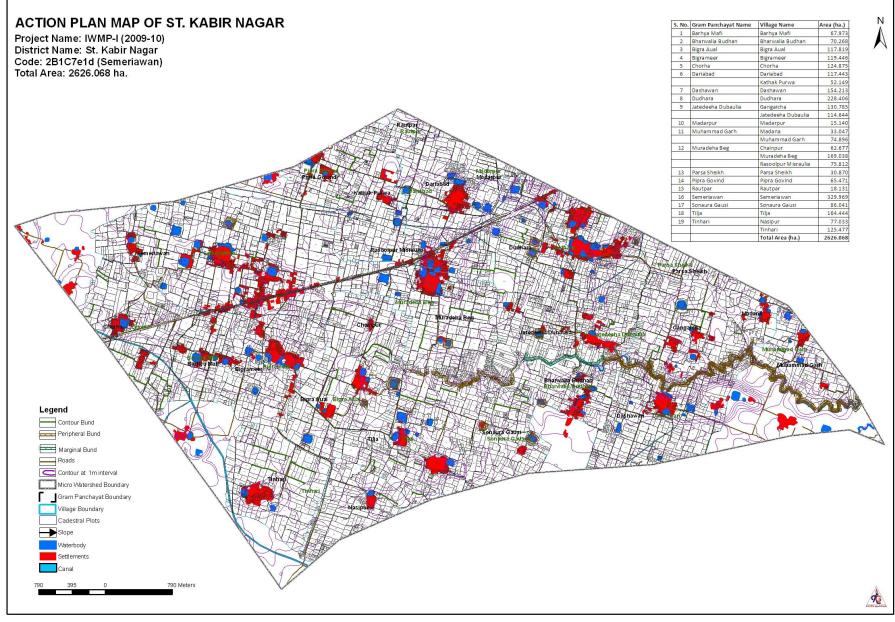


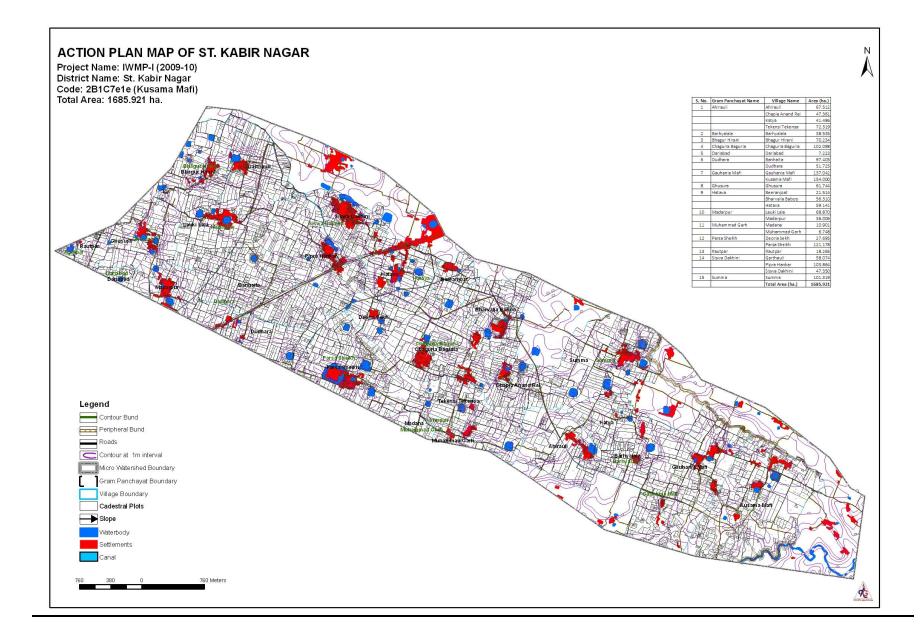


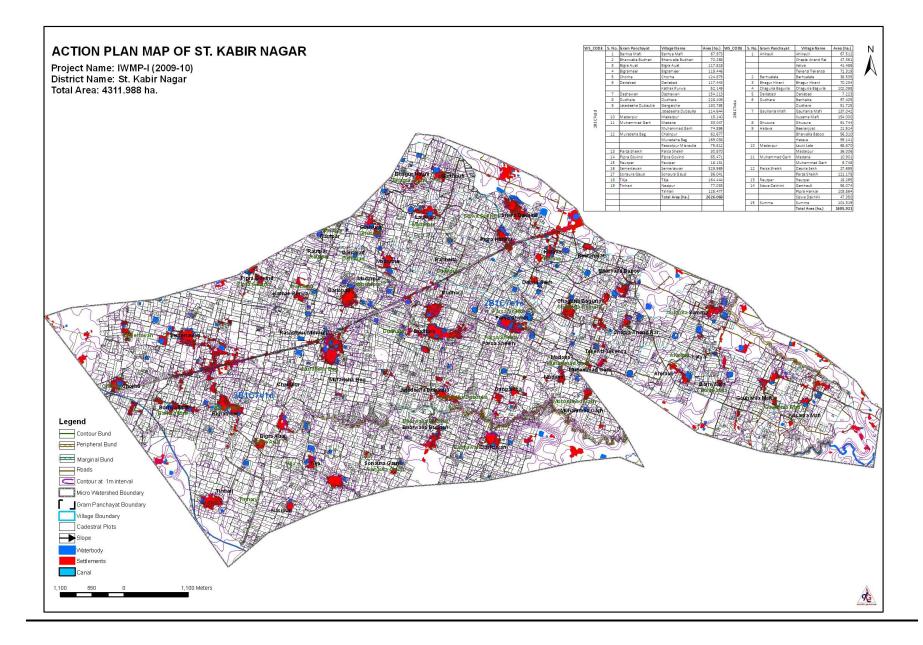


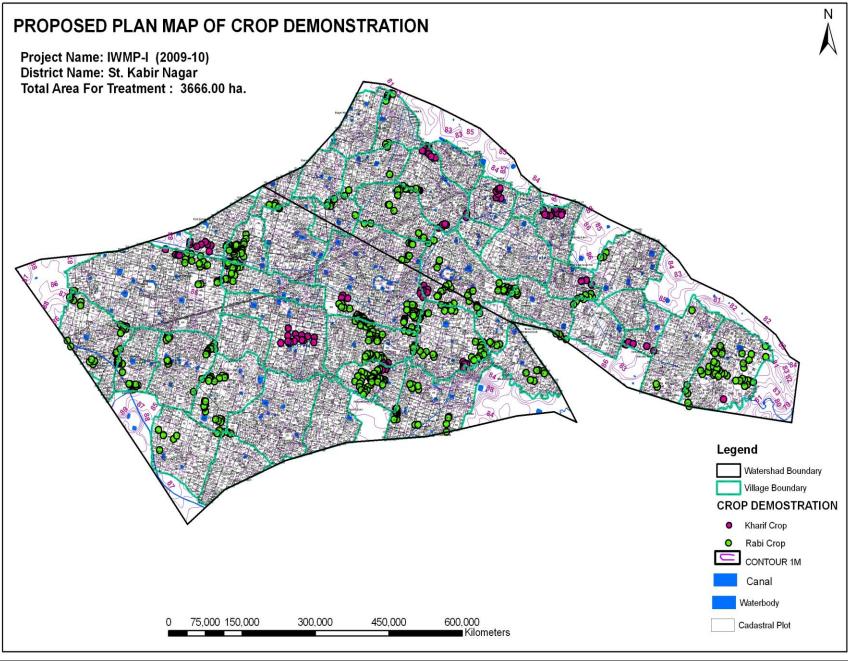












(158)

Annexure-1

Cost estimate of watershed work, IWMP-Ist Sant Kabir Nagar

MWS code - 2B1C7e1e

PERIFERAL BUND

S. No.	ACTIVITY	KHASRA NO	LENTH	C S	ΕW	RATE	AMOUNT	AREA	WDF	VILLAGE NO.
1	PB – 1	375, 390, 391, 393, 394, 395	100	(1.00+4.00)/2*1.00=2.50	250	43.16	10790	2.80	539.5	Kusama Mafi
2	PB – 2	187, 375, 377, 378, 395, 397, 398, 400	150		375	43.16	16185	4.20	809.25	Kusama Mafi
3	PB – 3	86, 87, 96, 98, 99, 103, 104, 105, 501	250		625	43.16	26975	7.01	1348.75	Kusama Mafi
4	PB – 4	37 , 38, 501, 1288, 1309, 1310, 1311	300		750	43.16	32370	8.41	1618.5	Kusama Mafi
5	PB – 5	43, 44, 45, 48, 501, 1288,	100		250	43.16	10790	3.50	539.5	Gauhania Mafi
6	PB — 6	606, 647, 649, 650, 651, 652	150		375	43.16	16185	4.20	809.25	Summa
7	PB – 7	73, 74, 75, 606	250		625	43.16	26975	7.01	1348.75	Summa
8	PB – 8	227, 248, 249, 250,	100		250	43.16	10790	3.50	539.5	Summa
9	PB – 9	226, 228, 229, 230, 246, 247,	150		375	43.16	16185	4.20	809.25	Tekensi Tekensa
10	PB – 10	75, 76, 77, 78, 305	250		625	43.16	26975	7.01	1348.75	Banhaita
11	PB – 11	70, 72, 73, 74, 75	300		750	43.16	32370	8.41	1618.5	Summa
12	PB – 12	62, 63, 64, 65	100		250	43.16	10790	3.50	539.5	Summa
13	PB – 13	61, 63, 108, 113, 115	150		375	43.16	16185	4.20	809.25	Summa
14	PB – 14	79, 81, 82, 88, 89, 97, 305	250		625	43.16	26975	7.01	1348.75	Tekensi Tekensa
15	PB – 15	230, 240, 241, 242, 243, 278, 280	300		750	43.16	32370	8.41	1618.5	Banhaita
16	PB – 16	280, 286, 287, 289, 290, 291, 293	100		250	43.16	10790	3.50	539.5	Summa
17	PB – 17	9, 131, 132, 133, 134, 135, 305	150		375	43.16	16185	4.20	809.25	Summa
18	PB – 18	135, 150, 153, 155	250		625	43.16	26975	7.01	1348.75	Summa
19	PB – 19	302, 303, 304, 308, 309, 310	100		250	43.16	10790	3.50	539.5	Tekensi Tekensa
20	PB – 20	312, 313, 315, 316,	150	и и	375	43.16	16185	4.20	809.25	Banhaita
21	PB – 21	157, 160, 161, 162, 170, 208, 211, 212	250		625	43.16	26975	7.00	1348.75	Kusama Mafi
22	PB – 22	155, 171, 173, 174, 175, 176	250		625	43.16	26975	7.00	1348.75	Kusama Mafi
23	PB – 23	141, 142, 147, 155, 184, 185,	100		250	43.16	10790	3.50	539.5	Gauhania Mafi
24	PB – 24	1150, 1151, 1152, 1154,	150		375	43.16	16185	4.20	809.25	Gauhania Mafi
25	PB – 25	837, 1058, 1059, 1060, 1061,	250	и и	625	43.16	26975	7.00	1348.75	Kusama Mafi
26	PB – 26	696, 702, 703, 709, 710, 711, 715, 716,	250	" "	625	43.16	26975	7.00	1348.75	Kusama Mafi
27	PB – 27	681, 685, 686, 687, 688	100		250	43.16	10790	3.50	539.5	Kusama Mafi
28	PB – 28	696, 697, 699, 706,	150	и и	375	43.16	16185	4.20	809.25	Kusama Mafi
29	PB – 29	403, 404, 405, 406, 415, 417,	250	" "	625	43.16	26975	7.00	1348.75	Gauhania Mafi

				TOTAL			1199000			11.99 Lacs
				BRICK WORK			296725			
				EARTH WORK			902275	218.00	45114	
38	PB – 38	253, 254, 675, 676, 689, 690, 694	250		625	43.16	26975	7.00	1348.75	Bhagur Hirani
37	PB – 37	1317, 1318, 1319, 1320, 1333	250		625	43.16	26975	7.00	1348.75	Banhaita
36	PB – 36	317, 320, 321, 326, 373, 374, 375, 379, 380	150	<i>u u</i>	375	43.16	16185	4.20	809.25	Tekensi Tekensa
35	PB – 35	1062, 1064, 1065, 1068, 1078	100	<i>u u</i>	250	43.16	10790	3.50	539.5	Summa
34	PB – 34	717, 718, 721, 726, 727, 728, 729	250		625	43.16	26975	7.00	1348.75	Summa
33	PB - 33	1157, 1158, 1162, 1166, 1270	250		625	43.16	26975	7.00	1348.75	Summa
32	PB – 32	731, 734, 735, 738, 739, 742	150		375	43.16	16185	4.20	809.25	Gauhania Mafi
31	PB – 31	186, 188, 192, 193, 194, 202, 203	100		250	43.16	10790	3.50	539.5	Kusama Mafi
30	PB – 30	249, 252, 255, 256, 261, 305	250		625	43.16	26975	7.00	1348.75	Kusama Mafi

CONTOUR BUND

S. No.	ACTIVITY	KHASRA NO	LENTH	C S	EW	RATE	AMOUNT	AREA	WDF	VILLAGE MAP
1	CB-1	213,203,201,199,200,198	350.00	(0.45+2.25)/2*0.60=0.81	283.50	39.2	11113	2.30	556	Chapia Anand Rai
2	CB-2	119,109,121,109	100.00		81.00	39.2	3175	1.20	159	Tekensi Tekensa
3	CB-3	285,287,289,290,291,286,264	350.00		283.50	39.2	11113	2.30	556	Tekensi Tekensa
4	CB-4	201,202,201,48,200	350.00		283.50	39.2	11113	2.30	556	Tekensi Tekensa
5	CB-5	120,100,108	350.00		283.50	39.2	11113	2.30	556	Kusama Mafi
6	CB-6	135,136,138	100.00		81.00	39.2	3175	3.70	159	Kusama Mafi
7	CB-7	120,145,122,121	200.00		162.00	39.2	6350	1.20	318	Kusama Mafi
8	CB-8	145,147,148,150	350.00		283.50	39.2	11113	1.20	556	Kusama Mafi
9	CB-9	160,161,162,163,164	350.00		283.50	39.2	11113	3.70	556	Bhagur Hirani
10	CB-10	174,175,176,177,178	200.00		162.00	39.2	6350	2.30	318	Kusama Mafi
11	CB-11	102,103,104,105,109	200.00		162.00	39.2	6350	5.50	318	Kusama Mafi
12	CB-12	99,,98,97,96,95	200.00		162.00	39.2	6350	2.30	318	Kusama Mafi
13	CB-13	44,45,46,47,48,50	200.00		162.00	39.2	6350	2.30	318	Bhagur Hirani
14	CB-14	834	200.00		162.00	39.2	6350	1.20	318	Gauhania Mafi
15	CB-15	881, 882, 930	200.00		162.00	39.2	6350	2.30	318	Gauhania Mafi
16	CB-16	883	125.00		101.25	39.2	3969	2.30	198	Gauhania Mafi
17	CB-17	526, 527	125.00		101.25	39.2	3969	1.20	198	Gauhania Mafi
18	CB-18	506, 505, 503	125.00		101.25	39.2	3969	3.70	198	Gauhania Mafi
19	CB-19	480, 481, 477, 475, 447, 456, 455	50.00		40.50	39.2	1588	1.20	79	Gauhania Mafi
20	CB-20	91, 90, 85	350.00		283.50	39.2	11113	1.20	556	Gauhania Mafi
21	CB-21	89, 97/2, 100	350.00		283.50	39.2	11113	3.70	556	Barhyalala
22	CB-22	102	125.00		101.25	39.2	3969	3.70	198	Katya
23	CB-23	150, 151	125.00		101.25	39.2	3969	5.50	198	Katya
24	CB-24	154, 153, 152	75.00		60.75	39.2	2381	5.50	119	Summa

25	CB-25	155, 156	350.00		283.50	39.2	11113	1.20	556	Summa
26	CB-26	717, 721, 722, 723	350.00	11 11	283.50	39.2	11113	1.20	556	Summa
27	CB-27	719, 720, 725, 717	350.00	11 11	283.50	39.2	11113	1.20	556	Summa
28	CB-28	534, 535, 536, 546, 547, 548, 549,	350.00	11 11	283.50	39.2	11113	1.20	556	Summa
29	CB-29	741, 748, 758	12.79	11 11	10.36	39.2	406	3.70	20	Summa
30	CB-30	69, 68, 67, 84, 85, 86, 90	75.00	11 11	60.75	39.2	2381	3.70	119	Summa
31	CB-31	99, 100, 110, 109, 115, 126	75.00		60.75	39.2	2381	3.70	119	Summa
32	CB-32	769, 787, 788	50.00	11 11	40.50	39.2	1588	3.70	79	Summa
33	CB-33	775, 454, 457, 458, 459	50.00	11 11	40.50	39.2	1588	3.70	79	Kusama Mafi
34	CB-34	766, 506, 505, 501, 498, 491, 487	125.00		101.25	39.2	3969	1.20	198	Gauhania Mafi
35	CB-35	472, 479, 493, 494	200.00	11 11	162.00	39.2	6350	1.20	318	Kusama Mafi
36	CB-36	391, 392, 393, 399, 401, 402, 405	200.00	11 11	162.00	39.2	6350	1.20	318	Gauhania Mafi
37	CB-37	369, 378, 380, 381	200.00		162.00	39.2	6350	3.70	318	Ahirauli
38	CB-38	910	200.00	11 11	200.00	39.2	7840	3.70	392	Chaguria Baguria
39	CB-39	550	200.00	11 11	162.00	39.2	6350	3.70	318	Siswa Dakhini
40	CB-40	546, 544, 541, 537	200.00	11 11	162.00	39.2	6350	3.70	318	Siswa Dakhini
41	CB-41	513, 512, 511, 510, 508	150.00	11 11	121.50	39.2	4763	3.70	238	Siswa Dakhini
42	CB-42	308	100.00	11 11	81.00	39.2	3175	2.20	159	Pipra Hankar
43	CB-43	496, 495, 494, 491, 490, 489, 488	125.00	<i>u</i> 11	101.25	39.2	3969	5.00	198	Pipra Hankar
44	CB-44	215, 210	125.00	11 11	101.25	39.2	3969	5.50	198	Garthauli
45	CB-45	277, 261, 262, 258, 244, 239	100.00		81.00	39.2	3175	1.20	159	Ghusura
46	CB-46	229, 228, 227, 224	50.00	11 11	40.50	39.2	1588	1.20	79	Ghusura
47	CB-47	414, 417, 420, 435, 425, 426, 427, 423	100.00		81.00	39.2	3175	3.70	159	Ghusura
48	CB-48	437, 438, 439	125.00		101.25	39.2	3969	3.70	198	Ghusura
49	CB-49	118, 119, 121	125.00	11 11	101.25	39.2	3969	3.70	198	Rautpar
50	CB-50	886	125.00	11 11	101.25	39.2	3969	3.70	198	Rautpar
51	CB-51	197	125.00		101.25	39.2	3969	5.50	198	Ghusura
52	CB-52	215, 210	150.00	11 11	121.50	39.2	4763	5.50	238	Bhagur Hirani
53	CB-53	277, 261, 262, 258, 244, 239	250.00		202.50	39.2	7938	5.50	397	Bhagur Hirani
54	CB-54	229, 228, 227, 224	375.00		303.75	39.2	11907	1.20	595	Lauki Lala
55	CB-55	414, 417, 420, 435, 425, 426, 427, 423	750.00	11 11	607.50	39.2	23814	1.20	1191	Lauki Lala
56	CB-56	166	800.00		648.00	39.2	25402	1.20	1270	Banhaita
57	CB-57	156	500.00		405.00	39.2	15876	5.50	794	Banhaita
58	CB-58	166	900.00	11 11	729.00	39.2	28577	1.20	1429	Banhaita
59	CB-59	166	375.00	11 11	303.75	39.2	11907	1.20	595	Deoria Sekh
60	CB-60	167	200.00	11 11	162.00	39.2	6350	1.20	318	Deoria Sekh
61	CB-61	7	350.00	11 11	283.50	39.2	11113	1.20	556	Hatava
62	CB-62	70, 50	275.00	11 11	222.75	39.2	8732	5.50	437	Hatava
63	CB-63	215, 210	350.00	11 11	283.50	39.2	11113	5.50	556	Parsa Sheikh

64	CB-64	277, 261, 262, 258, 244, 239	200.00		162.00	39.2	6350	3.70	318	Tekensi Tekensa
65	CB-65	229, 228, 227, 224	50.00		40.50	39.2	1588	1.20	79	Chapia Anand Rai
				EARTH WORK			475001		23750	
				BRICK WORK			116999			
				TOTAL			592000			5.92 Lacs

Gram panchayat wise break up of Watershed Development

Activities in the Micro Watershed to be included in Detail Project Report (DPR)

PERIFERAL BUND

S. No.	ACTIVITY	KHASRA NO	LENTH	C S	ΕW	RATE	AMOUNT	AREA	WDF	GRAM PANCHAYAT
1	PB - 1	375, 390, 391, 393, 394, 395	100	(1.00+4.00)/2*1.00=2.50	250	43.16	10790	2.80	539.5	Gauhania Mafi
2	PB - 2	187, 375, 377, 378, 395, 397, 398, 400	150		375	43.16	16185	4.20	809.25	Gauhania Mafi
3	PB - 3	86, 87, 96, 98, 99, 103, 104, 105, 501	250		625	43.16	26975	7.01	1348.75	Gauhania Mafi
4	PB - 4	37 , 38, 501, 1288, 1309, 1310, 1311	300		750	43.16	32370	8.41	1618.5	Gauhania Mafi
5	PB - 5	43, 44, 45, 48, 501, 1288,	100		250	43.16	10790	3.50	539.5	Gauhania Mafi
6	PB - 6	606, 647, 649, 650, 651, 652	150		375	43.16	16185	4.20	809.25	Summa
7	PB - 7	73, 74, 75, 606	250		625	43.16	26975	7.01	1348.75	Summa
8	PB - 8	227, 248, 249, 250,	100		250	43.16	10790	3.50	539.5	Summa
9	PB - 9	226, 228, 229, 230, 246, 247,	150		375	43.16	16185	4.20	809.25	Ahirauli
10	PB - 10	75, 76, 77, 78, 305	250		625	43.16	26975	7.01	1348.75	Dudhara
11	PB - 11	70, 72, 73, 74, 75	300		750	43.16	32370	8.41	1618.5	Summa
12	PB - 12	62, 63, 64, 65	100		250	43.16	10790	3.50	539.5	Summa
13	PB - 13	61, 63, 108, 113, 115	150		375	43.16	16185	4.20	809.25	Summa
14	PB - 14	79, 81, 82, 88, 89, 97, 305	250		625	43.16	26975	7.01	1348.75	Ahirauli
15	PB - 15	230, 240, 241, 242, 243, 278, 280	300		750	43.16	32370	8.41	1618.5	Dudhara
16	PB - 16	280, 286, 287, 289, 290, 291, 293	100		250	43.16	10790	3.50	539.5	Summa
17	PB - 17	9, 131, 132, 133, 134, 135, 305	150		375	43.16	16185	4.20	809.25	Summa
18	PB - 18	135, 150, 153, 155	250		625	43.16	26975	7.01	1348.75	Summa
19	PB - 19	302, 303, 304, 308, 309, 310	100		250	43.16	10790	3.50	539.5	Ahirauli
20	PB - 20	312, 313, 315, 316,	150		375	43.16	16185	4.20	809.25	Dudhara
21	PB - 21	157, 160, 161, 162, 170, 208, 211, 212	250		625	43.16	26975	7.00	1348.75	Gauhania Mafi
22	PB - 22	155, 171, 173, 174, 175, 176	250		625	43.16	26975	7.00	1348.75	Gauhania Mafi
23	PB - 23	141, 142, 147, 155, 184, 185,	100		250	43.16	10790	3.50	539.5	Gauhania Mafi
24	PB - 24	1150, 1151, 1152, 1154,	150		375	43.16	16185	4.20	809.25	Gauhania Mafi

25	PB - 25	837, 1058, 1059, 1060, 1061,	250		625	43.16	26975	7.00	1348.75	Gauhania Mafi
26	PB - 26	696, 702, 703, 709, 710, 711, 715, 716,	250		625	43.16	26975	7.00	1348.75	Gauhania Mafi
27	PB - 27	681, 685, 686, 687, 688	100		250	43.16	10790	3.50	539.5	Gauhania Mafi
28	PB - 28	696, 697, 699, 706,	150		375	43.16	16185	4.20	809.25	Gauhania Mafi
29	PB - 29	403, 404, 405, 406, 415, 417,	250		625	43.16	26975	7.00	1348.75	Gauhania Mafi
30	PB - 30	249, 252, 255, 256, 261, 305	250		625	43.16	26975	7.00	1348.75	Gauhania Mafi
31	PB - 31	186, 188, 192, 193, 194, 202, 203	100		250	43.16	10790	3.50	539.5	Gauhania Mafi
32	PB - 32	731, 734, 735, 738, 739, 742	150		375	43.16	16185	4.20	809.25	Gauhania Mafi
33	PB - 33	1157, 1158, 1162, 1166, 1270	250		625	43.16	26975	7.00	1348.75	Summa
34	PB - 34	717, 718, 721, 726, 727, 728, 729	250		625	43.16	26975	7.00	1348.75	Summa
35	PB - 35	1062, 1064, 1065, 1068, 1078	100		250	43.16	10790	3.50	539.5	Summa
36	PB - 36	317, 320, 321, 326, 373, 374, 375, 379, 380	150		375	43.16	16185	4.20	809.25	Ahirauli
37	PB - 37	1317, 1318, 1319, 1320, 1333	250		625	43.16	26975	7.00	1348.75	Dudhara
38	PB - 38	253, 254, 675, 676, 689, 690, 694	250		625	43.16	26975	7.00	1348.75	Bhagur Hirani
				EARTH WORK			902275	218.00	45114	
				BRICK WORK			296725			
				TOTAL			1199000		11.99 Lacs	_

CONTOUR BUND

S. No.	ACTIVITY	KHASRA NO	LENTH	C S	E W	RATE	AMOUNT	AREA	WDF	GRAM PANCHAYAT
1	CB-1	213,203,201,199,200,198	350.00	(0.45+2.25)/2*0.60=0.81	283.50	39.2	11113	2.30	556	Ahirauli
2	CB-2	119,109,121,109	100.00		81.00	39.2	3175	1.20	159	Ahirauli
3	CB-3	285,287,289,290,291,286,264	350.00		283.50	39.2	11113	2.30	556	Ahirauli
4	CB-4	201,202,201,48,200	350.00		283.50	39.2	11113	2.30	556	Ahirauli
5	CB-5	120,100,108	350.00		283.50	39.2	11113	2.30	556	Gauhania Mafi
6	CB-6	135,136,138	100.00		81.00	39.2	3175	3.70	159	Gauhania Mafi
7	CB-7	120,145,122,121	200.00		162.00	39.2	6350	1.20	318	Gauhania Mafi
8	CB-8	145,147,148,150	350.00		283.50	39.2	11113	1.20	556	Gauhania Mafi
9	CB-9	160,161,162,163,164	350.00		283.50	39.2	11113	3.70	556	Gauhania Mafi
10	CB-10	174,175,176,177,178	200.00		162.00	39.2	6350	2.30	318	Gauhania Mafi
11	CB-11	102,103,104,105,109	200.00		162.00	39.2	6350	5.50	318	Gauhania Mafi
12	CB-12	99,,98,97,96,95	200.00		162.00	39.2	6350	2.30	318	Gauhania Mafi
13	CB-13	44,45,46,47,48,50	200.00		162.00	39.2	6350	2.30	318	Gauhania Mafi
14	CB-14	834	200.00		162.00	39.2	6350	1.20	318	Gauhania Mafi
15	CB-15	881, 882, 930	200.00		162.00	39.2	6350	2.30	318	Gauhania Mafi
16	CB-16	883	125.00		101.25	39.2	3969	2.30	198	Gauhania Mafi
17	CB-17	526, 527	125.00		101.25	39.2	3969	1.20	198	Gauhania Mafi

18	CB-18	506, 505, 503	125.00		101.25	39.2	3969	3.70	198	Gauhania Mafi
19	CB-19	480, 481, 477, 475, 447, 456, 455	50.00		40.50	39.2	1588	1.20	79	Gauhania Mafi
20	CB-20	91, 90, 85	350.00		283.50	39.2	11113	1.20	556	Gauhania Mafi
21	CB-21	89, 97/2, 100	350.00		283.50	39.2	11113	3.70	556	Barhyalala
22	CB-22	102	125.00		101.25	39.2	3969	3.70	198	Ahirauli
23	CB-23	150, 151	125.00	11 11	101.25	39.2	3969	5.50	198	Ahirauli
24	CB-24	154, 153, 152	75.00		60.75	39.2	2381	5.50	119	Summa
25	CB-25	155, 156	350.00		283.50	39.2	11113	1.20	556	Summa
26	CB-26	717, 721, 722, 723	350.00		283.50	39.2	11113	1.20	556	Summa
27	CB-27	719, 720, 725, 717	350.00	11 11	283.50	39.2	11113	1.20	556	Summa
28	CB-28	534, 535, 536, 546, 547, 548, 549,	350.00	11 11	283.50	39.2	11113	1.20	556	Summa
29	CB-29	741, 748, 758	12.79		10.36	39.2	406	3.70	20	Summa
30	CB-30	69, 68, 67, 84, 85, 86, 90	75.00	11 11	60.75	39.2	2381	3.70	119	Summa
31	CB-31	99, 100, 110, 109, 115, 126	75.00		60.75	39.2	2381	3.70	119	Summa
32	CB-32	769, 787, 788	50.00		40.50	39.2	1588	3.70	79	Summa
33	CB-33	775, 454, 457, 458, 459	50.00	11 11	40.50	39.2	1588	3.70	79	Gauhania Mafi
34	CB-34	766, 506, 505, 501, 498, 491, 487	125.00		101.25	39.2	3969	1.20	198	Gauhania Mafi
35	CB-35	472, 479, 493, 494	200.00		162.00	39.2	6350	1.20	318	Gauhania Mafi
36	CB-36	391, 392, 393, 399, 401, 402, 405	200.00		162.00	39.2	6350	1.20	318	Gauhania Mafi
37	CB-37	369, 378, 380, 381	200.00		162.00	39.2	6350	3.70	318	Ahirauli
38	CB-38	910	200.00		200.00	39.2	7840	3.70	392	Chaguria Baguria
39	CB-39	550	200.00		162.00	39.2	6350	3.70	318	Siswa Dakhini
40	CB-40	546, 544, 541, 537	200.00		162.00	39.2	6350	3.70	318	Siswa Dakhini
41	CB-41	513, 512, 511, 510, 508	150.00		121.50	39.2	4763	3.70	238	Siswa Dakhini
42	CB-42	308	100.00		81.00	39.2	3175	2.20	159	Siswa Dakhini
43	CB-43	496, 495, 494, 491, 490, 489, 488	125.00		101.25	39.2	3969	5.00	198	Siswa Dakhini
44	CB-44	215, 210	125.00		101.25	39.2	3969	5.50	198	Siswa Dakhini
45	CB-45	277, 261, 262, 258, 244, 239	100.00		81.00	39.2	3175	1.20	159	Ghusura
46	CB-46	229, 228, 227, 224	50.00		40.50	39.2	1588	1.20	79	Ghusura
47	CB-47	414, 417, 420, 435, 425, 426, 427, 423	100.00		81.00	39.2	3175	3.70	159	Ghusura
48	CB-48	437, 438, 439	125.00		101.25	39.2	3969	3.70	198	Ghusura
49	CB-49	118, 119, 121	125.00		101.25	39.2	3969	3.70	198	Rautpar
50	CB-50	886	125.00		101.25	39.2	3969	3.70	198	Rautpar
51	CB-51	197	125.00	11 11	101.25	39.2	3969	5.50	198	Ghusura
52	CB-52	215, 210	150.00	н н	121.50	39.2	4763	5.50	238	Bhagur Hirani
53	CB-53	277, 261, 262, 258, 244, 239	250.00	н н	202.50	39.2	7938	5.50	397	Bhagur Hirani
54	CB-54	229, 228, 227, 224	375.00	11 11	303.75	39.2	11907	1.20	595	Madarpur
55	CB-55	414, 417, 420, 435, 425, 426, 427, 423	750.00	н н	607.50	39.2	23814	1.20	1191	Madarpur
56	CB-56	166	800.00		648.00	39.2	25402	1.20	1270	Dudhara

57	CB-57	156	500.00		405.00	39.2	15876	5.50	794	Dudhara
58	CB-58	166	900.00		729.00	39.2	28577	1.20	1429	Dudhara
59	CB-59	166	375.00		303.75	39.2	11907	1.20	595	Parsa Sheikh
60	CB-60	167	200.00		162.00	39.2	6350	1.20	318	Parsa Sheikh
61	CB-61	7	350.00		283.50	39.2	11113	1.20	556	Hatava
62	CB-62	70, 50	275.00		222.75	39.2	8732	5.50	437	Hatava
63	CB-63	215, 210	350.00		283.50	39.2	11113	5.50	556	Parsa Sheikh
64	CB-64	277, 261, 262, 258, 244, 239	200.00		162.00	39.2	6350	3.70	318	Ahirauli
65	CB-65	229, 228, 227, 224	50.00		40.50	39.2	1588	1.20	79	Ahirauli
				EARTH WORK			475001		23750	
				BRICK WORK			116999			
				TOTAL			592000		5.92 Lacs	

CHAPTER -12 ABBRIVIATIONS/ REFERENCES

LIST OF ABBRIVIATIONS/REFERENCES

Department of Land Resources
Integrated Watershed Management Programme
State Level Nodal Agency
Common Guidelines
Project Implementing Agency
Bhoomi Sangrakshan Adhikari
Watershed Development Team
Watershed Committee
User Group
Self Help Group
Contour Bund
Marginal Bund
Peripheral Bund

REFERENCES

- Common Guideline of watershed development-2008.
- Jila Sankhikiya Patrika
- Census 2001
- www.Sant Kabirnagar.nic.in

Preparation of DPR

Detail Project Report of Integrated Watershed Management Programme IWMP-I had been prepared through base line/ bench Mark survey for physiography climate, soil, land use, vegetation, and hydrology and socio economic data analysis. PRA have been exercised to collect primary data, secondary data have been collected from Revenue, Statistics department, Statistical Magazine of the district Snat Kabir Nagar, Topo sheet (1 : 50000) survey of India- Deheradoon and technical & specific input for preparation and drafting of detail project report.

S. NO.	Name	Designation
1	2	3
1	Sri N. L. Prasad	Bhoomi Sanrakshan Adhikari
2	Sri O. P. Singh	Junior Engineer
3	Sri Y. K. Jaiswal	Accountant
4	Sri Sanjiv Kumar	A.S.C.I
5	Sri H.P. Pathak	Traiser
6	Sri P.C. Chaudary	Seechpal
7	Sri A. K. Srivastava	Ex. Scientist, RSAC-UP, Lucknow
8	Dr. A. K. Kulshestra	Consultant
9	Sri Shardendu Upadhyay	Consultant Social Work
10	Sri Dipendra Kumar Sharma	Statistical Analyst
11	Ku. Sulochna Pareekh	GIS Analyst
12	Ku. Sunita	GIS Analyst
13	Sri Uday Bhan Singh	Planning Expert

DPR PLAN ABSTRACT

The collection of all the relevant data of watershed area and the possible option and solution are described with the help of feedback of focused discussion and detailed perspective plan for the watershed area with year wise and activity wise summarized for the DPR plan abstract for 5 years (2009-10 to 2013-14).

The summary of the above document is verified by the following persons:

Prepared By:

Technically Approved By:

Bhoomi Sanrakshan Adhikari Dept. of Land Development & Water Resources District – Sant Kabir Nagar

Deputy Director Dept. of Land Development & Water Resources Region – Sant Kabir Nagar

Physically & Financially Approved:

Project Director District Rural Development Authority District – Sant Kabir Nagar

Chief Development Officer District - Sant Kabir Nagar