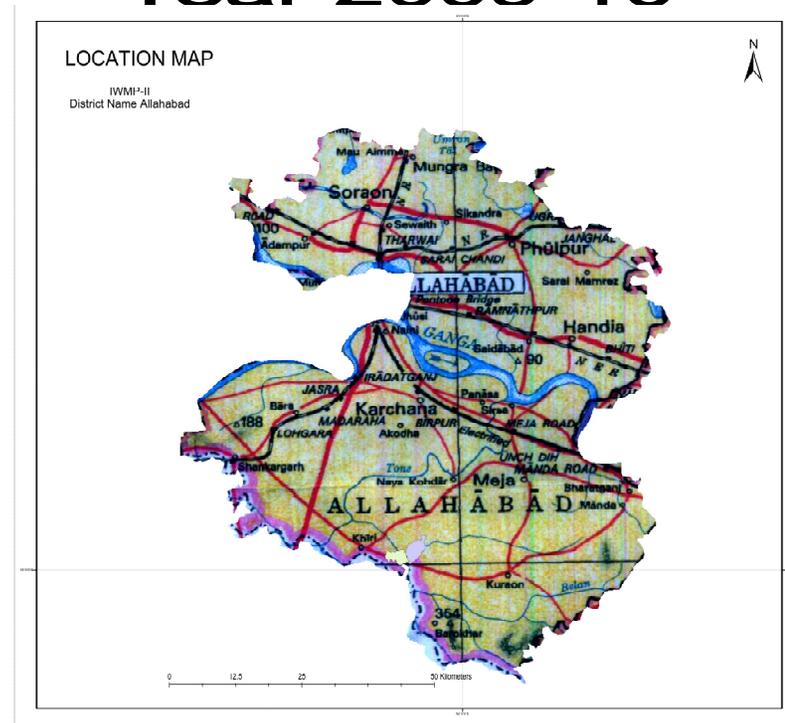


Detailed Project Report

Integrated Watershed Management Programme-I (IWMP-II) Year 2009-10



Department of Land Development and Water Resources, Uttar Pradesh

Project Implementing Agency

Bhoomi Sanrakshan Adhikari

L.D.W.R., Kaushambi, Allahabad-II

CHAPTER - 1

INTRODUCTION AND BACKGROUND

1.1. Status of watershed programme and approved plan by Steering committee, Govt. of India and status of previous Detailed Project Reports for Allahbad district of Uttar Pradesh is given in following Tables 1.1 and 1.2.

Table 1.1: Status of watershed programme

District- Allahbad

Details	No.	Area (Lac h)
1	2	3
Total Micro watershed in the district	600	548200.00
Workable Micro Watersheds	408	372379.00
Micro Watersheds already treated by DLWR & other agencies	364	335333.00
Balance Micro Watersheds (MWS) for treatment (Before start of IWMP in Distt.)	44	37046.00

Table 1.2: Approved plan (PPRs) by Steering Committee (SC)/Govt. of India,

District- Allahbad

Year	Project /phse iwmp	MWS	Area (h)	Project cost rs. Lakh	Name of pia	S.c. meeting date
2009-10	IWMP-I	9	3573.00	428.76	BSA, LDWR, Allahbad	10.03.2010
2009-10	IWMP-II	6	3519.00	422.28	BSA, LDWR, Kaushmbi	10.03.2010
	Total	15	7092.00	851.04		

1.2 Project Background

Integrated Watershed Management Programme-II comprises six micro-watershed namely Chand Khamarihia (2A7D2d3c), Kuhuni Kala (2A7D2d2c), Pawari (2A7D2d2d), Baijala (2A7D2d2b), Kaithwal (2A7D2e3d) and Nibi (2A7D2f1a). Watershed project is situated in Koraon and Meja block of Allahbad district and spread over in 25 villages of 16 gram Panchyat. The total geographical area of the IWMP-II is 4889.64 h, out of which 3519.00 h is treatable under Integrated Watershed Management Programme IWMP-II).

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

S.N	Watershed project	Micro Watersheds (MWS) detail	Micro watersheds code	Name of Watershed in which MWS is falling (River / Nala name)
1	IWMP-II	Chnad Khmariya	2A7D2d3c	Tons River
2	IWMP-II	Kihuni Kala	2A7D2d2c	Tons River
3	IWMP-II	Pawari	2A7D2d2d	Tons River
4	IWMP-II	Baijala	2A7D2d2b	Tons River
5	IWMP-II	Kaithwal	2A7D2e3d	Tons River
6	IWMP-II	Nibi	2A7D2f1a	Tons River

1.2 Need and Scope for Watershed Development

This region was in a grip of severe drought continuously from 2004-05 to 2007. In the region, more than 80 per cent of open wells were dried up due to deficit rainfall during drought. Cattle were abandoned due to shortage of water and fodder. Most part of the region was dependent on drinking water supply through tanker. Therefore, management of natural resources on watershed basis is urgent need of the region. Watershed project was selected with following objectives:

Long Term Objectives:

- To optimize productivity of the land
- To restore ecological balance in degraded and fragile eco-system
- To narrow down the disparity between rainfed and irrigated areas
- To create sustained employment opportunities

1.3 Weightage for selection of Watershed

Watershed project was selected on the basis of criteria mentioned in Table 1.5 and composite ranking was developed on the basis of these parameters. The seventeen criteria were taken with total of 205 weightage points. The criterion taken are availability of drinking water, irrigation, degree of soil erosion, water holding capacity, area under rainfed agriculture, status of field bund/contour bund / graded bund, presence of hrd rock below the land, options for livelihood, percentage of small and marginal farmers, degraded land, ground water status, status of technical knowledge for improved farming systems,

weather conditions, poverty index (% of poor population), virginity of land, productivity potential of land and soil organic carbon status. The weightage for project is about 95 per cent (Table 1.5).

Table 1.4: Criteria and weightage for selection of watershed

S. No.	Criteria	Maximum Score	Range & Score			
			Very poor	Poor	Good	Very Good
1	Drinking water	15	Dependence on water supply through tanker (15)	Partial availability within the periphery of 3-4 km (10)	Round the year availability within the periphery of 3-4 km (5)	Round the year availability in watershed (0)
2	Irrigation	10	No irrigation (10)	Life saving irrigation (7.5)	Partial life saving irrigation (5)	Fully covered (0)
3	Degree of soil erosion	10	Severe (10)	Medium (7.5)	Low (5)	No erosion (0)
4	Water holding capacity	10	Very poor (10)	Poor (7.5)	Good (5)	Very Good (0)
5	Area under rainfed agriculture	15	More thn 90% (15)	80 to 90 % (10)	70 to 80 % (5)	Below 70% (Reject) (0)
6	Status of field bund/contour bund / graded bund	10	Below 20 % (10)	50 to 20 % (7.5)	80 to 50 (5)	Above 80% (2.5)
7	Presence of hrd rock below the land	15	Hrd rock starts from 5 to 20 feet (15)	Hrd rock starts from 21 to 50 feet (10)	Hrd rock starts from 51 to 100 feet (5)	Deep soil depth (0)
8	Options for livelihood	10	Very poor (10)	Poor (7.5)	Good (5)	Very Good (0)
9	% of small and marginal farmers	10	More thn 80% (10)	50 to 80 % (5)	Less thn 50% (3)	
10	Degraded land	15	High above 50% (15)	Medium 25 to 50% (10)	Low less thn 10 – 25 % (5)	Very low Less thn 10% (0)
11	Ground water status	10	Very poor (10)	Poor (7.5)	Good (5)	Very Good (0)
12	Status of Technical	10	Very poor	Poor	Good	Very Good

	Knowledge for improved farming systems		(10)	(7.5)	(5)	(0)
13	Weather condition	15	Uncertain weather condition / Continuous drought for three years (15)	Drought comes one in five years (10)	Drought comes one in ten years (5)	Normal weather condition (0)
14	Poverty index (% of poor population)	10	Above 80% (10)	80 to 50 (7.5)	50 to 20 % (5)	Below 20 % (2.5)
15	Virginity (No treatment /intervention in last five years)	10	Above 80% (10)	80 to 50 (7.5)	50 to 20 % (5)	Below 20 % (2.5)
16	Productivity potential of land	15	Lands with low production & where productivity can be significantly enhanced with reasonable efforts (15)	Lands with moderate production & where productivity can be enhanced with reasonable efforts (10)	Lands with high production & where productivity can be marginally enhanced with reasonable efforts (5)	-
17	Organic carbon status	15	Very low (15)	Low (10)	Medium (5)	Normal (0)

Table 1.5: Weightage of the project

S. No.	Criteria	Weightage points
1	Drinking water	15
2	Irrigation	10
3	Degree of soil erosion	10
4	Water holding capacity	10
5	Area under rainfed agriculture	15
6	Status of field bund/contour bund / graded bund	10
7	Presence of hrd rock below the land	10
8	Options for livelihood	10
9	% of small and marginal farmers	10
10	Degraded land	15
11	Ground water status	10
12	Status of Technical Knowledge for improved farming systems	10
13	Weather condition	15
14	Poverty index (% of poor population)	10
15	Virginity	10
16	Productivity potential of land	10
17	Organic carbon status	15
	Total Weightage (Out of total 205)	195
	Weightage Percentage	95.12

1.4 Details of ongoing watershed programme

Presently, no watershed development programme is on-going in the micro-watershed.

CHAPTER - 2

GENERAL DESCRIPTION OF PROJECT AREA

2.1 Location:

The micro-watersheds of IWMP-II is located in Koraon and Meza block of Allahabad district. Location (lat/long), Gram Panchayat, villages and its geographical area for each micro-watershed are depicted in Table 2.1. Total area of the project is 4889.88 ha, out of which 3519.00 ha is treatable. The geographical area of micro-watershed varied in the range of 471.56 to 1345.64 ha.

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Table 2.1: Micro-watershed wise details of location, Gram Panchayat, villages and geographical area of IWMP-II

S. N.	Name of micro watershed with code	Latitude /Longitude	Name of GP	Name of Village	Name of Block	Area of Village included in MWS
1	Chand Khamariya (2A7D2d3c)	25 ⁰ 05' 54.18" – 25 ⁰ 02' 28.21" North Latitude and 81 ⁰ 52' 30.85" - 81 ⁰ 57' 13.36" East Longitude	Chand Khamariya Patehara Sirhir Siki Kala	Chand Khamariya	Meja	837.06
				Patehra , Mojara		257.40
				Sirhir		13.85
				Siki Khurd		74.96
				Total		1183.26
2	Kuhuni Kalan (2A2D2d2c)	25 ⁰ 03' 36.38" – 25 ⁰ 00' 36.21" North Latitude and 81 ⁰ 54' 09.52" - 81 ⁰ 56' 22.91" East Longitude	Kihuni Khurd Kaithwal Mahuli Kala Chand Khamariya	Kihuni Kala	Koraon	258.99
				Kihuni Khurd		382.88
				Kaithwal	Meja	5.62
				Mahuli Kala		9.67
				Chand Khamariya		26.98
Total	684.15					
3	Pawanri (2A7D2d2d)	25 ⁰ 05' 9.52" – 25 ⁰ 01' 21.22" North Latitude and 81 ⁰ 55' 37.09" - 81 ⁰ 58' 21.79" East Longitude	Pawari Kihuni Khurd Jamua Chand Khamriya Sirhir	Pawari	Koraon	369.36
				Khoncha (Kihuni Khurd)		27.32
				Kihuni Kalan		98.83
				Jamsot	Meja	33.49
				Chand Khamriya		34.11
Sirhir		33.82				

			Silaudhi Kala	Silaudhi Kala		18.48
				Total		615.41
4	Baijala (2A7D2d2b)	25 ⁰ 02' 8.66" – 25 ⁰ 00' 31.32" North Latitude and 81 ⁰ 52' 6.18" - 81 ⁰ 54' 36.78" East Longitude	Bahraicha Baghol Kihuni Khurd	Bahraicha	Koraon	204.20
				Baghol		20.86
				Kihuni Kalan (Beajala)		140.60
				Kihuni Khurd		10.11
			Kaithwal	Kaithwal	Meja	24.88
			Mahuli Kala	Mahuli Kala		191.16
				Total		589.86
5	Kaithwal (2A7D2e3d)	25 ⁰ 01' 14.27" – 24 ⁰ 58' 34.91" North Latitude and 81 ⁰ 52' 35.47" - 81 ⁰ 58' 34.91" East Longitude	Bahraicha Kolsara Kaithwal	Kundari Bharat	Koraon	117.21
				Kolsara		112.18
				Kaithwal		125.05
			Bahraicha	Behraicha		86.09
			Kolsara	Thathaha		31.02
				Total		471.56
6	Nibi (2A7D2f1a)	25 ⁰ 02'.8.16" – 24 ⁰ 58' 26.19" North Latitude and 81 ⁰ 53' 53.88" - 81 ⁰ 57' 06.08" East Longitude	Nibi Lediari Dhobhat	Nibi	Koraon	268.32
				Lediari		472.60
				Dhobhat		227.99
				Cholari		205.45
			Kaithwal	Kaithwal		171.28
				Total		1345.64
	Grand Total					4889.88

2.2. Area and Landuse: Village wise detailed information on type of land is depicted in Table 2.2. The total culturable land of the project is 4173.80 h, out of which 763.27 (18.29%) h land is under assured irrigation mainly by means of canal and wells. The cultivable rainfed, temporary and permanent wastelands are about 3410.53, 210.71 and 31.43 h, respectively, under the total land of the project.

Table 2.2: Details of land resources in IWMP-II of Allahbad district

S. N.	Name of MWS with Code	Name of Village	Cultivated rainfed area	Cultivated irrigated area	Uncultivated wasteland/fallow		Pvt. Agri. Land					Forest Land	Community land	Other	Total area (H)
					Temp.	Permanent	Gen	SC	ST	OBC	Total			(Habitat, Road, Etc.)	(Geographical)
1	Chand Khamarihia (2A7D2d3c)	Chand Khamarihia	655.12	65.67	37.67	5.86	337.829	105.476	0	321.014	764.32	0	7.45	65.29	837.06
		Patehra Mujra	98.468	124.13	11.58	1.80	106.193	35.398	0	94.394	235.98	0	1.34	20.08	257.4
		Sirhir		12.07	0.62	0.00	5.714	1.905	0	5.079	12.70	0	0.07	1.08	13.85
		Siki Khurd	41.504	27.22	0.00	0.00	30.376	9.484	0	28.864	68.72	0	0.39	5.85	74.96
		Total	795.09	229.10	49.87	7.66	480.112	152.262	0	449.351	1081.725	0.00	9.25	92.30	1183.26
2	Kuhuni Kala (2A7D2d2c)	Kihuni Kala	173.238	50.74	11.65	1.81	102.100	35.616	0	99.726	237.44	0	1.35	20.20	258.99
		Kihuni Khurd	263.542	67.57	17.23	2.68	157.961	52.654	0	140.410	351.02	0	1.99	29.86	382.88
		Mahuli Kala	5.62	0.00	0.00	0.00	2.484	0.776	0	2.360	5.62	0	0.00	0.00	5.62
		Kaithwal	9.67	0.00	0.00	0.00	4.274	1.334	0	4.061	9.67	0	0.00	0.00	9.67
		Chand Khamarihia		23.47	1.21	0.19	10.995	3.433	0	10.448	24.88	0	0.00	2.10	26.98
		Total	452.07	141.78	30.10	4.68	277.814	93.813	0	257.005	628.632	0.00	3.34	52.17	684.15
3	Pawari (2A7D2d2d),	Pawari	206.74	112.68	16.62	2.59	145.611	50.794	0	142.224	338.63	0	1.92	28.81	369.36
		Khonch (Kihuni Khurd)	14.59	10.60	0.00	0.00	11.134	3.476	0	10.579	25.19	0	0.00	2.13	27.32
		Kihuni Kala	85.94	0.73	4.45	0.00	39.182	13.668	0	38.271	91.12	0	0.00	7.71	98.83
		Chand Khamarihia	20.7	11.64	1.53	0.24	15.077	4.707	0	14.326	34.11	0	0.00	0.00	34.11

		Sirhir	30.4	1.66	1.52	0.24	15.219	5.073	0	13.528	33.82	0	0.00	0.00	33.82
		Silaodhi Kala	15.64	1.88	0.83	0.13	8.168	2.550	0	7.762	18.48	0	0.00	0.00	18.48
		Jamsot	16.45	12.17	4.64	0.23	14.803	4.622	0	14.066	33.49	0	0.00	0.00	33.49
		Total	390.46	151.36	29.60	3.42	249.193	84.891	0	240.756	574.840	0.00	1.92	38.65	615.41
4	Baijala (2A7D2d2b)	Bahraich	132.59	44.00	9.19	1.43	80.501	28.082	0	78.628	187.21	0	1.06	15.93	204.2
		Baghol	20.68	0	0.00	0.00	9.141	2.854	0	8.686	20.68	0	0.00	0.00	20.86
		Mahuli Kala	105.4	59.92	8.60	1.34	78.865	26.288	0	70.102	175.26	0	0.99	14.91	191.16
		Kihuni Kala (Beaijla)	126.76	2.87	0.00	0.00	57.298	17.889	0	54.446	129.63	0	0.00	10.97	140.6
		Kaithwal	20.4	1.12	1.12	0.17	10.082	3.148	0	9.580	22.81	0	0.13	1.94	24.88
		Kihuni Khurd	8.795	0.86	0.45	0.00	4.469	1.395	0	4.246	10.11	0	0.00	0.00	10.11
		Total	414.63	108.77	19.37	2.94	240.355	79.656	0	225.689	545.699	0.00	2.19	43.75	589.86
5	Kaithwal (2A7D2e3d)	Kundari Bhrat	96.09	5.27	5.27	0.82	46.207	16.119	0	45.132	107.46	0	0.61	9.14	117.21
		Kulsara	91.97	5.05	5.05	0.79	45.458	14.193	0	43.196	102.85	0	0.58	8.75	112.18
		Kathwal	102.52	5.63	5.63	0.88	51.591	17.197	0	45.858	114.65	0	0.65	9.75	125.05
		Bahraich	70.58	3.87	3.87	0.60	33.939	11.839	0	33.149	78.93	0	0.45	6.72	86.09
		Thrh	25.59	1.40	1.40	0.22	12.641	3.947	0	12.012	28.60	0	0.00	2.42	31.02
		Total	386.74	21.22	21.22	3.30	189.836	63.294	0	179.348	432.478	0.00	2.29	36.78	471.56
6	Nibi (2A7D2f1a)	Nibi	211.38	20.12	12.07	1.88	110.457	36.819	0	98.184	245.46	0	1.93	20.93	268.32
		Dadipari	314.66	35.45	21.27	3.31	168.605	56.202	0	149.871	374.68	0	4.35	93.57	472.6
		Dhovhut	153.85	19.38	10.26	1.60	81.806	25.541	0	77.735	185.08	0	1.87	41.04	227.99
		Cholari	158.92	19.83	9.25	1.44	85.241	28.414	0	75.770	189.42	0	0.00	16.03	205.45
		Kaithwal	132.74	16.27	7.71	1.20	69.801	21.793	0	66.326	157.92	0	0.00	13.36	171.28
		Total	971.54	111.05	60.55	9.42	515.910	168.769	0	467.886	1152.564	0.00	8.15	184.93	1345.64
	GT IWMP-II		3410.53	763.27	210.71	31.43	1953.22	642.68	0	1820.03	4415.94	0.00	27.13	448.57	4889.88

(Source: LDWR Kaushmbi, Allahbad-II, U.P.)

2.3 Physiography

The micro-watersheds of IWMP-II is situated at an elevation of minimum, maximum and relief ranges from 71-92, 108-130 and 25-38 m, respectively above mean sea level. The watershed has a general slope of less than 1-3 per cent. General topography of the watershed is mild to gentle. Elevation range and relief are given in Table 2.3.

Table 2.3: Micro-watershed wise elevation range and relief

S.N.	Name of microwatershed	Minimum	Maximum	Relief
1	Chand Khamarihia (2A7D2d3c)	90	115	25
2	Kuhuni Kala (2A7D2d2c)	87	130	43
3	Pawari (2A7D2d2d)	87	119	32
4	Baijala (2A7D2d2b)	71	108	37
5	Kaithwal (2A7D2e3d)	90	116	26
6	Nibi (2A7D2f1a)	92	130	38
	Range	71-92	108-130	25-38

2.4. Slope: Spatial distribution of different slope classes was prepared using Arc GIS. Slope was divided into five classes viz. 0-0.5, 0.5-1.0, 1-3, 3-5, and more than 5 per cent. Per cent areal extent of different slope classes in IWMP-II micro-watershed is shown in Table 2.4. The dominant slope categories in the micro-watershed were 1-3 per cent (50.62 %) followed by 3-5 per cent (25.50%).

Table 2.4: Areal extent of various slope classes in the micro-watershed of IWMP-II

S.N.	Name of MWS & code	Slope range wise area (h.)						Total Project Area
		0-0.5%	0.5-1.0%	1-3%	3-5%	>5%		
						Undulating	Terraced	
1	Chand Khamarihia (2A7D2d3c)	65.08	130.16	609.38	301.73	76.91		1183.26
2	Kuhuni Kala (2A7D2d2c)	39.68	75.26	350.28	174.46	44.47		684.15
3	Pawari (2A7D2d2d)	34.46	67.70	316.32	156.93	40.00		615.41
4	Baijala (2A7D2d2b)	34.21	64.88	302.01	150.41	38.34		589.86
5	Kaithwal (2A7D2e3d)	37.72	51.87	231.06	120.25	30.65		471.56
6	Nibi (2A7D2f1a)	100.92	148.02	666.09	343.14	87.47		1345.64
	Total	312.08	537.89	2475.15	1246.92	317.84	0.00	4889.88

2.4 Climate

The annual rainfall of the District Allahbad varies from 0.50 to 201.70 mm, about 90% of which is received during South-West monsoon period. The major part of the rainfall is received during the month of July and August. The length of growing season in the district ranges between 90 to 150 days depending upon rainfall and temperature regimes. The winter rains are erratic, occasional, meager and uncertain. The total rainy days/year vary from 32-48 in the region with an average of 35. The distribution of rainfall is very erratic. Low rainfall and drought are common features. Long dry spells during rainy season are also experienced often, which adversely affect the crops. It has been observed that in a cycle of 5 years, 2 are normal, 2 drought years and 1 is excessive rainfall year (Tiwari *et al.* 1998).

The climate of Allahbad is characterized by a hot dry summer and cold winter and is marked for high variability of rainfall year to year. There are primarily four seasons: –Summer season – from March to May i.e. before advent of monsoon, moist summer season – from June to September (Monsoon) transition period - in October and November, which is the post monsoon period, and winter season – from December to February. The coldest months in the year are December and January. Average monthly rainfall and temperature

Table 2.5: Average monthly rainfall and temperature at IWMP-II, Allahbad

Month	Year/Rainfall in mm.						Average Temperature C ⁰	
	2006	2007	2008	2009	2010	Average	Max.	Min.
January	0.00	0.00	0.00	0.00	3.60	0.86	12.5	3.5
February	0.00	75.80	10.00	0.50	19.20	21.10	16.40	10.40
March	24.00	25.10	0.00	14.40	0.00	12.70	28.90	17.20
April	23.50	1.20	3.10	3.20	0.50	6.30	38.40	26.80
May	6.20	21.90	38.50	26.80	7.50	20.18	42.10	29.50
June	62.50	77.00	322.40	3.10	8.50	94.70	47.20	32.10
July	456.10	295.40	446.90	172.70	201.70	314.56	40.20	33.60
August	237.60	295.40	326.10	64.80	160.60	216.90	38.80	31.70
September	47.40	209.20	67.50	177.80	126.40	125.66	36.70	24.10
October	39.50	2.80	20.30	33.60	45.50	28.34	34.70	21.90
November	0.00	0.00	1.70	15.90	5.30	4.58	31.40	17.40
December	0.00	5.40	0.00	6.00	0.00	2.28	18.40	9.30
Total	896.80	1009.30	1237.10	518.80	578.80	848.16		

SOURCE:- Hydromet Division, Meteorological Department

The open pan evaporation varied in the range of 0.68 to 28 mm/day during the year with average of about 6.80 mm/day. Average relative humidity varied in the range of 26 to 98 per cent, however the range of wind speed is 0.98 to 28 kmph. The details of flood and drought in the project area are showed in Table 2.6.

Table 2.6: Details of flood and drought in the project area IWMP-II(Allahbad)Project IWMP- II

Name of Micro Watershed	Particulars	Villages	Periodicity		Not affected
			Annual	Any other (please specify)	
Chand Khamarihia (2A7D2d3c), Kuhuni Kala (2A7D2d2c), Pawari (2A7D2d2d), Baijala (2A7D2d2b), Kaithwal (2A7D2e3d), Nibi (2A7D2f1a)	Flood	No. of villages	-	-	-
		Name(s) of villages	-	-	-
	Drought	No. of villages- 29	-	-	-
			Twice in 5 years however, the region experienced severe drought during 2004-2007 and 2009 & 2010 were deficit by about 12 to 36 per cent		-

CHAPTER – 3

BASELINE SURVEY AND PARTICIPATORY RURAL APPRAISAL

Participatory rural appraisal (PRA) is a tool to appraise the socio-economic conditions along with all kind of resources available in the watershed through the active participation of the villagers. There are several tools and techniques of PRA. The PRA of Chand Khamarihia (2A7D2d3c), Kuhuni Kala (2A7D2d2c), Pawari (2A7D2d2d), Baijala (2A7D2d2b), Kaithwal (2A7D2e3d) and Nibi (2A7D2f1a) micro-watershed was conducted and described in the subsequent sections.

3.1. Social-Economic Analysis

It is apparent from the social profile tht the micro-watershed is inhibited by different caste and class. About 21.38 per cent of the population is scheduled caste. Population details of the IWMP-II are depited in Table 3.1. In general 4.74 per cent population migrate from the project area due to drought and earn more money, however, migration was more due to continuous drought from 2004 to 2007 in the region. Majority of population migrate to New Delhi, Hryana and Punjab during drought.The scenario of the demographic, land holding pattern and migration of the project is depicted in Table 3.1, 3.2 and 3.3, respectively.

Table 3.1: Demographic Features in the project area (IWMP-II Allahbad)

S. N.	Name of MWS with Code	Name of Village	Total Population			Population of SC/ST		
			Total	Male	Female	Total	Male	Female
1	Chand Khamarihia (2A7D2d3c)	Chand Khamarihia	3210	1862	1348	790	442	347
		Patehra Mujra	991	575	416	244	137	107
		Sirhir	53	31	22	13	7	6
		Siki Khurd	220	128	92	54	30	24
		Total	4475	2595	1879	1101	616	484
2	Kuhuni Kala (2A7D2d2c)	Kihuni Kala	974	565	409	201	112	88
		Kihuni Khurd	1123	652	472	231	130	102
		Mahuli Kala	24	14	10	5	3	2
		Kaithwal	38	22	16	8	4	3
		Total	2263	1312	950	466	261	205
3	Pawari (2A7D2d2d),	Pawari	1490	864	626	322	180	142
		Khonch (Kihuni Khurd)	98	57	41	21	12	9

		Kihuni Kala	292	169	122	63	35	28
		Chand Khamaribia	136	79	57	29	17	13
		Sirhir	108	63	45	23	13	10
		Silaodhi Kala	72	42	30	16	9	7
		Jamsot	107	62	45	23	13	10
		Total	2304	1336	968	498	279	219
4	Baijala (2A7D2d2b)	Bahraich	786	456	330	178	100	78
		Baghol	99	58	42	22	13	10
		Mahuli Kala	736	427	309	166	93	73
		Kihuni Kala (Beaijla)	544	316	229	123	69	54
		Kaithwal	96	56	40	22	12	10
		Kihuni Khurd	42	25	18	10	6	4
		Total	2304	1337	968	521	292	229
5	Kaithwal (2A7D2e3d)	Kundari Bhlat	419	243	176	82	46	36
		Kulsara	329	191	138	65	36	28
		Kathwal	447	259	188	88	49	39
		Bahraich	331	192	139	65	36	29
		Thrh	112	65	47	22	12	10
		Total	1638	950	688	321	180	141
6	Nibi (2A7D2f1a)	Nibi	1031	598	433	192	107	84
		Dadipari	1461	848	614	272	152	120
		Dhovhut	777	451	326	145	81	64
		Cholari	796	461	334	148	83	65
		Kaithwal	663	385	279	123	69	54
		Total	4728	2742	1986	879	493	387
	GT IWMP-II		17712	10273	7439	3786	2121	1666

Table 3.2: Details of land holding pattern in IWMP-II, Allahbad

Sr. No.	Names MWS with code	Name of Village	Type of Farmer	No. of households	No. of BPL households	Land holding (h)		
						Irrigated	Rainfed	Total
1	Chand Khamarihia (2A7D2d3c)	Chand Khamarihia Patehra Mujra Sirhir Siki Khurd	(i) Big (above 4 h.)	46	0			
			(ii) Medium (2-4 h.)	112	2			
			(iii) Small (1-2 h.)	162	74			
			(iv) Marginal (0-1h.)	273	205			
			(v) Landless	28	28			
			Total	621	310	229.10	795.09	1024.19
2	Kuhuni Kala (2A7D2d2c)	Kihuni Kala Kihuni Khurd Mahuli Kala Kaithwal Chand Khamarihia	(i) Big (above 4 h.)	24	0			
			(ii) Medium (2-4 h.)	58	0			
			(iii) Small (1-2 h.)	84	39			
			(iv) Marginal (0-1h.)	142	107			
			(v) Landless	15	15			
			Total	323	160	141.78	452.07	593.85
3	Pawari (2A7D2d2d)	Pawari Khonch (Kihuni Khurd) Kihuni Kala Chand Khamarihia Sirhir Silaodhi Kala Jamsot	(i) Big (above 4 h.)	27	0			
			(ii) Medium (2-4 h.)	65	1			
			(iii) Small (1-2 h.)	94	43			
			(iv) Marginal (0-1h.)	160	120			
			(v) Landless		16			
			Total	363	181	151.36	390.46	541.82
4	Baijala (2A7D2d2b)	Bahraich Baghol Mahuli Kala	(i) Big (above 4 h.)	27	0			
			(ii) Medium (2-4 h.)	64	0			
			(iii) Small (1-2 h.)	93	43			
			(iv) Marginal (0-1h.)	157	118			

		Kihuni Kala (Beaijla) Kaithwal Kihuni Khurd	(v) Landless	16	16			
			Total	357	176	108.77	414.63	523.39
5	Kaithwal (2A7D2e3d)	Kundari Bhrat Kulsara Kathwal Bahraich Thrh	(i) Big (above 4 h.)	46	0			
			(ii) Medium (2-4 h.)	50	0			
			(iii) Small (1-2 h.)	73	33			
			(iv) Marginal (0-1h.)	123	92			
			(v) Landless	13	13			
			Total	280	138	21.22	386.74	407.96
6	Nibi (2A7D2f1a)	Nibi Ledipari Dhovhut Cholari Kaithwal	(i) Big (above 4 h.)	47	0			
			(ii) Medium (2-4 h.)	113	0			
			(iii) Small (1-2 h.)	164	75			
			(iv) Marginal (0-1h.)	277	208			
			(v) Landless	28	28			
			Total	630	312	111.05	971.54	1082.59
			Grand Total	2575	1277	763.27	3410.53	4173.80

Table 3.3: Details of migration from Project area (IWMP-IIAllahbad): Pre-project status

S.N.	Name of Watershed	Name of Village	No. of persons migrating	No. of days per year of migration	major reason (s) for migration	Distance of destination of migration from the village (km)	Occupation during migration	Income from such occupation (Rs. in lakh)
1	Chand Khamarihia (2A7D2d3c)	Chand	210	90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24
		Khamarihia		90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24
		Patehra Mujra		90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24
2	Kuhuni Kala (2A7D2d2c),	Sirhir	170					
		Siki Khurd						
		Kihuni Kala		90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24
		Kihuni Khurd		90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24
		Mahuli Kala		90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24
		Kaithwal		90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24
3	Pawari (2A7D2d2d),	Chand	180	90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24
		Khamarihia		90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24
		Sirhir		90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24
		Silaodhi Kala		90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24
		Jamsot		90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24
				90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24
4	Baijala (2A7D2d2b)	Bahraich	140	90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24
		Baghol		90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24
		Mahuli Kala		90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24
		Kihuni Kala		90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24
		(Beaijla)		90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24
				90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24

		Kaithwal Kihuni Khurd		90-150	Drought/ Earn money	300-1000 km	Labour	0.18-0.24
5	Kaithwal (2A7D2e3d)	Kundari Bhrat Kulsara Kathwal Bahraich Thrh	86	90-150 90-150	Drought/ Earn money Drought/ Earn money Drought/ Earn money Drought/ Earn money Drought/ Earn money Drought/ Earn money Drought/ Earn money	300-1000 km 300-1000 km 300-1000 km 300-1000 km 300-1000 km 300-1000 km 300-1000 km	Labour Labour Labour Labour Labour Labour Labour	0.18-0.24 0.18-0.24 0.18-0.24 0.18-0.24 0.18-0.24 0.18-0.24 0.18-0.24
6	Nibi (2A7D2f1a)	Nibi Ledipari Dhovhut Cholari Kaithwal	208	90-150 90-150	Drought/ Earn money Drought/ Earn money	300-1000 km 300-1000 km	Labour Labour	0.18-0.24 0.18-0.24
		Total	994					



Fig. 3: PRA exercise in the watershed

3.2 Soil and Land Holding Pattern

Majority of the land of the project is medium textured soil. Category wise details of farmer and their irrigated area are described in Table 3.6.

Table 3.5: Details of Soil texture in IWMP-II Allahbad

S.	MWS project	Area in different soil group (h)
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N.		Light textured soil (sand, loamy sand)	Medium textured soil (Sandy loam, silt loam)	Heavy textured soil (Clayey)	MWS Total
1	Chand Khamarihia (2A7D2d3c),	195.96	575.1	80.94	852
2	Kuhuni Kala (2A7D2d2c	88.56	391.632	11.808	492
3	Pawari (2A7D2d2d)	70.88	359.716	12.404	443
4	Bajjala (2A7D2d2b)	63.75	350.2	11.05	425
5	Kaithwal (2A7D2e3d)	40.68	288.489	9.831	339
6	Nibi (2A7D2f1a)	203.28	692.12	72.6	968
	Total	663.11	2657.257	198.633	3519

3.3 Major Crops, its Productivity and Production

Micro-watershed wise grown crops, their productivity and production under irrigated and rainfed condition is given in Table 3.16. As far as productivity of cereals is concerned, it is significantly lower than the state and national average. Micro-watershed wise kharif and rabi crops production and productivity presented in Table 3.6.

Table 3.6: Micro-watershed wise details of Crops, their Productivity and Production in IWMP-IIAllahbad

1. MWS- Chand Khamarihia (2A7D2d3c)

S.No	Crop.	Area in (ha.)		Productivity q/ha		Production (q.)				Remarks
		Irrigated	Rainfed	Irrigated	Rainfed.	Grain/Main product		Fodder/Fuel/ other Product.		
						Irrigated	Rainfed	Irrigated	Rainfed	
A	Kharif									
1	Paddy	0	117	0	7	0.00	556.56	0	36.18	
2	Arhr	0	155	0	6	0.00	572.47	0	37.21	
3	Bajara	0	87	0	10	0.00	874.60	0	56.85	
4	Til (Sesamum)	0	207	0	1.8	0.00	372.10	0	24.19	
	Total	0	556			1896.93	2375.73	0	154.42	
B	Rabi									
1	Wheat	176	350	25	12.8	4400.00	4477.96	387.20	291.07	

2	Lentil	11	127	14.8	8.4	169.53	1068.60	14.92	69.46	
3	Chickpea	9	40	15.6	9.2	142.96	365.74	12.58	23.77	
4	Mustard / Rai	14	139	12	5	164.95	695.71	14.52	45.22	
5	Vegetable Pea/ Filed Pea	18	101	60	9.4	1099.67	949.18	96.77	61.70	
6	Barley	0	36	0	14.2	0.00	508.06	0.00	33.02	
	Total	229	793			5977.11	8065.25	525.99	709.74	
					Total	7874.04	10440.99	692.92	918.81	
	Net Irrigated Area	229.10	795.09							
	Culturable Area	1024.19								
	Cropping Intencity									154.03

2. MWS- Kuhuni Kala (2A7D2d2c)

S.No	Crop.	Area in		Productivity		Production (q.)				Remarks
		(ha.)		q/ha		Grain/Main product		Fodder/Fuel/ other Product.		
		Irrigated	Rainfed	Irrigated	Rainfed.	Irrigated	Rainfed	Irrigated	Rainfed	
A	Khrif									
1	Paddy	0	62	0	7	0.00	316.45	0.00	20.57	
2	Arhr	0	91	0	6	0.00	325.49	0.00	21.16	
3	Bajara	0	50	0	10	0.00	497.28	0.00	32.32	
4	Til (Sesamum)	0	118	0	1.8	0.00	211.57	0.00	13.75	
	Total	0	321			1173.95	1350.79	103.31	87.80	
B	Rabi									
1	Wheat	176	199	25	12.8	4400.00	2546.06	387.20	165.49	
2	Lentil	7	72	14.8	8.4	104.92	607.58	9.23	39.49	
3	Chickpea	6	23	15.6	9.2	88.47	207.95	7.79	13.52	
4	Mustard / Rai	9	79	12	5	102.08	395.56	8.98	25.71	

5	Vegetable Pea/ Filed Pea	11	57	60	9.4	680.55	539.68	59.89	35.08	
6	Barley	0	20	0	14.2	0.00	288.87	0.00	18.78	
	Total	209	451			5376.03	4585.71	473.09	403.54	
					Total	6549.98	5936.49	576.40	522.41	
	Net Irrigated Area	141.78	452.07							
	Culturable Area	593.85								
	Cropping Intensity									165.01

3. Pawari (2A7D2d2d)

S.No	Crop.	Area in		Productivity		Production (q.)				Remarks
		(ha.)		q/ha		Grain/Main product		Fodder/Fuel/ other Product.		
		Irrigated	Rainfed	Irrigated	Rainfed.	Irrigated	Rainfed	Irrigated	Rainfed	
A	Khrif									
1	Paddy	0	57	0	7	0.00	273.32	0.00	17.77	
2	Arhr	0	46	0	6	0.00	281.13	0.00	18.27	
3	Bajara	0	43	0	10	0.00	429.51	0.00	27.92	
4	Til (Sesamum)	0	102	0	1.8	0.00	182.74	0.00	11.88	
	Total	0	288			1253.24	1166.69	110.29	75.84	
B	Rabi									
1	Wheat	176	172	25	12.8	4400.00	2199.07	387.20	142.94	
2	Lentil	8	62	14.8	8.4	112.00	524.78	9.86	34.11	
3	Chickpea	6	20	15.6	9.2	94.45	179.61	8.31	11.67	
4	Mustard / Rai	9	68	12	5	108.98	341.65	9.59	22.21	
5	Vegetable Pea/ Filed Pea	12	50	60	9.4	726.52	466.13	63.93	30.30	
6	Barley	0	18	0	14.2	0.00	249.50	0.00	16.22	

	Total	211	389			5441.95	3960.75	478.89	348.55	
					Total	6695.19	5127.44	589.18	451.21	
	Net Irrigated Area	151.36	390.46							
	Culturable Area	541.82								
	Cropping Intensity									163.89

4. Bajjala (2A7D2d2b)

S.No	Crop.	Area in		Productivity		Production (q.)				Remarks
		(ha.)		q/ha		Grain/Main product		Fodder/Fuel/ other Product.		
		Irrigated	Rainfed	Irrigated	Rainfed.	Irrigated	Rainfed	Irrigated	Rainfed	
A	Khrif									
1	Paddy	0	54	0	9	0.00	373.16	0	24.26	
2	Arhr	0	78	0	6	0.00	298.53	0	19.40	
3	Bajara	0	46	0	10	0.00	456.09	0	29.65	
4	Til (Sesamum)	0	108	0	1.8	0.00	194.04	0	12.61	
	Total	0	286			817.93	1321.82	71.98	85.92	
B	Rabi									
1	Wheat	176	182	25	12.8	4400.00	2335.17	387.20	151.79	
2	Lentil	5	66	14.8	8.4	80.49	557.26	7.08	36.22	
3	Chickpea	4	21	15.6	9.2	67.87	190.73	5.97	12.40	
4	Mustard / Rai	7	73	12	5	78.31	362.80	6.89	23.58	
5	Vegetable Pea/ Filed Pea	9	53	60	9.4	522.08	494.98	45.94	32.17	
6	Barley	0	19	0	14.2	0.00	264.95	0.00	17.22	
	Total	201	413			5148.75	4205.87	453.09	370.12	
					Total	5966.68	5527.70	525.07	486.44	
	Net Irrigated Area	108.77	414.63							

	Culturable Area	523.39								
	Cropping Intensity									172.02

5. Kaithwal (2A7D2e3d)

S.No	Crop.	Area in (ha.)		Productivity q/ha		Production (q.)				Remarks
		Irrigated	Rainfed	Irrigated	Rainfed.	Grain/Main product		Fodder/Fuel/ other Product.		
						Irrigated	Rainfed	Irrigated	Rainfed	
A	Khrif									
1	Paddy	0	42	0	5	0.00	193.37	0	12.57	
2	Arhr	0	52	0	6	0.00	278.45	0	18.10	
3	Bajara	0	43	0	10	0.00	425.41	0	27.65	
4	Til (Sesamum)	0	101	0	1.8	0.00	180.99	0	11.76	
	Total	0	236			162.97	1078.23	14.34	70.08	
B	Rabi									
1	Wheat	176	170	25	12.8	4400.00	2178.11	387.20	141.58	
2	Lentil	1	62	14.8	8.4	15.70	519.78	1.38	33.79	
3	Chickpea	1	19	15.6	9.2	13.24	177.90	1.17	11.56	
4	Mustard / Rai	1	68	12	5	15.28	338.40	1.34	22.00	
5	Vegetable Pea/ Filed Pea	2	49	60	9.4	101.85	461.69	8.96	30.01	
6	Barley	0	17	0	14.2	0.00	247.13	0.00	16.06	
	Total	181	386			4546.08	3922.99	400.05	345.22	
					Total	4709.04	5001.22	414.40	440.11	
	Net Irrigated Area	21.22	386.74							
	Culturable Area	407.96								
	Cropping Intensity									196.76

6. Nibi (2A7D2f1a)

S.No	Crop.	Area in		Productivity		Production (q.)				Remarks
		(ha.)		q/ha		Grain/Main product		Fodder/Fuel/ other Product.		
		Irrigated	Rainfed	Irrigated	Rainfed.	Irrigated	Rainfed	Irrigated	Rainfed	
A	Khrif									
1	Paddy	0	110	0	7	0.00	680.08	0	44.21	
2	Arhr	0	146	0	6	0.00	699.51	0	45.47	
3	Bajara	0	107	0	10	0.00	1068.70	0	69.47	
4	Til (Sesamum)	0	253	0	1.8	0.00	454.68	0	29.55	
	Total	0	615			919.46	2902.98	80.91	188.69	
B	Rabi									
1	Wheat	176	427	25	12.8	4400.00	5471.74	387.20	355.66	
2	Lentil	6	155	14.8	8.4	82.17	1305.76	7.23	84.87	
3	Chickpea	4	49	15.6	9.2	69.29	446.91	6.10	29.05	
4	Mustard / Rai	7	170	12	5	79.95	850.10	7.04	55.26	
5	Vegetable Pea	9	123	60	9.4	533.02	1159.83	46.91	75.39	
6	Barley	0	44	0	14.2	0.00	620.81	0.00	40.35	
	Total	202	969			5164.44	9855.16	454.47	867.25	
					Total	6083.90	12758.13	535.38	1122.72	
	Net Irrigated Area	111.05	971.54							
	Culturable Area	1082.59								
	Cropping Intensity									164.93

IWMP- II		Grain/ Main Product		Fodder / Fuel	
MWS Name	Season	Irrigated	Rainfed	Irrigated	Rainfed
		Chand Khamarihia	Khrif	1896.93	2375.73
	Rabi	5977.11	8065.25	525.99	709.74

Kuhuni Kala	Khrif	1173.95	1350.79	103.31	87.80
	Rabi	5376.03	4585.71	473.09	403.54
Pawari	Khrif	1253.24	1166.69	110.29	75.84
	Rabi	5441.95	3960.75	478.89	348.55
Baijala	Khrif	817.93	1321.82	71.98	85.92
	Rabi	5148.75	4205.87	453.09	370.12
Kaithl	Khrif	162.97	1078.23	14.34	70.08
	Rabi	4546.08	3922.99	400.05	345.22
Nibi	Khrif	919.46	2902.98	80.91	188.69
	Rabi	5164.44	9855.16	454.47	867.25
Total		37878.82	44791.97	3333.34	3707.18
Grain / Main Product q.		82670.79			
Fodder/ Fuel		7040.52			
Over All Cropping Intensity		169.44			

3.4 Agroforestry and Horticulture

There is no systematic agroforestry and orchrd in the project area, however, few scattered trees of mahua, desi ber, aonla, guava, kathl, etc. was found in the micro-watershed which is consumed locally (Table 3.7).

Table 3.7: Horticulture Status

S. N.	Name of Micro Watershed with code	Name of village	Name of Important horticultural crop						
			Or chrd				Scatterd fruit crop		
			Name	Area h	Productivity qt/h	Production	No.	Productivity	Production
						Qs		Q/No	Qs
1	Chand Khamarihia (2A7D2d3c)	Chand Khamarihia Bagariha Patehara Mojara Sirhir	Aonla Guava Mango Ber	1.65	-	370	250	-	350
2	Kuhuni Kala (2A7D2d2c)	Kihuni Kala Kihuni Khurd Mahuli Kala Kaithwal Chand Khamarihia	Aonla Guava Mango Ber Bael Jamun	1.25	-	280	350	-	385
3	Pawari (2A7D2d2d)	Pawari Khonch (Kihuni Khurd) Kihuni Kala Chand Khamarihia	Aonla Guava Mango Ber Bael Jamun	0.90	-	180	456	-	510

4	Baijala (2A7D2d2b)	Sirhir Silaodhi Kala Jamsot Bahraich Baghol Mahuli Kala Kihuni Kala (Beaijla) Kaithwal Kihuni Khurd	Aonla Guava Mango Ber Bael Jamun	1.10	-	260	260	-	345
5	Kaithwal (2A7D2e3d)	Kundari Bhrat Kulsara Kathwal Bahraich Thrh	Aonla Guava Mango Ber Bael Jamun	1.36	-	265	450	-	480
6	Nibi (2A7D2f1a)	Nibi Ledipari Dhovhut Cholari Kaithwal	Aonla Guava Mango Ber Bael Jamun	1.30	-	310	750	-	650
Total				7.56	-	1665	2516	-	2720

3.5 Livestock and Fisheries

In the name of cattle mainly desi cow are found in the project of which productivity are significantly lower than the average productivity of the state. The Details of livestock and its productivity are available in Table 3.8 and 3.9, respectively.

Table 3.8.: Livestock Population in IWMP- I, Allahbad

(All Figures are in No.)

S.N.	Name of Micro watershed with code	Name of village	cow		Buffalo		Ox/Bull	Goat	Sheep	Piggeries	Poultry			other
			Desi	Crossed	Desi	Murrah					Broiler	Layer	Total	
1	Chand Khamarihia (2A7D2d3c),	Chand Khamarihia	150	12	150	25	46	160	0	0	0	60	60	
		Bagariha	102	24	180	40	60	250	0	0	0	30	30	
		Patehara Mojara Sirhir	56	24	105	50	140	240	0	0	0	52	52	
2	Kuhuni Kala (2A7D2d2c)	Kihuni Kala	40	5	75	16	40	160	0	0	0	10	10	
		Kihuni Khurd	260	16	177	23	120	200	0	0	0	35	35	
		Mahuli Kala	180	24	160	40	80	260	0	0	0	40	40	
		Kaithwal	160	36	168	26	140	360	0	0	0	30	30	
		Chand Khamarihia	18	2	20	4	16	20	0	0	0	5	5	
3	Pawari (2A7D2d2d)	Pawari	166	15	206	34	60	120	0	0	0	26	26	
		Khonch (Kihuni Khurd)	143	14	143	12	50	350	0	0	0	20	20	
		Kihuni Kala	60	5	60	10	40	150	0	0	0	25	25	
		Chand Khamarihia	46	6	56	12	80	160	0	0	0	28	28	
		Sirhir	56	12	20	4	40	160	0	0	0	18	18	
		Silaodhi Kala	113	7	120	0	10	55	0	0	0	8	8	
		Jamsot	24	4	36	4	60	180	0	0	0	30	30	
5	Kaithwal (2A7D2e3d)	Kundari Bhurat	120	24	160	34	80	250	0	0	0	40	40	
		Kulsara	160	18	142	16	90	350	0	0	0	25	25	

		Kathwal												
		Bahraich												
		Thrh	185	16	180	40	80	320	0	0	0	30	30	
7	Baijala (2A7D2d2b)	Bahraich	268	36	178	24	60	250	0	0	0	25	25	
		Baghol	160	40	180	36	80	240	0	0	0	20	20	
		Mahuli Kala	25	4	30	6	20	80	0	0	0	12	12	
		Kihuni Kala (Beaijla)												
		Kaithwal	18	4	20	4	26	120	0	0	0	18	18	
		Kihuni Khurd												
6	Nibi (2A7D2f1a)	Nibi	160	40	180	36	80	240	0	0	0	20	20	
		Ledipari	143	14	143	12	50	350	0	0	0	20	20	
		Dhovhut	60	5	60	10	40	150	0	0	0	25	25	
		Cholari												
		Kaithwal	46	6	56	12	80	160	0	0	0	28	28	
		Total	2919	413	3005	530	1668	5335	0	0	0	680	680	

Table 3.9: Productivity of livestock in IWMP-IIAllahbad

N.	Name of Micro watershed with code	Name of village	Milk Production Lit. / day (cow)		Milk Production Lit. / day (Buffalo)		(Goat) weight kg/ kids	Broiler	Layer eggs / years
			Desi	Crossed	Desi	Murrah			
1	Chand Khamarihia (2A7D2d3c),	Chand Khamarihia	1.80	5.20	4.50	5.80	26	0	156
		Bagariha	1.60	4.40	3.50	4.80	25	0	150
		Patehara Mojara Sirhir	1.70	5.40	4.30	5.60	26	0	170
2	Kuhuni Kala (2A7D2d2c)	Kihuni Kala	1.80	5.20	4.50	5.80	25	0	156
		Kihuni Khurd	1.60	4.40	3.50	4.80	26	0	150
		Mahuli Kala	1.70	5.40	4.30	5.60	25	0	170
		Kaithwal	1.80	5.20	4.50	5.80	26	0	156
		Chand Khamarihia	1.60	4.40	3.50	4.80	25	0	150
3	Pawari (2A7D2d2d)	Pawari	1.70	5.40	4.30	5.60	26	0	170
		Khonch (Kihuni Khurd)	1.80	5.20	4.50	5.80	25	0	156
		Kihuni Kala	1.60	4.40	3.50	4.80	26	0	150
		Chand Khamarihia	1.70	5.40	4.30	5.60	25	0	170
		Sirhir	1.80	5.20	4.50	5.80	26	0	156
		Silaodhi Kala	1.60	4.40	3.50	4.80	25	0	150
		Jamsot	1.70	5.40	4.30	5.60	26	0	170
5	Kaithwal (2A7D2e3d)	Kundari Bhurat	1.80	5.20	4.50	5.80	25	0	156
		Kulsara	1.80	5.20	4.50	5.80	26	0	150
		Kathwal							

		Bahraich							
		Thrh	1.60	4.40	3.50	4.80	25	0	170
7	Baijala (2A7D2d2b)	Bahraich	1.70	5.40	4.30	5.60	26	0	156
		Baghol	1.80	5.20	4.50	5.80	25	0	150
		Mahuli Kala	1.60	4.40	3.50	4.80	26	0	170
		Kihuni Kala (Beaijla)	1.70	5.40	4.30	5.60	25	0	156
		Kaithwal Kihuni Khurd							
6	Nibi (2A7D2f1a)	Nibi	1.80	5.20	4.50	5.80	26	0	150
		Ledipari	1.60	4.40	3.50	4.80	25	0	170
		Dhovhut	1.70	5.40	4.30	5.60	26	0	156
		Cholari	1.80	5.20	4.50	5.80	25	0	150
		Kaithwal							

3.6 Forest and Grassland

There is no grassland available in the project, however, information on naturally generated/grown degraded forest is given in Table 3.10.

Table 3.10: Forest, vegetative cover/grassland in IWMP-II Allahbad

S.N.	Name of Micro watershed with code	Name of village	Forest (Area ha)			Grassland (Area ha)		Other vegetative cover (Area ha)	
			Reserve	Gram Samaj (Natural/ Planted)	Total	Gram Samaj	Private	Gram Samat	Private
1	Chand Khamarihia (2A7D2d3c),	Chand Khamarihia Bagariha Patehara Mojara Sirhir	-	1.26	1.26	0.96	9.10	-	18.56
2	Kuhuni Kala (2A7D2d2c)	Kihuni Kala Kihuni Khurd Mahuli Kala Kaithwal Chand Khamarihia	-	0.80	0.80	0.66	6.20	-	16.50
3	Pawari (2A7D2d2d)	Pawari Khonch (Kihuni Khurd) Kihuni Kala Chand Khamarihia Sirhir Silaodhi Kala Jamsot	-	1.20	1.20	1.36	8.20	-	24.60

4	Kaithwal (2A7D2e3d)	Kundari Bhrat Kulsara Kathwal Bahraich Thrh	-	1.23	1.23	1.60	8.10	-	16.30
5	Baijala (2A7D2d2b)	Bahraich Baghol Mahuli Kala Kihuni Kala (Beaijla) Kaithwal Kihuni Khurd	-	0.68	0.68	1.10	5.60	-	14.80
6	Nibi (2A7D2f1a)	Nibi Ledipari Dhovhut Cholari Kaithwal	-	0.90	0.90	1.30	10.20	-	22.40

3.7 Livelihood Status

Assestless / landless people earn their livelihood mainly from labour and *batai*. They were earning about Rs. 3500 / per month. It is expected tht their income will enhnce due to watershed management as it will generate sustained employment opportunity, as expected Rs 10500 per month. Intervention based on piggeries, fisheries, black smithy and carpentry was not in practice. Livelihood status of landless, farmers and interventions based livelihood status are shown in Table 3.11, 3.12 and 3.13 respectively.

Table 3.11: Livelihood Status of Landless People

S.N.	name & Micro watershed with code	Name of Village	Name of Livelihood Activity	No. of house hold engaged					Pre Project Average Income/year	Desired Activities	Expected Income from desired activities Rs/Year	Remarks
				Sc	St	Other	Women	Total				
1	Chand Khamarihia (2A7D2d3c)	Chand Khamarihia Patehra Mujra Sirhir Siki Khurd	Labour / Batai	4	0	18	6	28	54600	Goatary Poultry	115000	With Investment work i.e extra income in SHG
2	Kuhuni Kala (2A7D2d2c),	Kihuni Kala Kihuni Khurd Mahuli Kala Kaithwal Chand Khamarihia	Labour/ Batai	2	0	13	-	15	48000	Goatary Poultry	115000	With Investment work i.e extra income in SHG
3	Pawari (2A7D2d2d)	Pawari Khonch (Kihuni Khurd) Kihuni Kala Chand Khamarihia Sirhir Silaodhi Kala Jamsot	Labour / Batai	5	0	7	2	16	35500	Goatary Poultry Ropemaking	125000	With Investment work i.e extra income in SHG
4	Baijala (2A7D2d2b)	Bahraich Baghol Mahuli Kala Kihuni Kala (Beaijla)	Labour/ Batai	4	0	10	2	16	34700	Goatary Poultry Ropemaking	135000	With Investment work i.e extra income in SHG

		Kaithwal Kihuni Khurd										
5	Kaithwal (2A7D2e3d)	Kundari Bhrat Kulsara Kathwal Bahraich Thrh	Labour/ Batai	4	0	9	-	13	42000	Poultry / Layer farming	125000	With Investment work i.e extra income in SHG
6	Nibi (2A7D2f1a)	Nibi Dadipari Dhovhut Cholari Kaithwal	Labour / Batai	8	0	16	4	28	37800	Dairy, Poultry	135000	With Investment work i.e extra income in SHG
Total								116	Av. 42100		Av. 125000	

Table 3.12: Details of Livelihood Status of the Farmers

S. N.	Name & Code of Micro watershed	Name of Village	Name of Livelihood Activity	No. of house hold engaged					Pre Project Average Income	Desired Activities	Expected Income from desired activities	Remarks
				Sc	ST	Other	Women	Total				
1	Chand Khamarihia (2A7D2d3c)	Chand Khamarihia Patehra Mujra Sirhir Siki Khurd	Ag. + A.H.	135	-	425	33	593	39500	Crop Production Animal Husbandry	150000	Training on Crop production & Animal Husbandry
2	Kuhuni Kala (2A7D2d2c)	Kihuni Kala Kihuni Khurd Mahuli Kala Kaithwal	Ag. + A.H.	100	-	140	68	308	44600	Intensification of Crop & Animals	185000	Training on Crop production & Animal Husbandry

		Chand Khamarihia										
3	Pawari (2A7D2d2d)	Pawari Khonch (Kihuni Khurd) Kihuni Kala Chand Khamarihia Sirhir Silaodhi Kala Jamsot	Ag. + A.H.	72	-	265	10	347	46600	Intensification of Crop & Animals	145000	Training on Crop production & Animal Husbandry
4	Baijala (2A7D2d2b)	Bahraich Baghol Mahuli Kala Kihuni Kala (Beaijla) Kaithwal Kihuni Khurd	Ag. + A. H.	100	-	222	19	341	54000	Intensification of Crop & Animals	185000	Training on Crop production & Animal Husbandry
5	Kaithwal (2A7D2e3d)	Kundari Bhrat Kulsara Kathwal Bahraich Thrh	Ag. + A.H.	100	-	140	27	267	46800	Intensification of Crop & Animals	210000	Training on Crop production & Animal Husbandry
6	Nibi (2A7D2f1a)	Nibi Dadipari Dhovhut Cholari Kaithwal	Ag. + A.H.	140	-	360	102	602	57200	Intensification of Crop & Animals	180000	Training on Crop production & Animal Husbandry
		Total		647	-	1552	259	2458	Av. 48117		Av. 175800	

Table 3.13: Present Livelihood Status (No. of households/Income per year) in IWMP-II, Allahbad

Sr. No	Name of MWS with code	Name of village	Income in Rs																			
			Activities																			
			Dairy		Poultry		Goatry		Piggeries		Fisheries		Black Smithy		Carpentry		Stitching/knitting		Wages		Agriculture	
No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income	
1	Chand Khamarihia (2A7D2d3c)	Chand Khamarihia Patehra Mujra Sirhir Siki Khurd	560	12000	20	25000	20	28000	-	-	-	-	-	-	-	-	-	-	80	25000	593	46500
2	Kuhuni Kala (2A7D2d2c)	Kihuni Kala Kihuni Khurd Mahuli Kala Kaithwal Chand Khamarihia	205	2500	18	18000	40	42000	-	-	-	-	-	-	-	-	-	-	56	38000	217	48000
3	Pawari (2A7D2d2d)	Pawari Khonch (Kihuni Khurd) Kihuni Kala Chand Khamarihia Sirhir Silaodhi Kala Jamsot	326	12500	30	25000	90	42000	-	-	-	-	-	-	-	-	-	-	80	42000	347	56000
4	Baijala (2A7D2d2b)	Bahraich Baghol Mahuli Kala	330	13000	25	24600	80	42000	-	-	-	-	-	-	-	-	-	-	60	18000	341	56800

		Kihuni Kala (Beaijla) Kaithwal Kihuni Khurd																				
5	Kaithwal (2A7D2e3d)	Kundari Bhrat Kulsara Kathwal Bhraich Thrh	215	13500	40	15600	30	35000	-	-	-	-	-	-	-	-	-	-	70	14000	267	56000
6	Nibi (2A7D2f1a)	Nibi Dadipari Dhovhut Cholari Kaithwal	580	9500	50	25000	50	28000	-	-	-	-	-	-	-	-	-	-	150	22000	602	42500
		Total	2216	Av. 10500	183	Av. 22200	310	Av. 36166	-	-	-	-	-	-	-	-	-	-	496	Av. 26500	2367	Av. 50967

3.8 Hydrology, Water resources and Soil and moisture Conservation

Open in general, irrigation interval is low due to low water holding capacity of the soils. In the name of soil and moisture conservation only field bund Use of micro-irrigation is almost nil in the area. Groundwater status, irrigation status and source are given in Table 3.14, 3.15 and 3.16, respectively.

Table 3.14: Ground Water Status in IWMP-IIAllahbad

S.N.	name & Code of Micro watershed	Name of Village	Depth of Ground water Table (Below Ground level) in Meter		No.of Observation well	Remarks
			Before Monsoon	After Monsoon		
1	Chand Khamarihia (2A7D2d3c)	Chand Khamarihia Patehra Mujra Sirhir Siki Khurd	14.80	12.90	4	
2	Kuhuni Kala (2A7D2d2c)	Kihuni Kala Kihuni Khurd Mahuli Kala Kaithwal Chand Khamarihia	14.60	12.60	5	
3	Pawari (2A7D2d2d)	Pawari Khonch (Kihuni Khurd) Kihuni Kala Chand Khamarihia Sirhir Silaodhi Kala Jamsot	13.80	10.60	6	
4	Baijala (2A7D2d2b)	Bahraich Baghol Mahuli Kala Kihuni Kala (Beaijla) Kaithwal Kihuni Khurd	11.80	10.20	6	

5	Kaithwal (2A7D2e3d)	Kundari Bhrat Kulsara Kathwal Bahraich Thrh	13.60	11.60	8	
6	Nibi (2A7D2f1a)	Nibi Dadipari Dhovhut Cholari Kaithwal	13.60	10.90	5	

Table 3.15: Irrigation Status in IWMP-IIAllahbad

S. N.	Name & Micro watershed with code	Name of Village	Gross Cultivated Area				Net Cultivated Area	Gross Irrigated Area				Net Irrigated Area	Rainfed Area
			Khrif	Rabi	Zaid	Total		Khrif	Rabi	Zaid	Total		
1	Chand Khamarihia (2A7D2d3c)	Chand Khamarihia Patehra Mujra Sirhir Siki Khurd	556	1022	-	1578	1024.19	87	229	-	316	229.10	795.09
2	Kuhuni Kala (2A7D2d2c),	Kihuni Kala Kihuni Khurd Mahuli Kala Kaithwal Chand Khamarihia	321	660	-	981	593.78	54	141	-	195	141.78	452.07
3	Pawari (2A7D2d2d)	Pawari Khonch (Kihuni Khurd) Kihuni Kala	288	540	-	828	541.82	58	151	-	209	151.36	390.46

		Chand Khamarhia Sirhir Silaodhi Kala Jamsot											
4	Baijala (2A7D2d2b)	Bahraich Baghol Mahuli Kala Kihuni Kala (Beaijla) Kaithwal Kihuni Khurd	286	521	-	807	523.40	41	108	0	149	108.77	414.63
5	Kaithwal (2A7D2e3d)	Kundari Bhrat Kulsara Kathwal Bahraich Thrh	236	407	-	643	407.96	8	21	-	29	21.22	386.74
6	Nibi (2A7D2f1a)	Nibi Dadipari Dhovhut Cholari Kaithwal	615	1080	-	1695	1082.59	42	111	-	153	111.05	971.54
		Total	2302	4230	-	6532	4173.74	290	761	-	1051	763.28	3410.53

Table 3.16: Source wise Area Irrigated in IWMP-IIAllahbad (area in h)

S.N	Name of Micro Watershed with code	Name of village	Canal Area	State tube wells		Tanks		Well		Bore wells		Lift irrigation		Others (Specify)		Total Irrigated Area	Remerks
				No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Chand Khamarihia (2A7D2d3c)	Chand Khamarihia Patehra Mujra Sirhir Siki Khurd	-	-	-	4	80	-	-	1	29	-	-	-	-	119	-
2	Kuhuni Kala (2A7D2d2c)	Kihuni Kala Kihuni Khurd Mahuli Kala Kaithwal Chand Khamarihia	-	-	-	2	40	-	-	2	41.78	-	-	-	-	81.78	-
3	Pawari (2A7D2d2d)	Pawari Khonch (Kihuni Khurd) Kihuni Kala Chand Khamarihia Sirhir Silaodhi Kala Jamsot	-	-	-	2	51.36	-	-	3	50	-	-	-	-	101.36	-
4	Baijala (2A7D2d2b)	Bahraich Baghol Mahuli Kala	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

		Kihuni Kala (Beaijla) Kaithwal Kihuni Khurd															
5	Kaithwal (2A7D2e3d)	Kundari Bhrat Kulsara Kathwal Bahraich Thrh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6	Nibi (2A7D2f1a)	Nibi Dadipari Dhovhut Cholari Kaithwal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

CHAPTER – 4

INSTITUTIONAL BUILDING AND PROJECT MANAGEMENT

4.1 Project Implementing Agency

The Project Implementing Agency (PIA) is Soil Conservation Officer, Department of Land Development and Water Resources, Kaushmbi, Allahbad-II, Uttar Pradesh. 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. Most of the staff of PIA has exposure of several watershed projects. In addition the PIA has access for technical backstopping from the ICAR viz. IGFRI, Naini Ag. University, Allahbad and NRCAF, Jhansi, and KVK Naini, located at Allahbad. Details of PIA are presented in subsequent section.

Table 4.1: Details of Project Implementing Agency (PIA), IWMP-II Allahbad

S. No.	Particulars of PIA	
	Date of selection of PIA	23 June 2010
	Type of organization	Government Institution
	Name of organization	Land Development and Water Resources
	Designation & Address	Bhoomi Sanrakshn Adhikari, Land Development and Water Resources, Meja, Allahbad
	Telephone	09412129416
	Fax	
	E-mail	cadwmmeja@upldwr.com

Table- 4.2.: Details of Staff at Project Implementing Agency

S.No.	Name	Designation	Qualification	Experience (Year)
1	Sri Moti Ram	BSA	Intermediate Diploma in Ag. Engg.	26
2	Sri Ram Surat Maurya	Jr. Engg.	Intermediate, Diploma Civil Engg	27
3	Sri Rajesh Kumar Srivastava	Jr. Engg.	Intermediate, Diploma Civil Engg	25
4	Sri Desh Deepak	Accountant	B.Com.	07
5	Sri Surya Prasad Vishkarma	Sr. clerk	B.A.	24
6	Sri Sunil Kumar Yadav	Draftt Man	M.A., ITI in Draft man	07
7	Sri Umesh Shran Srivastava	Tracer	M.A.	29
8	Smt. Sumitra	Jr.Clerk	M.A.	14
9	Sri Ravi Prakash	A.S.C.I.	M.Sc.(Ag.)	07
10	Sri. Ramesh Chnd	Munsi	Intermediate	19
11	Sri. Sayad Safdar Raza	Munsi	M.A.	19
12	Sri Mangaroo Prasad	Work Inchrge	Intermediate	27
13	Sri Nafisul Hq	Work Inchrge	Intermediate	24
14	Sri Rajendra Prasad Srivastava	Work Inchrge	Intermediate	24
15	Sri Ram Saran Prajapati	Work Inchrge	Intermediate	22
16	Sri Hnsnath Prasad	Work Inchrge	B.A.	22
17	Sri Laxmikant Tripathi	Work Inchrge	Intermediate	21
18	Sri Mahendra Kumar	Work Inchrge	B.A.	21
19	Sri Gopalji Mishra	Jiledar	High School	26
20	Sri Chndra Prakash Mishra	Seench Pal	B.A.	21
21	Sri Raj Narain Yadav	Seench Pal	B.A.	21
22	Sri Anil Kumar Tiwari	Seench Pal	High School	29
23	Sri Nishr Ahmed	Driver	High School	25
24	Sri Ramanand Gupta	IV Class	Jr.High School	28
25	Sri Parash Nath Giri	IV Class	Intermediate(Ag.)	28
26	Sri Jagdish Prasad	IV Class	Intermediate	28
27	Smt. Chndavati	IV Class	Educated	09
28	Sri Ramdhni Yadav	Runner	Jr.High School	29
29	Smt. Chinta Devi	Runner	Educated	16
30	Smt. Savitri Devi	Runner	Educated	23

Table 4.3: Details of Watershed Development Team (WDT) in the project area
Project- IWMP-II PIA- BSA, LDWR, Kaushmbi, Allahbad-II

District –Allahbad

S. No.	Name of the PIA	Names of WDT members	M/F	Age	Qualification / Experience	Description of professional training	Role/ Function	Date of appointment of WDT member
1	Bhoomi Sanrakshn Adhikari, Land Development and Water Resources, Meja, Allahbad	Sri Ramsurat Maurya	M	56	Intermediate, Diploma(Civil Engg.)	Soil & Water Management	Soil & Water Management	05 July 2010
2		Sri Ravi Prakash	M	35	Msc(Ag.)	Agronomy	Agriculture	
3		Sri S. P. Singh	M	60	Msc(Soil Science)	Soil Science	Soil Science	
4		Sri Mahendra Kumar	M	44	BA	Self Help Group	Institutional Building	
5		Smt. Munni Devi	F	30	Intermediate	Social Work	Social Mobilisation	
6		Smt. Sumitra	F	52	M.A.		Social Mobilisation	

Table 4.4: Details of Watershed Committee (WC)

S. N.	Name of Gram Sabh/GP	Date of Constitution/ Registration as a Society (dd/mm/yyyy)	Designation	M/F	SC	ST	OBC/ Gen	SF	MF	LF	Land-less	UG	SHG	GP	Educational qualification
			President	M			√		√						Inter
1	Chand Khamarihia	-	Secretary	M			√	√				√			High School
			Member	M	√			√				√			8 th Class
			Member	M	√			√				√			5 th Class
			Member	M			√	√					√		8 th Class
			Member	F			√		√				√		5 th Class
			Member	M										√	5 th Class
			Member	M			√		√			√			8 th Class
			Member	M			√		√					√	5 th Class

Note: Total Nineteen Watershed and sub watershed committees constituted as per gram panchyat comes under each Micro watershed, only one WC presented here and remaining details are presented in the Table No. 4.5

Table 4.5: Details of Watershed Committee Sub Watershed Committee (WC & SWC)

S.No	Name Of Watershed	Name Of President	Name Of Secretary	Member Of User Group	Member Of Shg	Female Member	Sc Member	Land Less Member
1	Nibi	Sant Lal	Balikiran	Hri Krishn Ram Chndra	Laloo Guljari	Kalawati Sudevi	Hinch Lal	Pappu
2	Leriyari	Prem Chnd	Srisu	Durga Prasad Badri Prasad	Dilip Lalji	Sunaina Devi Chndra Devi	Shnker Lal	Shiv Kumar
3	Kolasara	Ram Adhr	Jai Shnkar Singh	Ramakant	Lalbahdur	Geeta Devi	Mangla Prasad	Manik Chnd
4	Baghol	Dev Muni	Hind Lal	Kamta Prasad Thkurkant pandey	Ramrati Mahendra	Sunita Durgawati	Kallu	Santlal
5	Behraich	Rajdhr	Baijnath	Kedar	Rajkaran	Rajkali	Dwarika	Triyugi Prasad
6	Baijala	Kripa Shnker Tiwari	Rudra Prasad Tiwari	Kailash Pd. Srivastava Narain Tiwari	Sukhlal Ush Devi	Saraswati Archna Devi	Rattan	Bahdur
7	Kaithwal	Nanhku Ram	Sudhkar Prasad	Raja Ram Amar Nath	Ramakant Ram Babu	Chndra Kali Ash Devi	Girdhr Gopal	Doodhnath
8	Kihuni Kala	Ghnshyam	Bhuwar	Siddhnath	Phoolchnd	Shni Devi Savitri	Salik	Ramjatan
9	Pawari	Kamlakant Pandey	Surendra Kumar Shukla	Bholanath Pandey Gyan Chnd	Mohit Lal Sangeeta Devi	Nish Manju Devi	Roshn Lal	Bashudev
10	Kihuni Khurd	Pradeep	Indresh Kumar	Shrju Prasad Vishmbhrnath	Rajesh Nandlal	Suman Devi Ram Sawari	Vijay Shnker	Bhudh Sen
11	Chulari	Baijnath	Ashok Kumar	Ramashnker Ram Bahdur	Santosh Kumar Ush Devi	Raj Kumari Lalti devi	Ramsewak	Phool Chnd
12	Khouch Khs	Lalji Tiwari	Krishna Singh	Ganga Prasad Tiwari Gupteshwar Singh	Hre Ram Anita Devi	Ush Devi Geeta	Ram Lal	Bhuneshwar

13	Jamsot	Siya Ram Singh	Logpati Tiwari	Prabh Shnker Tiwari Jagdish Prasad Singh	Saroj Devi Parchu Lal	Guddi Devi RamKali	Hri Lal	Ram Bahdur
14	Siki Khurd	Babali	Shyam Narain	Sita Saran Ram Chndra	Amrit Lal Sohn Lal	Raj Kali Chhli Kali	Jamuna	Kallu
15	Chndkhmaria	Manoj Kumar	Ramavtar	Rakesh Kumar Mauji Lal	Pushpa Devi Prema Devi	Son Kali Rita Devi	Kanhiya Lal	Ramjag
16	Patehra	Sheokali	Manchnd	RamLakhn Terashu Ram	Manoj Kumar Daya Ram	Ratan Devi Saroj Devi	Sant Lal	Tribhuwan
17	Mojara	Gulab Singh	Raj Dev	Shiv Prasad Singh Sri Ram	Ram Sajeewan Tez Bali	Sonpati Doulat Devi	Dev Shran	Murli
18	Sirhir	Gama Prasad	Rambali	Samarjeet Raj Kumar	Raj Kumari Rekh Devi	Subh Devi Sunita	Ram Siromani	Tedai
19	Siloudhi Kala	Santosh Kumar	Shyam Lal		Shil Devi Pooja Devi	Sunita Devi Raj Kumari	Rakesh Kumar	Tulsi Ram

**Table 4.6: Details of Self Help Groups (SHGs) in the project area
Project- IWMP II**

District – Allahbad

Sr. No.	Name of micro watershed	Name of village	Name of group	Date of constitution	Name of Adhyaksh	Name of Sachiv	Total No. of Members				Name of Bank and Address Account No. & Date	Up to date Saving Rs.	Group activities
							Women	Sc/St	Other	Total			
1	Baijala (2A7D2d2b)	Baijalai	Radhye Shyam	20-12-11	-	-	4	4	-	08	Under process	500	Poultry
2	“	Baijalai	Gopal ji	15-12-11	-	-	06	04	-	10	-do-	900	Goatri
3	“	Baijalai	Ganga	17-12-11	-	-	04	04	-	08	-do-	800	Tailoring
4	“	Baijalai	Bajrangi	19-12-11	-	-	-	04	06	10	-do-	1900	Carpentry
5	“	Baijalai	Sai Ram	25-12-11	-	-	04	-	03	07	-do-	1800	Candle Making
6	“	Baijalai	Baba	28-12-11	-	-	-	04	06	10	-do-	2600	Diary
7	“	Baijalai	Radhye	-	-	-	08	04	-	12	-do-	3100	Agarbatti
8	“	Baijalai	Gopalji	-	-	-	-	02	08	10	-do-	700	Dairy
9	“	Baijalai	Ganga	-	-	-	08	03	-	11	-do-	900	Goatri
10	“	Baijalai	Bajrang Bali	-	-	-	10	04	-	14	-do-	600	Varmi Composite
11	“	Baijalai	Sai Ram	-	-	-	12	02	-	14	-do-	1300	Tailoring
12		Baijala	Ush Devi	00	Smt Kala Devi	Smt Raj kali	07	03	-	10	-do-	1100	Goatri
13		Baijala	Sahmat	00	Sri Shuk lal	Sri Pappu	-	06	06	12	-do-	1230	Goatri
14		Kaithwal	Akansh	00	Sri Ram chnd	Sri Govind Prasad	-	05	07	12	-do-	1600	Namkeen Production
15		Kundari	Ash	00	Sri Komal	Sri Rakesh	-	06	08	14	-do-	2500	Spices Grinding
16	Kihuni Khurd (2A7D2d2c)	Kihuni Kala	Shree Radhye	08-11-11	-	-	08	04	-	12	-do-	3800	Candle Making
17	“	Kihuni Kala	Hri Om	14-11-11	-	-	-	07	04	11	-do-	600	carpentry
18	“	Kihuni Kala	Jay Shiv	19-11-11	-	-	10	06	-	16	-do-	2800	Goatri
19	“	Kihuni Kala	Gramya	28-11-11	-	-	10	04	-	14	-do-	2500	Poultry
20	“	Kihuni Kala	Jay Bhole	25-11-11	-	-	07	05	-	12	-do-	1900	Candle Making

21	“	Kihuni Kala	Narendra	27-12-11	-	-	-	08	03	11	-do-	1600	Dairy
22	“	Kihuni Kala	Shree Radhye Radhye	-	-	-	10	06	-	16	-do-	500	Tailoring
23	“	Kihuni Kala	Hri Om	-	-	-	08	04	-	12	-do-	1500	Candle Making
24	“	Kihuni Kala	Jay Shiv	-	-	-	08	03	-	11	-do-	900	Varmi Composite
25	“	Kihuni Kala	Gramya	-	-	-	-	10	05	15	-do-	800	Poultry
26	“	Kihuni Kala	Jay bhole	-	-	-	-	08	02	10	-do-	700	Dairy
27	“	Kihuni Kala	Pragati	00	Sri vijay Shnkar	Sri Buddh Sen	-	06	09	15	-do-	1600	goatri
28	“	Kihuni Kala	Sani	00	Smt Sani	Smt Amrawati	10	05	-	15	-do-	500	Knitting
29	Nivi (2A7D2f1a)	Nivi	Hri Shnkar	08-10-11	-	-	08	04	-	12	-do-	900	Tailoring
30	“	Nivi	Shiva	12-10-11	-	-	10	03	-	13	-do-	1500	Goatry
31	“	Nivi	Satyam	14-10-11	-	-	09	05	-	14	-do-	300	Poultry
32	“	Nivi	Nibi	15-10-11	-	-	-	06	04	10	-do-	2200	Carpentry
33	“	Nivi	Deepak	18-10-11	-	-	06	04	-	10	-do-	1600	Candle Making
34	“	Nivi	BahuRam	19-12-11	-	-	-	10	05	15	-do-	3500	Dairy
35	“	Nivi	Hri Om	28-11-11	-	-	-	06	05	11	-do-	1900	Dairy
36	“	Nivi	NeelKhnt	29-11-11	-	-	-	06	04	10	-do-	600	Carpentry
37	“	Nivi	Navyug	00	Sri Dhrmendra Kumar	Sri lav Kush	4	3	3	10	-do-	3200	Dairy Work
38	“	Nivi	Laxmi SHG	00	Smt Amravati	Smt Jareena	4	6	-	10	-do-	3000	Knitting
39	“	Leriyari	Srijan	00	Sri Santosh Kumar	Sri Gulab Chnd	-	06	04	10	-do-	1900	Agarbati
40	“	Chular	Dr Ambedkar	00	Sri santosh kumar	Sri ram Sajeewan	-	08	03	11	-do-	1550	Agrabatti
41	“	Chular	Mata Kali	00	Smt Ush Devi	Smt Panau Devi	10	4	-	14	-do-	700	Goatri
42	Chnd Khmaria (2A7D2d3c)	Chnd Khmaria	Jay Shiv	08-10-11	-	-	09	04	-	13	-do-	1350	Goatry
43	“	Chnd	Dev	11-10-11	-	-	10	05	-	15	-do-	900	Poultry

		Khmaria											
44	“	Chnd Khmaria	Prem	13-10-11	-	-	10	04	-	14	-do-	480	Poultry
45	“	Chnd Khmaria	Yamuna	15-10-11	-	-	-	07	05	12	-do-	1680	Carpentry
46	“	Chnd Khmaria	Sri satya sai	17-10-11	-	-	-	06	04	10	-do-	360	Carpentry
47	“	Chnd Khmaria	Anil	19-10-11	-	-	-	10	06	16	-do-	1000	Dairy
48	“	Chnd Khmaria	Kapoor	21-10-11	-	-	-	08	06	14	-do-	100	Dairy
49	“	Chnd Khmaria	Shilendra	23-10-11	-	-	-	07	05	12	-do-	350	Carpentry
50	“	Chnd Khmaria	Pushpa	00	Smt Pushpa Devi	Smt Prema Devi	10	3	-	13	-do-	600	Goatri
51		Patehra	Shiv Shkti	00	Sri anuj	SriRamvaran	-	06	04	10	-do-	2000	Spices Grinding
52		Patehra	Arti	00	Smt Shyam kali	Smt Ratan Devi	10	06	-	16	-do-	1000	Knitting
53		Majora	Gandhi	00	Sri sanjeev	Sri Sale Gram	-	11	04	15	-do-	500	Food Prossing
54	Kathwal (2A7D2e3d)	Kathwal	Narayan	10-11-11	-	-	-	09	06	15	-do-	1800	Carpentry
55	“	Kathwal	Om	13-10-11	-	-	08	05	-	12	-do-	1920	Candle Making
56	“	Kathwal	Shiv Shnkar	08-10-11	-	-	10	05	-	15	-do-	600	Tailoring
57	“	Kathwal	Jay Shnkar	15-11-11	-	-	-	06	06	12	-do-	2400	Carpentry
58	“	Kathwal	Narangi	17-11-11	-	-	-	07	05	12	-do-	420	Carpentry
59	“	Kathwal	Umesh	17-11-11	-	-	10	05	-	15	-do-	400	Candle Making
60	“	Kathwal	Narayan	-	-	-	10	05	-	15	-do-	500	Candle making
61	“	Kathwal	Om	-	-	-	10	05	-	15	-do-	780	Tailoring
62	“	Kathwal	Shiv Shnkar	-	-	-	-	10	03	13	-do-	960	Dairy
63	“	Kathwal	Jay Shnkar	-	-	-	08	05	-	13	-do-	1500	Goatry
64	“	Kathwal	Sangam	-	-	-	10	05	-	15	-do-	1400	Making cardboard Box
65	“	Kolasara	Shnkar Dal	00	Sri Chndrama	Sri Mohit Kumar	-	4	6	10	-do-	2300	Mombatti
66	“	Baghol	Ash	00	Smt Ramrati	Smt Suryakali	08	2	-	10	-do-	2600	Mombatti

67	“	Baghol	Vikas	00	Sri Mahendra	Sri Indra lal	-	4	6	10	-do-	1200	Goatri
68	“	Behrath	Shkti	00	Sri Krishn lal	Sri tej pratap singh	-	4	6	10	-do-	900	Goatri
69	Pawari (2A7D2d2d)	Pawari	Bhwani	16-12-11	-	-	08	04	-	12	-do-	400	Goatry
70	“	Pawari	Jay Maa kali	25-11-11	-	-	07	04	-	11	-do-	700	Candle Making
71	“	Pawari	Sangeeta Devi	08-12-11	-	-	07	07	-	14	-do-	630	Tailoring
72	“	Pawari	Ganga	09-12-11	-	-	09	06	-	15	-do-	300	Candle Making
73	“	Pawari	Ramji	18-11-11	-	-	10	04	-	14	-do-	500	Candle Making
74	“	Pawari	Rangnath	20-12-11	-	-	-	10	04	14	-do-	1000	Dairy
75	“	Pawri	BrijLal	23-12-11	-	-	10	05	-	15	-do-	280	Goatri
76	“	Pawari	Jay	-	-	-	08	04	-	12	-do-	750	Poultry
77	“	Pawari	Dev	-	-	-	09	05	-	14	-do-	900	Candle making
78	“	Pawari	Prem	-	-	-	08	06	-	14	-do-	1000	Goatry
79	“	Pawari	Yamuna	-	-	-	07	06	-	13	-do-	900	Poultry
80	“	Pawari	Sri satya sai	-	-	-	08	05	-	13	-do-	2500	Agarbatti making
81	“	Pawari	Shiv shkti	00	Sri Mohit lal	Sri Sewak lal	-	09	07	16	-do-	1000	Mombatti
82	“	Pawari	Roopa	00	Smt mona Devi	Smt roopa devi	06	03	04	13	-do-	2500	knitting
83	“	Pawari	Sangeeta devi	00	Smt sangeeta Devi	Smt Prem kali	10	04	-	14	-do-	2000	Potato chips
84	“	Khouch Khs	Suraj	00	Sri hre ram	Sri Prabhu Narayan	-	06	08	14	-do-	850	Namkin production

(M – Male, F – Female)

Note: At present 85 SHG constituted in the gram panchyats. In the project total 248 SHG will be made for better livelihood improvent in the watershed area. Remaining SHG will be constructed in current year and budget is available for the activities proposed. Remaining 163 SHG will be made on participary mode in due time of Micro-watershed development programme.

4.2: Details of Formation of User Groups (UGs)

User Groups were formed on the basis of beneficiaries of different natural resource conservation activities to be constructed in the watershed. The location of the activities/group mentioned in Table 4.7 can be seen on the proposed plan available in the map section.

Table 4.6: Micro-watershed wise details of User Groups in IWMP-IIAllahbad

S. N.	Name of Water Shed	Name of Village	Name of group	Date of constitution	Name of Adhyakash	Name of Sachive/ Treasurer	Total No of member				Name of bank & Address	user chrges	Group Activitiy	Status of user Agreement
							women	sc/st	Other	Total				
1	Chand Khamarihia (2A7D2d 3c),	Chand Khamarihia r	CD15	10/10/2011	-	-	1	1	5	7	Under Process	Rs 14/Hrs	Irrigation	Done
			CD16		-	-	0	2	4	6	Under Process	Rs 14/Hrs	Irrigation	Done
			CD17		-		-	0	0	0	Under Process	Rs 14/Hrs	Rs 14/Hrs	Done
			CD8		-	-	1	3	4	8	Under Process	Rs 14/Hrs	Irrigation	Done
		Khoonta	CD19	10/11/2011	-	-	0	0	5	5	Under Process	Rs 14/Hrs	Irrigation	Done
			CD20		-	-	1	1	4	6	Under Process	Rs 14/Hrs	Irrigation	Done
			CD21		-	-	1	1	5	7	Under Process	Rs 14/Hrs	Irrigation	Done
			CD1		-	-	0	0	10	10	Under Process	Rs 14/Hrs	Irrigation	Done
			CD2		-	-	0	3	3	6	Under Process	Rs 14/Hrs	Irrigation	Done
			CD3		-	-	0	0	0	0	Under	Rs 14/Hrs	Irrigation	Done

											Process			
			CD4		-	-	1	0	5	6	Under Process	Rs 14/Hrs	Irrigation	Done
			CD5		-	-	0	2	5	7	Under Process	Rs 14/Hrs	Irrigation	Done
			CD6		-	-	1	2	5	8	Under Process	Rs 14/Hrs	Irrigation	Done
		Shekhpur Bulda	CD7		-	-	1	2	4	7	Under Process	Rs 14/Hrs	Irrigation	Done
						Total	7	17	59	83				

S. N.	Name of Water Shed	Name of Village	Name of group	Date of constitution	Name of Adhyakash	Name of Sachiv/ Treasurer	Total No of member				Name of bank & Address	user chrges	Group Activitiy	Status of user Agreement
							women	sc/st	Other	Total				
2	Kuhuni Kala (2A7D2d2c)	Kihuni Khurd	CD1		-	-	0	1	2	3	Under Process	Rs 14/Hrs	Irrigation	Done
			CD2		-	-	0	0	4	4	Under Process	Rs 14/Hrs	Irrigation	Done
			CD3		-	-	0	2	3	5	Under Process	Rs 14/Hrs	Irrigation	Done
			CD4		-	-	0	2	2	4	Under Process	Rs 14/Hrs	Irrigation	Done
			CD5	10/10/2011	-	-	0	0	4	4	Under Process	Rs 14/Hrs	Irrigation	Done
			CD6	10/10/2011	-	-	0	0	4	4	Under Process	Rs 14/Hrs	Irrigation	Done
			CD7		-	-	0	1	3	4	Under Process	0	Crop Production	Done
			PB7		-	-	1	1	3	5	Under Process	0	Crop Production	Done

			PB8		-	-	1	0	4	5	Under Process	0	Crop Production	Done
		Kihuni Kala	CD8		-	-	1	0	3	4	Under Process	Rs 14/Hrs	Irrigation	Done
			SB2		-	-	1	0	3	4	Under Process	Rs 14/Hrs	Irrigation	Done
			PB15		-	-	0	0	4	4	Under Process	Rs 14/Hrs	Irrigation	Done
			PB16	10/10/2011	-	-	0	1	9	10	Under Process	Rs 14/Hrs	Irrigation	Done
			PB15		-	-	0	1	2	3	Under Process	Rs 14/Hrs	Irrigation	Done
			PB17		-	-	1	0	4	5	Under Process	Rs 14/Hrs	Irrigation	Done
			CD7		-	-	0	0	4	4	Under Process	Rs 14/Hrs	Irrigation	Done
			CD8		-	-	0	0	5	5	Under Process	Rs 14/Hrs	Irrigation	Done
			Check Daim 1		-	-	0	0	5	5	Under Process	Rs 14/Hrs	Irrigation	Done
			Check Daim 2		-	-	0	0	5	5	Under Process	Rs 14/Hrs	Irrigation	Done
		Kaithwal	CD 4		-	-	2	1	7	10	Under Process	Rs 14 / hrs	Irrigation	Done
			SB 3 & MB 24		-	-	1	2	8	11	Under Process	Rs 14 / hrs	Irrigation	Done
							Total	5	9	73	87	Under Process	Rs 14 / hrs	Irrigation

S. N.	Name of Water Shed	Name of Village	Name of group	Date of constitution	Name of Adhyakash	Name of Sachiv/ Treasurer	Total No of member				Name of bank & Address	user chrges	Group Activitiy	Status of user Agreement
							women	sc/st	Other	Total				
3	Pawari (2A7D2d2d)	Khouch	SB 1	-	-	-	0	0	10	10	Under Process	Rs 14/Hrs	Irrigation	Done
			SB 2	-	-	-	0	0	11	11	Under Process	Rs 14/Hrs	Irrigation	Done

		Pawari	SB 3	-	-	-	0	0	10	10	Under Process	Rs 14/Hrs	Irrigation	Done	
			SB 4	-	-	-	0	0	6	6	Under Process	Rs 14/Hrs	Irrigation	Done	
			SB 5	-	-	-	0	0	5	5	Under Process	Rs 14/Hrs	Irrigation	Done	
			SB 6	-	-	-	2	2	6	10	Under Process	Rs 14/Hrs	Irrigation	Done	
			CD 7				2	0	4	6	Under Process	Rs 14/Hrs	Irrigation	Done	
			CD 8				2	0	2	4	Under Process	Rs 14/Hrs	Irrigation	Done	
			CD 9				1	0	9	10	Under Process	Rs 14/Hrs	Irrigation	Done	
			CD 10				0	0	6	6	Under Process	Rs 14/Hrs	Irrigation	Done	
			CD 11				0	0	5	5	Under Process	Rs 14/Hrs	Irrigation	Done	
			CD 12				0	0	5	5	Under Process	Rs 14/Hrs	Irrigation	Done	
			Jamsot & Kihuni Kala	MB6				9	3	5	17	Under Process	Rs 14/Hrs	Irrigation	Done
				MB 7 &8				0	0	10	10	Under Process	Rs 14/Hrs	Irrigation	Done
		SB 7 & 8					0	0	5	5	Under Process	Rs 14/Hrs	Irrigation	Done	
		SB 4 & 5					0	0	10	10	Under Process	Rs 14/Hrs	Irrigation	Done	
		SB 1 to 3					0	1	10	11	Under Process	Rs 14/Hrs	Irrigation	Done	
						Total	18	7	126	151					

S. N.	Name of Water Shed	Name of Village	Name of group	Date of constitution	Name of Adhyakash	Name of Sachiv/ Treasurer	Total No of member				Name of bank & Address	user chrges	Group Activitiy	Status of user Agreement
							women	sc/st	Other	Total				
4	Baijala (2A7D2d2b)	Baijala Baghol Kihuni Khurd	CD5	17/11/2010	-	-	1	4	2	7	Under Process	Rs 14/Hrs	Irrigation	Done
			CD6		-	-		0	0	0	Under Process	Rs 14/Hrs	Irrigation	Done
			CD2		-	-	1	0	3	4	Under Process	Rs 14/Hrs	Irrigation	Done
			CD3		-	-	1	0	4	5	Under Process	Rs 14/Hrs	Irrigation	Done
			CD4		-	-	1	0	5	6	Under Process	Rs 14/Hrs	Irrigation	Done
			CD1				2	2	3	7	Under Process	Rs 14/Hrs	Irrigation	Done
			CD2		-	-	1	0	3	4	Under Process	Rs 14/Hrs	Irrigation	Done
			CD3		-	-	0	0	5	5	Under Process	Rs 14/Hrs	Irrigation	Done
			CD1		-	-	2	0	3	5	Under Process	Rs 14/Hrs	Irrigation	Done
			PB16		-	-	0	0	3	3	Under Process	0	Crop Production	Done
			PB17		-	-	2	0	4	6	Under Process	0	Crop Production	Done
			PB21		-	-	1	0	3	4	Under Process	0	Crop Production	Done
			PB22		-	-	2	0	5	7	Under Process	0	Crop Production	Done
								Total	14	6	43	63		

S. N.	Name of Water Shed	Name of Village	Name of group	Date of constitution	Name of Adhyakash	Name of Sachiv/ Treasurer	Total No of member				Name of bank & Address	user chrges	Group Activitiy	Status of user Agreement
							women	sc/st	Other	Total				
5	Kaithwal (2A7D2e3d)	Kudri Bhrat 1	CD4	26/9/11	matabadal	shyamlal	2	11	0	13	Under Process	Rs 14/Hrs	Crop Production	Done
			CD3		-	-	2	6	5	13	Under Process	Rs 14/Hrs	Irrigation	Done
			CD2		-	-	3	8	0	11	Under Process	Rs 14/Hrs	Crop Production	Done
			CD1		-	-	0	11	0	11	Under Process	Rs 14/Hrs	Animal husbandry	Done
		Kaithwal	SB 1	30/8/11			0	2	8	10	Under Process	Rs 14/Hrs	Animal husbandry	Done
			SB 9	30/8/11			1	3	7	11	Under Process	Rs 14/Hrs	Crop Production	Done
			CD5	30/8/11			6	10	4	20	Under Process	Rs 14/Hrs	Goat	Done
							Total	14	51	24	89			

S. N.	Name of Water Shed	Name of Village	Name of group	Date of constitution	Name of Adhyakash	Name of Sachiv/ Treasurer	Total No of member				Name of bank & Address	user chrges	Group Activitiy	Status of user Agreement
							women	sc/st	Other	Total				
6	Nibi (2A7D2f1a)	Chelari	CD1	17/12/10	-	-	2	1	5	8	Under Process	Rs 14/Hrs	Irrigation	Done
		Lodiyar	CD6	17/12/10	-	-	1	6	2	9	Under Process	Rs 14/Hrs	Irrigation	Done
		Devhut	CD3,4 & 11	17/12/10	-	-	0	4	2	6	Under Process	Rs 14/Hrs	Irrigation	Done
		Nibi	CD 9	18/12/10	-	-	0	2	6	8	Under Process	Rs 14/Hrs	Crop Production	Done
		Nibi	CD 10	18/12/10	-	-	0	3	8	11	Under Process	Rs 14/Hrs	Crop Production	Done
		Nibi	PB8,9,10,11	18/12/10	-	-	0	2	8	10	Under Process	Rs 14/Hrs	Crop Production	Done
							Total	3	18	31	52			

(M – Male, F – Female)

Total 94 user groups constructed on the basis of activities of water development and crops production.

4.3 Convergence in IWMP-II Allahbad

Several programmes are running in the area which are sponsored by Central and State Govt. and could be converged with watershed programmes. Some of them are listed in Table 4.9. The details of the activities to be carried out under convergence in the project are mentioned in Chapter 5. However, micro-watershed wise amount of convergence is mentioned in Table 4.10.

Table 4.8: 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	Training Programme / Capacity Building	Agriculture Deptt., KVK	Capacity building of the farmers
3	National Horticulture Mission (NHM)	Horticulture Deptt.	Increasing the area under fruits and vegetables
4	MGNERGA (Bunding, Farm Pond, Adarsh Jalashy, Blast well, Chkroad, etc.)	Gram Panchyat	To provide work to the all village personnel under the rojgar guarantee yojana

Table 4.9: Details of Convergence of IWMP with other Schemes in IWMP-II Allahbad (Rs. In Lakh)

S.N.	Name of Micro Watershed	Name of Departments with Schemes converging with IWMP	Fund made available to convergence (Rs. In lakh.)	Was this fund included in Rs. 12'000/15,000 Per h.		Name of activity/ Task/structure undertaken with converged funds (a) Structures (b) livelihoods (c) Any other (pl. specify)#	Reference no of activity/task/structure in DPR@	Level at which decision for convergence was taken\$
				Yes	No			
1	Chand Khamarihia (2A7D2d3c)	MGNREGA	13.76	Additional to the cost of Rs. 6720 /h		SB, FB, CB, PB, MB, Drop Spill Way / Checkdam	Included in the DPR	District Level
2	Kuhuni Kala (2A7D2d2c)	MGNREGA	11.58					
3	Pawari (2A7D2d2d)	MGNREGA	25.50					
4	Baijala (2A7D2d2b)	MGNREGA	35.23					
5	Kaithwal (2A7D2e3d)	MGNREGA	9.26					
6	Nibi (2A7D2f1a)	MGNREGA	32.52					
	Total		127.85					

CHAPTER - 5

MANAGEMENT/ACTION PLAN

The details of Preparatory Phse, Works Phse and Convergence planning are described in subsequent section Chand Khamarihia (2A7D2d3c), Kuhuni Kala (2A7D2d2c), Pawari (2A7D2d2d), Bajjala (2A7D2d2b), Kaithwal (2A7D2e3d) and Nibi (2A7D2f1a)

5.1 Entry Point Activities (EPA)

Entry point activities were executed with the consent of stake holders and it helped in winning the confidence of the villagers for moving ahead the other programmes of watershed. In total 32 EPA activities were executed in the project area which costed Rs. 2197400

Name of PIA	Name of Project	Year	Name of Block	Name of project/ Name of village	Code of project	E.P.A cost in lakh		Cost in lakh	
2	3	4	5	6	7	8	9	10	11
LDWR, Kaushmbi, Allahbad-II	IWMP-II	2009-10	Meja & Kraon	Chand Khamarihia	(2A7D2d3c)	4.09	04 Well repairing, 03 Chbutara construction, Culvert construction	4.09	-
				Kuhuni Kala	(2A7D2d2c)	2.36	04 Public well repairing, 01 Chbutara ocntruction	2.36	-
				Pawari	(2A7D2d2d),	2.13	03 Public well repairing, 05 Public well reaping with Soakpit construction , School Boundary construction	2.13	-
				Bajjala	(2A7D2d2b),	2.04	01 Public well repairing, 02 Public well repairing with soakpit construction and 01 Chbutara construction	2.04	-
				Kaithwal	(2A7D2e3d)	1.63	Chbutara with stairs construction and one public well repairing	1.63	-
				Nibi	(2A7D2f1a)	4.65	Kundari Bhrat public well repairing and 02 public well repairing	4.65	-
Total						16.89		16.89	





Entry Point Activities (EPA)

5.2 Works Phse

Following are the major problems of the watersheds

- Water scarcity both for drinking as well as irrigation
 - Excess runoff and soil loss
- Low water holding capacity of the soil
- Low productivity of crops
 - Low fertility of soil
 - Low cropping intensity
 - Lack of technical knowledge
 - *Anna Prath* (let loose system of cattle)
 - Poor vegetative cover
 - Poor/low productive breeds of miltch animals
 - Lack of feed & fodder availability
 - Non availability of wood/fuel
 - Lack of proper market facilities
 - Low income of the households
 - Lack of employment opportunity.

Estimation of Runoff from the Watershed

Runoff from the watershed is estimated by Curve Number method of the Soil Conservation Service of the USDA using 18 years data (1990-2009) with a gap of 2005 and 2006). It is estimated tht runoff potential of the project area is 336 mm, equivalent to 71 per cent of average annual rainfall. Expected runoff and soil loss from the project area are depicted Table 5.1.

Table 5.1: Runoff and soil erosion in the project area (IWMP-IIAllahbad)

Sr. No.	Name of Micro Watershed	Cause	Type of erosion	Area affected (h)	Run off (mm/ year)	Average Soil Loss (Tonnes/ h/ year)	
1	Chand Khamarihia (2A7D2d3c)	Water erosion					
		a	Sheet	136.32	320	22.80	
		b	Rill	613.44			
		c	Gully	102.24			
		Total			852		
2	Kuhuni Kala (2A7D2d2c)	Water erosion					
		a	Sheet	127.92	320	22.80	
		b	Rill	305.04			
		c	Gully	59.04			
		Total			492		
3	Pawari (2A7D2d2d)	Water erosion					
		a	Sheet	124.04	326	22.80	
		b	Rill	239.22			
		c	Gully	79.74			
		Total			443		
4	Bajjala (2A7D2d2b)	Water erosion					
		a	Sheet	161.50	322	22.80	
		b	Rill	204.00			
		c	Gully	59.50			
		Total			425		
5	Kaithwal (2A7D2e3d)	Water erosion					
		a	Sheet	94.92	328	22.80	
		b	Rill	196.62			
		c	Gully	47.46			
		Total			339		
6	Nibi (2A7D2f1a)	Water erosion					
		a	Sheet	271.04	332	22.80	
		b	Rill	561.44			
		c	Gully	135.52			
		Total			968		

3b. Area proposed for irrigation	h	-	-	-	-	-	-	-	-	-	-	-
4. Well recharging unit	No	-	-	-	-	-	-	-	-	-	-	-
4a. Expected Volume of Recharge	m.	-	-	-	-	-	-	-	-	-	-	-
4b-Expected irrigated area to be increased (only one irrigation)	h	-	-	-	-	-	-	-	-	-	-	-
C- Drainage Line Treatment												
Upper reaches												
1. Vegetative / Brush wood checks	No.	-	-	-	-	-	-	-	-	-	-	-
2. Field Drainage Structure	No.	18	5.50	-	-	20	5.02	18	5.760	8	2.45	-
3. Gabion structures	No (each 3 m.)	-	-	-	-	-	-	-	-	-	-	-
4. Water Harvesting Bund with surplushing structure	No.	-	-	-	-	-	-	-	-	-	-	-
4a-Water storing capacity	m.	-	-	-	-	-	-	-	-	-	-	-
4b. Area proposed for irrigation by WHB	h	-	-	-	-	-	-	-	-	-	-	-
Middle reaches												
1. DSW structures	No.	-	-	-	-	-	-	-	-	-	-	-
2. Gabion structures.	No.	-	-	-	-	-	-	-	-	-	-	-
3. Sunken Pond (Kadahi Tal) /	No.	-	-	-	-	-	-	-	-	-	-	-
4. WHB/CD with surplushing structure	No	-	-	-	-	-	-	-	-	-	-	-
4a-Water storing capacity	m.	-	-	-	-	-	-	-	-	-	-	-
4b-Area proposed for irrigation by WHB	h	-	-	-	-	-	-	-	-	-	-	-
Lower reaches												
1. DSW/Checkdam Structure	No.	-	-	-	-	-	-	-	-	-	-	-
2. Gabion structures.	No.	-	-	-	-	-	-	-	-	-	-	-
3. Percolation Tank.	No.	-	-	-	-	-	-	-	-	-	-	-
4. Gully Plug / Nala Bund / Earthen Checkdam with Pucca	m m	21700	9.62	6410 15282	2.84 11.58	13353	5.92	14490	6.42	11551	5.12	-
4a- Water storing capacity	m	-	8580	-	15450	-	11500	-	8620	-	6800	-
4b- Area proposed for irrigation by Nala Bund		-	12.50	-	15.80	-	10.80	-	7.50	-	6.60	-
Total -	Cmt / No.	120326 / 24	71.01	69613 / 10	44.64	84809/ 24	55.27	76859 / 22	63.792	56555 / 11	32.04	32.04
Under IWMP-II			57.25		33.06		29.77		28.56		22.78	

II	Livelihood for landless People											
		No. of SHGs/ No. of beneficiaries										
	1. Goatary		10/100	2.50	5/50	1.25	4/40	1.00	3/30	0.81	2/20	0.50
	2. Back Yard Poultry	do	20/200	0.90	20/200	0.900	10/100	0.450	10/100	0.450	10/100	0.450
	3. Poultry (Broiler)	do	10/100	2.240	5/50	1.41	4/40	0.95	4/40	0.95	2/20	0.450
	4. Black Smithy	do	1/10	0.125	1/10	0.125	1/10	0.125	1/10	0.125	1/10	0.125
	5. Agarbatti Making	do	1/10	0.105	1/10	0.105	1/10	0.105	1/10	0.105	1/10	0.105
	6. Tailoring	do	1/10	0.250	1/10	0.250	1/10	0.250	1/10	0.250	1/10	0.250
	7. Repairing of Diesel Engine / Implements	do	1/10	0.150	1/10	0.150	1/10	0.150	1/10	0.150	1/10	0.150
	8. Vermi composting	do	7/70	1.68	2/20	0.370	4/40	1.000	4/40	1.000	4/40	0.88
	9. Fruit Processing	do	1/10	0.250	1/10	0.250	1/10	0.250	1/10	0.250	1/10	0.250
	10. Mini Dal Mill	do	1/10	0.250	1/10	0.25	1/10	0.25	1/10	0.25	1/10	0.25
	11. Mini flour Mill	do	1/10	0.250	1/10	0.25	1/10	0.25	1/10	0.25	1/10	0.25
	12. Mini Oil Expeller	do	1/10	0.250	-	-	-	-	-	-	-	-
	13. Carpentry	do	1/10	0.250	1/10	0.250	1/10	0.250	1/10	0.250	1/10	0.250
	Total		60/600	9.20	40/400	5.31	30/300	4.78	29/290	4.59	26/260	3.66
III	Agriculture Production System											
	A- Crop Demonstrations- (Crop Wise)											
	(1)SMC Area:											
		No. of farmers /Area (h)										
	1. Lentil (ICM)		20/8	0.288	10/4	0.144	10/4	0.144	10/4	0.144	10/4	0.144
	2. Chickpea (ICM)	No. of farmers /Area	16/6	0.330	12/6	0.330	12/6	0.330	12/6	0.330	6/3	0.165
	3. Field Pea (ICM)	No. of farmers /Area	16/6	0.345	12/6	0.345	12/6	0.345	12/6	0.345	6/3	0.1725
	4. Linseed (ICM)	No. of farmers /Area	24/12	0.36	12/6	0.18	12/6	0.18	12/6	0.18	12/6	0.18
	5. Mustard (ICM)	No. of farmers /Area	20/10	0.28	10/5	0.14	10/5	0.14	10/5	0.14	10/5	0.14
	6. Til (IPNM)	No. of farmers /Area	16/8	0.288	8/4	0.144	8/4	0.144	8/4	0.144	8/4	0.144
	7. Urd (ICM)	No. of farmers /Area	20/10	0.350	10/5	0.175	10/5	0.175	10/5	0.175	10/5	0.175
	8. Paddy (ICM)	No. of farmers /Area	20/8	0.376	20/8	0.376	20/8	0.376	20/8	0.376	10/4	0.188

9. Arhr (ICM)	No. of farmers /Area	20/10	0.30	10/5	0.15	10/5	0.15	10/5	0.15	10/5	0.15
10. Wheat	No. of farmers /Area	16/8	0.464	16/8	0.464	16/8	0.464	16/8	0.464	8/4	0.232
	Total	172/86	3.381	98/48	2.448	98/48	2.448	98/48	2.448	86/43	1.6905
2) Water Resource Area:											
B- Production of seeds											
		16/8	0.48	8/4	0.240	8/4	0.240	8/4	0.240	8/4	0.240
1. Lentil	No. of farmers /Area	16/8	0.20	8/4	0.10	8/4	0.10	8/4	0.10	8/4	0.10
2. Chickpea	No. of farmers /Area	20/10	0.666	10/5	0.333	10/5	0.333	10/5	0.333	10/5	0.333
3. Field Pea	No. of farmers /Area	8/4	0.32	4/2	0.16	4/2	0.16	4/2	0.16	4/2	0.16
4. Arhr	No. of farmers /Area	16/8	0.30	8/4	0.15	8/4	0.15	8/4	0.15	8/4	0.15
5. Mustard	No. of farmers /Area	8/4	0.04	4/2	0.02	4/2	0.02	0	0.02	0	0.02
6. Wheat	No. of farmers /Area	16/8	0.48	8/4	0.240	8/4	0.240	8/4	0.240	8/4	0.240
7. Til	No. of farmers /Area	8/4	0.02	4/2	0.01	4/2	0.01	0	0.01	0	0.01
8. Urd	No. of farmers /Area	16/8	0.10	8/4	0.05	8/4	0.05	8/4	0.05	8/4	0.05
Total		108/54	2.126	54/27	1.063	54/27	1.063	46/23	1.063	46/23	1.063
Total for Agriculture		280/140	5.507	250/125	4.959	250/125	4.959	258/129	4.959	132/66	2.7535
Agro forestry:-											
A. Scattered Plantation											
Species.....											
1- Aonla	No. of Plants	200	0.12	100	0.06	100	0.06	200	0.06	200	0.06
2- Ber	No. of Plants	200	0.10	100	0.05	100	0.05	200	0.05	200	0.05
3- Bael	No. of Plants	100	0.06	50	0.03	50	0.03	100	0.03	100	0.03
4 - Citrus spp..	No. of Plants	100	0.06	50	0.03	50	0.03	100	0.03	100	0.03
5. Guava	No. of Plants	200	0.12	100	0.06	100	0.06	200	0.06	200	0.06
B. Agri-Horticultural System											
Species											
1- Aonla	Area in h	6.00	0.794	1.0	0.240	1.0	0.240	2.0	0.240	2.0	0.240
2- Ber	Area in h	2.0	0.448	-	-	-	-	2.0	-	2.0	-
5. Guava	Area in h	2.50	0.584	-	-	-	-	1.25	-	1.25	-
Total		800/ 10.50	2.286	400/ 1.0	0.47	400/ 1.0	0.47	800/	0.47	800/	0.47

									5.25		5.25	
Live Stock Management												
A. Rearing of Milch cattle-												
1- Cow	No. of Units / Farmers	60/88	0.01	60/88	0.01	60/88	0.01	60/88	0.01	60/88	0.01	60/88
2- Buffaloes	No. of Units / Farmers	2/2	0.24	2/2	0.24	2/2	0.24	2/2	0.24	2/2	0.14	2/2
3- Goatry	No. of Units / Farmers	384/35	0.02	384/35	0.02	384/35	0.02	402/38	0.02	402/38	0.02	402/38
4- Poultry	No. of Units / Farmers	10/10	-	10/10	-	10/10	-	10/10	-	10/10	-	10/10
5- Broiler	No. of Units / Farmers	5/5	0.24	5/5	0.24	5/5	0.24	5/5	0.24	5/5	0.12	5/5
6- Layers	No. of Units / Farmers	5/5	0.24	5/5	0.24	5/5	0.24	5/5	0.24	5/5	0.24	5/5
7- Piggeries	No. of Units / Farmers	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
8- Fisheries	No. of Units / Farmers	2/4	0.18	2/4	0.18	2/4	0.18	2/4	0.18	2/4	0.18	2/4
9- Dairy	No. of Units / Farmers	10/2	0.20	10/2	0.20	5/1	0.10	8/2	0.10	8/2	0.10	8/2
10- Green Fodder	h/farmer	5/10	0.40	5/10	0.289	5/10	0.20	5/10	0.20	5/10	0.20	5/10
B. Veterinary Services/												
1- Vaccination/Medication	No. of Animals	1650	0.1435	890	0.04	890	0.04	904	0.04	904	0.04	904
2- Infertility Management	No. of Animals	1650	0.1435	890	0.04	890	0.04	904	0.04	904	0.04	904
3- Others	No. of Animals											
C. Live stock Improvement Measures												
1- Artificial Insemination	No. of Animals	650	0.36	350	0.18	350	0.08	291	0.08	362	0.08	362
2- Natural Service.	He Buffalo	1	0.25	1	0.24	1	0.24	1	0.24	1	0.24	1
Total Live stock management				2.427		1.919		1.299		1.079		1.079
Total for Ag. Production System				10.22		5.90		5.32		5.10		4.07

Cont.....Table 5.2:Micro watershed wise details of Watershed Development Activities proposed in IWMP-IIAllahbad

Sr. No.	Particular of Measures/Activities	Unit	Nibi (2A7D2f1a)		Total for IWMP-II	
		No., Length/ h, Volume	Qanty.	Cost	Qnty	Est. Cost
1	2	3	4	5	14	15
I	Soil & Water Conservation Measures					
	A- Moisture Conservation Measures					
	1. Field Bund	-	-	-	-	-
	2. Contour Bund (with Sodding)	L	-	-	25170	19.02
	3. Peripheral Bund (with Sodding)	cum.	33211	13.01	164453	63.59
	4. Marginal Bund (with Sodding)	cum.	49401	19.35	180003	72.24
	5. Submergence Bundhi (with Sodding)	cum. L	22067 12840	10.02 20.62	119453	90.722
	B- Water Resource Development					
	1. Tank/Pond	No	-	-		
	1a - Water storing capacity	cum.	-	-		
	1b- Area proposed for irrigation	h	-	-		
	2- ECD/ CD/DSW	cum./No	-	-		
	2a- Water storing capacity	cum.	-	-		
	2b- Area proposed for irrigation	h	-	-		
	3. Check Dam / Drop Spill Way	No.	3	7.86	24/18	31.812
	3a- Water storing capacity	cum.	-	8790		
	3b. Area proposed for irrigation	h	-	10.45		
	4. Well recharging unit	No	-	-		
	4a. Expected Volume of Recharge	cum.	-	-		
	4b-Expected irrigated area to be increased (only one irrigation)	h	-	-		
	C- Drainage Line Treatment					
	Upper reaches					
	1. Vegetative / Brush wood checks	No.	-	-		
	2. Field Drainage Structure	No.	3/ 25	13.75	3/ 89	32.48
	3. Gabion structures	No (each 3 cum.)	-	-		
	4. Water Harvesting Bund with surplusing structure	No.	-	-		
	4a-Water storing capacity	cum.	-	-		

	4b. Area proposed for irrigation by WHB	h	-	-		
	<u>Middle reaches</u>		-	-		
	1. DSW structures	No.	-	-		
	2. Gabion structures.	No.	-	-		
	3. Sunken Pond (Kadahi Tal) /	No.	-	-		
	4. WHB/CD with surplushing structure	No.	-	-		
	4a-Water storing capacity	cum.	-	-		
	4b-Area proposed for irrigation by WHB	h	-	-		
	<u>Lower reaches</u>		-	-		
	1. DSW Structure	No.	-	-		
	2. Gabion structures.	No.	-	-		
	3. Percolation Tank.	No.	-	-		
	4. Gully Plug / Nala Bund / Earthen Checkdam with Pucca	CMT	29225	12.96	112011	54.46
	4a- Water storing capacity	Cub. M	-	12800		
	4b- Area proposed for irrigation by Nala Bund		-	14.2		
	Total		146744 / 31	97.57		364.324
	Under IWMP-II			65.05		236.48
II	<u>Livelihood for landless People</u>					
	1. Goatary	No. of SHGs/ No. of beneficiaries	5/50	1.250	30/ 300	7.31
	2. Back Yard Poultry	do	20/200	0.900	90/ 900	4.05
	3. Poultry (Broiler)	do	6/60	1.500	33 / 330	6.500
	4. Black Smithy	do	1/10	0.125	6 / 60	0.750
	5. Agarbati Making	do	4/40	0.420	9/ 90	0.945
	6. Tailoring	do	1/10	0.250	6 60	1.500
	7. Repairing of Diesel Engine / Implements	do	4/40	0.505	9/90	1.255
	8. Vermi composting	do	12/120	3.000	35 / 350	7.930
	9. Fruit Processing	do	2/20	0.500	7/ 70	1.75
	10. Mini Dal Mill	do	2/20	0.500	7 / 70	1.75
	11. Mini flour Mill	do	2/20	0.500	7 / 70	1.75

	12. Mini Oil Expeller	do	2/20	0.500	3 /30	0.75
	13. Carpentry	do	2/20	0.500	7 / 70	1.750
	Total		63/630	10.45	248 / 2480	37.990
III	Agriculture Production System					
	(1)SMC Area:					
	1. Lentil (ICM)	No. of farmers /Area (h)	32/ 16	0.752	272 / 136	2.444
	2. Chickpea (ICM)	No. of farmers /Area	24/ 12	0.66	96 / 48	2.145
	3. Field Pea (ICM)	No. of farmers /Area	24/ 12	0.69	56 / 28	2.2425
	4. Linseed (ICM)	No. of farmers /Area	24/ 12	0.36	138 / 69	1.44
	5. Mustard (ICM)	No. of farmers /Area	20/ 10	0.28	96 / 48	1.12
	6. Til (IPNM)	No. of farmers /Area	16/ 8	0.288	56 / 28	1.152
	7. Urd (ICM)	No. of farmers /Area	20/ 10	0.35	80 / 40	1.4
	8. Sorghum (ICM)	No. of farmers /Area	16/ 8	0.288	64 / 32	1.152
	9. Arhr (ICM)	No. of farmers /Area	20/ 10	0.3	70 / 35	1.2
	10. Wheat	No. of farmers /Area	32/ 16	0.928	128 / 64	3.016
	(2) Water Resource Area:		228/ 114	4.896	1056 / 528	17.3115
	B- Production of seeds					
	1. Lentil	No. of farmers /Area	16/ 8	0.48	66 / 33	1.92
	2. Chickpea	No. of farmers /Area	20/ 10	0.666	80 /40	2.664
	3. Field Pea	No. of farmers /Area	8/ 4	0.32	28 / 14	1.28
	4. Linseed	No. of farmers /Area	16/ 8	0.3	64 / 32	1.2
	5. Mustard	No. of farmers /Area	8/ 4	0.04	24/ 12	0.16
	6. Wheat	No. of farmers /Area	16/ 8	0.2	64 / 32	0.8
	7. Til	No. of farmers /Area	8/ 4	0.02	24 / 12	0.08

8. Urd	No. of farmers /Area	16/ 8	0.1	64 / 32	0.4
Total		108/ 54	2.126	414 / 207	8.504
Total for Agriculture		398/198	7.022	1470 / 735	25.8155
Agro forestry:-					
A. Scattered Plantation					
Species.....					
1- Aonla	No. of Plants	500	0.3	1000	0.66
2- Ber	No. of Plants	500	0.25	1000	0.55
3- Bael	No. of Plants	250	0.15	500	0.33
4 - Citrus spp..	No. of Plants	250	0.15	500	0.33
5. Guava	No. of Plants	500	0.3	1000	0.66
Total		2000	1.15	4000	2.530
B. Agri-Horticultural System					
Species					
1- Aonla	Area in h	2.0	0.448	13.00	2.202
2- Ber	Area in h	2.0	0.448	10.00	0.896
5. Guava	Area in h	1.50	0.298	8.250	0.882
Total		2000/ 1.50	1.194	31.25	3.980
Live Stock Management					
A. Rearing of Milch cattle-					
1- Cow-	No. of Units / Farmers	60/88	0.01	420	0.06
2- Buffaloes-	No. of Units / Farmers	2/2	0.24	14 / 14	1.24
3- Goatry-	No. of Units / Farmers	384/35	0.02	2450	0.12
4- Poultry-	No. of Units / Farmers	10/10	-		
5- Broiler-	No. of Units / Farmers	5/5	0.24	32/32	1.2
6- Layers-	No. of Units / Farmers	10/10	0.464	32/32	1.664
7- Piggeries-	No. of Units / Farmers	0	0.00	00	00

	8- Fisheries -	No. of Units / Farmers	2/4	0.18	14 / 28	1.08
	9- Dairy -	No. of Units / Farmers	10/2	0.20	60	0.9
	10- Green Fodder	h/farmer	5/10	0.40	35/70	1.689
	Total		483/161	1.754		7.9530
	B. Veterinary Services/					
	1- Vaccination/Medication	No. of Animals	890	0.04	4650	0.08
	2- Infertility Management	No. of Animals	890	0.04	5640	0.3435
	3- Others	No. of Animals				
	Total		1780	0.08		0.4235
	1- Artificial Insemination	No. of Animals	356	0.18		0.96
	2- Natural Service.	He Buffalo	1	0.24		1.45
	Total		357	0.42		2.41
	Total Live stock management					
	Total for Ag. Production System			11.62		42.231
	Grand Total					316.701

Table 5.3: Gram Panchyat wise details of Watershed Development Activities proposed in IWMP-IIAllahbad

Sr. No.	Particular of Measures/Activities	Unit	Chand Khamarihia		Khoonta		Patehra		Kihuni Khurd		Kaithwal	
		No., Length/h, Volume	Qanty.	Cost	Qanty.	Cost	Qanty.	Cost	Qnty	Est. Cost	Qnty	Est. Cost
1	2	3	4	5	6	7	8	9	12	13	14	15
I	Soil & Water Conservation Measures											
	1. Contour Bund (with Sodding)	cum.	-	-	-	-	-	-	12350 8950	4.836 3.504	-	-
	2. Peripheral Bund (with Sodding)	cum.	43054	16.86	-	-	11240	4.402	15470 12560	6.058 4.918	4272	1.674
	3. Marginal Bund (with Sodding)	cum.	1166	4.567	-	-	-	-	25600	10.024	8130	3.184
	4. Submergence Bundhi (with Sodding)	cum.	42208	19.27	-	-	4200	1.6383	16890	6.614	4280	1.676
	5. Check Dam / Drop Spill Way	No.	-	-	02	3.0376			4	13.876	1	2.11
	6. Field Drainage Structure	No.	8	2.5243	-	-			18	5.760	16	2.489
	4. Gully Plug / Nala Bund / Earthen Checkdam with Pucca	CMT	11180	4.956	-	-			8690	3.852	4550	2.017
	Total -	Cmt / No.	97608/8	48.1773	2	3.0376	15440	6.403	100510 / 22	59.442	21232/	13.150

Condt.....Table 5.3: Garm Panchyat wise details of Watershed Development Activities proposed in IWMP-II Allahbad

Sr. No.	Particular of Measures/Activities	Unit	Bahraich		Baghol		Mahuli Kala		Panwari		Khonch	
		No., Length/h, Volume	Qanty.	Cost	Qanty.	Cost	Qanty.	Cost	Qnty	Est. Cost	Qnty	Est. Cost
1	2	3	4	5	6	7	8	9	12	13	14	15
I	Soil & Water Conservation Measures											
	1. Contour Bund (with Sodding)	cum.	-	-	2456	0.962	-	-	12600	4.934	-	-
	2. Peripheral Bund (with Sodding)	cum.	2560	1.003	3467	1.357	-	-	23490	9.199		
	3. Marginal Bund (with Sodding)	cum.	3450	1.351	1658	0.649	-	-	26700	10.456	14760	5.78
	4.Submergence Bundhi (with Sodding)	cum.	5670	2.220	-	-	32865	12.87				
	5. Check Dam / Drop Spill Way	No.	-	-	-	-			3	8.192		
	6. Field Drainage Structure	No.	6	1.113	-	-	10	3.200				
	4. Gully Plug / Nala Bund / Earthen Checkdam with Pucca	CMT			-	-			7869	3.488		
	Total -	Cmt / No.	11680/ 6	5.687	7581	2.968	32865 / 10	16.07	55566	36.269	14760	5.78

Sr. No.	Particular of Measures/Activities	Unit	Silholi Kala		Nibi		Kulsara		Lediaryi		Devhut	
		No., Length/h, Volume	Qanty.	Cost	Qanty.	Cost	Qanty.	Cost	Qnty	Est. Cost	Qnty	Est. Cost
1	2	3	4	5	6	7	8	9	12	13	14	15
I	Soil & Water Conservation Measures											
	1. Contour Bund (with Sodding)	cum.	4567	1.788	4578	1.792	-	-	2367	0.926	-	-
	2. Peripheral Bund (with Sodding)	cum.			18765	7.348	13500	5.287	12568	4.921	4272	1.674
	3. Marginal Bund (with Sodding)	cum.			12453	4.877	24568	9.621	6784	2.657	8130	3.184
	4.Submergence Bundhi (with Sodding)	cum.			12689	4.969	14800	5.795	12689	4.969	4280	1.676
	5. Check Dam / Drop Spill Way	No.			2	6.67	1	6.836			1	2.11

	6. Field Drainage Structure	No.				12	3.840			16	2.489
	4. Gully Plug / Nala Bund / Earthen Checkdam with Pucca	CMT			10560	4.681	7589	3.636		4550	2.017
	Total -	Cmt / No.	4567	1.788	59045/ 2	30.337	84257/ 15	33.799	34408	13.473	16.79

Sr. No.	Particular of Measures/Activities	Unit	Kurdi Bhrat		Jamuwa		Khoonta		Silholi Kala	
		No., Length/ h, Volume	Qanty.	Cost	Qanty.	Cost	Qanty.	Cost	Qnty	Est. Cost
1	2	3	4	5	6	7	8	9	12	13
I	Soil & Water Conservation Measures									
	1. Contour Bund (with Sodding)	cum.	2367	0.926	4578	1.792	2367	0.926	12350	4.836
	2. Peripheral Bund (with Sodding)	cum.	12568	4.921	18765	7.348	12568	4.921	15470	6.058
	3. Marginal Bund (with Sodding)	cum.	6784	2.657	12453	4.877	6784	2.657	-	-
	4. Submergence Bundhi (with Sodding)	cum.	9689	3.969	12689	4.969	12689	4.969	16890	6.614
	5. Check Dam / Drop Spill Way	No.			2	4.57			2	9.149
	6. Field Drainage Structure	No.							18	5.760
	4. Gully Plug / Nala Bund / Earthen Checkdam with Pucca	CMT			10560	4.681			8690	3.852
	Total -	Cmt / No.	31408	12.473	59045/ 2	28.237	34408	13.473	53400/ 20	16.97

Total = 364.34 lacs

CHAPTER - 6

CAPACITY BUILDING PLAN

The capacity building of various stake holders will be given very high priority as the watershed is to be developed in participatory mode. Capacity building initiative plays very important role in human resource development of model watershed to replicate and train other watershed resource persons. The capacity building initiatives include training to government officials, CBOs, farmers and PIAs through field days, hands-on trainings, exposure visits to successful watersheds, training materials and etc. Need-based specialized training courses will be conducted. The details of the training institutes for capacity building and training to stake holders on participatory watershed management are summarized in Table 6.1 and 6.2, respectively.

Table 6.1: List of identified training institutes for capacity building

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 assigned	No. of persons to be trained	Allocation to be made to the institute
1.	Krishi Vigyan Kendra	KVK, Naini, Allahbad	Programme Coordinator	Deemed Ag. University	Extension Agronomy Home Science Soil Science	16	800	Proposal with budget will be received
2.	National Research Center for Agro-Forestry	Gwalior Road, Jhnsi	Director	GOI, (ICAR)	Agro-forestry and NRM on watershed basis	16	800	-do-
3	District Gram Vikash Sansthn	Basnehta, Allahbad	Coordinator	State Govt.	Small scale	4	100	-do-
4	Indian Institute of Grass Land	Gwalior Road, Jhnsi	Director	GoI (ICAR)	Grasses and fodder	4	100	-do-
5.	C. S. A. University of Ag. & Tech, Kanpur	Kanpur	VC	Ag. University	Agriculture & Watershed Development	6	150	do
6.	Deemed University, Allahbad	Naini, Allahbad	VC	Ag. University	Ag. & Watershed Development	4	1500	do

		1 st year		2 nd year		3 rd year		4 th year		Total	
	MD	Physical	Financial	Physical	Financial	Physical	Financial	Physical	Financial	Physical	Financial
Capacity Building	2815	563	4.22	1126	8.4456	1126	8.4456			2815	21.11
(a) SLNA level	563	113	0.84	225	1.68912	225	1.68912			563	4.22
(b) District level	845	169	0.84	338	1.68912	338	1.68912			845	4.22
(c) WDT level	282	56	0.84	113	1.68912	113	1.68912			282	4.22
(d) WC level	1126	225	1.69	450	3.37824	450	3.37824			1126	8.45
(2) No. of total persons trained	5279	1056		2111		2111					
(a) SLNA level	132	26	0.26	53	0.52785	53	0.528	-	-	132	1.32
(b) District level	528	106	0.792	211	1.478	211	1.478	-	-	528	3.75
(c) WDT level	132	26	0.198	53	0.396	53	0.396	-	-	132	0.99
(d) WC level	4223	845	3.378	1689	5.912	1689	5.762	-	-	4223	15.05
Total											21.11

Table 6.2: Training to stakeholders on participatory watershed management

Sl. No.	Client Group	Title of the Programme/Duration/ Time	Objectives	Coverage/Topics	Training Methodology	Training Institutions
1.	Watershed Committee & WDT members	Planning and implementation of IWMP Project (3 day)	To Strengthen WC and WDT for planning and executing the Project	Natural Resource Management Livelihood options for landless and marginal farmers. Improved Agriculture production system	Lectures, videos and visits to successful watershed	National Research Center for Agroforestry, Gwalior Road,
2.	User Group, SHGs members	Agriculture Production system and specialized training for SHGs (3 day)	To increase the Agriculture productivity and	Integrated crop management in pulses, cereals, oilseeds,	Lectures, videos and visits	Krishi Vigyan Kendra, Bhrari,

			livelihood improvement	vegetables, orchards and small scale projects related to Agriculture.		
3	Watershed Committee & WDT members	Management of natural resources on watershed basis and agroforestry	Awareness and strengthening of knowledge and skills	NRM, Production system and livelihood	Lectures, videos and visits to successful watershed	National Research Center for Agroforestry, Gwalior Road,
4	Secretaries of WC and WDT/PIA members	Book keeping and record maintenance	Maintenance of record and preparing budget	Cash book and ledger registers, preparing budget, maintenance of accounts	Lectures and practical exercise	National Research Center for Agroforestry, Gwalior Road,
5	PIA/WDT members	Cultivation of fodder in watershed	Awareness and knowledge enhancement	Package of practices of fodder cultivation	Lectures, videos and visits to successful watershed	Indian Grassland and Fodder Research Institute,
6.	PIA/WDT/WC members	Knowledge of market and pricing	Awareness and knowledge enhancement	Market intelligence	Lectures, videos and visits	Agriculture Technology Management Agency (ATMA)
7	PIA/WDT members	Design of SWC structures	Strengthening of knowledge	SWC structures	Lectures, practical exercise and visits to successful watershed	NRCAF, / CSWCRTI&RS, Datia, MP

CHAPTER - 7

PHISING OF PROGRAMME AND BUDGETING

7.1 Monitoring and Evaluation

Monitoring of the project will be done at each stage and it will be carried out for both, process and outcome. Some community members will be trained and will be involved in participatory monitoring of various parameters and processes and the crop yields. The interventions, expenditure and other information will be displayed in the micro-watershed through wall writings. Besides trained community members, PIA/DWDU will also monitor the physical and financial progress of watershed development programme. Frontier technologies viz. GIS and Remote Sensing techniques will be used by the PIA/DWDU for monitoring and evaluation. The PIA shall submit quarterly progress reports (countersigned by the Watershed Committee (WC) President) to the DWDU for further submission to the SLNA. Sustainable and unbiased monitoring will be ensured by involving an independent agency. About 1 per cent of the total budget will be used on this activity.

Plan for Evaluation

Watershed development activities bring about both tangible and intangible benefits. In order to quantify the benefits, impact analysis has been proposed.

Theme

It is presumed that as a consequence of watershed development activities there will be noticeable change in socio-economic status of inhabitants, cropping intensity, ground water recharge, crop diversification, fuel, fodder and small timber availability, livestock composition and milk production, etc. These indicators can be gauged over benchmark data both at the beginning and at the end of the project within the watershed.

Observations

The following indicators will be taken into account for quantitative and qualitative assessment. For the purpose, detailed questionnaires will be prepared and field observations will be carried out.

- Duration of availability of drinking water/irrigation and groundwater recharge
- Irrigation frequency and area under irrigation
- Changes in cropping pattern and cropping systems in the farmers fields along with productivity and incomes
- Soil health
- Satellite monitoring for vegetation cover and other parameters
- Fuel, fodder and small timber availability
- Livestock composition and productivity
- Periodic pest and disease monitoring will be done in major crops
- Socio-economic aspects including resource inventory
- Following indices will also be worked out as qualitative indicators of the watershed development:

- Land Improvement Index (LII)
- Crop Diversification Index (CDI)
- Cultivated Land Utilization Index (CLUI)
- Crop Fertilization Index (CFI)
- Induced Watershed Eco-Index (IWEL)

The concurrent and post-project monitoring and evaluation would be conducted to assess the status of watershed related interventions. It will be done by an independent agency hving similar experiences. About 1 per cent of the total budget will also be used on evaluation.

Table 7.1: Year wise financial phsing (Rs in Lakh) Project IWMP-II LDWR- Allahbad-II

Sr. No.	Particulars	1st Year	2nd Year	3rd Year	4th Year	Total
1	Administrative Cost-10%	10.56	10.56	10.56	10.56	42.23
2	Monitering-1%	1.06	1.06	1.06	1.06	4.22
3	Evaluation-1%	1.06	1.06	1.06	1.06	4.22
4	Entry Point Activity-4%	16.89	-	-	-	16.891
5	Institution & Capacity Building-5%	8.45	8.45	4.22	-	21.11
6	DPR-1%	4.22	-	-	-	4.22
7	Watershed Dev. Work-56%	47.30	70.94	70.94	47.30	236.48
8	Livelihood Activity-9%	30.40	3.80	3.80	-	38.01
9	Production System & Micro enterprises-10%	8.45	25.34	8.45		42.23
10	Consolidation-3%	-	1.27	1.27	10.13	12.67
	Total	128.37	122.46	101.35	70.10	422.28

1. Chand Khamarihia (2A7D2d3c)

Sr. No.	Particulars	1st Year	2nd Year	3rd Year	4th Year	Total
1	Administrative Cost-10%	2.56	2.56	2.56	2.56	10.22
2	Monitering-1%	0.26	0.26	0.26	0.26	1.02
3	Evaluation-1%	0.26	0.26	0.26	0.26	1.02
4	Entry Point Activity-4%	4.09	-	-	-	4.09
5	Institution & Capacity Building-5%	2.04	2.04	1.02	-	5.11
6	DPR-1%	1.02	-	-	-	1.02
7	Watershed Dev. Work-56%	11.45	17.18	17.18	11.45	57.25
8	Livelihood Activity-9%	7.36	0.92	0.92	-	9.20
9	Production System & Micro enterprises-10%	2.04	6.13	2.04		10.22
10	Consolidation-3%	-	0.31	0.31	2.45	3.07
	Total	31.08	29.65	24.54	16.97	102.24

2. Kuhuni Kala (2A7D2d2c)

Sr. No.	Particulars	1st Year	2nd Year	3rd Year	4th Year	Total
1	Administrative Cost-10%	1.48	1.48	1.48	1.48	5.90
2	Monitering-1%	0.15	0.15	0.15	0.15	0.59
3	Evaluation-1%	0.15	0.15	0.15	0.15	0.59
4	Entry Point Activity-4%	2.36	-	-	-	2.36
5	Institution & Capacity Building-5%	1.18	1.18	0.59	-	2.95
6	DPR-1%	0.59	-	-	-	0.59
7	Watershed Dev. Work-56%	6.61	9.92	9.92	6.61	33.06
8	Livelihood Activity-9%	4.25	0.53	0.53	-	5.31
9	Production System & Micro enterprises-10%	1.18	3.54	1.18		5.90
10	Consolidation-3%	-	0.18	0.18	1.42	1.77
	Total	17.95	17.12	14.17	9.80	59.04

3. Pawari (2A7D2d2d)

Sr. No.	Particulars	1st Year	2nd Year	3rd Year	4th Year	Total
1	Administrative Cost-10%	1.33	1.33	1.33	1.33	5.32
2	Monitering-1%	0.13	0.13	0.13	0.13	0.53
3	Evaluation-1%	0.13	0.13	0.13	0.13	0.53
4	Entry Point Activity-4%	2.13	-	-	-	2.13
5	Institution & Capacity Building-5%	1.06	1.06	0.53	-	2.66
6	DPR-1%	0.53	-	-	-	0.53
7	Watershed Dev. Work-56%	5.95	8.93	8.93	5.95	29.77
8	Livelihood Activity-9%	3.83	0.48	0.48	-	4.78
9	Production System & Micro enterprises-10%	1.06	3.19	1.06		5.32
10	Consolidation-5%	-	0.16	0.16	1.28	1.59
	Total	16.16	15.42	12.76	8.82	53.16

4. Baijala (2A7D2d2b)

Sr. No.	Particulars	1st Year	2nd Year	3rd Year	4th Year	Total
1	Administrative Cost-10%	1.28	1.28	1.28	1.28	5.10
2	Monitering-1%	0.13	0.13	0.13	0.13	0.51
3	Evaluation-1%	0.13	0.13	0.13	0.13	0.51
4	Entry Point Activity-4%	2.04	-	-	-	2.04
5	Institution & Capacity Building-5%	1.02	1.02	0.51	-	2.55
6	DPR-1%	0.51	-	-	-	0.51
7	Watershed Dev. Work-56%	5.71	8.57	8.57	5.71	28.56
8	Livelihood Activity-9%	3.67	0.46	0.46	-	4.59
9	Production System & Micro enterprises-10%	1.02	3.06	1.02		5.10
10	Consolidation-3%	-	0.15	0.15	1.22	1.53
	Total	15.50	14.79	12.24	8.47	51.00

5. Kaithwal (2A7D2e3d)

Sr. No.	Particulars	1st Year	2nd Year	3rd Year	4th Year	Total
1	Administrative Cost-10%	1.02	1.02	1.02	1.02	4.07
2	Monitoring-1%	0.10	0.10	0.10	0.10	0.41
3	Evaluation-1%	0.10	0.10	0.10	0.10	0.41
4	Entry Point Activity-4%	1.63	-	-	-	1.63
5	Institution & Capacity Building-5%	0.81	0.81	0.41	-	2.03
6	DPR-1%	0.41	-	-	-	0.41
7	Watershed Dev. Work-56%	4.56	6.83	6.83	4.56	22.78
8	Livelihood Activity-9%	2.93	0.37	0.37	-	3.66
9	Production System & Micro enterprises-10%	0.81	2.44	0.81		4.07
10	Consolidation-3%	-	0.12	0.12	0.98	1.22
	Total	12.37	11.80	9.76	6.75	40.68

6. Nibi (2A7D2f1a)

Sr. No.	Particulars	1st Year	2nd Year	3rd Year	4th Year	Total
1	Administrative Cost-10%	2.90	2.90	2.90	2.90	11.62
2	Monitoring-1%	0.29	0.29	0.29	0.29	1.16
3	Evaluation-1%	0.29	0.29	0.29	0.29	1.16
4	Entry Point Activity-4%	4.65	-	-	-	4.65
5	Institution & Capacity Building-5%	2.32	2.32	1.16	-	5.81
6	DPR-1%	1.16	-	-	-	1.16
7	Watershed Dev. Work-56%	13.01	19.51	19.51	13.01	65.05
8	Livelihood Activity-9%	8.36	1.05	1.05	-	10.45
9	Production System & Micro enterprises-10%	2.32	6.97	2.32		11.62
10	Consolidation-3%	-	0.35	0.35	2.79	3.48
	Total	35.31	33.69	27.88	19.28	116.16

Gram Panchayatwise Financial Target of Watershed Development Work, Production System & Micro-enterprises, Livelihood

S.No.	Name of Microwatershed Code	Name of Gram Panchayat	Name of Village	Area	Watershed Development Work	Livelihood	Production System & Micro-enterprises	Total	Remark
1		Kaithwal	Kaithwal Baijala	371.57	24.9699	4.0129	4.4588	33.4416	
		Chand Khamaria	Chand Khamaria	716.92	48.1773	7.7427	8.60304	64.52304	
		Patehara	Patehara Mojra	89.88	6.04039	0.97070	1.07856	8.08965	
		Khunta	Khunta Siki Khurd	45.20	3.03763	0.48816	0.54240	4.06819	
		Pawari	Pawari	250.554	16.83724	2.70598	3.00664	22.54986	
		Dhobhat	Dhobhat Chaulari Khocha	601.95	40.45164	6.50106	7.22340	54.1761	
		Khuni Khurd	Khuni Khurd Kihuni kala	546.88	36.75016	5.90630	6.56256	49.21902	
		Jamua	Jamua Jamsot	18.77	1.26178	0.20271	0.22524	1.68973	
		Nibi	Nibi	160.28	10.77081	1.73102	1.92336	14.42519	
		Leriyari	Leriyari	160.74	10.80168	1.73600	1.92888	14.46656	
		Bahraicha	Bahraicha Kuri Bharat	362.40	24.35311	3.91392	4.34880	32.61583	
		Baghol	Baghol	27.21	1.82856	0.29387	0.32652	2.44895	
		Mahuli Kala	Mahuli Kala	2.80	0.18785	0.03024	0.03360	0.25169	
		Kulsara	Kulsara Thathaha Katghar	163.85	11.01029	1.76958	1.96620	14.74607	
	Total			3519	236.4768	38.00514	42.228	316.70994	

Present situation				
Particulars	Cows	Buffaloes	Goat	Bullocks
Total Animals in Micro watershed Area	3450	3640	5335	1668
Milking Animals	2660	2800	3500	
Average Milk Production Lit. / day	7714	520.8	140	
Average Milk Production /Animal/ day	2.9	4.8	0.5	
Sale of Milk per day (Rs) @ Rs 15/Lit	115710	7812	2100	
Average 150 day milking days & Goat 90 days in a year (Total Rs)	17356500	78120	12600	
Meat Animals			7500	
Average rate of one kids Rs			2500	
Total Sale in a year Rs			18750000	
Working Animals (Bullocks)				1668
One year work one agriculture fields 180 days @ 200/ day (One pair)				36000
Total Work value of all working animals				30024000
Total value earned by animals in a year				66221220
Total INCOME/FAMILY	2575			25716.98
Total Expenditure / family				18460
B:C Ratio				1.39

Projected Situation

Particulars	Cows	Buffaloes	Goat	Bullocks
Total Animals in Micro watershed Area	3795	4732	7469	2001.6
Milking Animals	3600	3500	5000	
Average Milk Production Lit. / day	11520	17850	3750	
Average Milk Production /Animal/ day	3.2	5.1	0.75	
Sale of Milk per day (Rs) @ Rs 15/Lit	172800	267750	56250	
Average 150 day milking days & Goat 90 days in a year (Total Rs)	25920000	2677500	337500	
Meat Animals			12000	
Average rate of one kids Rs			2800	
Total Sale in a year Rs			33600000	
Working Animals (Bullocks)				2001.6
One year work one agriculture fields 180 days @ 200/ day (One pair)				36000
Total Work value of all working animals				36028800
Total value earned by animals in a year				98563800
Total INCOME/FAMILY	2575			38277.20
Total Expenditure / family				18700
B:C Ratio				2.05

Net Income / Family	Present	Projected
Agriculture	44210	87298
Animal Husbandry	25717	38277
Total (Ag+AH)	69927	125575
Over All B:C of MWS		
Agriculture	2.15	2.91
Animal Husbandry	1.39	2.05
Over All B: C MWS	1.77	2.48

CONSOLIDATION AND WITHDRAWAL STRATEGY

Consolidation and Withdrawal Strategy

Success of any program depends on sustainability of the various watershed interventions and sustainability can only be achieved through active participation of community. Active participation and cooperation of community can be ensured by building their capacities through exposures and trainings. From the beginning emphasis will be on capacity building and empowerment of stakeholders. The Watershed Committee, SHGs, Area Groups, Users Group and other CBOs will be established, trained, and strengthened to continue development after Withdrawal of PIA. By building economic activities through CBOs community participation will be sustained. The PR&D approach along with demand driven interventions will reduce dependency on subsidies. Contributions from the community will be ensured for the entire activities to develop sense of belongingness and these contributions will be deposited to the account of Watershed Development Fund. Watershed Development Fund will also be strengthening through donations from the individual and institutions and the CBOs will be trained to run watershed as business model on sustainable basis. The tangible economic benefits along with empowerment and hnd holding by PIA will empower the CBOs to develop and sustain the watershed activities after Withdrawal of the PIA. Community organizations will withdraw the money from the WDF to maintain the asset created during the implementation phase. The consolidation phase will also include writing of project completion report, documentation of success stories, making films, leaflets, bulletins and the lessons learnt. The expenditure will be done as per the Common Guidelines for Watershed Development Projects 2008.

EXPECTED PROJECT OUTCOME

9.1 Employment Generation and Checking Migration

There had been migration from district Allahbad during drought years; it is as high as 22% against an average migration rate of 4.60 %, in other regions of Uttar Pradesh towards northern part of the country, specially the states of Delhi, Punjab and Haryana, as agriculture labours, factory workers, rickshaw pullers etc. The major reason attributed to high rate of migration is continuous drought in the region and absence of any other alternate livelihood opportunity, in spite of several anti-poverty programmes.

Due to watershed management the cropping intensity will be increased by around 25 per cent, in turn acreage in agricultural activities will be increased by about 510 h. Therefore, an additional employment of about 126500 man days will be generated annually. Therefore, no migration in search of livelihoods is expected after implementation of watershed programme.

9.2 Other Expected Outcome*

The following tangible benefits are expected after implementation of the project:

- Runoff will be reduced by about 35 per cent, however soil and nutrient loss may be reduced up to 45 per cent from the watershed.
- Irrigation intensity may be increased to 30 per cent from present 4.5 per cent life saving irrigation.
- Surface water in nallah may be available for more than 8 months against 4-5 months at present.
- Average ground water recharge of about 2.5 m may be easily obtained after implementation of the programme
- Productivity of crops may be increased by about 25 per cent
- Significant saving of seeds may be obtained through crop demonstration with improved package of practices
- During implementation phase about 456800 mandays will be created through the soil and water conservation measures and crop/agroforestry interventions.
- The overall B C ratio of the project is estimated to be 2.80 as compared to the 2.10 in pre project scenario (detailed analysis is given in Chapter 7)

***Above mentioned outcomes are based on the meta analysis of 636 watershed projects throughout the country done by ICRISAT, Hyderabad and practical experience of watershed management in Bundelkhand region.**

9.3 Questions to be answered

This project will answer the following questions:

1. Will the measures taken for water harvesting sufficient enough to recharge the perched water table?
2. Will the soil and water conservation practices be helpful in combating drought?
3. Will alternate land use such as agroforestry land use system result in self reliance/prosperity in drought prone areas?
4. Can the strategies based on watershed basis yield fruitful results?
5. Response of the villagers towards the project and their participation in sustaining developed resources after Withdrawal of the project?
6. Will the formation of SHGs will help in savings and generation of self employment?
7. Will the watershed programmes improve the socio-economic conditions of the stake holders?
8. Will the watershed programme helps in capacity building of the stake holders for dissemination of various activities of watershed programme?
9. Will it sustain after project Withdrawal?

9.4 Problems that could be solved as a results of this project/study

Following problems can be tackled in the proposed watershed :

1. Solving the problems of shortage of fuel, fodder, fruit and small timber requirement of villagers.
2. Creating water resources for ground water recharge availability of surface water for animal drinking and nistar purposes.
3. Increasing fertilizer consumption and improving NPK consumption ratio.
4. Optimizing crop productivity by putting more area under HYV and irrigation.
5. Increasing cropping intensity.
6. Promoting dairying through increased fodder availability.
7. Improving basic amenities and facilities like health, education, drinking water etc.
8. Increasing per capita income and thereby standard of living of farming community.
9. Increasing co-operative membership.
10. Increasing self employment.
11. Improving living standard of society.

ANNEXURE-I
BENEFICIARIES WISE DETAILS OF DEVELOPMENTAL ACTIVITIES

1. MWS- Chnd Khmaria

Summary of Watershed Chnd Khmaria				
Sl. No.	Name of village	Name of Panchyat	T. Area	Amount in Lakhs
1	Cand Khmria	Cand Khmria	698.648	48.1773
2	Sinki Khurd	Khoonta	41.504	3.0376
3	Patehra	Patehra	111.848	6.0403
4	Mojara	Patehra		
5	Sirhir	Sirhir		
				57.2552

1. Gram Panchyat – Chnd Khmaria

Summary of Watershed Chnd Khmaria				
Sl. No.	Items	Length/mt.	E/W m ³	Amount
1	SB	9635	17776.575	696130
2	MB	12174	41939.43	1642348
3	PB	6025	20756.125	812809
4	CD	26N/1190	20825.00	923172
5	Pucca Work			508500
6	Afforastration			234772
	Total			4817731

Summary of Watershed Chnd Khmaria				
Sl. No.	Items	Length/mt.	E/W m ³	Amount
1	SB		9635	17776.575
2	MB		12174	41939.43
3	PB		6025	20756.125
4	CD	26N/1190		20825.00
5	Pucca Work			508500
6	Afforastration			234772
	Total			4817731

Beneficiaries wise List of Watershed Development Activities
Village – Chand Khamarihia

Name of Work	Benefited area (h)	Field No. / Khsara No.	Length	Area of work Width * Height	C.S. (Area)	Work Measurement	Rate	Total Cost (Rs.)	Manday	Contribution	Name of Farmers
									Rs 120/Labour	SC/ST- 5, OBC/Gen- 10%	
PB6	0.753	208	135	(4.60+0.70)/2*1.30	3.445	465.075	39.16	18212.34	151.77	242.83	Abdesh Prasad
PB7	1.162	107	250		3.445	861.25	39.16	33726.55	281.05	449.69	"
	0.402	110	60		3.445	206.7	39.16	8094.37	67.45	107.92	Shyam Sundar
PB8	0.514	116	30		3.445	103.35	39.16	4047.19	33.73	53.96	"
	0.100	120	50		3.445	172.25	39.16	6745.31	56.21	89.94	"
	0.274	121	80		3.445	275.6	39.16	10792.50	89.94	143.90	"
	0.527	130	70		3.445	241.15	39.16	9443.43	78.70	125.91	Indravati
	0.399	131	120		3.445	413.4	39.16	16188.74	134.91	215.85	Indra Bhn
	0.377	133	100		3.445	344.5	39.16	13490.62	112.42	179.87	Gunji Devi
PB9	0.240	136	20		3.445	68.9	39.16	2698.12	22.48	35.97	"
	0.148	142	30		3.445	103.35	39.16	4047.19	33.73	53.96	Raj Karan
	0.057	143	50		3.445	172.25	39.16	6745.31	56.21	89.94	"

	0.007	145	40		3.445	137.8	39.16	5396.25	44.97	71.95	"
	1.623	147	80		3.445	275.6	39.16	10792.50	89.94	143.90	Bhnu Prathp
	0.160	167	50		3.445	172.25	39.16	6745.31	56.21	89.94	Krishna Prasad
	0.228	176	80		3.445	275.6	39.16	10792.50	89.94	143.90	Jagdamva prasad
	0.102	175	90		3.445	310.05	39.16	12141.56	101.18	161.89	Bhnu Prathp
PB10	0.228	173	90		3.445	310.05	39.16	12141.56	101.18	161.89	Bhnu Prathp
	0.574	170	90		3.445	310.05	39.16	12141.56	101.18	161.89	Devnandhn
	0.616	164	80		3.445	275.6	39.16	10792.50	89.94	143.90	Bhnu Prathp
	0.070	163	30		3.445	103.35	39.16	4047.19	33.73	53.96	Devnandhn
PB11	0.360	337	160		3.445	551.2	39.16	21584.99	179.87	287.80	Kashkhi Kumari
	0.068	161	40		3.445	137.8	39.16	5396.25	44.97	71.95	"
	0.046	160	40		3.445	137.8	39.16	5396.25	44.97	71.95	Shkhi Kumar
	0.205	157	20		3.445	68.9	39.16	2698.12	22.48	35.97	Kedhr Nath
	0.093	156	40		3.445	137.8	39.16	5396.25	44.97	71.95	Krishna Prasad
	0.136	155	100		3.445	344.5	39.16	13490.62	112.42	179.87	Girebchndra
PB12	0.285	339	110		3.445	378.95	39.16	14839.68	123.66	197.86	Govind Singh
	0.123	2039	50		3.445	172.25	39.16	6745.31	56.21	89.94	Tej Prathp Singh
	0.063	2041	50		3.445	172.25	39.16	6745.31	56.21	89.94	Sarki Kuvri
	0.023	2042	10		3.445	34.45	39.16	1349.06	11.24	17.99	"
	0.023	2043	15		3.445	51.675	39.16	2023.59	16.86	26.98	"
	0.034	2044	20		3.445	68.9	39.16	2698.12	22.48	35.97	"
	0.160	2045	90		3.445	310.05	39.16	12141.56	101.18	161.89	Ram Kelash
	0.240	2046	50		3.445	172.25	39.16	6745.31	56.21	89.94	Janki Prasad
PB13	0.308	2189	200		3.445	689	39.16	26981.24	224.84	359.75	Nirmla Devi
	0.263	2205	80		3.445	275.6	39.16	10792.50	89.94	143.90	Hri Prasad
	0.183	2207	80		3.445	275.6	39.16	10792.50	89.94	143.90	"
	0.097	2208	50		3.445	172.25	39.16	6745.31	56.21	89.94	Mangoti Prasad
	0.485	2209	80		3.445	275.6	39.16	10792.50	89.94	143.90	"
	0.089	2210	40		3.445	137.8	39.16	5396.25	44.97	71.95	"
	0.052	2212	10		3.445	34.45	39.16	1349.06	11.24	17.99	"
	0.057	2213	40		3.445	137.8	39.16	5396.25	44.97	71.95	"

	0.114	2214	80		3.445	275.6	39.16	10792.50	89.94	143.90	Ramesh Chndra
PB14	0.888	2441	120		3.445	413.4	39.16	16188.74	134.91	215.85	Shiv Nath
	1.052	2445	250		3.445	861.25	39.16	33726.55	281.05	449.69	Banwari Lal
PB16	0.038	2512	70		3.445	241.15	39.16	9443.43	78.70	125.91	Vakendra Kumar
	0.338	2521	50		3.445	172.25	39.16	6745.31	56.21	89.94	"
	0.338	2522	90		3.445	310.05	39.16	12141.56	101.18	161.89	
PB15	0.291	2473	80		3.445	275.6	39.16	10792.50	89.94	143.90	Rmashnkar
	0.306	2476	40		3.445	137.8	39.16	5396.25	44.97	71.95	Rajvli
	0.091	2475	40		3.445	137.8	39.16	5396.25	44.97	71.95	Aadh Prasad
	0.251	2502	90		3.445	310.05	39.16	12141.56	101.18	161.89	Ram Lakhn
	0.593	2503	120		3.445	413.4	39.16	16188.74	134.91	215.85	Srikant
	0.240	2505	70		3.445	241.15	39.16	9443.43	78.70	125.91	Mathura
PB17	1.447	2524	280		3.445	964.6	39.16	37773.74	314.78	503.65	Vakendra Kumar
PB18	2.728	2552	50		3.445	172.25	39.16	6745.31	56.21	89.94	Amar Nath
	1.382	2556	170		3.445	585.65	39.16	22934.05	191.12	305.79	Om Narayan
	0.192	2561	50		3.445	172.25	39.16	6745.31	56.21	89.94	Mangoti Prasad
	0.011	2562	30		3.445	103.35	39.16	4047.19	33.73	53.96	"
	0.011	2563	10		3.445	34.45	39.16	1349.06	11.24	17.99	"
	0.483	2568	15		3.445	51.675	39.16	2023.59	16.86	26.98	Ram Chndra
	0.160	2565	120		3.445	413.4	39.16	16188.74	134.91	215.85	Mangoti Prasad
PB19	0.217	2558	140		3.445	482.3	39.16	18886.87	157.39	251.82	Ramraj Singh
	0.092	2557	15		3.445	51.675	39.16	2023.59	16.86	26.98	Mangoti Prasad
	2.728	2552	70		3.445	241.15	39.16	9443.43	78.70	125.91	Amar Nath
	0.049	2548	30		3.445	103.35	39.16	4047.19	33.73	53.96	Mangoti Prasad
PB20	0.126	2507	40		3.445	137.8	39.16	5396.25	44.97	71.95	Srikant
	0.083	2510	50		3.445	172.25	39.16	6745.31	56.21	89.94	Abdesh Prasad
	0.034	2509	25		3.445	86.125	39.16	3372.66	28.11	44.97	Srikant
PB21	0.198	2574	190		3.445	654.55	39.16	25632.18	213.60	341.76	Shyam Kishor
	0.043	2572	100		3.445	344.5	39.16	13490.62	112.42	179.87	"
	0.929	2571	160		3.445	551.2	39.16	21584.99	179.87	287.80	Ramjeet
	0.114	2569	60		3.445	206.7	39.16	8094.37	67.45	107.92	Honsla

	0.274	2567	50		3.445	172.25	39.16	6745.31	56.21	89.94	Bhiya Dulari
PB22	0.126	2396	25		3.445	86.125	39.16	3372.66	28.11	44.97	Ram Abhilakh
	0.140	2395	50		3.445	172.25	39.16	6745.31	56.21	89.94	"
	0.212	2397	50		3.445	172.25	39.16	6745.31	56.21	89.94	"
	0.192	2399	50		3.445	172.25	39.16	6745.31	56.21	89.94	Honsla Prasad
	0.722	2401	40		3.445	137.8	39.16	5396.25	44.97	71.95	"
	0.480	2403	30		3.445	103.35	39.16	4047.19	33.73	53.96	Shivaji
	1.242	2405	25		3.445	86.125	39.16	3372.66	28.11	44.97	Honsla Prasad
SB3	2.874	427	120	$(3.40+0.70)/2*0.90$	1.845	221.4	39.16	8670.02	72.25	115.60	Ramjag
SB4	1.506	439	190		1.845	350.55	39.16	13727.54	114.40	183.03	"
	1.006	440	180		1.845	332.1	39.16	13005.04	108.38	173.40	Santi Devi
SB5	9.321	414	350		1.845	645.75	39.16	25287.57	210.73	337.17	Ram Kelash
SB6	1.721	413	170		1.845	313.65	39.16	12282.53	102.35	163.77	Savitri
	9.321	414	450		1.845	830.25	39.16	32512.59	270.94	433.50	Ram Kelash
SB7	2.592	437	200		1.845	369	39.16	14450.04	120.42	192.67	Ram Vishl
	2.885	412	100		1.845	184.5	39.16	7225.02	60.21	96.33	Sesh Mani
SB8	1.459	417	125		1.845	230.625	39.16	9031.28	75.26	120.42	Shuseela
	2.751	418	300		1.845	553.5	39.16	21675.06	180.63	289.00	Ganesh Prasad
SB9	0.120	399	90		1.845	166.05	39.16	6502.52	54.19	86.70	Bej Nath
	0.023	392	160		1.845	295.2	39.16	11560.03	96.33	154.13	"
SB10	1.107	394	180		1.845	332.1	39.16	13005.04	108.38	173.40	Ram Shnkar
SB11	5.913	404	490		1.845	904.05	39.16	35402.60	295.02	472.03	Ram Kelash
SB12	0.162	358	50		1.845	92.25	39.16	3612.51	30.10	48.17	Ayodh Singh
	2.263	359	200		1.845	369	39.16	14450.04	120.42	192.67	Ramjag
	0.847	360	60		1.845	110.7	39.16	4335.01	36.13	57.80	Ram Lakhn
SB13	1.391	354	200		1.845	369	39.16	14450.04	120.42	192.67	Ram Shnkar
SB14	2.497	367	400		1.845	738	39.16	28900.08	240.83	385.33	Tej Prathp
SB15	0.232	344	60		1.845	110.7	39.16	4335.01	36.13	57.80	Tej Prathp
	0.170	345	70		1.845	129.15	39.16	5057.51	42.15	67.43	Rajendra Prasad
SB16	0.305	2028	50		1.845	92.25	39.16	3612.51	30.10	48.17	Govind Singh
	0.0041	2023	30		1.845	55.35	39.16	2167.51	18.06	28.90	"

	0.046	2024	50		1.845	92.25	39.16	3612.51	30.10	48.17	"
SB17	0.872	346	100		1.845	184.5	39.16	7225.02	60.21	96.33	Navardeshvar Singh
	0.251	1976	35		1.845	64.575	39.16	2528.76	21.07	33.72	Rmakant
	0.171	1975	25		1.845	46.125	39.16	1806.26	15.05	24.08	Indra Bhn
	0.034	1974	30		1.845	55.35	39.16	2167.51	18.06	28.90	Janik Lal
	0.023	1964	20		1.845	36.9	39.16	1445.00	12.04	19.27	Bhnu Prathp
	0.086	1968	25		1.845	46.125	39.16	1806.26	15.05	24.08	"
	0.068	1969	30		1.845	55.35	39.16	2167.51	18.06	28.90	"
	0.046	1961	50		1.845	92.25	39.16	3612.51	30.10	48.17	Janik Lal
SB18	0.365	1982	65		1.845	119.925	39.16	4696.26	39.14	62.62	Janki Prasad
	0.160	1997	50		1.845	92.25	39.16	3612.51	30.10	48.17	Suraya Nath Singh
	0.0068	1993	30		1.845	55.35	39.16	2167.51	18.06	28.90	Janik Lal
	0.068	1995	20		1.845	36.9	39.16	1445.00	12.04	19.27	"
	0.091	1945	30		1.845	55.35	39.16	2167.51	18.06	28.90	"
	0.269	1946	100		1.845	184.5	39.16	7225.02	60.21	96.33	Mitlesh Kumari
SB19	0.046	1983	40		1.845	73.8	39.16	2890.01	24.08	38.53	Girdhri
	0.068	1986	35		1.845	64.575	39.16	2528.76	21.07	33.72	Janik Lal
	0.080	1987	25		1.845	46.125	39.16	1806.26	15.05	24.08	Uma Shnkar
	0.068	1988	25		1.845	46.125	39.16	1806.26	15.05	24.08	Janik Lal
	0.126	1989	40		1.845	73.8	39.16	2890.01	24.08	38.53	"
	0.171	1954	35		1.845	64.575	39.16	2528.76	21.07	33.72	"
	0.857	1955	45		1.845	83.025	39.16	3251.26	27.09	43.35	Uma Shnkar
	0.068	1938	40		1.845	73.8	39.16	2890.01	24.08	38.53	Lal ji
SB20	1.786	762	250		1.845	461.25	39.16	18062.55	150.52	240.83	Ram Vishl
SB21	0.775	756	200		1.845	369	39.16	14450.04	120.42	192.67	Rajdhr
	0.150	755	210		1.845	387.45	39.16	15172.54	126.44	202.30	Gya Prasad
SB22	0.071	2134	60		1.845	110.7	39.16	4335.01	36.13	57.80	Ram Sjivan
	0.137	2132	30		1.845	55.35	39.16	2167.51	18.06	28.90	"
	0.057	2131	25		1.845	46.125	39.16	1806.26	15.05	24.08	"
	0.124	2085	40		1.845	73.8	39.16	2890.01	24.08	38.53	Ram Dash
	0.110	2084	70		1.845	129.15	39.16	5057.51	42.15	67.43	Terath Prasad

	0.291	2064	50		1.845	92.25	39.16	3612.51	30.10	48.17	Ram Dash
SB23	0.046	2162	30		1.845	55.35	39.16	2167.51	18.06	28.90	Ram Pyare
	0.046	2163	20		1.845	36.9	39.16	1445.00	12.04	19.27	Ram Kishor
	0.020	2164	20		1.845	36.9	39.16	1445.00	12.04	19.27	Raj Kishor
	0.034	2165	30		1.845	55.35	39.16	2167.51	18.06	28.90	"
	0.080	2166	20		1.845	36.9	39.16	1445.00	12.04	19.27	"
	0.046	2167	40		1.845	73.8	39.16	2890.01	24.08	38.53	"
SB24	0.525	2194	130		1.845	239.85	39.16	9392.53	78.27	125.23	Mithlesh Kumari
	0.999	2195	40		1.845	73.8	39.16	2890.01	24.08	38.53	Ram Sjivan
	1.020	2196	80		1.845	147.6	39.16	5780.02	48.17	77.07	Sashilta
SB25	0.458	2092	50		1.845	92.25	39.16	3612.51	30.10	48.17	Chndrama Prasad
	0.161	2093	40		1.845	73.8	39.16	2890.01	24.08	38.53	"
	0.052	2094	50		1.845	92.25	39.16	3612.51	30.10	48.17	"
	0.114	229	40		1.845	73.8	39.16	2890.01	24.08	38.53	Raj Kishor
	0.120	2128	60		1.845	110.7	39.16	4335.01	36.13	57.80	"
	0.360	2126	90		1.845	166.05	39.16	6502.52	54.19	86.70	"
	0.999	2195	80		1.845	147.6	39.16	5780.02	48.17	77.07	Ram Sjivan
SB25A	0.531	2203	120		1.845	221.4	39.16	8670.02	72.25	115.60	Mangoti Prasad
SB26	0.148	2211	80		1.845	147.6	39.16	5780.02	48.17	77.07	"
	0.057	2202	60		1.845	110.7	39.16	4335.01	36.13	57.80	"
	0.434	2198	50		1.845	92.25	39.16	3612.51	30.10	48.17	"
	0.366	2197	50		1.845	92.25	39.16	3612.51	30.10	48.17	Sashilta
SB27	0.738	2268	60		1.845	110.7	39.16	4335.01	36.13	57.80	Datadeen
	0.550	2269	50		1.845	92.25	39.16	3612.51	30.10	48.17	Lallu
	0.970	2270	80		1.845	147.6	39.16	5780.02	48.17	77.07	Ganga Deen
SB28	0.169	2199	50		1.845	92.25	39.16	3612.51	30.10	48.17	Devi Prasad
	1.521	2275	170		1.845	313.65	39.16	12282.53	102.35	163.77	Ram Lakhn
	0.850	2276	100		1.845	184.5	39.16	7225.02	60.21	96.33	Ram Sjivan
SB29	0.467	2258	170		1.845	313.65	39.16	12282.53	102.35	163.77	Siya Dulari
SB30	2.180	2250	80		1.845	147.6	39.16	5780.02	48.17	77.07	Rajendra kumar
	0.988	2251	170		1.845	313.65	39.16	12282.53	102.35	163.77	Rajendra kumar

	0.872	2249	30		1.845	55.35	39.16	2167.51	18.06	28.90	"
	0.091	2248	20		1.845	36.9	39.16	1445.00	12.04	19.27	Indra Prathp
	1.254	2417	60		1.845	110.7	39.16	4335.01	36.13	57.80	"
SB31	1.523	2316	80		1.845	147.6	39.16	5780.02	48.17	77.07	Mangoti Prasad
	3.064	2264	100		1.845	184.5	39.16	7225.02	60.21	96.33	Vansh Dhri
	0.584	2263	70		1.845	129.15	39.16	5057.51	42.15	67.43	Ram Sauvrup
SB32	0.146	2420	30		1.845	55.35	39.16	2167.51	18.06	28.90	Bhukru
	1.009	2421	130		1.845	239.85	39.16	9392.53	78.27	125.23	Nathu
SB33	10.144	2416	300		1.845	553.5	39.16	21675.06	180.63	289.00	Gyanendra Kumar
SB34	1.922	2485	100		1.845	184.5	39.16	7225.02	60.21	96.33	Ramraj Singh
	0.154	2490	60		1.845	110.7	39.16	4335.01	36.13	57.80	Gyanendra Kumar
SB38	2.185	24	120		1.845	221.4	39.16	8670.02	72.25	115.60	Savitri
	0.858	235	100		1.845	184.5	39.16	7225.02	60.21	96.33	Kapil Dev
SB39	4.464	431	220		1.845	405.9	39.16	15895.04	132.46	211.93	Mahesh prasad
MB7	1.073	277	35	$(4.60+0.70)/2*1.30$	3.445	120.575	39.16	4721.72	39.35	62.96	Gokul
MB7A	1.073	277	23		3.445	79.235	39.16	3102.84	25.86	41.37	"
MB8	0.658	279	18		3.445	62.01	39.16	2428.31	20.24	32.38	Tersu
MB9	0.434	259	27		3.445	93.015	39.16	3642.47	30.35	48.57	Chote Lal
MB23	1.619	232	250		3.445	861.25	39.16	33726.55	281.05	449.69	Ram Lakhn
MB24	1.694	244	270		3.445	930.15	39.16	36424.67	303.54	485.66	Triveni Prasad
MB10	0.753	208	124		3.445	427.18	39.16	16728.37	139.40	223.04	Abdesh Prasad
MB11	1.321	209	107		3.445	368.615	39.16	14434.96	120.29	192.47	Vijay Shnkar
MB12	0.344	221	129		3.445	444.405	39.16	17402.90	145.02	232.04	Uma Shnkar
MB11A	1.321	209	108		3.445	372.06	39.16	14569.87	121.42	194.26	Vijay Shnkar
MB11B	1.321	209	54		3.445	186.03	39.16	7284.93	60.71	97.13	"
MB13	0.753	208	94		3.445	323.83	39.16	12681.18	105.68	169.08	Abdesh
MB13A	0.753	208	30		3.445	103.35	39.16	4047.19	33.73	53.96	"
MB14	0.120	204	17		3.445	58.565	39.16	2293.41	19.11	30.58	Mahraji Devi
	0.308	205	20		3.445	68.9	39.16	2698.12	22.48	35.97	"
MB15	0.548	203	121		3.445	416.845	39.16	16323.65	136.03	217.65	Rajendra Prasad
	0.548	203	40		3.445	137.8	39.16	5396.25	44.97	71.95	"

	0.422	202	162		3.445	558.09	39.16	21854.80	182.12	291.40	Sarupa Devi
	0.422	202	45		3.445	155.025	39.16	6070.78	50.59	80.94	"
MB16	0.947	199	45		3.445	155.025	39.16	6070.78	50.59	80.94	Rajendra Prasad
	0.947	199	90		3.445	310.05	39.16	12141.56	101.18	161.89	"
	0.308	205	84		3.445	289.38	39.16	11332.12	94.43	151.09	Mahraji Devi
	0.308	205	65		3.445	223.925	39.16	8768.90	73.07	116.92	"
MB17	1.162	107	134		3.445	461.63	39.16	18077.43	150.65	241.03	Abdesh Prasad
			19		3.445	65.455	39.16	2563.22	21.36	34.18	
MB18	1.565	48	284		3.445	978.38	39.16	38313.36	319.28	510.84	Jagdamva prasad
			57		3.445	196.365	39.16	7689.65	64.08	102.53	
			63		3.445	217.035	39.16	8499.09	70.83	113.32	
			11		3.445	37.895	39.16	1483.97	12.37	19.79	
			16		3.445	55.12	39.16	2158.50	17.99	28.78	
MB19	0.354	49	150		3.445	516.75	39.16	20235.93	168.63	269.81	Rajen Prasad
MB20	0.351	50	70		3.445	241.15	39.16	9443.43	78.70	125.91	Indra Maan Singh
	0.379	51	70		3.445	241.15	39.16	9443.43	78.70	125.91	Rajdhr
	0.27	52	60		3.445	206.7	39.16	8094.37	67.45	107.92	Deena Nath
	0.372	53	60		3.445	206.7	39.16	8094.37	67.45	107.92	Sant Pratap Singh
MB21	0.231	43	50		3.445	172.25	39.16	6745.31	56.21	89.94	Shyam Sundar
	0.223	36	40		3.445	137.8	39.16	5396.25	44.97	71.95	Sarupa Devi
	0.105	35	40		3.445	137.8	39.16	5396.25	44.97	71.95	Indra Pal Singh
MB22	1.168	30	80		3.445	275.6	39.16	10792.50	89.94	143.90	Madhv Prasad
	0.068	38	40		3.445	137.8	39.16	5396.25	44.97	71.95	Sarupa Devi
	0.137	37	60		3.445	206.7	39.16	8094.37	67.45	107.92	"
	0.123	33	50		3.445	172.25	39.16	6745.31	56.21	89.94	Indra Maan Singh
MB25	2.042	107	130		3.445	447.85	39.16	17537.81	146.15	233.84	Abdesh
	0.402	110	60		3.445	206.7	39.16	8094.37	67.45	107.92	Shyam Sundar
MB26	1.074	115	125		3.445	430.625	39.16	16863.28	140.53	224.84	Ram Chndra
	1.584	123	70		3.445	241.15	39.16	9443.43	78.70	125.91	Triveni Prasad
	1.584	123/2752	70		3.445	241.15	39.16	9443.43	78.70	125.91	"
	2.904	128	100		3.445	344.5	39.16	13490.62	112.42	179.87	Krishna Prasad

	0.106	129	50		3.445	172.25	39.16	6745.31	56.21	89.94	Raghu Nath
MB27	0.778	137	110		3.445	378.95	39.16	14839.68	123.66	197.86	Jug Jahir
MB28	0.240	148	50		3.445	172.25	39.16	6745.31	56.21	89.94	Krishna Prasad
	1.359	150	150		3.445	516.75	39.16	20235.93	168.63	269.81	Triveni Prasad
	0.649	152	80		3.445	275.6	39.16	10792.50	89.94	143.90	Joakhi
MB29	1.016	165	120		3.445	413.4	39.16	16188.74	134.91	215.85	Chndra Kali
	1.982	159	160		3.445	551.2	39.16	21584.99	179.87	287.80	Bhnu Prathp singh
MB30	0.109	340	50		3.445	172.25	39.16	6745.31	56.21	89.94	Tej Pratap singh
	1.481	2031	70		3.445	241.15	39.16	9443.43	78.70	125.91	"
	0.213	2032	90		3.445	310.05	39.16	12141.56	101.18	161.89	"
MB31	0.120	2034	25		3.445	86.125	39.16	3372.66	28.11	44.97	Indrajeet Singh
	0.063	2035	25		3.445	86.125	39.16	3372.66	28.11	44.97	Amrat Lal
	0.103	2037	40		3.445	137.8	39.16	5396.25	44.97	71.95	Govind Singh
	0.123	2039	80		3.445	275.6	39.16	10792.50	89.94	143.90	Tej Pratap singh
	0.272	2053	40		3.445	137.8	39.16	5396.25	44.97	71.95	Govind Singh
MB32	0.080	2056	90		3.445	310.05	39.16	12141.56	101.18	161.89	Ram Kishor
	0.228	2072	70		3.445	241.15	39.16	9443.43	78.70	125.91	Raj Mani
MB33	0.062	2071	25		3.445	86.125	39.16	3372.66	28.11	44.97	Jasrani
	0.494	2070	35		3.445	120.575	39.16	4721.72	39.35	62.96	Shyam Lal
	0.148	2080	50		3.445	172.25	39.16	6745.31	56.21	89.94	"
	0.160	2079	50		3.445	172.25	39.16	6745.31	56.21	89.94	Ram dash
	0.494	2070	40		3.445	137.8	39.16	5396.25	44.97	71.95	Shyam Lal
	0.018	2076	30		3.445	103.35	39.16	4047.19	33.73	53.96	Chndrama Prasad
	0.046	2136	20		3.445	68.9	39.16	2698.12	22.48	35.97	"
	0.424	2135	75		3.445	258.375	39.16	10117.97	84.32	134.91	Ram Kishor
MB34	0.388	2052	90		3.445	310.05	39.16	12141.56	101.18	161.89	Tej Pratap
MB35	0.183	2149	70		3.445	241.15	39.16	9443.43	78.70	125.91	Raj Kishor
	0.055	2150	35		3.445	120.575	39.16	4721.72	39.35	62.96	Shyam Kishor
	0.277	2168	80		3.445	275.6	39.16	10792.50	89.94	143.90	Raj Kishor
	0.034	2171	20		3.445	68.9	39.16	2698.12	22.48	35.97	Mithlesh Kumari
	0.939	2172	180		3.445	620.1	39.16	24283.12	202.36	323.77	Nirmla Devi

MB36	1.781	2228	200	3.445	689	39.16	26981.24	224.84	359.75	Mangla devi
MB37	0.160	2435	70	3.445	241.15	39.16	9443.43	78.70	125.91	Aadith Prasad
	0.788	2437	170	3.445	585.65	39.16	22934.05	191.12	305.79	Rajendra Prasad
	0.033	2440	25	3.445	86.125	39.16	3372.66	28.11	44.97	Girja Devi
	0.228	2442	60	3.445	206.7	39.16	8094.37	67.45	107.92	Banwari Lal
MB43	0.194	2451	40	3.445	137.8	39.16	5396.25	44.97	71.95	Vimla Devi
	0.806	2450	120	3.445	413.4	39.16	16188.74	134.91	215.85	Ramfal
MB44	0.220	2472	30	3.445	103.35	39.16	4047.19	33.73	53.96	Ram Lakhn
	0.046	2477	50	3.445	172.25	39.16	6745.31	56.21	89.94	"
	0.353	2479	80	3.445	275.6	39.16	10792.50	89.94	143.90	Kunj Bihri
MB45	0.053	2500	30	3.445	103.35	39.16	4047.19	33.73	53.96	Shyam Lal
	0.959	2499	120	3.445	413.4	39.16	16188.74	134.91	215.85	Chndrashekher
MB46	0.254	2513	90	3.445	310.05	39.16	12141.56	101.18	161.89	Mathura
	0.219	2519	80	3.445	275.6	39.16	10792.50	89.94	143.90	"
MB47	2.239	2525	200	3.445	689	39.16	26981.24	224.84	359.75	Ramji
MB48	2.728	2552	300	3.445	1033.5	39.16	40471.86	337.27	539.62	Amar Nath
MB49	0.480	2403	50	3.445	172.25	39.16	6745.31	56.21	89.94	Shivaji
	0.150	2407	100	3.445	344.5	39.16	13490.62	112.42	179.87	Kuvar Ji
	0.165	2406	50	3.445	172.25	39.16	6745.31	56.21	89.94	Mahesh prasad
MB50	1.106	394	220	3.445	757.9	39.16	29679.36	247.33	395.72	Ram Shnkar
	2.725	397	130	3.445	447.85	39.16	17537.81	146.15	233.84	Ram Bhre
	0.618	398	100	3.445	344.5	39.16	13490.62	112.42	179.87	Hri Shnkar
MB51	0.779	407	120	3.445	413.4	39.16	16188.74	134.91	215.85	Ram Kailash
	0.391	408	80	3.445	275.6	39.16	10792.50	89.94	143.90	Ram Surti
	2.450	409	180	3.445	620.1	39.16	24283.12	202.36	323.77	"
	2.733	410	180	3.445	620.1	39.16	24283.12	202.36	323.77	Kelash Devi
	3.038	411	200	3.445	689	39.16	26981.24	224.84	359.75	Radhe Shyam
	2.885	412	90	3.445	310.05	39.16	12141.56	101.18	161.89	Sesh Mani
MB52	4.191	436	300	3.445	1033.5	39.16	40471.86	337.27	539.62	Ram Kelash
	0.321	434	130	3.445	447.85	39.16	17537.81	146.15	233.84	Gjadr
	0.936	429	250	3.445	861.25	39.16	33726.55	281.05	449.69	"

	2.280	428	250		3.445	861.25	39.16	33726.55	281.05	449.69	Ramjug
MB53	4.362	296	300		3.445	1033.5	39.16	40471.86	337.27	539.62	Ram Kelash
MB54	3.328	447	320		3.445	1102.4	39.16	43169.98	359.75	575.60	Kelash Devi
	2.907	448	80		3.445	275.6	39.16	10792.50	89.94	143.90	Mithi Lal
MB55	1.327	478	160		3.445	551.2	39.16	21584.99	179.87	287.80	Ayodh Singh
	1.307	479	120		3.445	413.4	39.16	16188.74	134.91	215.85	Jagdeesh Singh
MB56	0.083	482	140		3.445	482.3	39.16	18886.87	157.39	251.82	Ram Nidhi
	1.088	484	60		3.445	206.7	39.16	8094.37	67.45	107.92	Sheela devi
	1.063	485	90		3.445	310.05	39.16	12141.56	101.18	161.89	Santi Devi
MB57	3.074	492	180		3.445	620.1	39.16	24283.12	202.36	323.77	Hnumat Prasad
	3.661	496	180		3.445	620.1	39.16	24283.12	202.36	323.77	Kla Devi
	1.537	500	140		3.445	482.3	39.16	18886.87	157.39	251.82	Hnumat Prasad
	0.434	501	80		3.445	275.6	39.16	10792.50	89.94	143.90	Gullab Kali
	1.367	503	120		3.445	413.4	39.16	16188.74	134.91	215.85	Indrajeet
MB58	1.500	295	240		3.445	826.8	39.16	32377.49	269.81	431.70	Thdhk Nath
MB59	2.809	294	360		3.445	1240.2	39.16	48566.23	404.72	647.55	Gneash Prasad
MB60	1.014	293	160		3.445	551.2	39.16	21584.99	179.87	287.80	Mahesh prasad
CD15	0.011	2552	60	(12.00+2.00)/2*2.50	17.5	1050	44.33	46546.50	387.89	620.62	Mangoti Prasad
CD16	1.242	2405	60		17.5	1050	44.33	46546.50	387.89	620.62	Honsla Prasad
CD17	1.782	2228	70		17.5	1225	44.33	54304.25	452.54	724.06	Mangla devi
CD18	1.521	2275	50		17.5	875	44.33	38788.75	323.24	517.18	Ram Lakhn
CD19	0.213	2032	40		17.5	700	44.33	31031.00	258.59	413.75	Tej Pratap
CD20	2.725	397	40		17.5	700	44.33	31031.00	258.59	413.75	Ram Bhre
CD21	0.708	247	40		17.5	700	44.33	31031.00	258.59	413.75	Brij Bihri
CD22	3.328	447	40		17.5	700	44.33	31031.00	258.59	413.75	Kelash Devi
CD23	2.927	448	35		17.5	612.5	44.33	27152.13	226.27	362.03	Mithi Lal
CD24	1.088	484	30		17.5	525	44.33	23273.25	193.94	310.31	Sheela devi
CD1	0.046	26	70		17.5	1225	44.33	54304.25	452.54	724.06	Sarupa Devi
CD2	0.146	41	40		17.5	700	44.33	31031.00	258.59	413.75	"
CD3	0.402	110	50		17.5	875	44.33	38788.75	323.24	517.18	Shyam Shundar
CD4	1.517	107	50		17.5	875	44.33	38788.75	323.24	517.18	Ram Lakhn

CD5	0.399	131	40		17.5	700	44.33	31031.00	258.59	413.75	Indra Maan
CD6	0.417	1173	40		17.5	700	44.33	31031.00	258.59	413.75	"
CD8	0.063	2041	50		17.5	875	44.33	38788.75	323.24	517.18	Sarki Kuvri
CD9	0.171	2148	60		17.5	1050	44.33	46546.50	387.89	620.62	Ramanuj
CD10	0.183	2207	70		17.5	1225	44.33	54304.25	452.54	724.06	Hri Prasad
CD11	0.194	2453	50		17.5	875	44.33	38788.75	323.24	517.18	Nirmla Devi
CD12	0.038	2512	40		17.5	700	44.33	31031.00	258.59	413.75	Vakendra Kumar
CD13	2.239	2524	40		17.5	700	44.33	31031.00	258.59	413.75	"
CD14	0.160	2565	50		17.5	875	44.33	38788.75	323.24	517.18	Mangoti Prasad
CD25	9.321	414	35		17.5	612.5	44.33	27152.13	226.27	362.03	Ram Kelash
CD26	4.465	431	40		17.5	700	44.33	31031.00	258.59	413.75	Mahesh prasad
San. 1	0.046	26						40600			Sarupa Devi
San. 2	0.402	110						50700			Shyam Sundar
San. 3	1.517	107						54600			Ram Lakhn
San. 4	0.417	1173						58400			Indra Maan
San. 5	0.063	2041						57350			Sakhi Kuwari
San. 6	0.171	218						62500			Ramanuj
San. 7	0.183	2207						65400			Hri Prasad
San. 8	2.239	2524						48700			Vakendra Kumar
San. 9	0.160	2565						70250			Mangoti Prasad

2. **Gram Panchyat / Village : Kihuni Khurd**

Name of Work	Benefited area (h)	Field No. / Khsara No.	Length	Area of work Width * Height	C.S. (Area)	Work Measurement	Rate	Total Cost (Rs.)	Manday	Contribution	Name of Farmers
									Rs 120/Labour	SC/ST- 5, OBC/Gen- 10%	
SB35	1.030	105	50	(3.40+0.70)/2*0.90	1.845	92.25	39.16	3612.51	30.10	48.17	Santi Devi
	2.760	169	80		1.845	147.6	39.16	5780.016	48.17	77.07	Krishn Kumar
SB36	1.950	194	230		1.845	424.35	39.16	16617.546	138.48	221.57	Tribhuban Nath
SB37	1.958	56	90		1.845	166.05	39.16	6502.518	54.19	86.70	Tribhuban Nath
	1.217	60	100		1.845	184.5	39.16	7225.02	60.21	96.33	"
MB38	0.860	231	60	(4.60+0.70)/2*1.30	3.445	206.7	39.16	8094.372	67.45	107.92	Sita Saran
	0.800	229	50		3.445	172.25	39.16	6745.31	56.21	89.94	Sita Saran
	1.140	228	35		3.445	120.575	39.16	4721.717	39.35	62.96	Raj Dhr
	0.800	229	30		3.445	103.35	39.16	4047.186	33.73	53.96	Sita Saran
	0.450	238	120		3.445	413.4	39.16	16188.744	134.91	215.85	Raj Narayan
MB39	0.680	212	70		3.445	241.15	39.16	9443.434	78.70	125.91	Ram Kelash
	0.270	211	50		3.445	172.25	39.16	6745.31	56.21	89.94	Ram Saran
	0.930	210	110		3.445	378.95	39.16	14839.682	123.66	197.86	Ram Saran
	0.890	205	130		3.445	447.85	39.16	17537.806	146.15	233.84	"
MBB40	2.490	199	130		3.445	447.85	39.16	17537.806	146.15	233.84	Ram Kelash
	1.300	200	50		3.445	172.25	39.16	6745.31	56.21	89.94	"
	0.690	204	30		3.445	103.35	39.16	4047.186	33.73	53.96	Sitaram
MB41	2.280	184	150		3.445	516.75	39.16	20235.93	168.63	269.81	Sita Saran
MB42	0.340	166	25		3.445	86.125	39.16	3372.655	28.11	44.97	Singhnal
	0.340	165	20		3.445	68.9	39.16	2698.124	22.48	35.97	Abdesh Prasad
	0.730	164	30		3.445	103.35	39.16	4047.186	33.73	53.96	"
	0.590	162	100		3.445	344.5	39.16	13490.62	112.42	179.87	"
CD7	0.590	162	50	(12.00+2.00)/2*2.50	17.5	875	44.33	38788.75	323.24	517.18	Abdesh Prasad
San.10	0.590	162						52700			Abdesh Prasad

3. Patehra

Name of Work	Benefited area (h)	Field No. / Khsara No.	Length	Area of work		Work Measurement	Rate	Total Cost (Rs.)	Manday	Contribution	Name of Farmers
				Width * Height	C.S. (Area)				Rs 120/Labour	SC/ST- 5, OBC/Gen- 10%	
SB1	2.275	391	120	(3.40+0.70)/2*0.90	1.845	221.4	39.16	8670.02	72.25	115.60	Rmashnkar
	2.856	392	150		1.845	276.75	39.16	10837.53	90.31	144.50	Ram Lallu
	0.479	393	50		1.845	92.25	39.16	3612.51	30.10	48.17	Mulchndra
	1.657	396	130		1.845	239.85	39.16	9392.53	78.27	125.23	Ashrifi Lal
SB2	0.891	381	200		1.845	369	39.16	14450.04	120.42	192.67	Heralal
	1.212	389	180		1.845	332.1	39.16	13005.04	108.38	173.40	Klavati
PB1	1.056	292	52	(4.60+0.70)/2*1.30	3.445	179.14	39.16	7015.12	58.46	93.53	Bagvaan deen
PB2	0.043	309	363		3.445	1250.535	39.16	48970.95	408.09	652.95	Mitahi Lal
	1.924	306	142		3.445	489.19	39.16	19156.68	159.64	255.42	Ram Pati
	0.383	307	43		3.445	148.135	39.16	5800.97	48.34	77.35	Shyam Lal
PB3	1.056	292	261		3.445	899.145	39.16	35210.52	293.42	469.47	Bagvaan deen
	0.161	290	100		3.445	344.5	39.16	13490.62	112.42	179.87	Ghncu
	1.073	277	270		3.445	930.15	39.16	36424.67	303.54	485.66	Gokul
	0.279	279	60		3.445	206.7	39.16	8094.37	67.45	107.92	Tersu
	0.157	254	30		3.445	103.35	39.16	4047.19	33.73	53.96	Basant Lal
	1.367	256	210		3.445	723.45	39.16	28330.30	236.09	377.74	Beni Prasad
PB4	0.023	303	20		3.445	68.9	39.16	2698.12	22.48	35.97	Ram Pati
	0.011	301	22		3.445	75.79	39.16	2967.94	24.73	39.57	"
	0.046	300	26		3.445	89.57	39.16	3507.56	29.23	46.77	"
PB5	0.428	260	118		3.445	406.51	39.16	15918.93	132.66	212.25	"
	0.434	259	103		3.445	354.835	39.16	13895.34	115.79	185.27	Chote Lal
MB1	0.843	310	141		3.445	485.745	39.16	19021.77	158.51	253.62	Mitahi Lal
MB2	3.667	311	63		3.445	217.035	39.16	8499.09	70.83	113.32	Lavlesh Kumar
	3.066	312	298		3.445	1026.61	39.16	40202.05	335.02	536.03	Rmashnkar
MB3	1.924	306	97		3.445	334.165	39.16	13085.90	109.05	174.48	Ram Pati
MB4A	0.365	356	94		3.445	323.83	39.16	12681.18	105.68	169.08	Kirpashnkar

MB4B	0.365	356	76		3.445	261.82	39.16	10252.87	85.44	136.70	"
MB4C	0.365	356	80		3.445	275.6	39.16	10792.50	89.94	143.90	"
MB5	0.265	280	123		3.445	423.735	39.16	16593.46	138.28	221.25	Ramdev
	11.096	287	42		3.445	144.69	39.16	5666.06	47.22	75.55	Reghi
	0.474	277	86		3.445	296.27	39.16	11601.93	96.68	154.69	Aganu
MB5A	0.474	286	42		3.445	144.69	39.16	5666.06	47.22	75.55	Aganu
MB6	0.541	285	69		3.445	237.705	39.16	9308.53	77.57	124.11	Aganu
	0.516	250	60		3.445	206.7	39.16	8094.37	67.45	107.92	Jagdev
	0.497	251	41		3.445	141.245	39.16	5531.15	46.09	73.75	Ramdev

Summary of Watershed Kihuni Kala				
Sl. No.	Name of village	Name of Panchyat	T. Area	Amount in Lakhs
1	Kihuni Khurd	Kihuni Khurd	283.452	22.6797
2	Kihuni Kala	Kihuni Khurd	186.698	8.61959
3	Kaithwal	Kaithwal	16.608	1.57590
4	Mahuli Kala	Mahuli Kala	5.242	0.18785
5	Chnd Khmria	Chnd Khmria		
			492	33.06304

Summary of Watershed Kihuni Khurd				
Sl. No.	Items	Length/mt.	E/W m ³	Amount
1	P.B.	11457	21138.165	827770
2	M.B.	4281	14748.045	577533
3	S.B.	1902	6552.39	256591
4	C.D.	6/270	4310.25	191073
5	Pukka Work			312200
6	Afforastration			102800
				2267967

Gram Panchyat- Kihuni Khurd

Name of Work	Benefited area (h)	Field No. / Khsara No.	Length	Area of work		C.S. (Area)	Work Measurement	Rate	Total Cost (Rs.)	Manday	Contribution	Name of Farmers
				Rs 120/Labour	SC/ST- 5,					OBC/Gen- 10%		
SB1	0.171	1129	22	(3.40+0.70)/2*0.90		1.845	40.59	39.16	1589.5	13.25	21.19	Krishna Dutt
SB2	0.685	553	92			1.845	169.74	39.16	6647.0	55.39	88.63	Krishna Prasad
SB2A	0.651	553	13			1.845	23.985	39.16	939.3	7.83	12.52	"
SB6	1.614	1047	140			1.845	258.3	39.16	10115.0	84.29	134.87	Ram Narayan
"	1.100	1054	100			1.845	184.5	39.16	7225.0	60.21	96.33	Ramhrash
SB7	0.982	990	240			1.845	442.8	39.16	17340.0	144.50	231.20	Ram Narayan
SB8	0.593	983	100			1.845	184.5	39.16	7225.0	60.21	96.33	Triveni Prasad
	0.213	984	80			1.845	147.6	39.16	5780.0	48.17	77.07	"
SB9	3.265	1086	90			1.845	166.05	39.16	6502.5	54.19	86.70	Ram Adhr
SB10	3.265	1086	380			1.845	701.1	39.16	27455.1	228.79	366.07	"
SB11	3.265	1086	130			1.845	239.85	39.16	9392.5	78.27	125.23	"
SB12	2.336	1045	250			1.845	461.25	39.16	18062.6	150.52	240.83	Chindrika Prasad
SB13	2.336	1045	100			1.845	184.5	39.16	7225.0	60.21	96.33	"
SB14	2.532	961	240			1.845	442.8	39.16	17340.0	144.50	231.20	Triveni
SB15	2.532	961	250			1.845	461.25	39.16	18062.6	150.52	240.83	"
SB16	2.037	796	300			1.845	553.5	39.16	21675.1	180.63	289.00	Lalta Prasad
SB17	0.635	858	100			1.845	184.5	39.16	7225.0	60.21	96.33	Kamlakar
	3.262	860	90			1.845	166.05	39.16	6502.5	54.19	86.70	Gulab Datt
	2.110	884	70			1.845	129.15	39.16	5057.5	42.15	67.43	"
SB18	0.468	831	220			1.845	405.9	39.16	15895.0	132.46	211.93	Krishna Datt
SB19	1.952	819	240			1.845	442.8	39.16	17340.0	144.50	231.20	Kamlashwar
SB20	1.285	797	230			1.845	424.35	39.16	16617.5	138.48	221.57	
SB21	0.320	798	60			1.845	110.7	39.16	4335.0	36.13	57.80	Hirabati
	0.742	800	50			1.845	92.25	39.16	3612.5	30.10	48.17	Hirabati
	0.902	805	130			1.845	239.85	39.16	9392.5	78.27	125.23	Ramnibhl
SB22	0.913	696	130			1.845	239.85	39.16	9392.5	78.27	125.23	Ramnarayan

SB23	3.878	750	200	1.845	369	39.16	14450.0	120.42	192.67	kamlakar
SB24	0.160	672	80	1.845	147.6	39.16	5780.0	48.17	77.07	Ramnarayan
	0.708	673	120	1.845	221.4	39.16	8670.0	72.25	115.60	"
SB25	1.106	880	120	1.845	221.4	39.16	8670.0	72.25	115.60	Laxminarayan
	2.136	886	60	1.845	110.7	39.16	4335.0	36.13	57.80	Vissambar Prasad
SB26	2.136	886	150	1.845	276.75	39.16	10837.5	90.31	144.50	"
SB27	1.519	455	450	1.845	830.25	39.16	32512.6	270.94	433.50	"
SB28	2.577	484	250	1.845	461.25	39.16	18062.6	150.52	240.83	Vindhyabasini
SB29	2.625	478	200	1.845	369	39.16	14450.0	120.42	192.67	Ganga Prasad
SB30	0.103	652	70	1.845	129.15	39.16	5057.5	42.15	67.43	Rajmani
	0.091	653	40	1.845	73.8	39.16	2890.0	24.08	38.53	"
	0.422	642	100	1.845	184.5	39.16	7225.0	60.21	96.33	"
SB31	1.776	621	80	1.845	147.6	39.16	5780.0	48.17	77.07	Shrikant
	2.628	622	180	1.845	332.1	39.16	13005.0	108.38	173.40	Laxminarayan
SB32	1.400	615	280	1.845	516.6	39.16	20230.1	168.58	269.73	Hrishnkar
SB42	0.295	567	200	1.845	369	39.16	14450.0	120.42	192.67	Gulabchndra
SB46	0.422	577	120	1.845	221.4	39.16	8670.0	72.25	115.60	Abadh Narayan
	0.068	587	30	1.845	55.35	39.16	2167.5	18.06	28.90	"
	0.046	591	30	1.845	55.35	39.16	2167.5	18.06	28.90	Krishnakant
	0.068	595	30	1.845	55.35	39.16	2167.5	18.06	28.90	Rajnarayan
	0.148	597	80	1.845	147.6	39.16	5780.0	48.17	77.07	Krishnakant
SB47	0.121	514	80	1.845	147.6	39.16	5780.0	48.17	77.07	Ramkali
	1.911	513	70	1.845	129.15	39.16	5057.5	42.15	67.43	Rajkali
	1.157	512	50	1.845	92.25	39.16	3612.5	30.10	48.17	Gandalal
	0.790	511	80	1.845	147.6	39.16	5780.0	48.17	77.07	Gulabdatt
SB48	0.343	660	120	1.845	221.4	39.16	8670.0	72.25	115.60	Krishnarayan
	0.380	669	60	1.845	110.7	39.16	4335.0	36.13	57.80	Aadhprasad
	0.536	670	110	1.845	202.95	39.16	7947.5	66.23	105.97	Ramnarayan
SB50	6.131	745	250	1.845	461.25	39.16	18062.6	150.52	240.83	Ramji
SB49	1.484	852	190	1.845	350.55	39.16	13727.5	114.40	183.03	Ishweri Narayan
	0.137	888	40	1.845	73.8	39.16	2890.0	24.08	38.53	Chviraji

	0.285	889	50		1.845	92.25	39.16	3612.5	30.10	48.17	Ishweri Narayan
	0.309	890	40		1.845	73.8	39.16	2890.0	24.08	38.53	"
SB51	1.057	753	210		1.845	387.45	39.16	15172.5	126.44	202.30	Shivbosan
SB52	3.511	449	200		1.845	369	39.16	14450.0	120.42	192.67	Ganga Prasad
SB53	0.194	564	80		1.845	147.6	39.16	5780.0	48.17	77.07	Ramnarayan
	0.189	565	60		1.845	110.7	39.16	4335.0	36.13	57.80	Nirmala Devi
SB54	0.295	567	170		1.845	313.65	39.16	12282.5	102.35	163.77	Gulabchndra
SB55	0.056	292	40		1.845	73.8	39.16	2890.0	24.08	38.53	Nathu Ram
	0.114	295	50		1.845	92.25	39.16	3612.5	30.10	48.17	"
	0.046	294	40		1.845	73.8	39.16	2890.0	24.08	38.53	Ganga Prasad
	0.091	297	50		1.845	92.25	39.16	3612.5	30.10	48.17	Nathu Ram
	0.046	298	30		1.845	55.35	39.16	2167.5	18.06	28.90	"
	0.080	299	30		1.845	55.35	39.16	2167.5	18.06	28.90	"
	0.091	300	50		1.845	92.25	39.16	3612.5	30.10	48.17	Ganga Prasad
SB75	0.240	677	90		1.845	166.05	39.16	6502.5	54.19	86.70	Aadhprasad
	0.457	682	90		1.845	166.05	39.16	6502.5	54.19	86.70	"
SB76	0.279	698	50		1.845	92.25	39.16	3612.5	30.10	48.17	Ramnibhl
	0.742	801	90		1.845	166.05	39.16	6502.5	54.19	86.70	"
	0.342	803	90		1.845	166.05	39.16	6502.5	54.19	86.70	Hirabati
SB77	0.240	808	70		1.845	129.15	39.16	5057.5	42.15	67.43	Lalta Prasad
	0.342	811	70		1.845	129.15	39.16	5057.5	42.15	67.43	Nageshwar Prasad
SB78	0.183	823	70		1.845	129.15	39.16	5057.5	42.15	67.43	Lalta Prasad
	0.337	826	70		1.845	129.15	39.16	5057.5	42.15	67.43	"
	0.895	827	120		1.845	221.4	39.16	8670.0	72.25	115.60	"
SB79	0.217	853	80		1.845	147.6	39.16	5780.0	48.17	77.07	Chviraji
	0.342	854	80		1.845	147.6	39.16	5780.0	48.17	77.07	Krishna Datt
	0.057	855	20		1.845	36.9	39.16	1445.0	12.04	19.27	Ishweri Narayan
SB80	1.062	849	40		1.845	73.8	39.16	2890.0	24.08	38.53	Krishna Datt
	0.263	850	50		1.845	92.25	39.16	3612.5	30.10	48.17	Krishna Datt
SB81	0.102	920	60		1.845	110.7	39.16	4335.0	36.13	57.80	Ishweri Narayan
	0.331	921	80		1.845	147.6	39.16	5780.0	48.17	77.07	Gyanchndra

	0.308	922	70		1.845	129.15	39.16	5057.5	42.15	67.43	Ishweri Narayan
SB82	0.114	906	80		1.845	147.6	39.16	5780.0	48.17	77.07	Brijesh Kumar
	0.475	907	40		1.845	73.8	39.16	2890.0	24.08	38.53	Gurunarayan
	0.619	908	50		1.845	92.25	39.16	3612.5	30.10	48.17	Ishwan Narayan
SB83	0.240	919	70		1.845	129.15	39.16	5057.5	42.15	67.43	Ishweri Narayan
	0.510	915	60		1.845	110.7	39.16	4335.0	36.13	57.80	Ramsajevan
	0.031	913	80		1.845	147.6	39.16	5780.0	48.17	77.07	Krishna Datt
	0.263	912	50		1.845	92.25	39.16	3612.5	30.10	48.17	Krishna Datt
SB84	0.137	910	60		1.845	110.7	39.16	4335.0	36.13	57.80	Ishweri Narayan
	0.845	911	80		1.845	147.6	39.16	5780.0	48.17	77.07	"
SB85	0.510	915	50		1.845	92.25	39.16	3612.5	30.10	48.17	Ramsajevan
	0.125	918	70		1.845	129.15	39.16	5057.5	42.15	67.43	Ishweri Narayan
SB86	0.419	764	220		1.845	405.9	39.16	15895.0	132.46	211.93	Kashi Prasad
SB87	0.542	791	80		1.845	147.6	39.16	5780.0	48.17	77.07	Prabhkar
	0.541	790	70		1.845	129.15	39.16	5057.5	42.15	67.43	"
SB89	0.895	829	240		1.845	442.8	39.16	17340.0	144.50	231.20	Gram Samaj
MB1	0.342	935	70	(4.60+0.70)/2*1.30	3.445	241.15	39.16	9443.4	78.70	125.91	Munni Lal
	0.458	1132	117		3.445	403.07	39.16	15784.0	131.53	210.45	Krishna Datt
MB1A	0.458	1132	27		3.445	93.02	39.16	3642.5	30.35	48.57	Krishna Datt
MB1B	1.445	1130	18		3.445	62.01	39.16	2428.3	20.24	32.38	"
MB1C	1.445	1130	27		3.445	93.02	39.16	3642.5	30.35	48.57	"
MB2	0.673	936	117		3.445	403.07	39.16	15784.0	131.53	210.45	Krishna Datt
MB2A	0.673	936	27		3.445	93.02	39.16	3642.5	30.35	48.57	"
MB3	1.445	1130	100		3.445	344.50	39.16	13490.6	112.42	179.87	"
MB3	0.411	1127	178		3.445	613.21	39.16	24013.3	200.11	320.18	Gram Samaj
MB4	0.411	1127	123		3.445	423.74	39.16	16593.5	138.28	221.25	"
MB4A	0.131	1131	75		3.445	258.38	39.16	10118.0	84.32	134.91	Krishna Datt
MB4B	1.445	1130	57		3.445	196.37	39.16	7689.7	64.08	102.53	"
MB5	0.593	1127	82		3.445	282.49	39.16	11062.3	92.19	147.50	Gram Samaj
MB5A	0.240	1126	65		3.445	223.93	39.16	8768.9	73.07	116.92	"
MB6	0.121	1129	23		3.445	79.24	39.16	3102.8	25.86	41.37	Krishna Datt

MB6A	0.121	1129	165		3.445	568.43	39.16	22259.5	185.50	296.79	"
	0.593	1127	168		3.445	578.76	39.16	22664.2	188.87	302.19	Gram Samaj
MB7A	0.593	1127	37		3.445	127.47	39.16	4991.5	41.60	66.55	"
MB7B	0.593	1127	34		3.445	117.13	39.16	4586.8	38.22	61.16	"
MB7C	0.593	1127	24		3.445	82.68	39.16	3237.7	26.98	43.17	"
MB8	0.411	1128	24		3.445	82.68	39.16	3237.7	26.98	43.17	Krishna Datt
MB8A	0.399	1125	150		3.445	516.75	39.16	20235.9	168.63	269.81	"
	0.593	1127	156		3.445	537.42	39.16	21045.4	175.38	280.60	Gram Samaj
MB9	4.310	1121	96		3.445	330.72	39.16	12951.0	107.92	172.68	Nanhe Lal
MB10A	0.261	1122	70		3.445	241.15	39.16	9443.4	78.70	125.91	Ramnarayan
MB10B	0.261	1122	105		3.445	361.73	39.16	14165.2	118.04	188.87	Ramnarayan
MB10C	1.082	1122	85		3.445	292.83	39.16	11467.0	95.56	152.89	"
MB11	4.310	1121	138		3.445	475.41	39.16	18617.1	155.14	248.23	Nanhe Lal
MB12	0.683	936	28		3.445	96.46	39.16	3777.4	31.48	50.36	Krishna Datt
MB13	0.114	937	120		3.445	413.40	39.16	16188.7	134.91	215.85	"
MB14		1121	120		3.445	413.40	39.16	16188.7	134.91	215.85	Nanhe Lal
MB15A	4.310	1121	120		3.445	413.40	39.16	16188.7	134.91	215.85	"
MB15B	4.310	1121	88		3.445	303.16	39.16	11871.7	98.93	158.29	"
MB16	0.121	558	73		3.445	251.49	39.16	9848.2	82.07	131.31	"
MB17	0.574	554	58		3.445	199.81	39.16	7824.6	65.20	104.33	Brijnarayan
MB18	0.365	555	55		3.445	189.48	39.16	7419.8	61.83	98.93	Adhya Prasad
MB19	0.742	657	32		3.445	110.24	39.16	4317.0	35.97	57.56	Nathu Ram
MB20	0.525	658	87		3.445	299.72	39.16	11736.8	97.81	156.49	"
MB21	0.479	656	62		3.445	213.59	39.16	8364.2	69.70	111.52	"
MB22	0.662	659	115		3.445	396.18	39.16	15514.2	129.29	206.86	"
MB23	0.479	656	40		3.445	137.80	39.16	5396.2	44.97	71.95	"
	0.742	657	35		3.445	120.58	39.16	4721.7	39.35	62.96	"
MB25	0.263	1076	50		3.445	172.25	39.16	6745.3	56.21	89.94	Chndrasekhr
	0.685	1080	25		3.445	86.13	39.16	3372.7	28.11	44.97	"
	0.114	1075	25		3.445	86.13	39.16	3372.7	28.11	44.97	Ramnarayan
	0.279	1072	70		3.445	241.15	39.16	9443.4	78.70	125.91	Ghirilalia

	0.249	1071	70		3.445	241.15	39.16	9443.4	78.70	125.91	Ghirisia
MB26	2.319	1070	100		3.445	344.50	39.16	13490.6	112.42	179.87	Shri Ramhrash
	0.187	1069	75		3.445	258.38	39.16	10118.0	84.32	134.91	Mubaer
	0.517	1068	100		3.445	344.50	39.16	13490.6	112.42	179.87	Bajju
	0.098	1066	75		3.445	258.38	39.16	10118.0	84.32	134.91	Babdari
MB27	0.491	1052	200		3.445	689.00	39.16	26981.2	224.84	359.75	Bhivanand
	0.285	1051	50		3.445	172.25	39.16	6745.3	56.21	89.94	Ramaadhr
	0.388	1050	50		3.445	172.25	39.16	6745.3	56.21	89.94	Ramaadhr
PB1	0.365	556	91		3.445	313.50	39.16	12276.5	102.30	163.69	Aadhprasad
PB2	0.468	657	98		3.445	337.61	39.16	13220.8	110.17	176.28	Krishna
PB3	0.236	558	15		3.445	51.68	39.16	2023.6	16.86	26.98	Ramnihor
PB5	0.354	928	70		3.445	241.15	39.16	9443.4	78.70	125.91	Shri Narayan
PB6	2.049	829	160		3.445	551.20	39.16	21585.0	179.87	287.80	Gram Samaj
PB7	1.119	814	150		3.445	516.75	39.16	20235.9	168.63	269.81	Kameshwar Lalta Prasad
PB8	0.662	802	150		3.445	516.75	39.16	20235.9	168.63	269.81	Vissambar Nath
PB9	1.427	695	160		3.445	551.20	39.16	21585.0	179.87	287.80	Dayashnkar
PB10	0.427	694	120		3.445	413.40	39.16	16188.7	134.91	215.85	Ramnarayan
PB11	0.388	685	50		3.445	172.25	39.16	6745.3	56.21	89.94	Rajmani
	0.942	684	80		3.445	275.60	39.16	10792.5	89.94	143.90	Ramraksh
PB12	0.432	937	70		3.445	241.15	39.16	9443.4	78.70	125.91	Munni Lal
	0.165	932	50		3.445	172.25	39.16	6745.3	56.21	89.94	Krishna Datt
	0.342	934	30		3.445	103.35	39.16	4047.2	33.73	53.96	Munni Lal
PB13	0.741	834	120		3.445	413.40	39.16	16188.7	134.91	215.85	Krishna Datt
	0.559	833	40		3.445	137.80	39.16	5396.2	44.97	71.95	Krishna Datt
PB14	0.574	555	100		3.445	344.50	39.16	13490.6	112.42	179.87	Gulab chndra
	0.753	552	100		3.445	344.50	39.16	13490.6	112.42	179.87	Gulab chndra
	0.434	551	100		3.445	344.50	39.16	13490.6	112.42	179.87	Gyan chndra
	0.422	550	150		3.445	516.75	39.16	20235.9	168.63	269.81	Ganga Prasad
CD1	0.365	556	30	(9.90+1.50)/2*2.10	11.97	359.10	44.33	15918.9	132.66	212.25	Adhya Prasad
CD2	0.068	557	20		11.97	239.40	44.33	10612.6	88.44	141.50	Nala
CD3	0.525	658	25		11.97	299.25	44.33	13265.8	110.55	176.88	Nathu Ram

CD5	0.080	843	20	(12.00+2.00)/2*2.50	17.50	350.00	44.33	15515.5	129.30	206.87	Ishweri Narayan
	0.046	844	20		17.50	350.00	44.33	15515.5	129.30	206.87	"
	0.114	924	30		17.50	525.00	44.33	23273.3	193.94	310.31	"
CD6	0.605	1080	75		17.50	1312.50	44.33	58183.1	484.86	775.78	Chndrasekhr
CD7	0.696	1073	50		17.50	875.00	44.33	38788.8	323.24	517.18	Ghiragiya
Sanrachy1	0.365	556									Adh Prasad
Sanrachy2	0.068	657									Nala
Sanrachy3	0.525	658									Nathu Ram
Sanrachy4	0.696	1073									Dhirjia
Sanrachy5	0.605	1080									Chndrasekhr
Sanrachy6	0.080	843									Ishwer Narayan

2. Kihuni Kala

Name of Work	Benefited area (h)	Field No. / Khsara No.	Length	Area of work		C.S. (Area)	Work Measurement	Rate	Total Cost (Rs.)	Manday	Contribution	Name of Farmers
				Rs 120/Labour	SC/ST- 5, OBC/Gen- 10%							
SB33	3.804	559	260	(3.40+0.70)/2*0.90		1.845	479.7	39.16	18785.05	156.54	250.47	Sushila Devi
SB34	0.571	541	200			1.845	369	39.16	14450.04	120.42	192.67	Ramanuj
SB35	0.753	495	140			1.845	258.3	39.16	10115.03	84.29	134.87	Shom Nath
SB36	0.765	486	170			1.845	313.65	39.16	12282.53	102.35	163.77	Ramanuj
SB37	0.525	471	70			1.845	129.15	39.16	5057.51	42.15	67.43	Vijay Shnkar
	0.514	478	130			1.845	239.85	39.16	9392.53	78.27	125.23	Shyam Lal
SB38	1.187	409	200			1.845	369	39.16	14450.04	120.42	192.67	Jahwahr Lal
SB39	1.395	564	200			1.845	369	39.16	14450.04	120.42	192.67	Vijay Shnkar
SB41	3.852	366	250			1.845	461.25	39.16	18062.55	150.52	240.83	Vindh Vasni
SB43	5.143	368	240			1.845	442.8	39.16	17340.05	144.50	231.20	jagdish Prasad
SB44	10.960	341	260			1.845	479.7	39.16	18785.05	156.54	250.47	Sangam Lal
SB45	0.810	329	170			1.845	313.65	39.16	12282.53	102.35	163.77	Jahg Jevan Lal
SB56	3.116	311	160			1.845	295.2	39.16	11560.03	96.33	154.13	Kashi Prasad

SB57	0.422	342	210		1.845	387.45	39.16	15172.54	126.44	202.30	Kamla Devi
	0.194	343	50		1.845	92.25	39.16	3612.51	30.10	48.17	Bahgvaan Das
SB58	0.645	355	80		1.845	147.6	39.16	5780.02	48.17	77.07	Shyam Sundar
	0.320	350	100		1.845	184.5	39.16	7225.02	60.21	96.33	Kamla Devi
SB59	0.730	515	90		1.845	166.05	39.16	6502.52	54.19	86.70	Ramanuj
SB60	0.148	424	70		1.845	129.15	39.16	5057.51	42.15	67.43	Tolean Prasad
	0.205	426	60		1.845	110.7	39.16	4335.01	36.13	57.80	"
	0.502	428	60		1.845	110.7	39.16	4335.01	36.13	57.80	Durga Prasad
	0.205	459	50		1.845	92.25	39.16	3612.51	30.10	48.17	Radhika Prasad
	0.091	458	70		1.845	129.15	39.16	5057.51	42.15	67.43	Durga Prasad
SB61	0.560	404	50		1.845	92.25	39.16	3612.51	30.10	48.17	Bhi Lal
	0.573	405	50		1.845	92.25	39.16	3612.51	30.10	48.17	Hera Lal
	1.224	406	80		1.845	147.6	39.16	5780.02	48.17	77.07	Ram Abhilash
SB62	0.308	175	130		1.845	239.85	39.16	9392.53	78.27	125.23	Ram Jatan
	0.171	184	80		1.845	147.6	39.16	5780.02	48.17	77.07	"
	5.296	188	50		1.845	92.25	39.16	3612.51	30.10	48.17	Munni Lal
SB64	0.080	456	40		1.845	73.8	39.16	2890.01	24.08	38.53	Radhika Prasad
	0.251	457	60		1.845	110.7	39.16	4335.01	36.13	57.80	Durga Prasad
	0.148	450	80		1.845	147.6	39.16	5780.02	48.17	77.07	Sathya Narayan
SB65	1.281	430	100		1.845	184.5	39.16	7225.02	60.21	96.33	Durga Prasad
	0.756	431	160		1.845	295.2	39.16	11560.03	96.33	154.13	Radhika Prasad
SB66	0.046	189	50		1.845	92.25	39.16	3612.51	30.10	48.17	Munni Lal
	5.289	188	200		1.845	369	39.16	14450.04	120.42	192.67	Munni Lal
SB67	0.114	172	50		1.845	92.25	39.16	3612.51	30.10	48.17	Uma Shnkar
	0.742	410	120		1.845	221.4	39.16	8670.02	72.25	115.60	Rma Shnkar
SB68	0.481	474	70		1.845	129.15	39.16	5057.51	42.15	67.43	Moti Lal
	0.399	476	80		1.845	147.6	39.16	5780.02	48.17	77.07	Ramanuj
SB69	0.593	508	70		1.845	129.15	39.16	5057.51	42.15	67.43	Durga Prasad
	0.719	513	110		1.845	202.95	39.16	7947.52	66.23	105.97	Ram Surat
SB70	0.011	499	40		1.845	73.8	39.16	2890.01	24.08	38.53	Shom Nath
	0.137	505	50		1.845	92.25	39.16	3612.51	30.10	48.17	Sushila Devi

	0.217	506	60		1.845	110.7	39.16	4335.01	36.13	57.80	jagdish Prasad
SB71	0.034	530	60		1.845	110.7	39.16	4335.01	36.13	57.80	Devi Lal
	0.068	531	30		1.845	55.35	39.16	2167.51	18.06	28.90	Tolean Prasad
	0.091	532	20		1.845	36.9	39.16	1445.00	12.04	19.27	Mishri Lal
	0.217	534	50		1.845	92.25	39.16	3612.51	30.10	48.17	"
SB72	0.171	523	50		1.845	92.25	39.16	3612.51	30.10	48.17	Shetla
	0.034	554	30		1.845	55.35	39.16	2167.51	18.06	28.90	Chvi Mohn
	0.103	555	40		1.845	73.8	39.16	2890.01	24.08	38.53	Devi Lal
	0.685	556	80		1.845	147.6	39.16	5780.02	48.17	77.07	Chvi Mohn
SB73	0.651	487	80		1.845	147.6	39.16	5780.02	48.17	77.07	Moti Lal
	0.799	493	80		1.845	147.6	39.16	5780.02	48.17	77.07	Durga Prasad
SB74	0.034	573	80		1.845	147.6	39.16	5780.02	48.17	77.07	Rajendra
	1.219	577	80		1.845	147.6	39.16	5780.02	48.17	77.07	Abdesh
MB28	0.479	536	100	(4.60+0.70)/2*1.30	3.445	344.5	39.16	13490.62	112.42	179.87	Gram Samaj
	0.514	537	100		3.445	344.5	39.16	13490.62	112.42	179.87	"
	0.719	513	100		3.445	344.5	39.16	13490.62	112.42	179.87	Ram Surat
MB29	0.856	177	200		3.445	689	39.16	26981.24	224.84	359.75	Krishna Ram
	2.694	188	100		3.445	344.5	39.16	13490.62	112.42	179.87	Munni Lal
MB30	0.435	480	100		3.445	344.5	39.16	13490.62	112.42	179.87	Sri Nath
	0.682	482	160		3.445	551.2	39.16	21584.99	179.87	287.80	Jagdish
	0.337	502	100		3.445	344.5	39.16	13490.62	112.42	179.87	Radhika Prasad
PB15	2.074	580	50		3.445	172.25	39.16	6745.31	56.21	89.94	Ravi Shnkar
	1.404	582	250		3.445	861.25	39.16	33726.55	281.05	449.69	Uma Shnkar
PB16	1.712	553	120		3.445	413.4	39.16	16188.74	134.91	215.85	Gram Samaj
PB17	0.685	545	80		3.445	275.6	39.16	10792.50	89.94	143.90	Uma Shnkar
	0.114	544	50		3.445	172.25	39.16	6745.31	56.21	89.94	Mishri Lal
	0.274	543	80		3.445	275.6	39.16	10792.50	89.94	143.90	Ram Surat
	0.386	542	80		3.445	275.6	39.16	10792.50	89.94	143.90	Ramanuj
PB18	0.776	538	80		3.445	275.6	39.16	10792.50	89.94	143.90	Ramanuj
	5.426	570	80		3.445	275.6	39.16	10792.50	89.94	143.90	Gomati Prasad
PB19	0.959	509	120		3.445	413.4	39.16	16188.74	134.91	215.85	Durga Prasad

	0.137	492	50		3.445	172.25	39.16	6745.31	56.21	89.94	Moti Lal
	0.034	491	40		3.445	137.8	39.16	5396.25	44.97	71.95	"
	0.297	490	80		3.445	275.6	39.16	10792.50	89.94	143.90	Moti Lal
	0.285	489	40		3.445	137.8	39.16	5396.25	44.97	71.95	Ramanuj
	0.481	474	80		3.445	275.6	39.16	10792.50	89.94	143.90	Moti Lal
CD8	936	510	40	(12.00+2.00)/2*2.50	17.5	700	44.33	31031.00	258.59	413.75	Ramanuj
S7	0.936	510									Ramanuj

3. Kaithwal

Name of Work	Benefited area (h)	Field No. / Khsara No.	Length	Area of work		Work Measurement	Rate	Total Cost (Rs.)	Manday	Contribution	Name of Farmers
				Width * Height	C.S. (Area)				Rs 120/Labour	SC/ST- 5, OBC/Gen- 10%	
SB3	3.094	115	300	(3.40+0.70)/2*0.90	1.845	553.5	39.16	21675.06	180.63	289.00	Ghyan Chnd, Raj Mani
SB4	0.642	224	100		1.845	184.5	39.16	7225.02	60.21	96.33	Rakesh, Rajesh
	0.436	225	50		1.845	92.25	39.16	3612.51	30.10	48.17	RamKishn
SB5	1.132	107	100		1.845	184.5	39.16	7225.02	60.21	96.33	Santi Devi
	1.412	110	100		1.845	184.5	39.16	7225.02	60.21	96.33	Raj Narayan
MB24	6.510	105	200	(4.60+0.70)/2*1.30	3.445	689	39.16	26981.24	224.84	359.75	Ram
PB4	2.132	227	160		3.445	551.2	39.16	21584.992	179.87	287.80	Mishri Lal
CD4	6.51	105	80	(12.00+2.00)/2*2.50	17.5	1400	44.33	62062	517.18	827.49	Ram

4. Muhili Kala

Name of Work	Benefited area (h)	Field No. / Khsara No.	Length	Area of work		Work Measurement	Rate	Total Cost (Rs.)	Manday	Contribution	Name of Farmers
				Rs 120/Labour	SC/ST- 5,						
				Width * Height	C.S. (Area)			OBC/Gen- 10%			
SB63	0.463	1261	120	(3.40+0.70)/2*0.90	1.845	221.4	39.16	8670.02	72.25	115.60	Vinay Kumar
	0.642	1265	60		1.845	110.7	39.16	4335.01	36.13	57.80	Krishn Paal
	0.730	1266	30		1.845	55.35	39.16	2167.51	18.06	28.90	Kalu
	0.561	1267	50		1.845	92.25	39.16	3612.51	30.10	48.17	Naresh

MWS- Pawari

Summary of Watershed Pawari				
Sl. No.	Name of village	Name of Panchyat	T. Area	Amount in Lakhs
1	Pawari	Pawari	312.380	1683724
2	Kihuni Kala	Kihuni Khurd (Kihuni Kala)	64.868	497292
3	Jamsot	Jamuwa (Jamsot)	320.427	126178
4	Khouch	Dhobht (Khouch)	33.327	668806
				2976000

1. Khouch

Name of Work	Benefited area (h)	Field No. / Khsara No.	Length	Area of work		Work Measurement	Rate	Total Cost (Rs.)	Manday	Contribution	Name of Farmers
				Rs 120/Labour	SC/ST- 5,						
				Width * Height	C.S. (Area)			OBC/Gen- 10%			
PB2	1.850	4	210	(4.60+0.70)/2*1.30	3.445	723.45	39.16	28330.30	236.09	377.74	Sunil Kumar
	3.231	5	250		3.445	861.25	39.16	33726.55	281.05	449.69	Ram Kumar
	0.810	8	330		3.445	1136.85	39.16	44519.05	370.99	593.59	Abdesh Kumar
	1.722	9	160		3.445	551.2	39.16	21584.99	179.87	287.80	Abdesh Kumar
	1.792	11	240		3.445	826.8	39.16	32377.49	269.81	431.70	Ram Kumar

MB1	1.3046	6	340		3.445	1171.3	39.16	45868.11	382.23	611.57	Brij Kali etc.
	0.810	8	90		3.445	310.05	39.16	12141.56	101.18	161.89	Abdesh Kumar
	1.722	9	150		3.445	516.75	39.16	20235.93	168.63	269.81	Abdesh Kumar
SB9	0.354	4	50	(3.40+0.70)/2*0.90	1.845	92.25	39.16	3612.51	30.10	48.17	Ram Kumar, Prem Shhnkar
	0.172	5	160		1.845	295.2	39.16	11560.03	96.33	154.13	Ram Kumar etc.
	1.712	15	180		1.845	332.1	39.16	13005.04	108.38	173.40	Ram Kumar
	4.180	14	160		1.845	295.2	39.16	11560.03	96.33	154.13	Abdesh Kumar
CD1	0.354	4	50	(12.00+2.00)/2*2.50	17.50	875	44.33	38788.75	323.24	517.18	Ram Kumar, Prem Shhnkar
CD2	1.496	3	50		17.50	875	44.33	38788.75	323.24	517.18	Sunil Kumar etc.
CD3	0.810	8	60		17.50	1050	44.33	46546.50	387.89	620.62	Abdesh Kumar, Ram Kumar
CD4	1.722	9	50		17.50	875	44.33	38788.75	323.24	517.18	Abdesh Kumar
CD5	0.296	10	50		17.50	875	44.33	38788.75	323.24	517.18	Raj Kanti Devi
CD6	0.890	11	70		17.50	1225	44.33	54304.25	452.54	724.06	Ram Kumr etc.

2. Pawari

Name of Work	Benefited area (h)	Field No. / Khsara No.	Length	Area of work		C.S. (Area)	Work Measurement	Rate	Total Cost (Rs.)	Manday	Contribution	Name of Farmers
				Rs 120/Labour	SC/ST- 5,					OBC/Gen- 10%		
PB1	0.616	344	140	(4.60+0.70)/2*1.30		3.445	482.3	39.16	18886.87	157.39	251.82	Gaya Prasad
	1.096	321	250			3.445	861.25	39.16	33726.55	281.05	449.69	Jagat Narayan
	1.277	311	200			3.445	689	39.16	26981.24	224.84	359.75	Kamla Prasad Singh
	0.931	309	180			3.445	620.1	39.16	24283.12	202.36	323.77	Kamla Prasad Singh
	2.180	305	200			3.445	689	39.16	26981.24	224.84	359.75	Vidh Kant
	2.111	304	270			3.445	930.15	39.16	36424.67	303.54	485.66	Vidh Kant
PB3	0.639	270	150			3.445	516.75	39.16	20235.93	168.63	269.81	Munni Lal
	2.591	274	250			3.445	861.25	39.16	33726.55	281.05	449.69	Agnu
	0.628	238	100			3.445	344.5	39.16	13490.62	112.42	179.87	Jaybaran
	0.331	237	170			3.445	585.65	39.16	22934.05	191.12	305.79	Ramayan Prasad
	0.286	307	170			3.445	585.65	39.16	22934.05	191.12	305.79	Ramayan Prasad
	0.298	309	100			3.445	344.5	39.16	13490.62	112.42	179.87	Kamla Prasad

PB4	2.111	304	140		3.445	482.3	39.16	18886.87	157.39	251.82	Vidh Kant etc.
	1.887	303	125		3.445	430.625	39.16	16863.28	140.53	224.84	Vidh Kant etc.
	0.148	297	200		3.445	689	39.16	26981.24	224.84	359.75	Vidh Kant etc.
	0.833	298	130		3.445	447.85	39.16	17537.81	146.15	233.84	Vidh Kant etc.
	0.593	296	140		3.445	482.3	39.16	18886.87	157.39	251.82	Vidh Kant etc.
	0.845	295	180		3.445	620.1	39.16	24283.12	202.36	323.77	Vidh Kant etc.
	0.388	294	100		3.445	344.5	39.16	13490.62	112.42	179.87	Vidh Kant etc.
MB2	0.068	311	100		3.445	344.5	39.16	13490.62	112.42	179.87	Kamla Prasad Singh
	0.491	231	90		3.445	310.05	39.16	12141.56	101.18	161.89	Jaybaran
	0.148	242	70		3.445	241.15	39.16	9443.43	78.70	125.91	Jaybaran
	0.251	246	80		3.445	275.6	39.16	10792.50	89.94	143.90	Vidh Kant etc.
	0.445	247	100		3.445	344.5	39.16	13490.62	112.42	179.87	Vidh Kant,Umashnkar
MB3	0.274	315	80		3.445	275.6	39.16	10792.50	89.94	143.90	Jagat Narayan
	0.160	316	70		3.445	241.15	39.16	9443.43	78.70	125.91	Jagat Narayan
	1.152	319	90		3.445	310.05	39.16	12141.56	101.18	161.89	Ganga Prasad,Ramsuchit
MB4	0.331	237	80		3.445	275.6	39.16	10792.50	89.94	143.90	Ramayan Prasad
	0.571	300	130		3.445	447.85	39.16	17537.81	146.15	233.84	Vidh Kant
	1.416	299	120		3.445	413.4	39.16	16188.74	134.91	215.85	Gomati Prasad
	0.833	298	170		3.445	585.65	39.16	22934.05	191.12	305.79	Vidh Kant etc.
	0.593	296	70		3.445	241.15	39.16	9443.43	78.70	125.91	Vidh Kant etc.
	0.845	295	120		3.445	413.4	39.16	16188.74	134.91	215.85	Vidh Kant etc.
	0.388	294	100		3.445	344.5	39.16	13490.62	112.42	179.87	Vidh Kant etc.
MB5	0.377	293	50		3.445	172.25	39.16	6745.31	56.21	89.94	Vidh Kant etc.
	0.388	289	70		3.445	241.15	39.16	9443.43	78.70	125.91	Vidh Kant etc.
	0.502	288	70		3.445	241.15	39.16	9443.43	78.70	125.91	Vidh Kant etc.
	0.377	293	90		3.445	310.05	39.16	12141.56	101.18	161.89	Vidh Kant
	0.091	292	100		3.445	344.5	39.16	13490.62	112.42	179.87	Chind Lal
	0.559	290	110		3.445	378.95	39.16	14839.68	123.66	197.86	Ramchndra
MB9	4.223	282	280		3.445	964.6	39.16	37773.74	314.78	503.65	Kallu,Sukh Lal
	5.653	283	180		3.445	620.1	39.16	24283.12	202.36	323.77	Durgavati,Hrishnkar
	4.002	284	110		3.445	378.95	39.16	14839.68	123.66	197.86	Nagesh Rai Bahdur

MB10	2.804	217	300		3.445	1033.5	39.16	40471.86	337.27	539.62	Chintamani etc.
	0.514	188	150		3.445	516.75	39.16	20235.93	168.63	269.81	Chintamani etc.
	0.251	187	140		3.445	482.3	39.16	18886.87	157.39	251.82	Rajendra Prasad etc
	1.061	193	220		3.445	757.9	39.16	29679.36	247.33	395.72	Rajendra Prasad etc
	6.188	164	320		3.445	1102.4	39.16	43169.98	359.75	575.60	Rajendra Prasad Singh, Pramod
	0.776	190	60		3.445	206.7	39.16	8094.37	67.45	107.92	Rajendra Prasad
SB10	0.131	203	220	(3.40+0.70)/2*0.90	1.845	405.9	39.16	15895.04	132.46	211.93	Dukhi,Prithvhiraj Singh
	0.182	202	170		1.845	313.65	39.16	12282.53	102.35	163.77	Ram Lallu
SB11	0.514	188	90		1.845	166.05	39.16	6502.52	54.19	86.70	Chintamani etc.
	1.974	185	160		1.845	295.2	39.16	11560.03	96.33	154.13	Chintamani etc.
	0.708	198	330		1.845	608.85	39.16	23842.57	198.69	317.90	Rajendra Prasad
	3.866	161	320		1.845	590.4	39.16	23120.06	192.67	308.27	Ramakant
SB12	5.752	208	400		1.845	738	39.16	28900.08	240.83	385.33	Laljiv, Vijay Pal
SB13	4.182	202	340		1.845	627.3	39.16	24565.07	204.71	327.53	Ram Lallu
CD7	2.180	305	100	(12.00+2.00)/2*2.50	17.5	1750	44.33	77577.50	646.48	1034.37	Vidh Kant etc.
CD8	0.399	309	70		17.5	1225	44.33	54304.25	452.54	724.06	Kamla Prasad Singh
CD9	0.068	313	43		17.5	752.5	44.33	33358.33	277.99	444.78	Mu. Gesh Vati
CD10	1.187	303	70		17.5	1225	44.33	54304.25	452.54	724.06	Vidh Kant etc.
CD11	1.416	299	70		17.5	1225	44.33	54304.25	452.54	724.06	Gomti Prasad
CD12	0.833	298	80		17.5	1400	44.33	62062.00	517.18	827.49	Vidh Kant etc.

3. Jamsot

Name of Work	Benefited area (h)	Field No. / Khsara No.	Length	Area of work		Work Measurement	Rate	Total Cost (Rs.)	Manday	Contribution	Name of Farmers
				Width * Height	C.S. (Area)				Rs	SC/ST- 5,	
									120/Labour	OBC/Gen- 10%	
MB6	1.632	149	180	(4.60+0.70)/2*1.30	3.445	620.1	39.16	24283.12	202.36	323.77	Manika Prasad
	0.297	160	140		3.445	482.3	39.16	18886.87	157.39	251.82	Prabhshnkar etc.
MB7	1.061	151	210		3.445	723.45	39.16	28330.30	236.09	377.74	Lavkush, Dayashnkar
	0.126	152	100		3.445	344.5	39.16	13490.62	112.42	179.87	Lavkush etc.
MB8	0.063	144	150		3.445	516.75	39.16	20235.93	168.63	269.81	Amar Nath
	0.767	136	130		3.445	447.85	39.16	17537.81	146.15	233.84	Dhnavanti

4. Kihuni Kala

Name of Work	Benefited area (h)	Field No. / Khsara No.	Length	Area of work		Work Measurement	Rate	Total Cost (Rs.)	Manday	Contribution	Name of Farmers
				Width * Height	C.S. (Area)				Rs	SC/ST- 5,	
									120/Labour	OBC/Gen- 10%	
MB11	0.218	162	130	(4.60+0.70)/2*1.30	3.445	447.85	39.16	17537.81	146.15	233.84	
	12.204	161	220		3.445	757.9	39.16	29679.36	247.33	395.72	Ramji, Umashnkar
	1.323	160	320		3.445	1102.4	39.16	43169.98	359.75	575.60	Shomnath, Ram Vishl
	0.904	147	50		3.445	172.25	39.16	6745.31	56.21	89.94	Kashi prasad
	1.530	146	100		3.445	344.5	39.16	13490.62	112.42	179.87	Ramdev singh
	1.323	144	160		3.445	551.2	39.16	21584.99	179.87	287.80	Umashnkar
	1.026	143	100		3.445	344.5	39.16	13490.62	112.42	179.87	Shiv Narayan
	0.401	99	170		3.445	585.65	39.16	22934.05	191.12	305.79	Shiv Narayan
	0.515	97	120		3.445	413.4	39.16	16188.74	134.91	215.85	Ram Adhr,Ram Vishl
SB1	1.367	167	180	(3.40+0.70)/2*0.90	1.845	332.1	39.16	13005.04	108.38	173.40	Jawahr Lal etc.
	12.204	161	200		1.845	369	39.16	14450.04	120.42	192.67	Ramji, Umashnkar
SB2	1.181	134	50		1.845	92.25	39.16	3612.51	30.10	48.17	Shivshnkar,Rajendra Prasad
	2.770	158	220		1.845	405.9	39.16	15895.04	132.46	211.93	Ram Bhgvat,Anaar Kali
	1.323	160	240		1.845	442.8	39.16	17340.05	144.50	231.20	Shom Nath,Ram Vishl

SB3	0.827	148	160		1.845	295.2	39.16	11560.03	96.33	154.13	Ramayan Prasad
	0.904	147	140		1.845	258.3	39.16	10115.03	84.29	134.87	Kashi prasad
SB4	2.490	111	180		1.845	332.1	39.16	13005.04	108.38	173.40	Thollen, monishnkar
	1.101	112	160		1.845	295.2	39.16	11560.03	96.33	154.13	Vijay Shnkar
	1.539	137	190		1.845	350.55	39.16	13727.54	114.40	183.03	Umashnkar, Sarita Devi
SB5	1.358	72	100		1.845	184.5	39.16	7225.02	60.21	96.33	Shiv Narayan
	1.313	73	100		1.845	184.5	39.16	7225.02	60.21	96.33	Shiv Narayan
	0.320	75	80		1.845	147.6	39.16	5780.02	48.17	77.07	Koshyala Devi
	1.234	94	200		1.845	369	39.16	14450.04	120.42	192.67	Dev Narayan
SB6	4.935	44	250		1.845	461.25	39.16	18062.55	150.52	240.83	Radhe Shyam, Hri Prasad
	0.059	71	290		1.845	535.05	39.16	20952.56	174.60	279.37	
	0.662	69	80		1.845	147.6	39.16	5780.02	48.17	77.07	Mithi Lal,Tej Narayan
	3.000	90	180		1.845	332.1	39.16	13005.04	108.38	173.40	Mithi Lal,Tej Narayan
SB7	2.239	67	200		1.845	369	39.16	14450.04	120.42	192.67	Thollen
	2.425	68	150		1.845	276.75	39.16	10837.53	90.31	144.50	Lalji, Ashok Kumar
SB8	0.277	88	100		1.845	184.5	39.16	7225.02	60.21	96.33	Valeshwar Prasad, Raj Kumar
	0.277	89	110		1.845	202.95	39.16	7947.52	66.23	105.97	Saraswati Devi

4. Baijla

Sr. No.	Name of the beneficiary	Caste SC-ST/Others	Khsara No.	Area (h)	Activity (Proposed)	Length (M)	Breadth (Cm)	Top width (Cm)	Height (Cm)	Cross Section (m2)	E.W. (Cum)	Rate per (Cum)	Safe structure No. & cost	Total Cost (Rs.)	Contribution in shpe of Lab/cash
1	Pernanak		103	2	SB 13	100	340	70	90	1.85	184.5	39.16	0	0.072	0.005
2	Pernanak		99	0.543	SB 13	100	340	70	90	1.85	184.5	39.16	0	0.072	0.005
3	Krishnanand etc.		100	2.267	SB 14	250	340	70	90	1.85	461.25	39.16	0	0.181	0.014
4	Shivbahdur,Hrihr		122	1.666	SB 15	100	340	70	90	1.85	184.5	39.16	0	0.072	0.005
5	Bhola,Ramakant,Hrihr		145	3.846	SB 16	250	340	70	90	1.85	461.25	39.16	0	0.181	0.014
6	Saritadevi etc		72	1.393	SB 17	300	340	70	90	1.85	553.5	39.16	0	0.217	0.016

7	Rajaram etc		46	2.115	SB 18	350	340	70	90	1.85	645.75	39.16	0	0.253	0.019
8	Shivsaran etc.		47	0.32	SB 18	150	340	70	90	1.85	276.75	39.16	0	0.108	0.008
9	Hrihr etc.		39	0.4	SB 19	50	340	70	90	1.85	92.25	39.16	0	0.036	0.003
10	Hrihr etc.		40	0.411	SB 19	50	340	70	90	1.85	92.25	39.16	0	0.036	0.003
11	Hrihr etc.		35	1.758	SB 20	250	340	70	90	1.85	461.25	39.16	0	0.181	0.014
12	Shivsaran etc.		48	0.388	SB 21	150	340	70	90	1.85	276.75	39.16	0	0.108	0.008
13	Madhuraj etc.		21	0.21	SB 22	25	340	70	90	1.85	46.125	39.16	0	0.018	0.001
14	Shivsaran etc.		22	0.5	SB 22	75	340	70	90	1.85	138.375	39.16	0	0.054	0.004
15	Hrishnkar etc		26	0.3	SB 22	100	340	70	90	1.85	184.5	39.16	0	0.072	0.005
16	Hrishnkar etc		27	0.3	SB 23	100	340	70	90	1.85	184.5	39.16	0	0.072	0.005
17	Rajaram etc		29	2.272	SB 24	175	340	70	90	1.85	322.875	39.16	0	0.126	0.009
18	Shivsaran Ramatietc		30	0.277	SB 24	200	340	70	90	1.85	369	39.16	0	0.145	0.011
19	Shivsaran etc.		33	1.667	SB 24	150	340	70	90	1.85	276.75	39.16	0	0.108	0.008
20	Mathurapra,Hrihretc		32	0.5	SB 25	75	340	70	90	1.85	138.375	39.16	0	0.054	0.004
21	Mathura,Hrihr,Shivsaran		24	0.5	SB 26	150	340	70	90	1.85	276.75	39.16	0	0.108	0.008
22	Hrihr Shivsaran etc		23	1.001	SB 26	150	340	70	90	1.85	276.75	39.16	0	0.108	0.008
23			25	0.516	SB 26	50	340	70	90	1.85	92.25	39.16	0	0.036	0.003
24	Mathuraprasad etc		19	0.24	SB 27	100	340	70	90	1.85	184.5	39.16	0	0.072	0.005
25	Shivsaran etc.		31	0.206	SB 28	200	340	70	90	1.85	369	39.16	0	0.145	0.011
26	Krishnanand etc.		100	4.8	MB 14	200	460	70	130	3.45	689	39.16	0	0.270	0.020
27	Ganga,Dayashnkar etc		120	3.112	MB 15	275	460	70	130	3.45	947.375	39.16	0	0.371	0.028
28			1210	0.28	MB 15	25	460	70	130	3.45	86.125	39.16	0	0.034	0.003
29	Bhola,Ramakant etc		68	4.212	MB 16	150	460	70	130	3.45	516.75	39.16	0	0.202	0.015
30	Krishnanand etc.		108	0.832	MB 17	150	460	70	130	3.45	516.75	39.16	0	0.202	0.015
31			54	1.3	MB 18	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
32			58	0.288	MB 18	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
33	Ramanusar etc		61	1.5	MB 18	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
34			23	1.001	MB 19	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
35			25	0.516	MB 19	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
36			28	0.315	MB 19	25	460	70	130	3.45	86.125	39.16	0	0.034	0.003
37	Shivsaran		30	0.297	MB 19	75	340	70	90	1.85	138.375	39.16	0	0.054	0.004

38	Rampati etc		33	1.667	MB 19	125	340	70	90	1.85	230.625	39.16	0	0.090	0.007
39			21	0.295	MB 19	75	340	70	90	1.85	138.375	39.16	0	0.054	0.004
										0.00					
1	Ramchndra		105	228	PB 15	200	460	70	130	3.45	689	39.16	0	0.270	0.020
2	Hrinath		109	1.015	PB 15	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
3	Gurusaran		111	0.255	PB 15	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
4	Singhnath		113	0.245	PB 15	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
5	BuddhKumari		115	0.526	PB 15	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
6	Ramrukmani etc		118	0.9	PB 15	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
7	Kailashnath		126	1.213	PB 15	75	460	70	130	3.45	258.375	39.16	0	0.101	0.008
8	Shivbihri etc		151	1.1	PB 15	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
9	Saritadevi		152	1.211	PB 15	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
10	Krishnbihari		153	1	PB 15	125	460	70	130	3.45	430.625	39.16	0	0.169	0.013
11	SriRam etc		154	0.43	PB 15	125	460	70	130	3.45	430.625	39.16	0	0.169	0.013
12	Shivbihri etc		149	1.895	PB 15	200	460	70	130	3.45	689	39.16	0	0.270	0.020
13			67	0.2	PB 15	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
14	Ramkant etc		64	0.149	PB 15	150	460	70	130	3.45	516.75	39.16	0	0.202	0.015
										0.00					
1	Hrihr,Ramakant etc		35	1.758	CD 5	175	12	2	2.5	0.00	3062	44.33		135760.6	
2	Krishnmurari,Shivchran		45	0.912	CD 6	150	12	2	2.5	0.00	2625	44.33		116366.3	
										0.00					
										0.00					
	Village Kaithval		39	0.5	MB 20	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
1	Tilakraj		42	1.2	MB 21	200	460	70	130	3.45	689	39.16			
2	Avadhraj etc		87	0.525	MB 22	200	460	70	130	3.45	689	39.16			
3	Krishnmurari		10	0.845	MB 23	300	460	70	130	3.45	1033.5	39.16			
4	Gangadevi etc		4	0.377	MB 24	200	460	70	130	3.45	689	39.16			
	Village Bahraich									0.00					
1	SriNarayan,Jaishnkar etc		303	1.564	SB 3	150	340	70	90	1.85	276.75	39.16	0	0.108	0.008
2	Krishnnand etc		319	1	SB 4	100	340	70	90	1.85	184.5	39.16	0	0.072	0.005
3	Narayan etc		321	0.986	SB 4	50	340	70	90	1.85	92.25	39.16	0	0.036	0.003

4	Radheshyam,Srinath		210	3.328	SB 5	150	340	70	90	1.85	276.75	39.16	0	0.108	0.008
5	Sushilsingh etc		206	2	SB 5	225	340	70	90	1.85	415.125	39.16	0	0.163	0.012
6	Fulvari etc		215	0.924	SB 6	100	340	70	90	1.85	184.5	39.16	0	0.072	0.005
7	Kamlakant,Lalta etc		174	1.13	SB 7	100	340	70	90	1.85	184.5	39.16	0	0.072	0.005
8	Avadhraj etc		132	1.672	SB 8	100	340	70	90	1.85	184.5	39.16	0	0.072	0.005
9	Deshraj etc		51	0.26	SB 8	25	340	70	90	1.85	46.125	39.16	0	0.018	0.001
10	Avadhraj Deshraj etc		52	0.155	SB 8	25	340	70	90	1.85	46.125	39.16	0	0.018	0.001
11	Tilakraj, Raju		45	1.004	SB 9	100	340	70	90	1.85	184.5	39.16	0	0.072	0.005
12	Satyaraj etc		22	0.625	SB 10	75	340	70	90	1.85	138.375	39.16	0	0.054	0.004
13	Mahendra etc		25	0.7	SB 10	75	340	70	90	1.85	138.375	39.16	0	0.054	0.004
14	Satyaraj etc		135	1.312	SB 11	100	340	70	90	1.85	184.5	39.16	0	0.072	0.005
15	Avadhraj etc		15	0.843	SB 12	100	340	70	90	1.85	184.5	39.16	0	0.072	0.005
16	Mansingh etc		13	0.8	SB 12	100	340	70	90	1.85	184.5	39.16	0	0.072	0.005
	SriNarayan etc		314	1.413	CD 2	100	12	2	2.5	17.50	1750	44.33	0	0.776	0.058
	Sheroosingh		117	0.263	CD 3	200	12	2	2.5	17.50	3500	44.33	0	1.552	0.116
	Avadhraj etc		132	1.759	CD 4	78	12	2	2.5	17.50	1365	44.33	0	0.605	0.045
	Laltaprasad,Baburam etc		334	1.367	MB 1	150	460	70	130	3.45	516.75	39.16	0	0.202	0.015
	Ayadhya,Mathura		165	8.99	MB 2	250	460	70	130	3.45	861.25	39.16	0	0.337	0.025
	Sadhu,Ramasare		166	1.822	MB 2	200	460	70	130	3.45	689	39.16	0	0.270	0.020
	Dayaram,Chhota etc		130	0.18	MB 3	150	460	70	130	3.45	516.75	39.16	0	0.202	0.015
	Dayaram,Chhota etc		129	0.023	MB 4	150	460	70	130	3.45	516.75	39.16	0	0.202	0.015
	SriNath		67	0.063	MB 5	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
	Tilakraj etc		41	1.136	MB 6	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
	Sheroo etc		63	0.7	MB 6	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
	Tilakraj etc		32	0.222	MB 7	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
	Tilakraj etc		33	0.625	MB 7	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
	Tilakraj etc		42	3.222	MB 7	250	460	70	130	3.45	861.25	39.16	0	0.337	0.025
	Tilakraj etc		62	0.25	MB 8	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
			61	0.25	MB 8	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
			60	0.25	MB 8	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
			59	0.25	MB 8	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005

			36	0.735	MB 9	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
			40	0.15	MB 9	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
	Rammilan		30	1.837	MB 10	147	460	70	130	3.45	506.415	39.16	0	0.198	0.015
	AvadhrajMataji		16	0.5	MB 11	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
			18	500	MB 11	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
			19	0.715	MB 11	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
			198	1.635	MB 12	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
			19	3.36	MB 13	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
			19	0.56	MB 13	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
	Krishnanu etc		322	5.349	PB 2	200	460	70	130	3.45	689	39.16	0	0.270	0.020
	Hrishnkar etc		271	1.105	PB 3	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
	Tirju		288	0.855	PB 3	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
	Lalta		289	0.628	PB 3	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
			333	0.2	PB 3	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
	Foolvari etc		290	0.15	PB 3	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
	Siddhnath etc		196	0.436	PB 4	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
	Siddhnath etc		195	0.826	PB 5	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
	Foolvari etc		188	0.3	PB 6	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
	Sukhmari, Virju etc		191	3.552	PB 6	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
	Kamlesh		199	0.1	PB 7	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
	Mahesh etc		200	3.225	PB 7	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
	Sushil		201	1.155	PB 8	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
	Ramjeet etc		202	2.122	PB 8	200	460	70	130	3.45	689	39.16	0	0.270	0.020
	Radheshyam etc		151	1.52	PB 9	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
	Fulvar etc		152	0.5	PB 9	150	460	70	130	3.45	516.75	39.16	0	0.202	0.015
	Radheshyam etc		153	0.2	PB 9	20	460	70	130	3.45	68.9	39.16	0	0.027	0.002
	Fulvar etc		154	0.15	PB 9	30	460	70	130	3.45	103.35	39.16	0	0.040	0.003
	Ramniranjan etc		156	0.3	PB 9	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
	Gangaprasad etc		69	1.125	PB 10	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
	Vatanprasad		70	0.25	PB 10	25	460	70	130	3.45	86.125	39.16	0	0.034	0.003
	Rajhr		75	0.12	PB 10	25	460	70	130	3.45	86.125	39.16	0	0.034	0.003

	Ritan,SriNath etc		76	1.22	PB 10	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
	Ramsingh etc		97	0.2	PB 11	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
	Dayaram		98	0.4	PB 11	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
	Chhota		99	0.2	PB 11	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
	SriRamsingh		68	1.5	PB 12	200	460	70	130	3.45	689	39.16	0	0.270	0.020
	Suriya,Nish,Saraswati		41	0.856	PB 13	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
	Lalji		39	0.5	PB 13	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
	Chhuddi		37	0.821	PB 14	50	460	70	130	3.45	172.25	39.16	0	0.067	0.005
	Village Kichhuni Khurd														
			1144	1	SB 29	50	340	70	90	1.85	92.25	39.16	0	0.036	0.003
	Chndrikaprasad etc		1145	1.34	SB 29	200	340	70	90	1.85	369	39.16	0	0.145	0.011
	Krishndutt etc		1136	3.36	MB 25	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
	Krishndutt etc		1134	1.058	MB 25	100	460	70	130	3.45	344.5	39.16	0	0.135	0.010
	Village Baghol														
	Prayagnarayan etc		124	0.301	SB 1	40	340	70	90	1.85	73.8	39.16	0	0.029	0.002
	Chnvati		123	0.356	SB 1	58	340	70	90	1.85	107.01	39.16	0	0.042	0.003
	Radhrani,Radheshyam		139	0.26	SB 1	40	340	70	90	1.85	73.8	39.16	0	0.029	0.002
	Radhrani,Radheshyam		143	0.33	SB 1	50	340	70	90	1.85	92.25	39.16	0	0.036	0.003
	Radhrani,Radheshyam		144	0.23	SB 1	50	340	70	90	1.85	92.25	39.16	0	0.036	0.003
	Radhrani,Radheshyam		145	0.18	SB 1	20	340	70	90	1.85	36.9	39.16	0	0.014	0.001
	Radhrani,Radheshyam		146	0.15	SB 1	10	340	70	90	1.85	18.45	39.16	0	0.007	0.001
			147	0.125	SB 1	10	340	70	90	1.85	18.45	39.16	0	0.007	0.001
			196	1.335	SB 2	75	340	70	90	1.85	138.375	39.16	0	0.054	0.004
			195	1.114	SB 2	75	340	70	90	1.85	138.375	39.16	0	0.054	0.004
			179	1.12	SB 2	50	340	70	90	1.85	92.25	39.16	0	0.036	0.003
	Bhgautiprasad etc		265	1.028	PB 1	83	460	70	130	3.45	285.935	39.16	0	0.112	0.008
	Rajdev,Radhrani etc		151	3.456	CD 1	125	12	2	2.5	17.50	2187.5	44.33	0	0.970	0.073

5. Kaithwal

Summary of Watershed Kaithwal				
Sl. No.	Name of village	Name of Panchyat	T. Area	Total Amount
1	Kaithwal	Kaithwal	105.325	186243.68
2	Bahrich	Bahrich	85.085	120622.24
3	Kudimarat	Kudimarat	30.150	870104.30
4	Kathr	Kulsra(Kathr)	8.035	638812.28
5	Bholsla	Kulsra	89.650	451851.63
6	Thth	Kulsra(Thth)	26.755	10366.05
				2278000.18

1. Kudri Bhrat

Name of Work	Benefited area (h)	Field No. / Khsara No.	Area of work			Work Measurement	Rate	Total Cost (Rs.)	Manday	Contribution	Name of Farmers
			Length	Width * Height	C.S. (Area)				Rs 120/Labour	SC/ST- 5,	
									OBC/Gen- 10%		
SB1	1.475	7	100	(3.40+0.70)/2*0.90	1.845	184.5	39.16	7225.02	60.21	96.33	Sambhu Prasad etc.
	1.400	8	100		1.845	184.5	39.16	7225.02	60.21	96.33	Sambhu Prasad etc.
SB2	1.345	47	150		1.845	276.75	39.16	10837.53	90.31	144.50	Krishn Dev etc.
SB3	1.435	48	150		1.845	276.75	39.16	10837.53	90.31	144.50	Krishn Dev etc.
SB4	1.110	56	100		1.845	184.5	39.16	7225.02	60.21	96.33	Sambhu Prasad etc.
SB5	1.055	57	100		1.845	184.5	39.16	7225.02	60.21	96.33	Indra Dev etc.
SB6	0.995	122	150		1.845	276.75	39.16	10837.53	90.31	144.50	Indra Dev etc.
MB1	3.775	25	340	(4.60+0.70)/2*1.30	3.445	1171.3	39.16	45868.108	382.23	611.57	Sambhu etc.
MB2	0.500	18	60		3.445	206.7	39.16	8094.372	67.45	107.92	Krishn Dev etc.
	0.300	17	30		3.445	103.35	39.16	4047.186	33.73	53.96	"
	0.500	19	50		3.445	172.25	39.16	6745.31	56.21	89.94	"
	1.256	36	110		3.445	378.95	39.16	14839.682	123.66	197.86	Indra Dev etc.
MB3	1.441	22	100		3.445	344.5	39.16	13490.62	112.42	179.87	Krishn Dev etc.
MB4	0.700	94	125		3.445	430.625	39.16	16863.275	140.53	224.84	Indra Dev
	1.667	99	80		3.445	275.6	39.16	10792.496	89.94	143.90	"

	0.300	96	30		3.445	103.35	39.16	4047.186	33.73	53.96	
MB5	0.385	5	50		3.445	172.25	39.16	6745.31	56.21	89.94	Uma Prasad
	1.500	6	200		3.445	689	39.16	26981.24	224.84	359.75	Sambhu etc.
MB6	0.490	27	210		3.445	723.45	39.16	28330.302	236.09	377.74	Sambhu Prasad
MB7	1.500	30	150		3.445	516.75	39.16	20235.93	168.63	269.81	Uma Prasad
MB8	1.199	43	50		3.445	172.25	39.16	6745.31	56.21	89.94	Krishn Dev etc.
MB9	0.998	103	200		3.445	689	39.16	26981.24	224.84	359.75	Indra Dev
PB1	1.000	2	300		3.445	1033.5	39.16	40471.86	337.27	539.62	Krishn Dev etc.
	0.116	98	30		3.445	103.35	39.16	4047.186	33.73	53.96	Sambhu etc.
	1.200	93	76		3.445	261.82	39.16	10252.8712	85.44	136.70	"
	2.325	99	200		3.445	689	39.16	26981.24	224.84	359.75	"
PB2	2.565	4	250		3.445	861.25	39.16	33726.55	281.05	449.69	Uma Prasad, Sambhu etc.
CD1	0.282	1	20	$(12.00+2.00)/2*2.50$	17.50	350	44.33	15515.5	129.30	206.87	Sambhu Prasad etc.
	0.600	2	40		17.50	700	44.33	31031	258.59	413.75	"
CD2	0.460	4	100		17.50	1750	44.33	77577.5	646.48	1034.37	Uma Prasad
	0.208	5	60		17.50	1050	44.33	46546.5	387.89	620.62	Sambhu Prasad etc.
CD3	0.725	7	60		17.50	1050	44.33	46546.5	387.89	620.62	Krishn Dev etc.
	0.500	8	40		17.50	700	44.33	31031	258.59	413.75	Sambhu Prasad
CD4	0.415	11	20		17.50	350	44.33	15515.5	129.30	206.87	Krishn Dev etc.
	0.445	12	20		17.50	350	44.33	15515.5	129.30	206.87	"
	0.720	13	25		17.50	437.5	44.33	19394.375	161.62	258.59	"
	0.815	14	40		17.50	700	44.33	31031	258.59	413.75	"

2. Kathl

Name of Work	Benefited area (h)	Field No. / Khsara No.	Length	Area of work		Work Measurement	Rate	Total Cost (Rs.)	Manday	Contribution	Name of Farmers
				Width * Height	C.S. (Area)				Rs	SC/ST- 5,	
									120/Labour	OBC/Gen- 10%	
PB3	1.000	1	110	(4.60+0.70)/2*1.30	3.445	378.95	39.16	14839.68	123.66	197.86	Komal Prasad etc.
	0.200	2	100		3.445	344.5	39.16	13490.62	112.42	179.87	"
	3.385	3	260		3.445	895.7	39.16	35075.61	292.30	467.67	"
PB4	1.300	5	100		3.445	344.5	39.16	13490.62	112.42	179.87	Sambhu Prasad etc.
PB5	1.500	19	300		3.445	1033.5	39.16	40471.86	337.27	539.62	Komal Prasad,Sambhu etc.
	0.600	20	80		3.445	275.6	39.16	10792.50	89.94	143.90	Komal Prasad,Sambhu etc.
	0.500	21	30		3.445	103.35	39.16	4047.19	33.73	53.96	Komal Prasad,Sambhu etc.
	0.400	22	30		3.445	103.35	39.16	4047.19	33.73	53.96	Komal Prasad,Sambhu etc.
	0.500	23	40		3.445	137.8	39.16	5396.25	44.97	71.95	Komal Prasad,Sambhu etc.
	0.145	24	40		3.445	137.8	39.16	5396.25	44.97	71.95	Komal Prasad,Sambhu etc.
PB6	1.245	25	80		3.445	275.6	39.16	10792.50	89.94	143.90	Sambhu Prasad, Krishn Dev etc.
	0.625	33	160		3.445	551.2	39.16	21584.99	179.87	287.80	Sambhu Prasad, Krishn Dev etc.
	0.110	34	70		3.445	241.15	39.16	9443.43	78.70	125.91	Sambhu Prasad, Krishn Dev etc.
CD5	2.250	30	115	(12.00+2.00)/2*2.50	17.50	2012.5	44.33	89214.13	743.45	1189.52	Krishn dev
	1.252	31	120		17.50	2100	44.33	93093.00	775.78	1241.24	Sambhu etc.
SB7	0.360	2	150	(3.40+0.70)/2*0.90	1.845	276.75	39.16	10837.53	90.31	144.50	Komal Prasad etc.
	3.100	3	300		1.845	553.5	39.16	21675.06	180.63	289.00	Komal Prasad etc.
SB8	2.365	19	350		1.845	645.75	39.16	25287.57	210.73	337.17	Komal Prasad etc.
SB9	1.448	10	100		1.845	184.5	39.16	7225.02	60.21	96.33	Uma Prasad etc.
SB10	0.345	33	50		1.845	92.25	39.16	3612.51	30.10	48.17	Krishn dev etc.
MB10	1.000	10	100	(4.60+0.70)/2*1.30	3.445	344.5	39.16	13490.62	112.42	179.87	Uma Prasad etc.
	0.558	9	50		3.445	172.25	39.16	6745.31	56.21	89.94	
	1.000	8	100		3.445	344.5	39.16	13490.62	112.42	179.87	
MB11	1.662	4	150		3.445	516.75	39.16	20235.93	168.63	269.81	Sambhu Prasad etc.
	1.000	5	50		3.445	172.25	39.16	6745.31	56.21	89.94	sambhu prasad

3. Bholsa

Name of Work	Benefited area (h)	Field No. / Khsara No.	Area of work		C.S. (Area)	Work Measurement	Rate	Total Cost (Rs.)	Manday	Contribution	Name of Farmers
			Length	Width * Height					Rs	SC/ST- 5,	
									120/Labour	OBC/Gen- 10%	
PB7	4.101	61	110	(4.60+0.70)/2*1.30	3.445	378.95	39.16	14839.68	123.66	197.86	Raj Kumari
	0.162	62	30		3.445	103.35	39.16	4047.19	33.73	53.96	Raj Narayan
	0.205	63	50		3.445	172.25	39.16	6745.31	56.21	89.94	Rajpar,ramhr
	0.315	64	60		3.445	206.7	39.16	8094.37	67.45	107.92	Ram etc.
	0.305	65	50		3.445	172.25	39.16	6745.31	56.21	89.94	Raj Kumari etc.
	0.465	66	60		3.445	206.7	39.16	8094.37	67.45	107.92	Raj Narayan etc.
	2.115	68	80		3.445	275.6	39.16	10792.50	89.94	143.90	Rajpar
	1.110	69	60		3.445	206.7	39.16	8094.37	67.45	107.92	Ram etc.
PB8	0.110	80	15		3.445	51.675	39.16	2023.59	16.86	26.98	Moti Nath
	0.264	81	15		3.445	51.675	39.16	2023.59	16.86	26.98	Vidh Nath
	0.362	82	15		3.445	51.675	39.16	2023.59	16.86	26.98	Siya Ram etc.
	0.265	84	30		3.445	103.35	39.16	4047.19	33.73	53.96	Rmashnkar etc.
	0.535	87	15		3.445	51.675	39.16	2023.59	16.86	26.98	Ram
	0.135	88	20		3.445	68.9	39.16	2698.12	22.48	35.97	Krishn etc.
	0.116	89	25		3.445	86.125	39.16	3372.66	28.11	44.97	Moti Nath
	0.160	90	30		3.445	103.35	39.16	4047.19	33.73	53.96	Vidh Nath
	0.162	92	25		3.445	86.125	39.16	3372.66	28.11	44.97	Siya Ram etc.
	0.445	93	30		3.445	103.35	39.16	4047.19	33.73	53.96	Siya Ram etc.
	0.335	94	40		3.445	137.8	39.16	5396.25	44.97	71.95	Ram
	0.700	102	60		3.445	206.7	39.16	8094.37	67.45	107.92	Rmashnkar etc.
	1.116	107	80		3.445	275.6	39.16	10792.50	89.94	143.90	Krishn etc.
SB15	0.571	154	200	(3.40+0.70)/2*0.90	1.845	369	39.16	14450.04	120.42	192.67	Sambhu
SB16	4.405	156	150		1.845	276.75	39.16	10837.53	90.31	144.50	Ghn Shyam
SB17	4.025	169	200		1.845	369	39.16	14450.04	120.42	192.67	Ram Mani
SB18	0.886	171	100		1.845	184.5	39.16	7225.02	60.21	96.33	Ram Path

SB19	4.885	172	100		1.845	184.5	39.16	7225.02	60.21	96.33	Ram Path,Ram etc.
SB20	0.311	174	150		1.845	276.75	39.16	10837.53	90.31	144.50	Ashvani Kumar
SB21	1.241	138	100		1.845	184.5	39.16	7225.02	60.21	96.33	Ram Bihri
SB22	3.552	118	100		1.845	184.5	39.16	7225.02	60.21	96.33	Ram Pratap
SB23	2.115	124	150		1.845	276.75	39.16	10837.53	90.31	144.50	
MB13	2.333	30	120	$(4.60+0.70)/2*1.30$	3.445	413.4	39.16	16188.74	134.91	215.85	Bal Govind etc.
	1.300	32	130		3.445	447.85	39.16	17537.81	146.15	233.84	Raj Narayan etc.
MB14	3.000	1	130		3.445	447.85	39.16	17537.81	146.15	233.84	Ram ji etc.
	0.825	15	60		3.445	206.7	39.16	8094.37	67.45	107.92	Hri Krishn etc.
	0.735	14	60		3.445	206.7	39.16	8094.37	67.45	107.92	Hri Krishn etc.
MB15	0.694	151	150		3.445	516.75	39.16	20235.93	168.63	269.81	Sita Ram
MB16	7.690	153	160		3.445	551.2	39.16	21584.99	179.87	287.80	Ram
	1.108	155	40		3.445	137.8	39.16	5396.25	44.97	71.95	Ram Kali
MB17	0.903	158	100		3.445	344.5	39.16	13490.62	112.42	179.87	Santosh Kumar
MB18	0.265	161	60		3.445	206.7	39.16	8094.37	67.45	107.92	Ram Kali
	0.338	162	80		3.445	275.6	39.16	10792.50	89.94	143.90	Vijay Prakash
	0.444	163	60		3.445	206.7	39.16	8094.37	67.45	107.92	Kamli
	3.556	164	100		3.445	344.5	39.16	13490.62	112.42	179.87	Rampal
MB19	3.185	165	250		3.445	861.25	39.16	33726.55	281.05	449.69	Jay Narayan

4. Thth

Name of Work	Benefited area (h)	Field No. / Khsara No.	Length	Area of work		Work Measurement	Rate	Total Cost (Rs.)	Manday	Contribution	Name of Farmers
				Width * Height	C.S. (Area)				Rs	SC/ST- 5,	
									120/Labour	OBC/Gen- 10%	
SB24	0.513	4	50	(3.40+0.70)/2*0.90	1.845	92.25	39.16	3612.51	30.10	48.17	Rajghr
	0.510	5	50		1.845	92.25	39.16	3612.51	30.10	48.17	Ram
MB20	5.287	27	150	(4.60+0.70)/2*1.30	3.445	516.75	39.16	20235.93	168.63	269.81	Som Kli
MB21	2.781	28	150		3.445	516.75	39.16	20235.93	168.63	269.81	Ram Pratap
MB22	0.807	30	150		3.445	516.75	39.16	20235.93	168.63	269.81	Rajghr
MB23	7.031	34	200		3.445	689	39.16	26981.24	224.84	359.75	Duarika Ghosh

5. Kaithwal

Name of Work	Benefited area (h)	Field No. / Khsara No.	Length	Area of work		Work Measurement	Rate	Total Cost (Rs.)	Manday	Contribution	Name of Farmers
				Width * Height	C.S. (Area)				Rs	SC/ST- 5,	
									120/Labour	OBC/Gen- 10%	
SB25	1.000	301	100	(3.40+0.70)/2*0.90	1.845	184.5	39.16	7225.02	60.21	96.33	
	0.047	313	100		1.845	184.5	39.16	7225.02	60.21	96.33	Vitola Devi
	0.100	315	40		1.845	73.8	39.16	2890.01	24.08	38.53	Sidhnath
SB26	0.150	317	50		1.845	92.25	39.16	3612.51	30.10	48.17	Vitola Devi
SB27	0.250	201	170		1.845	313.65	39.16	12282.53	102.35	163.77	Ramesvar etc.
	0.179	203	80		1.845	147.6	39.16	5780.02	48.17	77.07	Krishna Kanta
SB28	1.174	170	130		1.845	239.85	39.16	9392.53	78.27	125.23	Gayatri
SB29	0.153	13	20		1.845	36.9	39.16	1445.00	12.04	19.27	Satya Dhri etc.
	0.200	14	60		1.845	110.7	39.16	4335.01	36.13	57.80	Panal Devi
MB24	2.000	275	200	(4.60+0.70)/2*1.30	3.445	689	39.16	26981.24	224.84	359.75	Ram Kumari etc.
	0.700	301	100		3.445	344.5	39.16	13490.62	112.42	179.87	Sidhnath etc,Gajvanti
	1.500	314	50		3.445	172.25	39.16	6745.31	56.21	89.94	Gajvanti
	0.100	299	20		3.445	68.9	39.16	2698.12	22.48	35.97	"

	0.100	296	50		3.445	172.25	39.16	6745.31	56.21	89.94	"
	0.269	297	30		3.445	103.35	39.16	4047.19	33.73	53.96	Sidhnath
PB9	0.370	316	100		3.445	344.5	39.16	13490.62	112.42	179.87	Sidhnath
	1.000	348	100		3.445	344.5	39.16	13490.62	112.42	179.87	Kamta Prasad etc.

6. Bahrich

Name of Work	Benefited area (h)	Field No. / Khsara No.	Length	Area of work Width * Height	C.S. (Area)	Work Measurement	Rate	Total Cost (Rs.)	Manday	Contribution	Name of Farmers
									Rs 120/Labour	SC/ST- 5, OBC/Gen- 10%	
SB11	2.790	1091	150	(3.40+0.70)/2*0.90	1.845	276.75	39.16	10837.53	90.31	144.50	Rmasankar
SB12	2.880	1095	200		1.845	369	39.16	14450.04	120.42	192.67	Ramanuj
SB13	0.500	1092	150		1.845	276.75	39.16	10837.53	90.31	144.50	Gadram
	2.565	1151	40		1.845	73.8	39.16	2890.01	24.08	38.53	Ashok Pal,Krishn
	0.150	1121	30		1.845	55.35	39.16	2167.51	18.06	28.90	"
	1.150	1155	80		1.845	147.6	39.16	5780.02	48.17	77.07	"
SB14	0.100	1161	50		1.845	92.25	39.16	3612.51	30.10	48.17	Gagi
	0.194	1154	100		1.845	184.5	39.16	7225.02	60.21	96.33	Ram Lochn
MB12	1.100	1240	120	(4.60+0.70)/2*1.30	3.445	413.4	39.16	16188.74	134.91	215.85	Mangoti Prasad etc.
	0.560	1244	80		3.445	275.6	39.16	10792.50	89.94	143.90	Shiva Lal

MWS- Nibi

Summary of Watershed Nibi					
Sl. No.	Items	Length	Qty.	Amount	
1	P.B.	1440.00	4960.8	194264.928	
2	M.B.	880	3031.6	118717.456	
3	S.B.	4280	7896.6	309230.856	
4	C.D.	240	4200	186186.00	
5	Afforastration			118682.00	
6	Pukka Work			150000.00	
				1077081.24	

1. Dhovat

Name of Work	Benefited area (h)	Field No. / Khsara No.	Length	Area of work		Work Measurement	Rate	Total Cost (Rs.)	Manday	Contribution	Name of Farmers
				Width * Height	C.S. (Area)				Rs 120/Labour	SC/ST- 5, OBC/Gen- 10%	
CD1	0.32	10	100	(12.00+2.00)/2*2.50	17.50	1750	44.33	77577.5	646.48	1034.37	Ramjatan etc
	0.126	7	50		17.50	875	44.33	38788.75	323.24	517.18	Raja Ram
CD2	0.034	3	100		17.50	1750	44.33	77577.5	646.48	1034.37	
	2.337	1	70		17.50	1225	44.33	54304.25	452.54	724.06	
CD3	0.034	27	100		17.50	1750	44.33	77577.5	646.48	1034.37	
	0.171	20	60		17.50	1050	44.33	46546.5	387.89	620.62	
CD11	0.263	13	30		17.50	525	44.33	23273.25	193.94	310.31	Kashiram Or Ramraj
	0.356	12	40		17.50	700	44.33	31031	258.59	413.75	"
	0.080	50	60		17.50	1050	44.33	46546.5	387.89	620.62	
PB1	0.320	10	440	(4.60+0.70)/2*1.30	3.45	1515.8	39.16	59358.728	494.66	791.45	Ramjatan,Ayodhya Prasad
	0.126	7	160		3.45	551.2	39.16	21584.992	179.87	287.80	Rajaram
	0.696	2	200		3.45	689	39.16	26981.24	224.84	359.75	Nachkuinya Or Kakuiya
		3	160		3.45	551.2	39.16	21584.992	179.87	287.80	Nachkuinya Or Kakuiya
	2.337	1	320		3.45	1102.4	39.16	43169.984	359.75	575.60	Nachkuinya Or Kakuiya
	0.046	25	120		3.45	413.4	39.16	16188.744	134.91	215.85	Nachkuinya Or Kakuiya

	0.034	27	280		3.45	964.6	39.16	37773.736	314.78	503.65	Kashiram Or Ramraj
	0.171	29	200		3.45	689	39.16	26981.24	224.84	359.75	
	0.040	30	160		3.45	551.2	39.16	21584.992	179.87	287.80	Nachkuinya Or Kakuiya
MB1	0.320	10	320		3.45	1102.4	39.16	43169.984	359.75	575.60	Ramjatan Or Ayodhya Prasad
MB2	0.126	11	200		3.45	689	39.16	26981.24	224.84	359.75	Kashiram Or Ramraj
	0.068	9	320		3.45	1102.4	39.16	43169.984	359.75	575.60	"
MB3	0.034	27	160		3.45	551.2	39.16	21584.992	179.87	287.80	
	1.109	33	200		3.45	689	39.16	26981.24	224.84	359.75	Ramlaxman Or Ramshka
MB4	0.157	82	200		3.45	689	39.16	26981.24	224.84	359.75	Bhmoli Prashd
	0.331	55	240		3.45	826.8	39.16	32377.488	269.81	431.70	
MB5	9.718	47	400		3.45	1378	39.16	53962.48	449.69	719.50	
MB6	0.332	105	80		3.45	275.6	39.16	10792.496	89.94	143.90	
	0.046	108	200		3.45	689	39.16	26981.24	224.84	359.75	Nandkishor
MB7	0.566	170	40		3.45	137.8	39.16	5396.248	44.97	71.95	Munni Lal
	0.257	171	80		3.45	275.6	39.16	10792.496	89.94	143.90	Rajendra
	0.995	185	200		3.45	689	39.16	26981.24	224.84	359.75	Nandkishor
	0.287	180	40		3.45	137.8	39.16	5396.248	44.97	71.95	Ramlaxman Or Ramshka
MB8	5.506	90	320		3.45	1102.4	39.16	43169.984	359.75	575.60	
MB9	0.034	75	320		3.45	1102.4	39.16	43169.984	359.75	575.60	
SB1	0.097	130	80	(3.40+0.70)/2*0.90	1.85	147.6	39.16	5780.016	48.17	77.07	Bhmoli Prashd etc.
	0.091	131	80		1.85	147.6	39.16	5780.016	48.17	77.07	Heralal Or rajendra
	0.097	130	40		1.85	73.8	39.16	2890.008	24.08	38.53	Bhmoli Prasad etc.
	0.194	134	40		1.85	73.8	39.16	2890.008	24.08	38.53	Nandkishor
	0.071	144	40		1.85	73.8	39.16	2890.008	24.08	38.53	Nandkishor
	1.905	146	320		1.85	590.4	39.16	23120.064	192.67	308.27	Chndrma Prashd etc.
SB2	0.758	33	240		1.85	442.8	39.16	17340.048	144.50	231.20	Bhmoli Prasad
	0.745	32	160		1.85	295.2	39.16	11560.032	96.33	154.13	Nathuram
	1.354	126	280		1.85	516.6	39.16	20230.056	168.58	269.73	Gokul
	1.561	140	120		1.85	221.4	39.16	8670.024	72.25	115.60	Chndramani
	1.527	149	200		1.85	369	39.16	14450.04	120.42	192.67	Kashiram Or Ramraj

	0.162	154	40		1.85	73.8	39.16	2890.008	24.08	38.53	Ramnithur,Ramnihre
	0.178	155	40		1.85	73.8	39.16	2890.008	24.08	38.53	Ramnihre
	0.176	156	80		1.85	147.6	39.16	5780.016	48.17	77.07	Ramachl
	0.055	159	40		1.85	73.8	39.16	2890.008	24.08	38.53	Sobhlal, Jenilal
SB3	0.275	179	80		1.85	147.6	39.16	5780.016	48.17	77.07	Kebla Prasad Hrihr
	1.254	188	80		1.85	147.6	39.16	5780.016	48.17	77.07	Manorma Devi
	0.152	190	40		1.85	73.8	39.16	2890.008	24.08	38.53	Ramdhri
	0.155	191	40		1.85	73.8	39.16	2890.008	24.08	38.53	Heralal etc.
	0.434	198	40		1.85	73.8	39.16	2890.008	24.08	38.53	Pannalal, Chotkau
SB4	0.435	147	120		1.85	221.4	39.16	8670.024	72.25	115.60	Bacchu
	0.048	151	200		1.85	369	39.16	14450.04	120.42	192.67	
	1.527	149	80		1.85	147.6	39.16	5780.016	48.17	77.07	Kashiram Or Ramraj
	0.162	154	40		1.85	73.8	39.16	2890.008	24.08	38.53	Ramnithur,Ramnihre
	0.329	199	40		1.85	73.8	39.16	2890.008	24.08	38.53	Srinath
	0.498	200	40		1.85	73.8	39.16	2890.008	24.08	38.53	Rahumtul Nish

2. Nibi

Name of Work	Benefited area (h)	Field No. / Khsara No.	Area of work			Work Measurement	Rate	Total Cost (Rs.)	Manday	Contribution	Name of Farmers
			Length	Width * Height	C.S. (Area)				Rs 120/Labour	SC/ST- 5, OBC/Gen- 10%	
CD9	1.198	79	100	(12.00+2.00)/2*2.50	17.50	1750	44.33	77577.5	64.65	1034.37	Om Prakash etc.
CD10	0.153	22	60		17.50	1050	44.33	46546.5	38.79	620.62	Amar Singh etc.
	0.525	21	40		17.50	700	44.33	31031	25.86	413.75	Amar Singh etc.
	0.536	24	40		17.50	700	44.33	31031	25.86	413.75	
PB1		1	320		17.50	5600	44.33	248248	206.87	3309.97	
	1.198	19	240		17.50	4200	44.33	186186	155.16	2482.48	Om Prakash
	0.525	21	160		17.50	2800	44.33	124124	103.44	1654.99	Amar Singh,Ramsing
	0.318	26	160		17.50	2800	44.33	124124	103.44	1654.99	Bahilal
	0.153	22	80		17.50	1400	44.33	62062	51.72	827.49	Amar Singh etc.

	0.137	25	80		17.50	1400	44.33	62062	51.72	827.49	Tarkeshvar Prashd etc.
	0.576	24	200		17.50	3500	44.33	155155	129.30	2068.73	
	0.536	24	200		17.50	3500	44.33	155155	129.30	2068.73	
MB10		7	40		17.50	700	44.33	31031	25.86	413.75	
	2.244	9	40		17.50	700	44.33	31031	25.86	413.75	Lal Bahdur
	1.211	12	160		17.50	2800	44.33	124124	103.44	1654.99	Kamlakant S/O Dayashnkar
	0.822	32	120		17.50	2100	44.33	93093	77.58	1241.24	
MB11	0.282	11	160		17.50	2800	44.33	124124	103.44	1654.99	Asravati Devi
	1.128	29	120		17.50	2100	44.33	93093	77.58	1241.24	Rajendra Singh, Krishn Singh
MB12	2.360	352	240		17.50	4200	44.33	186186	155.16	2482.48	Ramnaresh
SB4	0.145	104	160	$(3.40+0.70)/2*0.90$	1.85	295.2	39.16	11560.032	9.63	154.13	
	0.664	106	80		1.85	147.6	39.16	5780.016	4.82	77.07	Sugni Devi,Ramnihre
	0.664	102	80		1.85	147.6	39.16	5780.016	4.82	77.07	Rampati, Rambahre
SB5	0.282	348	240		1.85	442.8	39.16	17340.048	14.45	231.20	Laxman Singh
	0.530	349	120		1.85	221.4	39.16	8670.024	7.23	115.60	Amar Singh
SB6	0.174	576	280		1.85	516.6	39.16	20230.056	16.86	269.73	Jagdamba Prasad etc.
	0.338	585	120		1.85	221.4	39.16	8670.024	7.23	115.60	Ramshurat etc.
	2.579	570	80		1.85	147.6	39.16	5780.016	4.82	77.07	Tarkeshvar Prashd etc.
SB7	1.136	504	80		1.85	147.6	39.16	5780.016	4.82	77.07	Krishn Kumar Singh etc.
	0.659	503	40		1.85	73.8	39.16	2890.008	2.41	38.53	Satya Narayan singh
	0.029	505	120		1.85	221.4	39.16	8670.024	7.23	115.60	
	0.673	508	120		1.85	221.4	39.16	8670.024	7.23	115.60	
	0.673	527	120		1.85	221.4	39.16	8670.024	7.23	115.60	Sri Nivas, Surya Prakash
	1.865	535	120		1.85	221.4	39.16	8670.024	7.23	115.60	Jumraat Ali etc.
SB8	0.235	541	120		1.85	221.4	39.16	8670.024	7.23	115.60	Dhram Chndra
	0.275	542	80		1.85	147.6	39.16	5780.016	4.82	77.07	Bacchlal
	0.360	543	80		1.85	147.6	39.16	5780.016	4.82	77.07	Ramlal
	0.422	546	40		1.85	73.8	39.16	2890.008	2.41	38.53	Rajendra Prasad
SB9	0.027	111	120		1.85	221.4	39.16	8670.024	7.23	115.60	Ramlaxan
	0.034	159	120		1.85	221.4	39.16	8670.024	7.23	115.60	

	0.183	168	40		1.85	73.8	39.16	2890.008	2.41	38.53	
	0.068	167	40		1.85	73.8	39.16	2890.008	2.41	38.53	
	5.307	165	80		1.85	147.6	39.16	5780.016	4.82	77.07	Amar Singh
	5.307	165	80		1.85	147.6	39.16	5780.016	4.82	77.07	Amar Singh
	0.274	164	40		1.85	73.8	39.16	2890.008	2.41	38.53	Amar Singh,Ramsingh etc.
	1.555	551	320		1.85	590.4	39.16	23120.064	19.27	308.27	
	0.074	550	320		1.85	590.4	39.16	23120.064	19.27	308.27	Arun Kumar,Rakesh etc.
	6.459	477	320		1.85	590.4	39.16	23120.064	19.27	308.27	Bhmoli Prasad
SB10	0.153	119	200		1.85	369	39.16	14450.04	12.04	192.67	Hrihr
	0.058	118	160		1.85	295.2	39.16	11560.032	9.63	154.13	Kabla, Daya etc.
	0.661	138	280		1.85	516.6	39.16	20230.056	16.86	269.73	Krishn Kumar

ANNEXURE-II
LIVELIHOOD ACTION PLAN

Annual Action Plan for Livelihood (Physical & Financial)

Activities of SHGs	unit	First Year 2010-11		Second Year 2011-12		Third Year 2012-13		Fourth Year 2013-14		Total Project	
		Physical	Financial	Physical	Financial	Physical	Financial	Physical	Financial	Physical	Financial
		(1) Activity Goatary									
(a) No. of SHG's	No.	6	1.500	20	5.00	4	0.81	0	0	30	7.310
(b) No. of members	No.	180		400		400		0	0	980	
(c) Estimated income per year	Rs.	7.2		24.0		4.8		0		36	
(2) Activity- Back Yard Poultry											
(a) No. of SHG's	No.	5	0.2025	36	1.62	36	1.62	13	0.6075	90	4.050
(b) No. of members	No.	90		750		750		290		1890	
(c) Estimated income per year	Rs.	2.556		20.448		20.448		7.384		50.836	
(3) Activity- Poultry , Broiler											
(a) No. of SHG's	No.	4	0.325	14	2.6	11	2.6	4	0.9750	33	6.500
(b) No. of members	No.	50		370		370		390		1180	
(c) Estimated income per year	Rs.	3.760		13.160		10.340		3.760		31.020	
(4) Black Smithy											
(a) No. of SHG's	No.	0	0	3	0.375	3	0.375	0	0.0000	6	0.750
(b) No. of members	No.	10	0	40	0	40	0	10	0	100	
(c) Estimated income per year	Rs.	0	0	2.94	0	2.94	0	0	0	5.88	

(5) Rope making											
(a) No. of SHG's	No.	0	0.0945	3	0.4725	3	0.4725	0	0.0000	6	0.945
(b) No. of members	No.	10	0	40	0	40	0	10	0	100	0
(c) Estimated income per year	Rs.	0	0	2.94	0	2.94	0	0	0	5.88	
(6) Tailoring											
(a) No. of SHG's	No.	0	0.075	2	0.6	2	0.6	1	0.2250	6	1.500
(b) No. of members	No.	10	0	40	0	40	0	10	0	100	
(c) Estimated income per year	Rs.	0.294	0	2.352	0	2.352	0	0.98	0	5.978	
(7) Implements repair											
(a) No. of SHG's	No.	0	0	3	0.6125	3	0.6125	0	0.0000	6	1.225
(b) No. of members	No.	10	0	40	0	40	0	10	0	100	
(c) Estimated income per year	Rs.	0.343	0	2.744	0	2.744	0	0	0	5.831	
(8) Vermi Composting											
(a) No. of SHG's	No.	2	0.3965	14	3.172	14	3.172	5	1.1895	35	7.930
(b) No. of members	No.	20		170		170		10		370	
(c) Estimated income per year	Rs.	1.715	0.000	13.720	0.000	13.720	0.000	4.900	0.000	34.055	
(9) Food processing											
(a) No. of SHG's	No.	0	0.0875	2	0.70	2	0.70	1	0.2625	6	1.750
(b) No. of members	No.	10	0	40	0	40	0	10	0	100	
(c) Estimated income per year	Rs.	0.294	0	2.352	0	2.352	0	0.98	0	5.978	
(10) Mini Dal Mill											
(a) No. of SHG's	No.	0	0.0875	2	0.70	2	0.70	1	0.2625	6	1.750

Livelihood Option for Village Groups / Community
Input supplied to Interested Groups/ SHGs

Sr. No.	Name of Activity *	Name of input	Quantity/	Rate	No of IG / SHGs	Total Amount (Rs)
1	Organic complex	Red worms (<i>Eisinia fetida</i>) NADEP	2 q 10 Nos	25000 5000	4 (40 FF)	100000.00
2	Goat kids	Kids	40 Nos	1200	2 (20 FF)	48000.00
		Adult	02	2500		5000.00
3	Goat rearing	Female	10 Nos	3000	1 (10 FF)	30000.00
		Adult	01	3000		3000.00
4	Motor / Diesel repairing	Tool Kit	All tools	25000	1	25000.00
5	Masala Grinding	Pulvelizer	02	37000	2 (20 FF)	74000.00
6	Oil Expeller	Oil Expeller	01	84000	1 (10 FF)	84000.00
7	Poultry (Broiler)	Chicks	1000	25 per chicks	1 (10 FF)	25000.00
8	Wooden furniture	Instruments	01	61000	1 (10 FF)	61000.00
9	Mini Dal Mill	Machine	01	42000	1 (10 FF)	42000.00
10	Dairy	Buffaloes / Cows	10	25000	1 (10 FF)	250000.00
11	Back yard Poultry	Chicks	2000	18	2 (20 FF)	36000.00
12	Linseed rope making	Rope making machine	01	35000	1 (10 FF)	35000.00
13	Organic production	Registration	100 h	6000	5	120000.00
14	Tailoring	Sieving Machine	5 in 01 SHG	25000	2	25000.00

Note: Maximum Seed Money will be Rs 25000/- for one SHG / Individual. Re-payment limit up to 18 months.

ANNEXURE-III

Annual Action Plan for Agriculture Production System & Micro Enterprises (Physical & Financial)

Physical & Financial Outlay/ Target	Financial	2010-11		2011-12		2012-13		2013-14		Total	
		Physical	Financial								
(1) Agriculture											
(a) Crop demonstration											
(1) No. of dem.	No.	211	3.462	422	6.925	422	6.925			1056	17.312
(2) Area	H.	106		211.2		211.2					
(b) Seed Production											
(1) No. of dem.	No.	83	1.701	166	3.402	166	3.402			414	8.504
(2) Area	H.	41.4		82.8		82.8				184	
(2) Agro-forestry / Agri-Horticulture											
(a) Area	H.	6	0.796	13	1.592	13	1.592			31	3.980
(b) No. of Plants	No.										
(3) Afforestation		1600	0.506	3200	1.012	3200	1.012			8000	2.530
(a) Scattered Plantation	No	800	0.506	1600	1.012	1600	1.012			4000	2.530
(4) Animal husbandry											
(a) Green fodder	H./no. farmer	8/16	0.3378	16/32	0.6756	16/32	0.6756	10/20	0	35/70	1.689
(b) Rearing of milch cattle											
(i) Cow	No. of unit/ farmer no.	250	0.012	650	0.018	650	0.018	250	0.012	1800	0.060
(ii) Buffalows	No. of unit/ farmer no.	350	0.248	700	0.372	700	0.372	350	0.248	2100	1.240
(c) Goatary	„	250	0.024	550	0.036	550	0.036	250	0.024	1600	0.120
(d) Poultry	„	4	0.240	15	0.360	15	0.360	4	0.240	38/38	1.200

(e) Fisheries		0	0.333	3	0.499	6	0.499	6	0.333	15/30	1.664
(f) Dairy		10	0.216	38	0.324	38	0.324	10	0.216	95	1.080
(g) Health camps	No.	1256	0.180	3769	0.270	3769	0.270	3769	0.180	12562	0.900
(h) Artificial insemination	No. of animals	377	0.208	880	0.312	880	0.312	377	0.208	2513	1.040
(i) Natural service bull	No.	-	0.482	8	0.723	880	0.723	-	0.482	8	2.410
(5) Micro Enterprises									0.000		0.000
(a) No. of units	No.	0	0	2	4	0	0	0	0.000	2	4.000
(b) No. of beneficiaries	No.			25							
(c) Income per year	Rs.			2.5							

ANNEXURE - Details of Participatory Crop Trials of IWMP-II

Planning of Agriculture Demonstration in IWMP

GP/ Gram Sabh/ Village- Chand Khamarihia

MWS-

Project-

S. No.	Farmer Name	Crop	Variety	Area(h)	Total cost of demon. (Rs.)	Beneficiary Contribution (Rs.)	Shre of Project fund(Rs.)	Prop. date of sowing	Exp. Crop maturity date	Prop. Crop cutting Date	Productivity(Q/h)		Total Seed Production (Q.)	Expected Seed Exchange	
											Existing	Expected		No of Farmers	Quantity (Q.)
1	Amarnath	Arhr	Chmatkar	0.2	3000	600	2400	10 July	30 March	10 April	16	18	3.6	28	3.6
2	Prabht	Arhr	Chmatkar	0.2	3000	600	2400	10July	30 March	10 April	16	18	3.6	30	3.6
3	Kedar Nath	Arhr	Chmatkar	0.2	3000	300	2700	10 july	30 March	10 April	16	18	3.6	22	3.6
4	Shyam Deen	Arhr	Chmatkar	0.2	3000	300	2700	10 july	30 March	10 April	16	18	3.6	25	3.6
5	Sant Prabht	Arhr	Chmatkar	0.2	3000	600	2400	10 July	30 March	10 April	16	18	3.6	25	3.6
6	Jangilal	til	Tyep-4	0.2	2400	240	2160	10 July	30 March	10 April	4	6	1.2	22	1.2
7	Indar Bhn	til	Tyep-4	0.2	2400	240	2160	10 July	30 March	10 April	4	6	1.2	30	1.2
8	Tirveni	til	Tyep-4	0.2	2400	240	2160	10 July	30 March	10 April	4	6	1.2	24	1.2
	Total			1.6	22200	3120	19080				92	108	21.6	8	21.6

Planning of Agriculture Demonstration in IWMP

GP/ Gram Sabh/ Village- Chand Khamarihia

MWS- Chand Khamarihia

Project-

S. No.	Farmer Name	Crop	Variety	Area(h)	Total cost of demon. (Rs.)	Beneficiary Contribution (Rs.)	Shre of Project fund(Rs.)	Prop. date of sowing	Exp. Crop maturity date	Prop. Crop cutting Date	Productivity(Q/h)		Total Seed Production (Q.)	Expected Seed Exchnge	
											Existing	Expected		No of Farmers	Quantity (Q.)
1	Basant lal	Masoor	Narendra-2	0.2	2400	480	1920	15 Octumber	15 March	25 March	15	18	2.6	21	2.6
2	Krishna	Masoor	Narendra-2	0.2	2400	480	1920	15 Octumber	15 March	25 March	15	18	2.6	20	2.6
3	Datadeenkol	Masoor	Narendra-2	0.2	2400	240	2160	15 Octumber	15 March	25 March	15	18	2.6	30	2.6
4	Bhgvati	Masoor	Narendra-2	0.2	2400	240	2160	15 Octumber	15 March	25 March	15	18	2.6	28	2.6
5	Ganga	Chna	Radhe	0.2	3000	300	2700	5 Dec.	5 Apr.	10 Apr.	13	15	3.0	20	3.0
6	Lalla	Chna	Radhe	0.2	3000	300	2700	5 Dec.	5 Apr.	10 Apr.	13	15	3.0	23	3.0
7	Dayaram Singh	Chna	Radhe	0.2	3000	600	2400	5 Dec.	5 Apr.	10 Apr.	13	15	3.0	25	3.0
8	Krishna Kamal	Chna	Radhe	0.2	3000	600	2400	5 Dec.	5 Apr.	10 Apr.	13	15	3.0	23	3.0
	Total			1.6	21600	3240	18360				112	132	22.4	8	22.4

Planning of Agriculture Demonstration in IWMP

GP/ Gram Sabh/ Village- Chand Khamarihia

MWS-

Project-

S. No.	Farmer Name	Crop	Variety	Area(h)	Total cost of demon. (Rs.)	Beneficiary Contribution (Rs.)	Shre of Project fund(Rs.)	Prop. date of sowing	Exp. Crop maturity date	Prop. Crop cutting Date	Productivity(Q/h)		Total Seed Production (Q.)	Expected Seed Exchnge	
											Existing	Expected		No of Farmers	Quantity (Q.)
1	Amarnath	Arhr	Bhr	0.2	3000	600	2400	10 July	30 March	10 April	15	18	3.6	25	3.6
2	Prabht	Arhr	Bhr	0.2	3000	600	2400	10July	30 March	10 April	15	18	3.6	25	3.6
3	Kedar Nath	Arhr	Bhr	0.2	3000	300	2700	10 july	30 March	10 April	15	18	3.6	25	3.6
4	Shyam Deen	Arhr	Upas	0.2	3000	300	2700	15 july	15 March	15 April	13	15	3.0	25	3.0
5	Sant Prabht	Arhr	Upas	0.2	3000	600	2400	15 july	15 March	15 April	13	15	3.0	25	3.0
6	Jangilal	Arhr	Upas	0.2	3000	600	2400	15 july	15 March	15 April	13	15	3.0	25	3.0
7	Indar Bhn	til	Shekhr	0.2	2400	240	2160	5 July	30 March	10 April	4	6	1.2	25	1.2
8	Tirveni	til	Shekhr	0.2	2400	240	2160	10 July	30 March	10 April	4	6	1.2	28	1.2
9	Basantlal	til			2400	240	2160	10 July	30 March	10 April	4	6	1.2	28	1.2
	Total										96	117	23.4	231	23.4

Planning of Agriculture Demonstration in IWMP

GP/ Gram Sabh/ Village- Chand Khamarihia

MWS-

Project-

S. No.	Farmer Name	Crop	Variety	Area(h)	Total cost of demon. (Rs.)	Beneficiary Contribution (Rs.)	Shre of Project fund(Rs.)	Prop. date of sowing	Exp. Crop maturity date	Prop. Crop cutting Date	Productivity(Q/h)		Total Seed Production (Q.)	Expected Seed Exchange	
											Existing	Expected		No of Farmers	Quantity (Q.)
1	Durga Prasad	Masoor	DAL-62	0.2	2400	480	1920	15 Oct.	30 March	25 March	16	18	3.6	25	3.6
2	Sukhdev	Masoor	DAL	0.2	2400	480	2400	15 Oct.	30 March	25 March	16	18	3.6	25	3.6
3	Krishna	Masoor	DAL	0.2	2400	240	2700	15 Oct.	30 March	25 March	16	18	3.6	25	3.6
4	Sukhdev Ram	Masoor	DAL	0.2	2400	240	2700	15 Oct.	30 March	25 March	16	15	3.6	25	3.6
5	Aditya	Gram	Radhe	0.4	6000	600	2400	5 Dec.	5 Apr.	10 April	16	16	5.2	25	5.2
6	Krisn Kamal	Gram	Radhe	0.4	6000	600	2400	5 Dec.	5 Apr.	10 April	16	16	5.2	25	5.2
7	Dayaram	Gram	Radhe	0.4	6000	1200	2160	5 Dec.	5 Apr.	10 April	16	16	5.2	25	5.2
8	Lalla	Sarso	Bhvani	0.2	2600	260	2160	15 Oct.	20 March	25 March	11	13	2.6	28	2.6
9	Bhgvati	Sarso	Bhvani	0.2	2600	520	2160	15 Oct.	20 March	25 March	11	13	2.6	28	2.6
	Total										96	117	23.4	231	23.4

Planning of Agriculture Demonstration in IWMP

GP/ Gram Sabh/ Village- Niwi

MWS- Niwi

Project-

S. No.	Farmer Name	Crop	Variety	Area(h)	Total cost of demon. (Rs.)	Beneficiary Contribution (Rs.)	Shre of Project fund(Rs.)	Prop. date of sowing	Exp. Crop maturity date	Prop. Crop cutting Date	Productivity(Q/h)		Total Seed Production (Q.)	Expected Seed Exchnge	
											Existing	Expected		No of Farmers	Quantity (Q.)
1	Prem Shnkar	Arhr	Chmatkar	0.4	6000	600	5400	10 July	30 March	10 March	18	20	8.0	25	8.0
2	Shree Dhr	Arhr	Chmatkar	0.4	6000	600	5400	10 July	30 March	10 March	18	20	8.0	25	8.0
3	Hrilal	Arhr	Chmatkar	0.4	6000	600	5400	10 July	30 March	10 March	18	20	8.0	25	8.0
4	Gulab	Arhr	Chmatkar	0.4	6000	600	5400	10 July	30 March	10 March	18	20	8.0	25	8.0
5	Ramkumar	Arhr	Chmatkar	0.4	6000	600	5400	10 July	30 March	10 March	18	20	8.0	25	8.0
6	Rang Lal	Arhr	Chmatkar	0.4	6000	600	5400	10 July	30 March	10 March	18	20	8.0	25	8.0
7	Mangla Mishra	Arhr	Chmatkar	0.4	6000	1200	4800	10 July	30 March	10 March	18	20	8.0	25	8.0
8	Rampravesh	Bajra	Pusa-322	0.4	4800	960	3840	20 July	15 March	15 March	10	15	6.0	28	6.0
9	Mahendra	Bajra	Pusa-22	0.4	4800	960	3840	20 July	15 March	15 March	10	15	6.0	28	6.0
10	Bhilal	Bajra	Pusa-22	0.4	4800	960	3840	20 July	15 March	15 March	10	15	6.0		6.0
	Total										96	117	23.4	231	23.4

Planning of Agriculture Demonstration in IWMP

GP/ Gram Sabh/ Village- Niwi

MWS- Niwi

Project-

S. No.	Farmer Name	Crop	Variety	Area(h)	Total cost of demon. (Rs.)	Beneficiary Contribution (Rs.)	Shre of Project fund(Rs.)	Prop. date of sowing	Exp. Crop maturity date	Prop. Crop cutting Date	Productivity(Q/h)		Total Seed Production (Q.)	Expected Seed Exchange	
											Existing	Expected		No of Farmers	Quantity (Q.)
1	Lal Bhdur	Masoor	Pant Masoor-4	0.4	4800	480	4320	15 Oct.	4 Apr.	8 Apr.	12	14	5.6	25	5.6
2	Eshwerdayal	Masoor	Pant Masoor-4	0.4	4800	480	4320	15 Oct.	4 Apr.	8 Apr.	12	14	5.6	25	5.6
3	Shnkar Lal	Masoor	Pant Masoor-4	0.4	4800	480	4320	15 Oct.	4 Apr.	8 Apr.	12	14	5.6	25	5.6
4	Vijay Nath	Masoor	Pant Masoor-4	0.4	4800	480	4320	15 Oct.	4 Apr.	8 Apr.	12	14	5.6	25	5.6
5	Deena Nath	Gram	K-850	0.4	6000	600	5400	5 Dec.	4 Apr.	8 Apr.	12	15	6.0	25	6.0
6	Jiut Singh	Gram	K-850	0.4	6000	600	5400	5 Dec.	4 Apr.	8 Apr.	12	15	6.0	25	6.0
7	Amar Nath	Gram	K-850	0.4	6000	1200	4800	5 Dec.	4 Apr.	8 Apr.	12	15	6.0	25	6.0
8	Hri Shnkar	Gram	K-850	0.4	4800	1200	4800	5 Dec.	4 Apr.	8 Apr.	12	15	6.0	28	6.0
9	Hri Krishna	Sarso	Narendra-2	0.4	5200	1040	4160	5 Oct.	4 Apr.	8 Apr.	10	12	4.8	28	4.8
10	Siyaram	Sarso	Narendra-2	0.4	5200	1040	4160	5 Oct.	4 Apr.	8 Apr.	10	12	4.8	30	4.8
	Total										96	117	23.4	231	23.4

Planning of Agriculture Demonstration in IWMP

GP/ Gram Sabh/ Village- Niwi

MWS- Niwi

Project-

S. No.	Farmer Name	Crop	Variety	Area(h)	Total cost of demon. (Rs.)	Beneficiary Contribution (Rs.)	Shre of Project fund(Rs.)	Prop. date of sowing	Exp. Crop maturity date	Prop. Crop cutting Date	Productivity(Q/h)		Total Seed Production (Q.)	Expected Seed Exchnge	
											Existing	Expected		No of Farmers	Quantity (Q.)
1	Lal Bhdur	Arhr	Upas	0.4	6000	600	5400	10 July	30 March	5 Apr.	13	15	6.0	25	6.0
2	Dupedeem	Arhr	Upas	0.4	6000	600	5400	10 July	30 March	5 Apr.	13	15	6.0	25	6.0
3	SMT. Kalabati	Arhr	Upas	0.4	6000	600	5400	10 July	30 March	5 Apr.	13	15	6.0	25	6.0
4	Amarabati Devi	Arhr	Upas	0.4	6000	600	5400	10 July	30 March	5 Apr.	13	15	6.0	25	6.0
5	Kamla Kant	Arhr	Upas	0.4	6000	600	5400	10 July	30 March	5 Apr.	13	15	6.0	25	6.0
6	Avdhesh Kumar	Arhr	Upas	0.4	6000	600	5400	10 July	30 March	5 Apr.	13	15	6.0	25	6.0
7	Tribhuvan	Arhr	Upas	0.4	6000	600	5400	10 July	30 March	5 Apr.	13	15	6.0	25	6.0
8	Shyam Krishna	Til	Tyep-4	0.4	4800	960	3840	15 July	30 Sip.	1 Oct.	7	9	3.6	28	3.6
9	Aashram	Til	Tyep-4	0.4	4800	960	3840	15 July	30 Sip.	1 Oct.	7	9	3.6	28	3.6
10	Durvaram	Til	Tyep-4	0.4	4800	960	3840	15 July	30 Sip.	1 Oct.	7	9	3.6	35	3.6
11	Hindlal	Arhr	Upas	0.4	6000	1200	4800	10 July	30 March	5 Apr.	13	15	6.0	28	6.0
12	Chndrabhn	Arhr	Upas	0.4	6000	1200	4800	10 July	30 March	5 Apr.	13	15	6.0	30	6.0
	Total										96	117	23.4	231	23.4

Planning of Agriculture Demonstration in IWMP

GP/ Gram Sabh/ Village- Kaithwal

MWS-

Project-

S. No.	Farmer Name	Crop	Variety	Area(h)	Total cost of demon. (Rs.)	Beneficiary Contribution (Rs.)	Shre of Project fund(Rs.)	Prop. date of sowing	Exp. Crop maturity date	Prop. Crop cutting Date	Productivity(Q/h)		Total Seed Production (Q.)	Expected Seed Exchnge	
											Existing	Expected		No of Farmers	Quantity (Q.)
1	Rameswar	Arhr	Bhr	0.2	3000	300	2700	15 July	15 March	15 April	10	15	3.0	28	3.0
2	Rajaram	Bajra	Pusa-23	0.2	2400	240	2160	20 July	15 Oct.	15 Oct.	11	13	2.6	30	2.6
3	Girdhr Gopal	Bajra	Pusa-23	0.2	2400	280	2120	20 July	15 Oct.	15 Oct.	11	13	2.6	22	2.6
4	Ayodhya Prasad	Arhr	Upas	0.2	3000	300	2700	15 July	15 March	15 April	10	15	3.0	25	3.0
5	Surymani	Arhr	Upas	0.2	3000	600	2400	15 July	15 March	15 April	10	15	3.0	25	3.0
6	Siyaram	Arhr	Upas	0.2	3000	300	2700	15 July	15 March	15 April	10	15	3.0	22	3.0
7	Amritlal	Bajra	Pusa-23	0.2	2400	2400	2120	20 July	15 Oct.	15 Oct.	11	13	2.6	30	2.6
	Total			1.6	22200	3120	19080				92	108	21.6	8	21.6

Planning of Agriculture Demonstration in IWMP

GP/ Gram Sabh/ Village- Kihuni Kala				MWS-							Project-				
S. No.	Farmer Name	Crop	Variety	Area(h)	Total cost of demon. (Rs.)	Beneficiary Contribution (Rs.)	Shre of Project fund(Rs.)	Prop. date of sowing	Exp. Crop maturity date	Prop. Crop cutting Date	Productivity(Q/h)		Total Seed Production (Q.)	Expected Seed Exchange	
											Existing	Expected		No of Farmers	Quantity (Q.)
1	Badri Prasad Prjapati	Masoor	DPL-62	0.2	2400	480	1920	15 oct	15 March	25 March	11	14	2.8	28	2.8
2	Ramanuj Mishra	Masoor	DPL-62	0.2	2400	480	1920	15 oct	15 March	25 March	11	14	2.8	30	2.8
3	Sadanand Tivai	Masoor	DPL-62	0.2	2400	480	1920	15 oct	15 March	25 March	11	14	2.8	22	2.8
4	Hri Shnkar Pandey	Masoor	DPL-62	0.2	2400	480	1920	15 oct	15 March	25 March	11	14	2.8	25	2.8
5	Kaloo Ram Prajapati	Gram	Radhey	0.2	6000	1200	4800	5 Dec	5 April	10 April	13	15	6.0	25	6.0
6		Gram	Radhey	0.2	6000	600	5400	5 Dec	5 April	10 April	13	15	6.0	22	6.0
7		Gram	Radhey	0.2	3000	300	2700	5 Dec	5 April	10 April	13	15	3.0		3.0
8		Mustard	Ganga, Kaveri	0.2	2600	260	2340	5 Oct	25 march	1 April	12	14	2.8		2.8
9		Mustard	Ganga, Kaveri	0.2	2600	260	2340	5 Oct	25 march	1 April	12	14	2.8		2.8

Planning of Agriculture Demonstration in IWMP

GP/ Gram Sabh/ Village- Kihuni Kala				MWS-							Project-				
S. No.	Farmer Name	Crop	Variety	Area(h)	Total cost of demon. (Rs.)	Beneficiary Contribution (Rs.)	Shre of Project fund(Rs.)	Prop. date of sowing	Exp. Crop maturity date	Prop. Crop cutting Date	Productivity(Q/h)		Total Seed Production (Q.)	Expected Seed Exchange	
											Existing	Expected		No of Farmers	Quantity (Q.)
1	Badri Prasad Prjapati	Arhr	Bahr	0.2	3000	600	2400	10 July	30 March	5 April	15	18	3.6	28	3.6
2	Ramanuj Mishra	Arhr	Bahr	0.2	3000	600	2400	10 July	30 March	5 April	15	18	3.6	30	3.6
3	Sadanand Tivai	Arhr	Bahr	0.4	3000	600	2400	10 July	30 March	5 April	15	18	3.6	22	3.6
4	Hri Shnkar Pandey	Arhr	Bahr	0.2	3000	600	2400	10 July	30 March	5 April	15	18	3.6	25	3.6
5	Kaloo Ram Prajapati	Arhr	Bahr	0.2	3000	600	2400	10 July	30 March	5 April	15	18	3.6	25	3.6
6		Arhr	Bahr	0.2	3000	300	2700	10 July	30 March	5 April	15	18	3.6	22	3.6
7		Bajra	Pusa- 23	0.2	2400	240	2160	15 July	10 Oct	16 Oct	10	12	2.4		2.4
8		Bajra	Pusa- 23	0.2	2400	240	2160	15 July	10 Oct	16 Oct	10	12	2.4		2.4
9		Bajra	Pusa- 23	0.2	2400	240	2160	15 July	10 Oct	16 Oct	10	12	2.4		2.4

Planning of Agriculture Demonstration in IWMP

GP/ Gram Sabh/ Village- Kihuni Kala				MWS-							Project-				
S. No.	Farmer Name	Crop	Variety	Area(h)	Total cost of demon. (Rs.)	Beneficiary Contribution (Rs.)	Shre of Project fund(Rs.)	Prop. date of sowing	Exp. Crop maturity date	Prop. Crop cutting Date	Productivity(Q/h)		Total Seed Production (Q.)	Expected Seed Exchange	
											Existing	Expected		No of Farmers	Quantity (Q.)
1	Ramanuj Mishra	Masoor	DPL-62	0.2	2400	600	1800	15 Oct	15 March	25 March	11	14	2.8	28	2.8
2	Sadanand Tivai	Masoor	DPL-62	0.2	2400	600	1800	15 Oct	15 March	25 March	11	14	2.8	30	2.8
3	Badri Prasad Prjapati	Masoor	Narendra-2	0.2	2400	600	1800	15 Oct	15 March	25 March	10	13	2.6	22	2.6
4	Kaloo Ram Prajapati	Masoor	Narendra-2	0.2	2400	600	1800	15 Oct	15 March	25 March	10	13	2.6	25	2.6
5	Hri Shnkar Pandey	Mustard	Ganga, Kaveri	0.2	2600	520	2080	5 Oct	25 March	1 April	10	13	2.6	25	2.6
6		Mustard	Ganga, Kaveri	0.2	2600	260	2340	5 Oct	25 March	1 April	10	13	2.6	22	2.6
7		Gram	Radhey	0.2	3000	300	2700	5 Dec	15 April	20 April	15	18	3.6		3.6
8		Gram	Radhey	0.2	3000	300	2700	5 Dec	15 April	20 April	15	18	3.6		3.6
9		Gram	Radhey	0.2	3000	300	2700	5 Dec	15 April	20 April	15	18	3.6		3.6

Estimates of different Participatory crop trials

Pulses	Rabi	ICM	Lentil	
Area of Demonstration - 0.50 h				
Detail of Demonstration	Intervention / Technology Adopted	Organisations for obtaining Seed		
1. Name of Varieties	Narendra Masoor-1, DPL-15, L-4076, Pusa Vaibhv Late- IPL-81, K-75	C. S. A. University of Ag. & Technology, Kanpur, Indian Institute of Pulse Research, Kalyanpur Kanpur. IARI, Pusa New Delhi		
2. Sowing Time	IIInd week of October			
		Rate(Rs/kg/ Pkt)	Cost per h (Rs)	Demonstration Cost (Rs)
3. Required Seed	50 kg / h (F1,F2, Certified)	80	4000	2000.00
7. Use Weedicide	Pendimethlin 3.3 li/h (Pre emergence)	465	1535	767.25
11. Bio Fertilizers/Bio-agents				
i) Azatobactor + PSB	-			
ii) Rhizobium + PSB	5 Pkt + 5 Pkt = 10 Pkt @ Rs	7.5	75	37.50
iii) Trichoderma	1.50 kg /h (Soil treatment)	136	204	102.00
12. Recommended dose of fertilizers				
25:60:30 NPK				
i) DAP*	130 kg	15	1950	975.00
ii) SSP*	375 kg	8	3000	1500.00
iii) Urea	In case of SSP 54 kg Urea applied	6	324	162.00
iv) MOP	50 kg	7	350	175.00
* Either one	40 kg /h Sulphur added if SSP used			
13. IPM				
Spray of Neem Seed Kernal	10	30	300	150.00
Mataka Khd	15 lit/kg Gobar+Neemleaf+water+Desi cow urine+2 kg Molasis mix & Deco	2	124	62.00
Insecticides/Fungicides	If required One Dusting of Methyle Paratheon powder			

	25 kg / h	25	625	312.50
	Total (Less SSP)			4743.25
Integrated Crop Management	Chickpea			
Area of Demonstration - 0.50 h				
Detail of Demonstration	Intervention / Technology Adopted	Organisations for obtaining Seed		
1. Name of Varieties	KGD-1168, KWR-108, Pusa-256, Pusa-367	C. S. A. University of Ag. & Technology, Kanpur, Indian Institute of Pulse Research, Kalyanpur Kanpur. IARI, Pusa New Delhi		
	Late- Udai			
2. Sowing Time	1st week of October			
		Rate(Rs/kg/ Pkt)	Cost per h (Rs)	Demonstration Cost (Rs)
3. Required Seed	80 kg / h (F1,F2, Certified)	65	5200	2600.00
	Pendimethlin 3.3 li/h	465	1535	767.25
7. Use Weedicide	(Pre emergence)			
11. Bio Fertilizers/Bio-agents				
i) Azatobactor + PSB	-			
ii) Rhizobium + PSB	5 Pkt + 5 Pkt = 10 Pkt @ Rs	7.5	75	37.50
iii) Trichoderma	1.50 kg /h (Soil treatment)	136	204	102.00
12. Recommended dose of fertilizers				
25:60:30 NPK				
i) DAP*	130 kg	15	1950	975.00
ii) SSP*	375 kg	8	3000	1500.00
iii) Urea	In case of SSP 54 kg Urea applied	6	324	162.00
iv) MOP	50 kg	7	350	175.00
* Either one	40 kg /h Sulphur added if SSP used			
13. IPM				
Spray of Neem Seed Kernal		10	30	300
Mataka Khd	15 lit/kg Gobar+Neemleaf+water+Desi cow urine+2 kg Molasis mix & Deco	2	124	62.00

NPV	250 LE /h at the time pod formation	200	200	100.00
Insecticides/Fungicides	If required One Dusting of Methyle Parattheon powder			
	25 kg / h	25	625	312.50
	Total (Less SSP)			5443.25
Integrated Crop Management	Field Pea			
Area of Demonstration - 0.50 h				
Detail of Demonstration	Intervention / Technology Adopted	Organisations for obtaining Seed		
1. Name of Varieties	KMPR-400, KPMR-522, Rachna, Shikh	C. S. A. University of Ag. & Technology, Kanpur, Indian Institute of Pulse Research, Kalyanpur Kanpur. IARI, Pusa New Delhi		
2. Sowing Time	IIInd week of October			
		Rate(Rs/kg/ Pkt)	Cost per h (Rs)	Demonstration Cost (Rs)
3. Required Seed	100 kg / h (F1,F2, Certified)	60	6000	3000.00
	Pendimethlin 3.3 li/h	465	1535	767.25
7. Use Weedicide	(Pre emergence)			
11. Bio Fertilizers/Bio-agents				
i) Azatobactor + PSB	-			
ii) Rhizobium + PSB	5 Pkt + 5 Pkt = 10 Pkt @ Rs	7.5	75	37.50
iii) Trichoderma	1.50 kg /h (Soil treatment)	136	204	102.00
12. Recommended dose of fertilizers				
25:60:30 NPK				
i) DAP*	130 kg	15	1950	975.00
ii) SSP*	375 kg	8	3000	1500.00
iii) Urea	In case of SSP 54 kg Urea applied	6	324	162.00
iv) MOP	50 kg	7	350	175.00
* Either one	40 kg /h Sulphur added if SSP used			
13. IPM				

Spray of Neem Seed Kernal	10	30	300	150.00
Mataka Khd	15 lit/kg Gobar+Neemleaf+water+Desi cow urine+2 kg Molasis mix & Deco	2	124	62.00
Insecticides/Fungicides	If required One Dusting of Methyle Paratheon powder			
	25 kg / h	25	625	312.50
	Total (Less SSP)			5743.25
Integrated Crop Management	Urd			
Area of Demonstration - 0.50 h				
Detail of Demonstration	Intervention / Technology Adopted	Organisations for obtaining Seed		
1. Name of Varieties	Shekhr-2, Azad-1, PU-35, Narendra Urd-1	C. S. A. Unversity of Ag. & Technology, Kanpur, Indian Institute of Pulse Research, Kalyanpur Kanpur. IARI, Pusa New Delhi		
2. Sowing Time	Last week of July			
		Rate(Rs/kg/Pkt)	Cost per h (Rs)	Demonstration Cost (Rs)
3. Required Seed	16 kg / h (F1,F2, Certified)	100	1600	800.00
7. Use Weedicide	Pendimethlin 3.3 li/h	465	1535	767.25
	(Pre emergence)			
11. Bio Fertilizers/Bio-agents				
i) Azatobactor + PSB	-			
ii) Rhizobium + PSB	5 Pkt + 5 Pkt = 10 Pkt @ Rs	7.5	75	37.50
iii) Trichoderma	1.50 kg /h (Soil treatment)	136	204	102.00
12. Recommended dose of fertilizers				
25:60:30 NPK				
i) DAP*	130 kg	15	1950	975.00
ii) SSP*	375 kg	8	3000	1500.00
iii) Urea	In case of SSP 54 kg Urea applied	6	324	162.00

iv) MOP	50 kg	7	350	175.00
* Either one	40 kg /h Sulphur added if SSP used			
13. IPM				
Spray of Neem Seed Kernal	10	30	300	150.00
Mataka Khd	15 lit/kg Gobar+Neemleaf+water+Desi cow urine+2 kg Molasis mix & Deco	2	124	62.00
Insecticides/Fungicides	If required One Dusting of Methyle Paratheon powder			
	25 kg / h	25	625	312.50
	Total (Less SSP)			3543.25
Integrated Crop Management	Moong			
Area of Demonstration - 0.50 h				
Detail of Demonstration	Intervention / Technology Adopted	Organisations for obtaining Seed		
1. Name of Varieties	T.M-9937, Meh, Pant Moong-1,2 Late- Type-44, Samrat	C. S. A. University of Ag. & Technology, Kanpur, Indian Institute of Pulse Research, Kalyanpur Kanpur. IARI, Pusa New Delhi		
2. Sowing Time	Last week of June			
		Rate(Rs/kg/ Pkt)	Cost per h (Rs)	Demonstration Cost (Rs)
3. Required Seed	16 kg / h (F1,F2, Certified)	100	1600	800.00
	Pendimethlin 3.3 li/h	465	1535	767.25
7. Use Weedicide	(Pre emergence)			
11. Bio Fertilizers/Bio-agents				
i) Azatobactor + PSB	-			
ii) Rhizobium + PSB	5 Pkt + 5 Pkt = 10 Pkt @ Rs	7.5	75	37.50
iii) Trichoderma	1.50 kg /h (Soil treatment)	136	204	102.00
12. Recommended dose of fertilizers				
25:60:30 NPK				

i) DAP*	130 kg	15	1950	975.00
ii) SSP*	375 kg	8	3000	1500.00
iii) Urea	In case of SSP 54 kg Urea applied	6	324	162.00
iv) MOP	50 kg	7	350	175.00
* Either one	40 kg /h Sulphur added if SSP used			
13. IPM				
Spray of Neem Seed Kernal	10	30	300	150.00
Mataka Khd	15 lit/kg Gobar+Neemleaf+water+Desi cow urine+2 kg Molasis mix & Deco	2	124	62.00
NPV	250 LE /h at the time pod formation	200	200	100.00
Insecticides/Fungicides	If required One Dusting of Methyle Parattheon powder			
	25 kg / h	25	625	312.50
	Total (Less SSP)			3643.25
Integrated Crop Management	Arhr			
Area of Demonstration - 0.50 h				
Detail of Demonstration	Intervention / Technology Adopted	Organisations for obtaining Seed		
1. Name of Varieties	Paras, UPAS-120, Type-21, Pusa-992 (Wilt rest.) Late- Bahr, Narendra Arhr-1, Azad	C. S. A. University of Ag. & Technology, Kanpur, Indian Institute of Pulse Research, Kalyanpur Kanpur. IARI, Pusa New Delhi		
2. Sowing Time	Late- Month July Early Last Week of June	Rate(Rs/kg/ Pkt)	Cost per h (Rs)	Demonstration Cost (Rs)
3. Required Seed	20 kg / h (F1,F2, Certified)	120	2400	1200.00
7. Use Weedicide	-	-	-	-
11. Bio Fertilizers/Bio-agents				
i) Azatobactor + PSB	-			
ii) Rhizobium + PSB	5 Pkt + 5 Pkt = 10 Pkt @ Rs	7.5	75	37.50

iii) Trichoderma	1.50 kg /h (Soil treatment)	136	204	102.00
12. Recommended dose of fertilizers				
15:45:20 NPK				
i) DAP*	100 kg	15	1500	750.00
ii) SSP*	250 kg	8	2000	1000.00
iii) Urea	In case of SSP 54 kg Urea applied	6	324	162.00
iv) MOP	50 kg	7	350	175.00
* Either one	30 kg /h Sulphur added if SSP used			
13. IPM				
Spray of Neem Seed Kernal	10	30	300	150.00
Mataka Khd	15 lit/kg Gobar+Neemleaf+water+Desi cow urine+2 kg Molasis mix & Deco	2	124	62.00
Insecticides/Fungicides	If required One Dusting of Methyle Paratheon powder			
	25 kg / h	25	625	312.50
	Total			2951.00
Integrated Crop Management	Linseed			
Area of Demonstration - 0.50 h				
Detail of Demonstration	Intervention / Technology Adopted	Organisations for obtaining Seed		
1. Name of Varieties	Sweta, Subhra, Garima, Shekhr, Parwati Late- Laxmi-27, Padmini	C. S. A. University of Ag. & Technology, Kanpur, Indian Institute of Pulse Research, Kalyanpur Kanpur. IARI, Pusa New Delhi		
2. Sowing Time	Mid October	Rate(Rs/kg/ Pkt)	Cost per h (Rs)	Demonstration Cost (Rs)
3. Required Seed	30 kg / h (F1,F2, Certified)	75	2250	1125.00
	-	-	-	-
7. Use Weedicide				
11. Bio Fertilizers/Bio-agents				

i) Azatobactor + PSB	5 Pkt + 5 Pkt = 10 Pkt @ Rs	7.5	75	37.50
ii) Rhizobium + PSB	-	-	-	-
iii) Trichoderma	-	-	-	-
12. Recommended dose of fertilizers				
50:40:40 NPK				
i) DAP*	125 kg	15	1875	937.50
ii) SSP*	275 kg	8	2200	1100.00
iii) Urea	50 kg	6	300	150.00
iv) MOP	50 kg	7	350	175.00
* Either one	30 kg /h Sulphur added if SSP used			
13. IPM				
Spray of Neem Seed Kernal	10	30	300	150.00
Mataka Khd	15 lit/kg Gobar+Neemleaf+water+Desi cow urine+2 kg Molasis mix & Deco	2	124	62.00
Insecticides/Fungicides	If required One Dusting of Methyle Paratheon powder			
	25 kg / h	25	625	312.50
	Total (Less SSP)			2949.50
Integrated Crop Management				
Mustard				
Area of Demonstration - 0.50 h				
Detail of Demonstration				
Intervention / Technology Adopted		Organisations for obtaining Seed		
1. Name of Varieties	Varuna, Kranti, Rohini, Vaibhv, Pusa Bold Late-Ashirvad, Vardan	C. S. A. University of Ag. & Technology, Kanpur, Indian Institute of Pulse Research, Kalyanpur Kanpur. IARI, Pusa New Delhi		
2. Sowing Time	October first week	Rate(Rs/kg/ Pkt)	Cost per h (Rs)	Demonstration Cost (Rs)
3. Required Seed	6 kg / h (F1,F2, Certified)	150	900	450.00
7. Use Weedicide	-	-	-	-

11. Bio Fertilizers/Bio-agents				
i) Azatobactor + PSB	5 Pkt + 5 Pkt = 10 Pkt @ Rs	7.5	75	37.50
ii) Rhizobium + PSB	-	-	-	-
iii) Trichoderma	-	-	-	-
12. Recommended dose of fertilizers				
60:50:30 NPK				
i) DAP*	180 kg	15	2700	1350.00
ii) SSP*	275 kg	8	2200	1100.00
iii) Urea	75 kg	6	450	225.00
iv) MOP	50 kg	7	350	175.00
* Either one	30 kg /h Sulphur added if SSP used			
13. IPM				
Spray of Neem Seed Kernal	10	30	300	150.00
Mataka Khd	15 lit/kg Gobar+Neemleaf+water+Desi cow urine+2 kg Molasis mix & Deco	2	124	62.00
Insecticides/Fungicides	If required One Dusting of Methyle Paratheon powder			
	25 kg / h	25	625	312.50
	Total (Less SSP)			2762.00
Integrated Crop Management	Toriya			
Area of Demonstration - 0.50 h				
Detail of Demonstration	Intervention / Technology Adopted	Organisations for obtaining Seed		
1. Name of Varieties	Type-9, PT-303, PT-30 Late-Bhwani	C. S. A. University of Ag. & Technology, Kanpur, Indian Institute of Pulse Research, Kalyanpur Kanpur. IARI, Pusa New Delhi		
2. Sowing Time	First Fortnight of September	Rate(Rs/kg/ Pkt)	Cost per h (Rs)	Demonstration Cost (Rs)
3. Required Seed	4 kg / h (F1,F2, Certified)	200	800	400.00
7. Use Weedicide	-	-	-	-

11. Bio Fertilizers/Bio-agents				
i) Azatobactor + PSB	5 Pkt + 5 Pkt = 10 Pkt @ Rs	7.5	75	37.50
ii) Rhizobium + PSB	-	-	-	-
iii) Trichoderma	-	-	-	-
12. Recommended dose of fertilizers				
50:30:30 NPK				
i) DAP*	125 kg	15	1875	937.50
ii) SSP*	275 kg	8	2200	1100.00
iii) Urea	50 kg	6	300	150.00
iv) MOP	50 kg	7	350	175.00
* Either one	30 kg /h Sulphur added if SSP used			
13. IPM				
Spray of Neem Seed Kernal	10	30	300	150.00
Mataka Khd	15 lit/kg Gobar+Neemleaf+water+Desi cow urine+2 kg Molasis mix & Deco	2	124	62.00
Insecticides/Fungicides	If required One Dusting of Methyle Paratheon powder			
	25 kg / h	25	625	312.50
	Total (Less SSP)			2224.50
Integrated Crop Management Til (Sesamum)				
Area of Demonstration - 0.50 h				
Detail of Demonstration	Intervention / Technology Adopted	Organisations for obtaining Seed		
1. Name of Varieties	Type-4,12,13,78, Shekhr Late- Pragati, Tarun	C. S. A. University of Ag. & Technology, Kanpur, Indian Institute of Pulse Research, Kalyanpur Kanpur. IARI, Pusa New Delhi		
2. Sowing Time	June last week to July 15	Rate(Rs/kg/ Pkt)	Cost per h (Rs)	Demonstration Cost (Rs)
3. Required Seed	4 kg / h (F1,F2, Certified)	150	600	300.00
7. Use Weedicide	-	-	-	-

11. Bio Fertilizers/Bio-agents				
i) Azatobactor + PSB	5 Pkt + 5 Pkt = 10 Pkt @ Rs	7.5	75	37.50
ii) Rhizobium + PSB	-	-	-	-
iii) Trichoderma	-	-	-	-
12. Recommended dose of fertilizers				
30:15:25 NPK				
i) DAP*	80 kg	15	1200	600.00
ii) SSP*	225 kg	8	1800	900.00
iii) Urea	30 kg	6	180	90.00
iv) MOP	40 kg	7	280	140.00
* Either one	30 kg /h Sulphur added if SSP used			
13. IPM				
Spray of Neem Seed Kernal	10	30	300	150.00
Mataka Khd	15 lit/kg Gobar+Neemleaf+water+Desi cow urine+2 kg Molasis mix & Deco	2	124	62.00
Insecticides/Fungicides	If required One Dusting of Methyle Paratheon powder			
	25 kg / h	25	625	312.50
	Total (Less SSP)			1692.00
Integrated Crop Management	Wheat			
Area of Demonstration - 0.50 h				
Detail of Demonstration	Intervention / Technology Adopted	Organisations for obtaining Seed		
1. Name of Varieties	UP-2338,WH-542,PBW-343,502,550,K-9006,307	C. S. A. University of Ag. & Technology, Kanpur, Indian Institute of Pulse Research, Kalyanpur Kanpur. IARI, Pusa New Delhi		
2. Sowing Time	Mid October to first week of Nov	Rate(Rs/kg/ Pkt)	Cost per h (Rs)	Demonstration Cost (Rs)
3. Required Seed	100 kg / h (F1,F2, Certified)	25	2500	1250.00
7. Use Weedicide	Total - at 28 to 32 at after sowing	950	950	475.00

11. Bio Fertilizers/Bio-agents				
i) Azatobactor + PSB	5 Pkt + 5 Pkt = 10 Pkt @ Rs	7.5	75	37.50
ii) Rhizobium + PSB	-	-	-	-
iii) Trichoderma	1.50 kg /h (Soil treatment)	136	204	102.00
12. Recommended dose of fertilizers				
120:60:40 NPK				
i) DAP*	325 kg	15	4875	2437.50
ii) SSP*	-	-	-	0.00
iii) Urea	100 kg	6	600	300.00
iv) MOP	80 kg	7	560	280.00
v) Zinc	30 kg /h	25	750	375.00
13. IPM				
Spray of Neem Seed Kernal	10	30	300	150.00
Mataka Khd	15 lit/kg Gobar+Neemleaf+water+Desi cow urine+2 kg Molasis mix & Deco	2	124	62.00
Insecticides/Fungicides	If required One Dusting of Methyle Paratheon powder			
	25 kg / h	25	625	312.50
	Total (Less SSP)			5781.50
Integrated Crop Management	Maize			
Area of Demonstration - 0.50 h				
Detail of Demonstration	Intervention / Technology Adopted	Organisations for obtaining Seed		
1. Name of Varieties	Hyb. Duccan-103, 105, Sankul- Dhwal, Shkti-1, Popcorn-Amber, V.L. Amber, Perl popcorn	C. S. A. University of Ag. & Technology, Kanpur, Indian Institute of Pulse Research, Kalyanpur Kanpur. IARI, Pusa New Delhi		
2. Sowing Time	15 Oct. to 15 Nov.	Rate(Rs/kg/Pkt)	Cost per h (Rs)	Demonstration Cost (Rs)
3. Required Seed	22 kg / h (F1,F2, Certified)	60	1320	660.00

4. Seed Treatment	Thirum & 25 ml Chloropyrphose	60	60	30.00
11. Bio Fertilizers/Bio-agents				
i) Azatobactor + PSB	5 Pkt + 5 Pkt = 10 Pkt @ Rs	7.5	75	37.50
ii) Rhizobium + PSB	-	-	-	-
iii) Trichoderma	1.50 kg /h (Soil treatment)	136	204	102.00
12. Recommended dose of fertilizers				
100:60:40 NPK				
i) DAP*	265 kg	15	3975	1987.50
ii) SSP*	-	-	-	0.00
iii) Urea	80 kg	6	480	240.00
iv) MOP	50 kg	7	350	175.00
v) Zinc	-	-	-	0.00
13. IPM				
Spray of Neem Seed Kernal	10	30	300	150.00
Mataka Khd	15 lit/kg Gobar+Neemleaf+water+Desi cow urine+2 kg Molasis mix & Deco	2	124	62.00
Insecticides/Fungicides	If required One Dusting of Methyle Paratheon powder			
	25 kg / h	25	625	312.50
	Total (Less SSP)			3756.50
Integrated Crop Management	Maize			
Area of Demonstration - 0.50 h				
Detail of Demonstration	Intervention / Technology Adopted	Organisations for obtaining Seed		
1. Name of Varieties	Hybrid- Ganga-11, Sartaj, Prakash, Pusa Hybrid Maize5, Composite-Prabht, Navjyoti, Pusa Composite-2, Naveen	C. S. A. University of Ag. & Technology, Kanpur, Indian Institute of Pulse Research, Kalyanpur Kanpur. IARI, Pusa New Delhi		
2. Sowing Time	Mid June	Rate(Rs/kg/Pkt)	Cost per h (Rs)	Demonstration Cost (Rs)
3. Required Seed	20 kg / h (F1,F2, Certified)	40	800	400.00

4. Seed Treatment	Thirum & 25 ml Chloropyrphose	60	60	30.00
11. Bio Fertilizers/Bio-agents				
i) Azatobactor + PSB	5 Pkt + 5 Pkt = 10 Pkt @ Rs	7.5	75	37.50
ii) Rhizobium + PSB	-	-	-	-
iii) Trichoderma	1.50 kg /h (Soil treatment)	136	204	102.00
12. Recommended dose of fertilizers				
100:60:40 NPK				
i) DAP*	265 kg	15	3975	1987.50
ii) SSP*	-	-	-	0.00
iii) Urea	80 kg	6	480	240.00
iv) MOP	50 kg	7	350	175.00
v) Zinc	-	-	-	0.00
13. IPM				
Spray of Neem Seed Kernal	10	30	300	150.00
Mataka Khd	15 lit/kg Gobar+Neemleaf+water+Desi cow urine+2 kg Molasis mix & Deco	2	124	62.00
Insecticides/Fungicides	If required One Dusting of Methyle Paratheon powder			
	25 kg / h	25	625	312.50
	Total (Less SSP)			3496.50
Integrated Crop Management	Sorghum			
Area of Demonstration - 0.50 h				
Detail of Demonstration	Intervention / Technology Adopted	Organisations for obtaining Seed		
1. Name of Varieties	CSV-13, 15, 1616, Bundela. CSH-16	C. S. A. University of Ag. & Technology, Kanpur, Indian Institute of Pulse Research, Kalyanpur Kanpur. IARI, Pusa New Delhi		
2. Sowing Time	June last to July first week	Rate(Rs/kg/ Pkt)	Cost per h (Rs)	Demonstration Cost (Rs)
3. Required Seed	12 kg / h (F1,F2, Certified)	40	480	240.00

4. Seed Treatment	Thirum & 25 ml Chloropyrphose	60	60	30.00
11. Bio Fertilizers/Bio-agents				
i) Azatobactor + PSB	5 Pkt + 5 Pkt = 10 Pkt @ Rs	7.5	75	37.50
ii) Rhizobium + PSB	-	-	-	-
iii) Trichoderma	1.50 kg /h (Soil treatment)	136	204	102.00
12. Recommended dose of fertilizers				
80:40:20 NPK				
i) DAP*	280 kg	15	4200	2100.00
ii) SSP*	-	-	-	0.00
iii) Urea	100 kg	6	600	300.00
iv) MOP	80 kg	7	560	280.00
v) Zinc	-	-	-	0.00
13. IPM				
Spray of Neem Seed Kernal	10	30	300	150.00
Mataka Khd	15 lit/kg Gobar+Neemleaf+water+Desi cow urine+2 kg Molasis mix & Deco	2	124	62.00
Insecticides/Fungicides	If required One Dusting of Methyle Paratheon powder			
	25 kg / h	25	625	312.50
	Total (Less SSP)			3614.00

मनरेगा कन्वर्जेन्स के अन्तर्गत प्रस्तावित कार्यो का व्यय आगणन विवरण							
भूमि संरक्षण इकाई:- भूमि विकास एवं जल संसाधन विभाग कौशाम्बी							
सूक्ष्म जलोगम का नाम व कोड:-		चौद खमरिया					
क्र० सं०	परियोजना का नाम	ग्राम पंचायत का नाम	एस०बी०		सी०बी०		कुल धनराशि
			लम्बाई (मी०में)	धनराशि (रु०में)	लम्बाई (मी०में)	धनराशि (रु०में)	
1	चौद खमरिया	पटेहरा			1380	104302	104302
2		चौद खमरिया	4060	521802	2640	199534	721336
		सम्पूर्ण योग	4060	521802	4020	303836	825638
					पक्का कार्य		550300.00
					सम्पूर्ण योग		1375938

मनरेगा कन्वर्जेन्स के अन्तर्गत प्रस्तावित कार्यो का व्यय आगणन विवरण					
भूमि संरक्षण इकाई:- भूमि विकास एवं जल संसाधन विभाग कौशाम्बी					
सूक्ष्म जलोगम का नाम व कोड:-		किहुनीकला			
क्र० सं०	परियोजना का नाम	ग्राम पंचायत का नाम	सी०डी०		कुल धनराशि
			लम्बाई (मी०में)	धनराशि (रु०में)	
1	किहुनीकला	किहुनीखुर्द	9190		694590
2		किहुनीखुर्द	32 no.		463000
		सम्पूर्ण योग			1157590

मनरेगा कन्वर्जेन्स के अन्तर्गत प्रस्तावित कार्यो का व्यय आगणन विवरण							
भूमि संरक्षण इकाई:- भूमि विकास एवं जल संसाधन विभाग कौशाम्बी							
सूक्ष्म जलोगम का नाम व कोड:-		पवारी					
क्र० सं०	परियोजना का नाम	ग्राम पंचायत का नाम	एस०बी०		सी०बी०		कुल धनराशि
			लम्बाई (मी०में)	धनराशि (रु०में)	लम्बाई (मी०में)	धनराशि (रु०में)	
1	पवारी 2A7D2d2d	पवारी	2050	263471	3550	268313	531784.00
2		जमसोत	350	44983	950	71802	116785.00
3		सिरहिर	-	-	1025	77470	77470.00
4		सिलौधीकला			350	26453	26453.00
		सम्पूर्ण योग		2400	308454	5875	444038
						पक्का कार्य	501660.00
						कुल योग	1254152.00

मनरेगा कन्वर्जेन्स के अन्तर्गत प्रस्तावित कार्यो का व्यय आगणन विवरण							
भूमि संरक्षण इकाई:- भूमि विकास एवं जल संसाधन विभाग कौशाम्बी							
सूक्ष्म जलोगम का नाम व कोड:-		बैजला					
क्र० सं०	परियोजना का नाम	ग्राम पंचायत का नाम	एस०बी०		सी०बी०		कुल धनराशि
			लम्बाई (मी०में)	धनराशि (रु०में)	लम्बाई (मी०में)	धनराशि (रु०में)	
1	बैजला 2A7D2d2b	कैधनल	700	89965	150	11337	101302.00
2		किहुनीखुर्द	-	-	200	15116	15116.00
3		बैजला	-	-	2200	166278	166278.00
4		बहरैचा	1250	160653	1950	147383	308036.00
5		बघोल	-	-	800	60464	60464.00
6		महुलीकला	-	-	3000	226743	226743
		योग	1950	250618	8300	627321	877939.00
					पक्का कार्य		585292.00
					सम्पूर्ण योग		1463231.00

मनरेगा कन्वर्जेन्स के अन्तर्गत प्रस्तावित कार्यो का व्यय आगणन विवरण								
भूमि संरक्षण इकाई:- भूमि विकास एवं जल संसाधन विभाग कौशाम्बी								
सूक्ष्म जलोगम का नाम व कोड:-		कैथवल						
क्र० सं०	परियोजना का नाम	ग्राम पंचायत का नाम	एस०बी०		सी०बी०		कुल धनराशि	
			लम्बाई (मी०में)	धनराशि (रु०में)	लम्बाई (मी०में)	धनराशि (रु०में)		
1	कैथवल 2A7D2e3a	ठठहा	450	57834	150	11337	69171.00	
2		कोलसरा	-	-	1550	117150	117450.00	
3		कैथवल	-	-	2150	162444	162444.00	
4		कुडरी भारत		-	1925	145493	145493.00	
5		बहरैचा		-	-	1200	90697	90697.00
6				-	-			
			सम्पूर्ण योग	450	57834	6975	527121	585255.00
					पक्का कार्य		389970.00	
					कुल योग		975225.00	

मनरेगा कन्वर्जेन्स के अन्तर्गत प्रस्तावित कार्यो का व्यय आगणन विवरण				
भूमि संरक्षण इकाई:- भूमि विकास एवं जल संसाधन विभाग कौशाम्बी				
सूक्ष्म जलोगम का नाम व कोड:-		नीबी		
क्र० सं०	परियोजना का नाम	ग्राम पंचायत का नाम	एस०बी०	
			लम्बाई (मी०में)	धनराशि (रु०में)
1	नीबी 2A7D2f1a	लेडिपारी, नीबी, धोवहट, चौलारी	3760	902319.00
2		लेडिपारी, नीबी, धोवहट, चौलारी	2880	691138.00
3		लेडिपारी, नीबी, धोवहट, चौलारी	6200	468602.00
	योग			2062059.00
			पक्का कार्य	1374704.00
			सम्पूर्ण योग	3436763.00

Design of Drop Structure/Drop Spillway of 3 m crest					
HYDROLOGIC DESIGN					
Area (h)	25				
slope	0.015				
K	7.47				
a	0.17				
b	0.75				
n	0.96				
Time of Concentration					
		Le.77	Se-0.385		
L (m)	200	59.128			
S	0.015		5.037382		
		hour	Tc + b		(tc+b) power n
Tc	5.799	0.0967	0.846652		0.85231
Intensity					
		Tr power a			
Tr	15	1.5847			
I		13.889			
Dischrge					
			Taken		
	c	0.5	Coeff		
	I	138.89	mm/hr		
	A	25	h		
	Q	4.8224			Cumec

HYDRAULIC DESIGN							
	Length of crest weir (m)			3			
	Weir height (m)			h			
		Q = 1.71*L*h power (3/2)					
		h power 3/2		0.94005			
		h		0.95966	0.95	h1	
		h + free board		1.05563	1		
	Depth of gully			2			
	Height of water drop (H)			1		Say	1

STABILITY ANALYSIS								
Let			Top width (m)	t	0.5			
			Bottom width (m)	T	1.1			
Weight of dam per unit length (kg)				W	1760		W square	3097600
Horizontzl water pressure (Kg)				P	500		P square	250000
Uplift pressure (kg)				U	$(T*w*H)/2$	550		
Net downword force (kg)				Wn	W-U	1210	Wn Square	1464100
Resultant (kg)				R				1309
				H	1			
				Xbar		0.4188		
				Z		0.1614		
Point of Resultant (xbar+Z)						0.5802		
				EA		0.6813		
				P*H/3		166.67		
				W*EA		1199		
				b/6		0.1833		
				b/2		0.55		
			$e = xbar+Z-b/2$	e (OF)		0.0302		
			$fmax = Wn/b(1+6*e/b)$	fmax		1281		
A Safety against sliding								

					$(\mu * W) / P$			1.21		
B Safety against overturning					$(W * EA) / (P * H / 3)$			2.105		
C Safety against Tension					$e < b/6$ or $b/6 - e$ should be +ive			0.1532		
D Safety against Crushing				Permiss comp Stress kg/sqm		say		10000		
				PCS-fmax should be +ive				8719		
Depth of Foundation										
			Normal scour depth, dn		$0.473 [Q/f]^{1/3}$					
			Q (cumec)	4.82244						
			Q (Cusec)	170.172						
			f is silt factor, take=		2					
			[q/f]	85.086						
			[q/f] power ^{1/3}		4.39831					
			dn (ft)	2.0804						
			dn (m)	0.63427						
			Maximum scour depth, dm		$1.5 * dn$	0.9514				
									Technical Specification	
			Foundation depth, D		1.33 dm	1.26537			1.25	
Minimum length of headwall extension (m)				E=3h+0.6 or 1.5F whichever is greater						

			F is net drop from top of transverse sill to crest						
			St= height of transverse sill= h/3				0.3333	0.30	
			F (m)	0.7					
			E (m)	3.6	or	1.05	say	3.50	
Length of Basin Lb									
			Lb (m)= $F(2.28 \cdot h/F + 0.52)$		2.644		say	2.60	
Height of the sidewall at end sill is taken to be minimum 1.5h1, but more than H/2									
			J (m)	1.5h1	1.425	more than H/2	0.5	1.40	
Height of the sidewall at the weir end									
			Equal to gully depth	2				2.00	
			M (m)	$2(F + 1.33h - J)$			1.26	1.70	
			K (m)	$Lb + 1 - M$			1.44	1.50	
Length of Wing wall (WL)									
			WL = 2.25h				2.25	2.25	
Depth of Toe Wall									
			h1+0.1				1.05	1.10	

						Total	6.55				
4	Requirement of sand to nullify the impact of cracks										
	a) Below cutoff wall					10.00	0.70	0.10	0.70		
	b)Below Headwall and headwall extension					10.00	0.70	0.10	0.70		
	c) Below side wall on both sides					6.40	1.20	0.10	0.77		
	d) Below wing wall on both side					4.50	1.00	0.10	0.45		
	e) Below apron					2.60	3.00	0.10	0.78		
	f) Below Toe wall					3.00	0.90	0.10	0.27		
								Total	3.67		
5	Stone Masonary in CM 1:4										
	a) Headwall and Headwall Extension on both side-Foundation					10.00	1.10	0.75	8.25		
	b) Headwall+ Headwall Extension on both side above gully bed- super structure					10.00	0.80	1.00	8.00	Width=(0.5+1.1)/2= 0.8 m	
	c) Headwall Extension on both the side above crest					7.00	0.50	1.00	3.50		
	d) Foundation for side wall on both side					6.40	1.00	0.80	5.12		
	e) Side wall on both side -super structure (K Part)-I					3.00	0.80	1.40	3.36		
	f) Side wall on both side-above part-I mentioned in (e): (K Part)-II					3.00	0.60	0.60	1.08		
	g) Side wall on both side-Super structure (M Part)-I					3.40	0.80	1.40	3.81		
	h) Side wall on both side above Part-I mentioned in (i): (M Part)-II					3.40	0.60	0.30	0.61	Avg. ht. of triangle portion=	0.30
	i) Foundation for wing wall on both side					4.50	0.80	0.80	2.88		
	j) Wing wall on both side-Super structure- Part- I					4.50	0.70	0.60	1.89		
	k) Wing wall on both side-Above Part-I mentioned in (l): Part -II					4.50	0.60	0.40	1.08	Avg. ht. of triangle	0.40

						portion=		
	l) Toe wall: Part I	3.00	0.70	0.70	1.47			
	m) Toe wall: Part II	3.00	0.60	0.40	0.72			
	n) Transverse Sill	3.00	0.60	0.30	0.54			
	o) Apron	2.60	3.00	0.40	3.12			
				Total	45.43			
6	M S Bar (10 mm, q)				2.00			
7	Providing rough stone pitching in u/s (both side)	34.00	2.00	0.25	17.00			
8	Cement pointing to stone masonry in CM 1:3 (sqm)							
	a) Headwall both side	6.00		1.00	6.00			
	b) Side wall both side (RHS and LHS)-Part I	6.40		1.40	8.96			
	c) Side wall both side (RHS and LHS)-Part II	3.00		0.60	1.80			
	d) Side wall both side (RHS and LHS)-Part-III	3.40		0.30	1.02	Avg. ht. of triangle portion=		0.30
	e) Wing wall both side-Part I	4.50		0.60	2.70			
	f) Wing wall both side-Part I	6.00		0.40	2.40	Avg. ht. of triangle portion=		0.40
				Total	22.88			
9	Filling of black clay soil in the up stream (free from any kind of gravel)				3.00	trolly		

MATERIAL ABSTRACT								
		Required Quantiy						
		Quantiy,cum	Cement,bags	Sand,cum	Conc ,cum	Khnda (cum)	Boulder(cum)	MS Bar (q)
1	Cement Concrete mix for cut-off wall (1:2:4): 12 mm conc.	3.04	19.46	1.37	2.74			
2	Cement Concrete mix for cut-off wall (1:4:8); 20 mm conc.	6.55	22.28	3.08	6.16			
3	Stone Maspnary in CM 1:4	45.43	113.58	15.45		45.43		
4	MS Bar for reinforcing							1.50
5	Boulder for pitching	17.00					17.00	
6	Cement pointing to stone masonry in CM 1:3 (sqm)	22.88	1.42	0.14				
7	Black clay soil (gravel free)	3.00						
8	Requirement of sand to nullify the impact of cracks in black soil			3.67				
Total			156.73	23.71	8.89	45.43	17.00	1.50

COST ABSTRACT						
	Sl. No.	Item	Quantity	Unit	Rate (Rs./Unit)	Amount (Rs.)
A	1	Cement	157	Bag	235.00	36830.69
	2	Sand	23.71	m ³	750.00	17779.34
	3	Concrete-12 mm	2.74	m ³	1300.00	3556.80
	4	Concrete-20 mm	6.16	m ³	1150.00	7082.71
	5	Khnda	45	m ³	1200.00	54516.00
	6	M S Bar (10 mm Saria)	2.00	q	4000.00	8000.00
	7	Boulder	17.00	m ³	700.00	11900.00
	8	Filling of black clay soil in the up stream (free from any kind of gravel)	3.00		1500.00	4500.00
					Total	144165.54
B	9	Water supply through tanker @ 3 % of material cost				4324.97
C	9	Labour Chrges @ 25%				36041.39
					Total (A+B+C)	184531.90
	10	Misc. @ 3%				5535.96
					G. Total	190067.85
Say Rs. 190000/- (Rs. One lakh ninety thousand only)						

Note: The cost of materials is inclusive of all taxes and transportation to site. It may vary with respect to time

Design of Drop Structure/Drop Spillway of 4 m crest					
HYDROLOGIC DESIGN					
Area (h)	40				
slope	0.008				
K	7.47				
a	0.17				
b	0.75				
n	0.96				
Time of Concentration					
		Le.77	Se-0.385		
L (m)	500	119.73			
S	0.008		6.41668		
		hour	Tc + b	(tc+b) power n	
Tc	14.96	0.2493	0.999306	0.99933	
Intensity					
		Tr power a			
Tr	15	1.5847			
I		11.845			
Dischrge					
			Taken		
	c	0.5	Coeff		
	I	118.45	mm/hr		
	A	40	h		
	Q	6.5807		Cumec	

HYDRAULIC DESIGN						
	Length of crest weir (m)			4		
	Weir height (m)			h		
	Q = 1.71*L*h power (3/2)					
	h power 3/2			0.96209		
	h			0.97459	0.95	h1
	h + free board			1.07205	1	
	Depth of gulley			2		
	Height of water drop (H)			1	Say	1

STABILITY ANALYSIS									
Let			Top width (m)	t	0.5				
			Bottom width (m)	T	1.1				
Weight of dam per unit length (kg)				W	1760		W square	3097600	
Horizontzl water pressure (Kg)				P	500		P square	250000	
Uplift pressure (kg)				U	(T*w*H)/2	550			
Net downword force (kg)				Wn	W-U	1210	Wn Square	1464100	
Resultant (kg)				R				1309	
				H	1				
				Xbar		0.4188			
				Z		0.1614			
Point of Resultant (xbar+Z)						0.5802			
				EA		0.6813			
				P*H/3		166.67			
				W*EA		1199			
				b/6		0.1833			
				b/2		0.55			
		e = xbar+Z-b/2		e (OF)		0.0302			
		fmax = Wn/b(1+6*e/b)		fmax		1281			
A Safety against sliding									

			Foundation depth, D		1.33 dm	1.40352		1.40	
Minimum length of headwall extension (m)			E=3h+0.6 or 1.5F whichever is greater						
			F is net drop from top of transverse sill to crest						
			St= height of transverse sill= h/3					0.3333	0.30
			F (m)	0.7					
			E (m)	3.6	or	1.05	say	3.50	
Length of Basin Lb									
			Lb (m)= $F(2.28 \cdot h/F + 0.52)$		2.644		say	2.60	
Height of the sidewall at end sill is taken to be minimum 1.5h1, but more than H/2									
			J (m)	1.5h1	1.425	more than H/2	0.5	1.40	
Height of the sidewall at the weir end									
			Equal to gully depth	2				2.00	
			M (m)	2(F+1.33h-J)			1.26	1.70	
			K (m)	Lb+.1-M			1.44	1.50	

Length of Wing wall (WL)									
				WL = 2.25h			2.25	2.25	
Depth of Toe Wall									
				h1+0.1			1.05	1.10	

WORK ABSTRACT										
Sl. No.	Item	Specification (m)			Quantity (cum)					
		Length	Breadth	Depth						
1	Clearing of site (Removal of trees, shrubs and bushes)	10.00	10.00							
2	Earth work									
	a) in hrd soil Headwall Foundation	4.00	1.90	1.00	7.60	Effective depth will be 0.70 m				
	b) in hrd soil RHS of Headwall extension	3.50	1.90	2.00	13.30	Effective depth will be 0.75 m				
	c) in hrd soil LHS of Headwall extension	3.50	1.90	2.00	13.30	Effective depth will be 0.75 m				
	d) in hrd soil cutoff wall	11.00	1.20	0.75	9.90					
	e) in hrd soil side wall on both side	6.40	1.60	3.00	30.72	Effective depth will be 1 m				
	f) in hrd soil Toe wall	4.00	1.40	1.20	6.72	Effective depth will be 1.10 m				
	g) in hrd soil Wing wall on both side	4.50	1.40	3.00	18.90	Effective depth will be 1 m				
	h) Apron	2.60	4.00	0.40	4.16					
					Total	104.60				

3	Cement concrete									
	Cement Concrete (1:2:4)									
	a) cutoff wall				11.00	0.50	0.70	3.85		
	b) Head wall coping				4.00	0.50	0.05	0.10		
	c) Apron				2.60	4.00	0.05	0.52		
	d) Transverse sill coping				4.00	0.50	0.05	0.10		
							Total	4.57		
	Cement Concrete (1:4:8)									
	e) Cutoff wall				11.00	0.70	0.15	1.16		
	f) Toe wall				4.00	0.90	0.15	0.54		
	g) Apron				2.60	4.00	0.15	1.56		
	h) Side wall on both side				6.40	1.20	0.15	1.15		
	i) Wing wall on both side				4.50	1.00	0.15	0.68		
	j)Headwall and Headwall Extension				10.00	1.30	0.15	1.95		
							Total	7.03		
4	Requirement of sand to nullify the impact of cracks									
	a) Below cutoff wall				11.00	0.70	0.10	0.77		
	b)Below Headwall and headwall extension				11.00	0.70	0.10	0.77		
	c) Below side wall on both sides				6.40	1.20	0.10	0.77		
	d) Below wing wall on both side				4.50	1.00	0.10	0.45		
	e) Below apron				2.60	4.00	0.10	1.04		
	f) Below Toe wall				4.00	0.90	0.10	0.36		
							Total	4.16		
5	Stone Masonry in CM 1:4									
	a) Headwall and Headwall Extension on both side-Foundation				11.00	1.10	0.70	8.47		

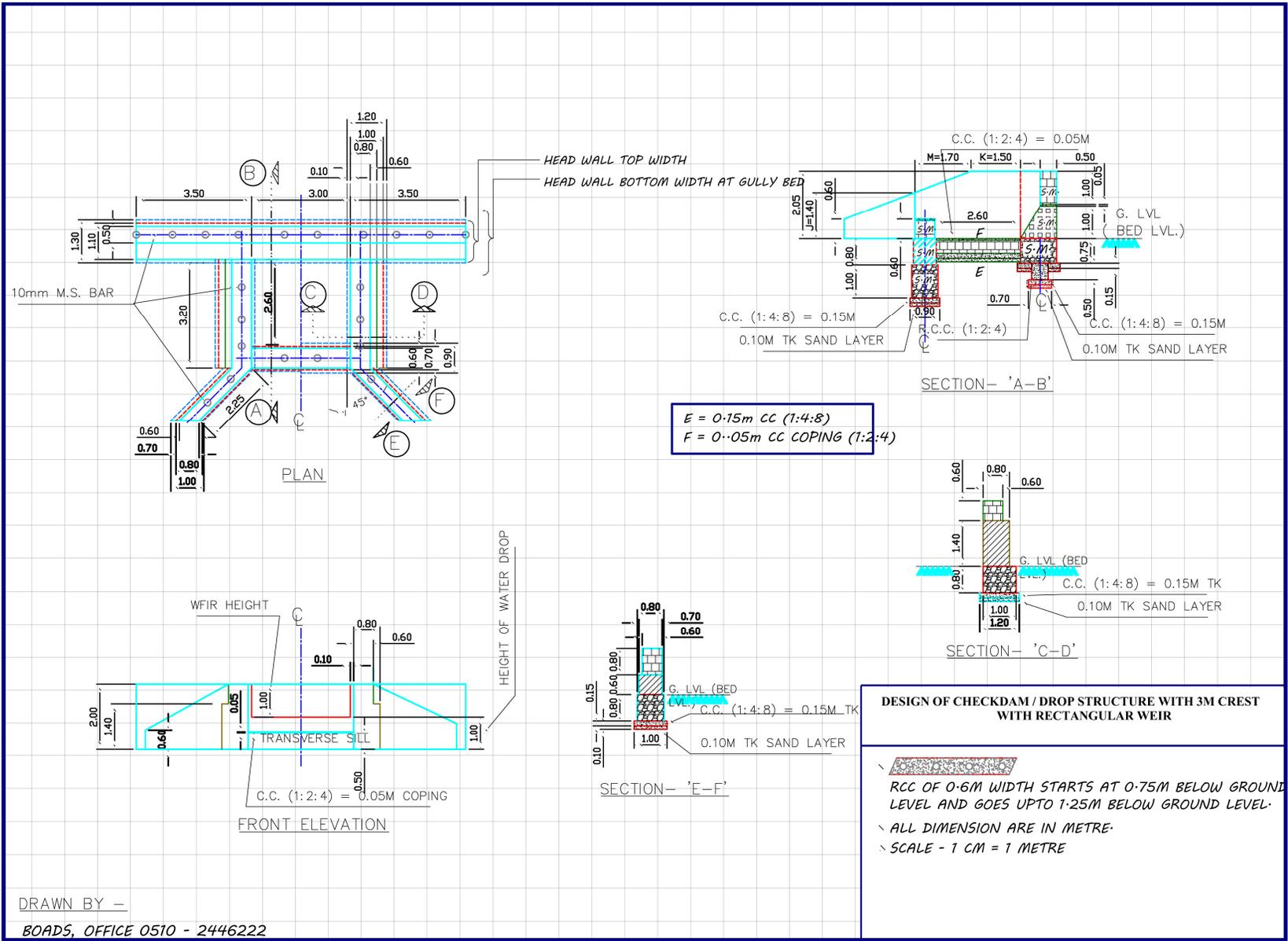
	b) Headwall+ Headwall Extension on both side above gully bed-super structure	11.00	0.80	1.00	8.80	Width=(0.5+1.1)/2=0.8 m	
	c) Headwall Extension on both the side above crest	7.00	0.50	1.00	3.50		
	d) Foundation for side wall on both side	6.40	1.00	1.00	6.40		
	e) Side wall on both side -super structure (K Part)-I	3.00	0.80	1.40	3.36		
	f) Side wall on both side-above part-I mentioned in (e): (K Part)-II	3.00	0.60	0.60	1.08		
	g) Side wall on both side-Super structure (M Part)-I	3.40	0.80	1.40	3.81		
	h) Side wall on both side above Part-I mentioned in (i): (M Part)-II	3.40	0.60	0.30	0.61	Avg. ht. of triangle portion=	0.30
	i) Foundation for wing wall on both side	4.50	0.80	1.00	3.60		
	j) Wing wall on both side-Super structure- Part-I	4.50	0.70	0.60	1.89		
	k) Wing wall on both side-Above Part-I mentioned in (l): Part -II	4.50	0.60	0.40	1.08	Avg. ht. of triangle portion=	0.40
	l) Toe wall: Part I	4.00	0.70	0.70	1.96		
	m) Toe wall: Part II	4.00	0.60	0.40	0.96		
	n) Transverse Sill	4.00	0.60	0.30	0.72		
	o) Apron	2.60	4.00	0.40	4.16		
					Total	50.40	
6	M S Bar (10 mm, q)				2.00		
7	Providing rough stone pitching in u/s (both side)	34.00	2.00	0.25	17.00		

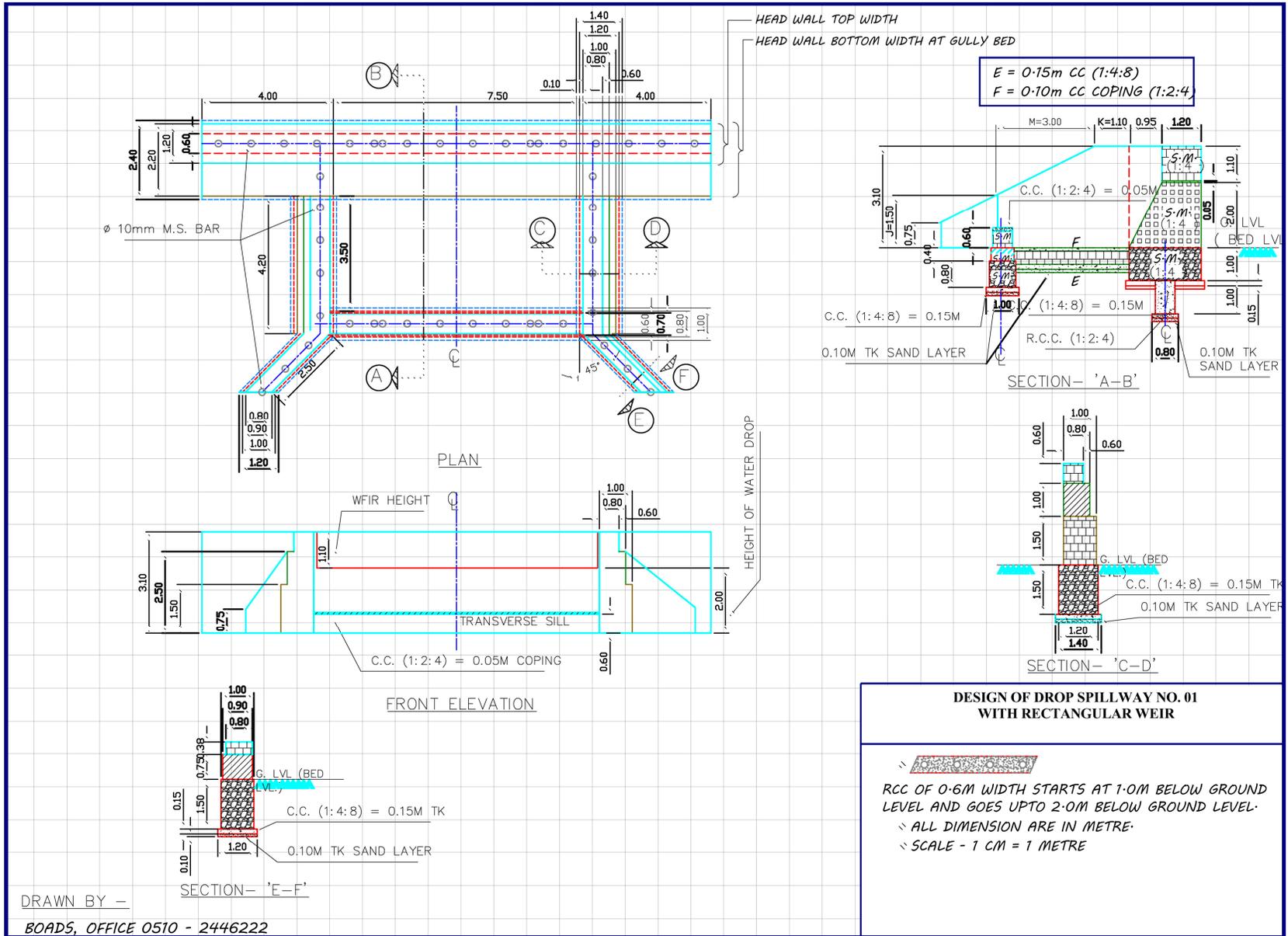
8	Cement pointing to stone masonry in CM 1:3 (sqm)							
	a) Headwall both side	8.00		1.00	8.00			
	b) Side wall both side (RHS and LHS)-Part I	6.40		1.40	8.96			
	c) Side wall both side (RHS and LHS)-Part II	3.00		0.60	1.80			
	d) Side wall both side (RHS and LHS)-Part-III	3.40		0.30	1.02	Avg. ht. of triangle portion=		0.30
	e) Wing wall both side-Part I	4.50		0.60	2.70	Avg. ht. of triangle portion=		0.40
	f) Wing wall both side-Part I	6.00		0.40	2.40	Avg. ht. of triangle portion=		0.40
				Total	24.88			
9	Filling of black clay soil in the up stream (free from any kind of gravel)				3.00	trolley		

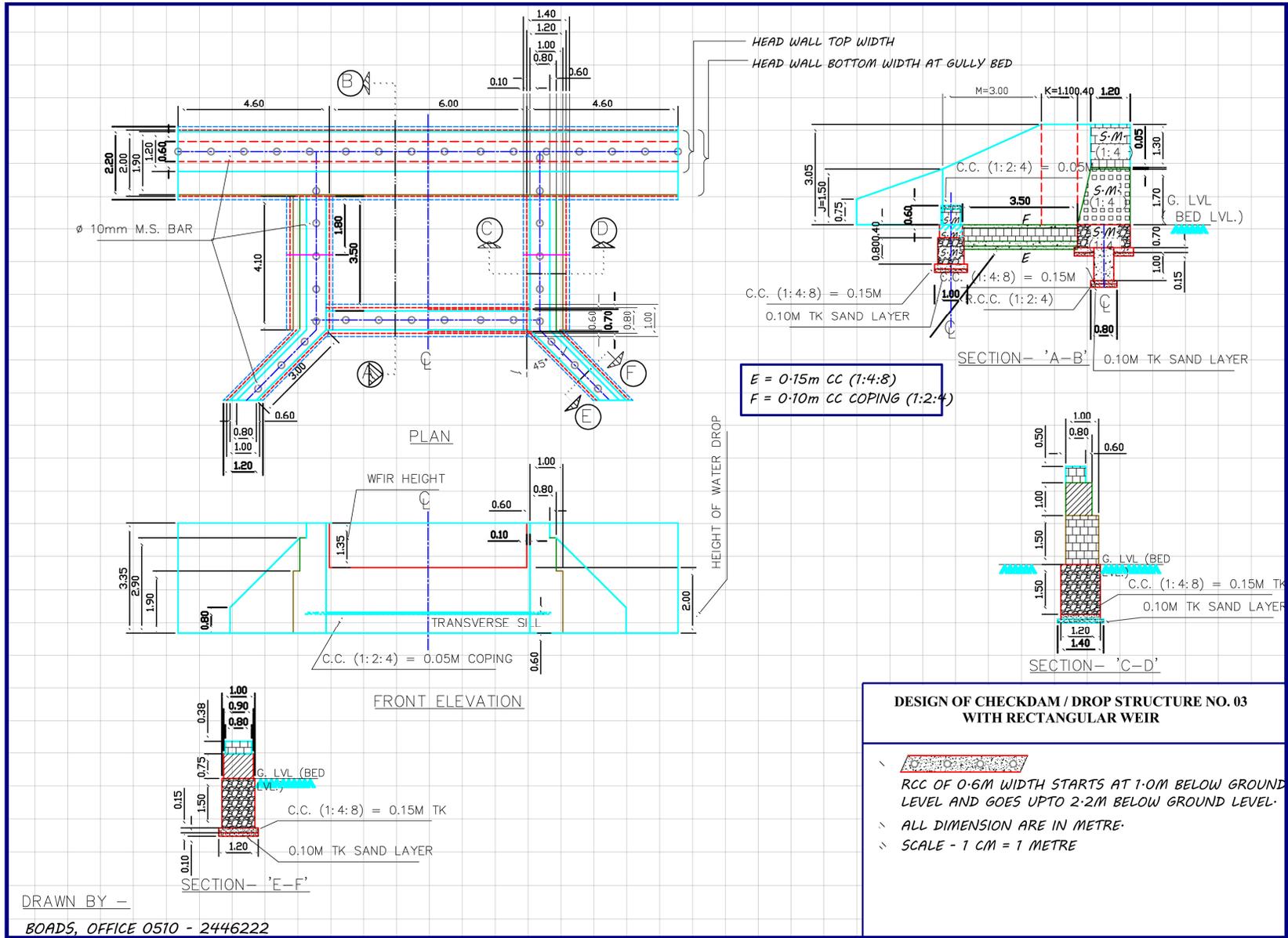
MATERIAL ABSTRACT										
				Required Quantiy						
				Quantiy,cum	Cement,bags	Sand,cum	Conc ,cum	Khnda (cum)	Boulder(cum)	MS Bar (q)
1	Cement Concrete mix for cut-off wall (1:2:4): 12 mm conc.			4.57	29.25	2.06	4.11			
2	Cement Concrete mix for cut-off wall (1:4:8); 20 mm conc.			7.03	23.91	3.31	6.61			
3	Stone Maspnary in CM 1:4			50.40	126.00	17.14		50.40		
4	MS Bar for reinforcing									1.50
5	Boulder for pitching			17.00					17.00	
6	Cement pointing to stone masonry in CM 1:3 (sqm)			24.88	1.54	0.16				
7	Black clay soil (gravel free)			3.00						
8	Requirement of sand to nullify the impact of cracks in black soil					4.16				
Total					180.70	26.81	10.72	50.40	17.00	1.50

COST ABSTRACT						
	Sl. No.	Item	Quantity	Unit	Rate (Rs./Unit)	Amount (Rs.)
A	1	Cement	181	Bag	235.00	42464.35
	2	Sand	26.81	m ³	750.00	20109.21
	3	Concrete-12 mm	4.11	m ³	1300.00	5346.90
	4	Concrete-20 mm	6.61	m ³	1150.00	7601.59
	5	Khnda	50	m ³	1200.00	60480.00
	6	M S Bar (10 mm Saria)	2.00	q	4000.00	8000.00
	7	Boulder	17.00	m ³	700.00	11900.00
	8	Filling of black clay soil in the up stream (free from any kind of gravel)	3.00		1500.00	4500.00
					Total	160402.05
B	9	Water supply through tanker @ 3 % of material cost				4812.06
C	9	Labour Chrges @ 25%				40100.51
					Total (A+B+C)	205314.63
	10	Misc. @ 3%				6159.44
					G. Total	211474.07
Say Rs. 211000/- (Rs. Two lakh eleven thousand only)						

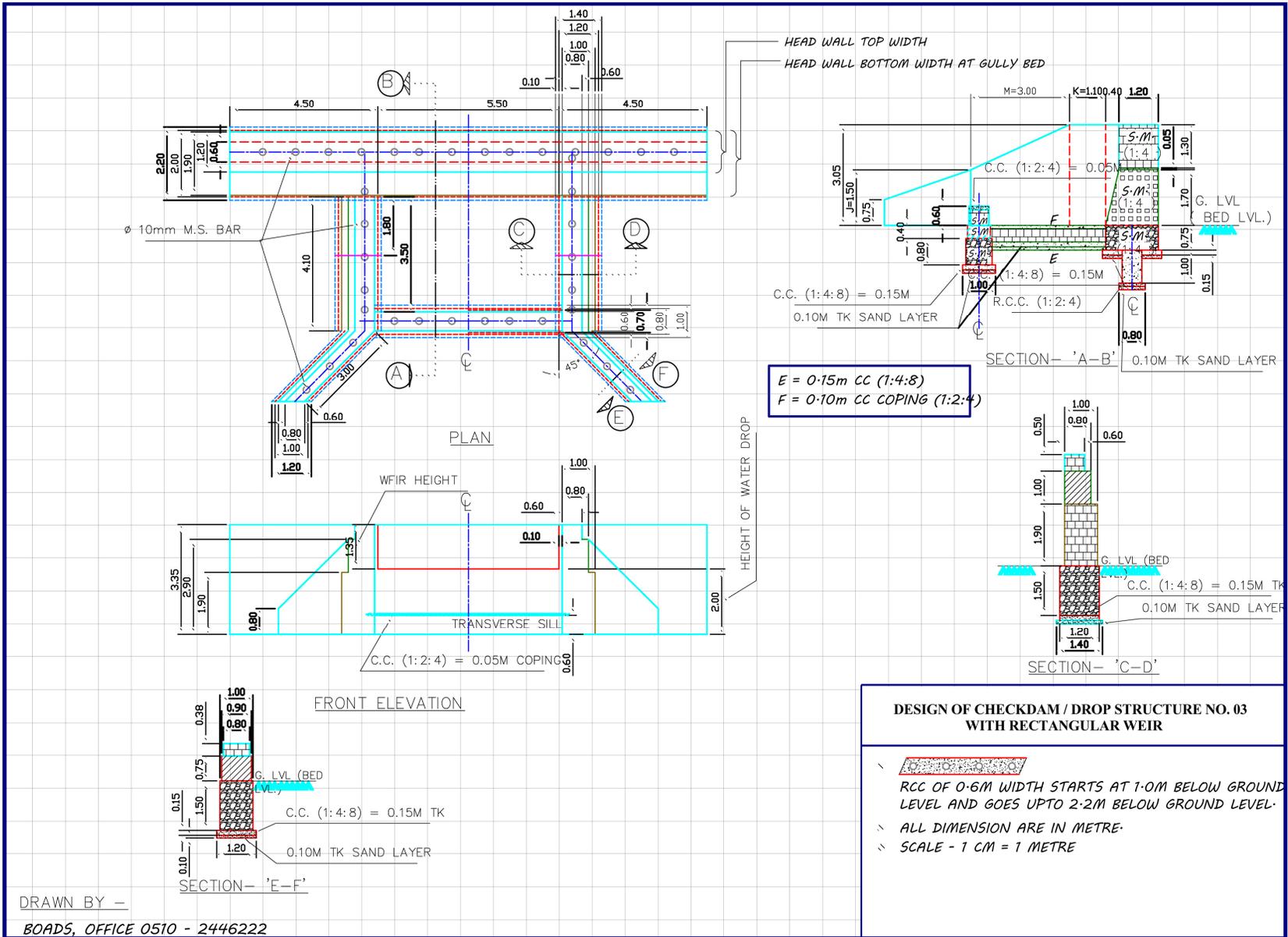
Note: The cost of materials is inclusive of all taxes and transportation to site. It may vary with respect to time

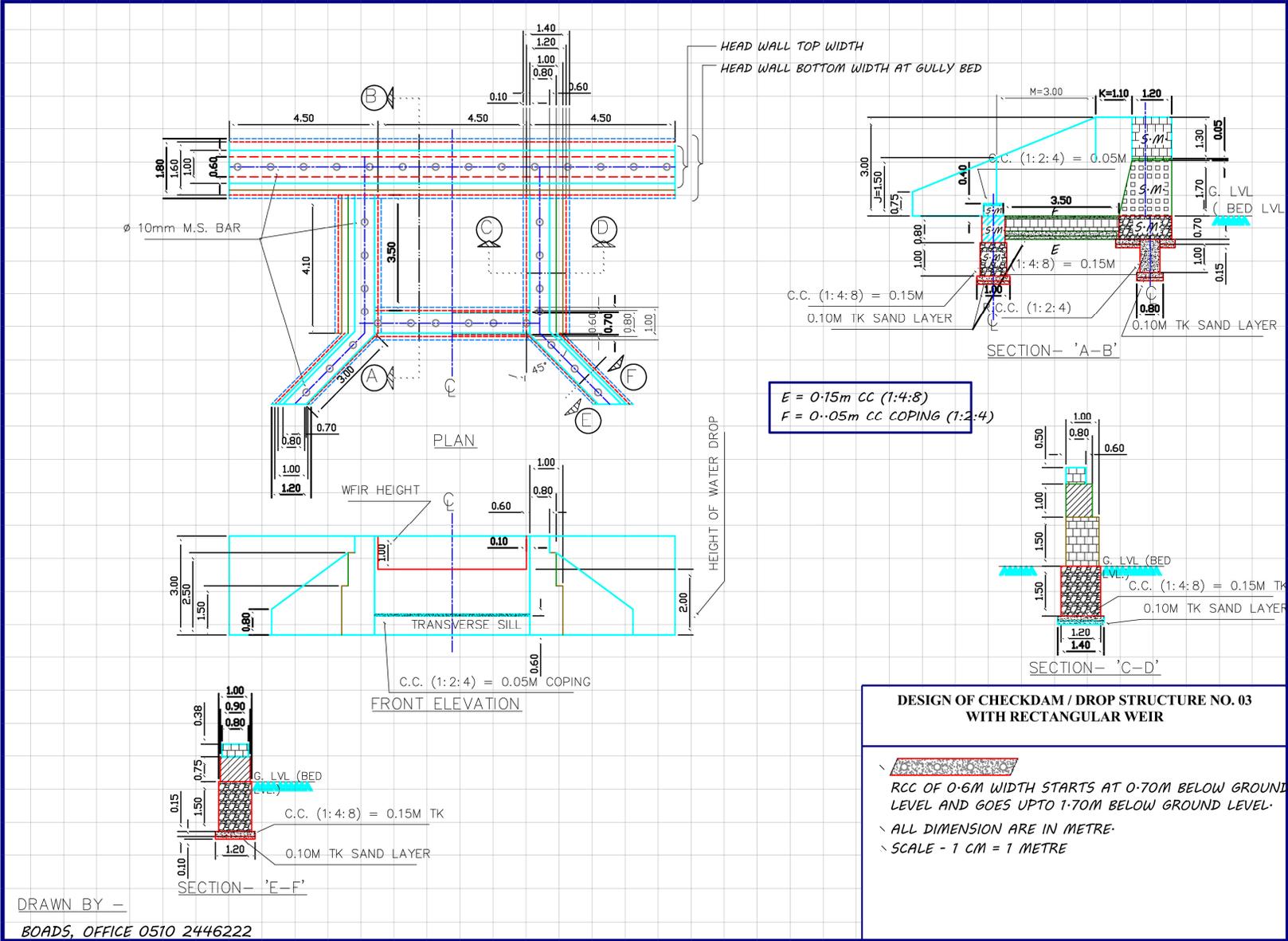


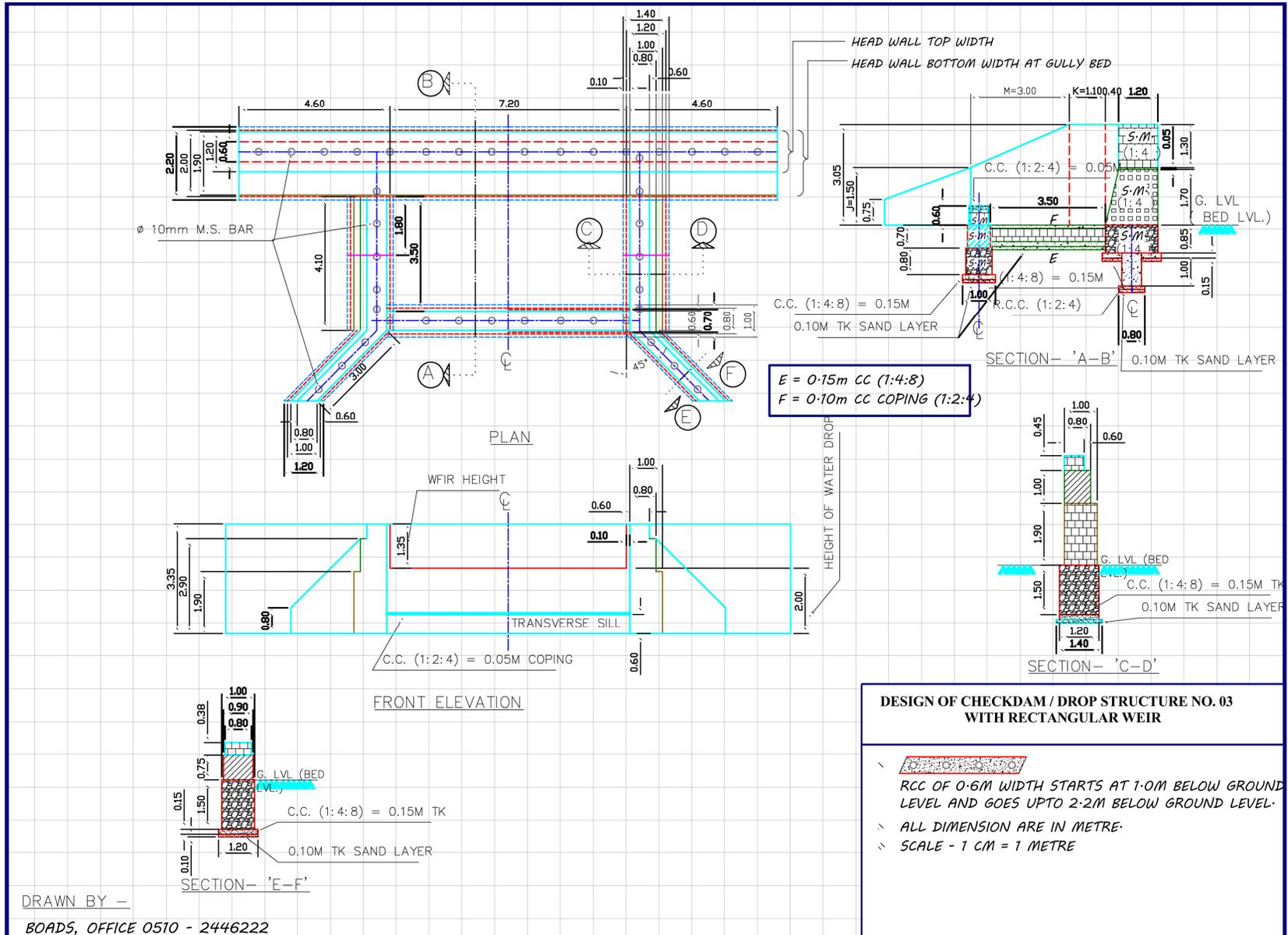


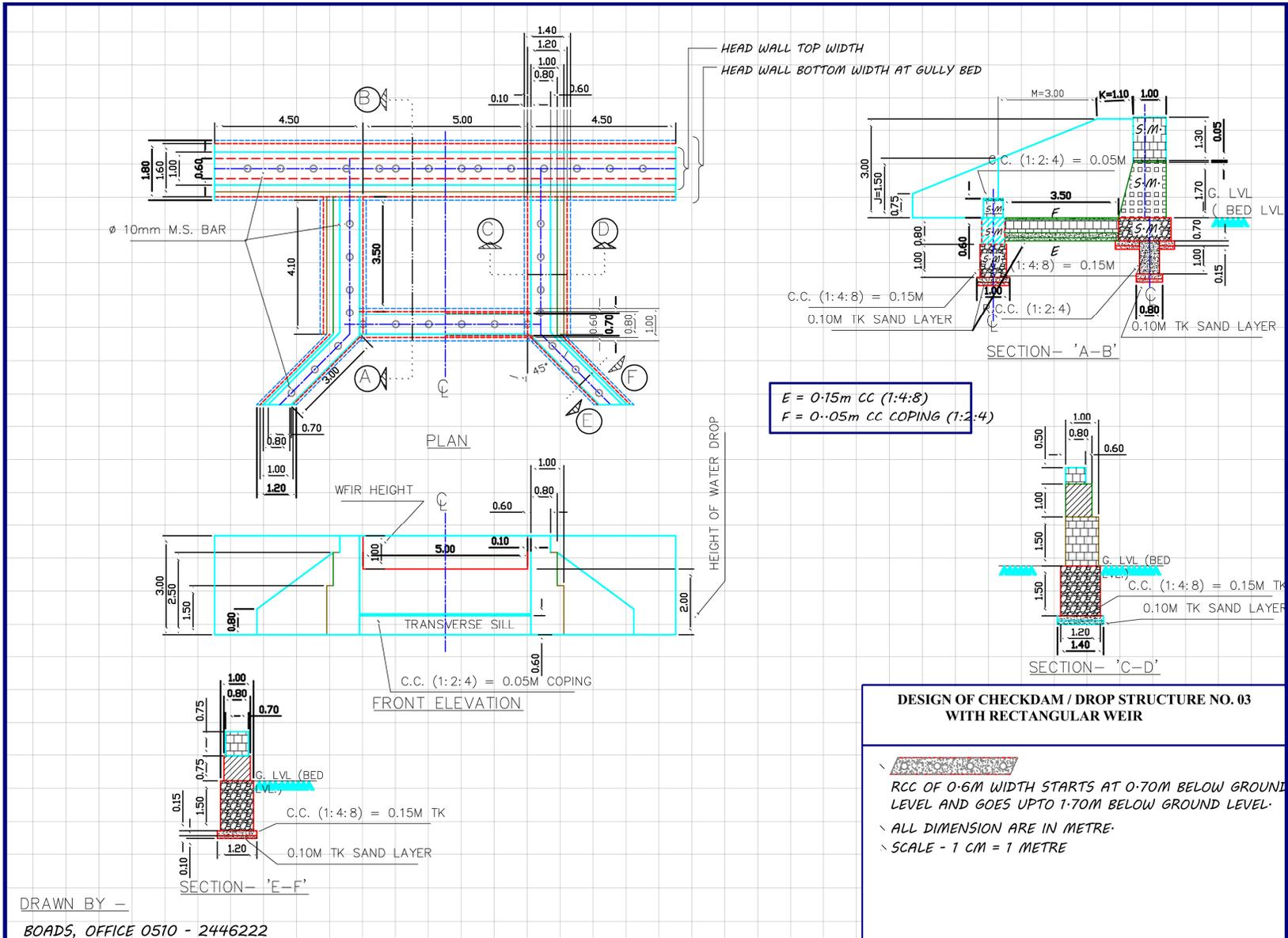


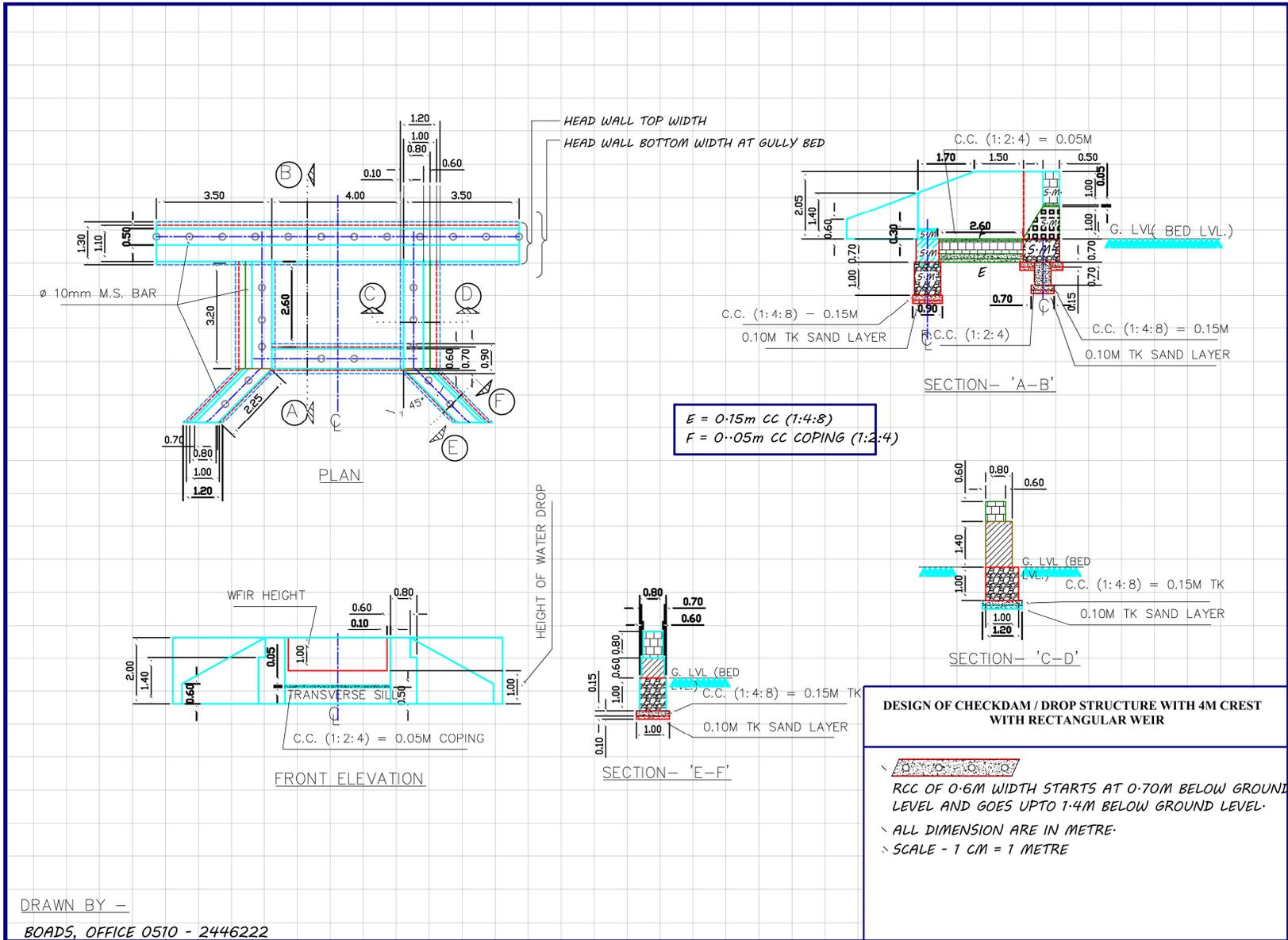
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 BOADS, OFFICE 0510 - 2446222











MAPS

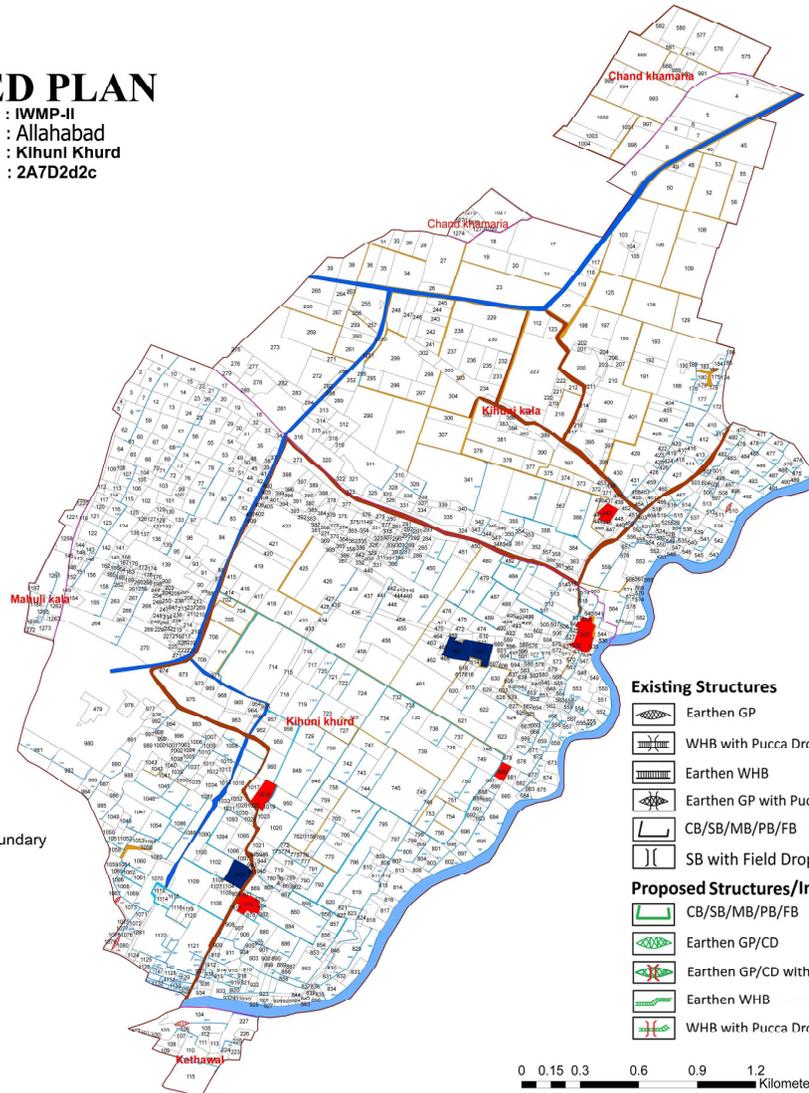
PROPOSED PLAN

Project Name : IWMP-II
 District Name : Allahabad
 Microwatershed Name : Kihuni Khurd
 Microwatershed Code : 2A7D2d2c



Legend

- Village Boundary
- Microwatershed Boundary
- Field
- Pucca Road
- kachha Road
- Drain/River
- Canal
- Nali
- Habitation
- Water Pound



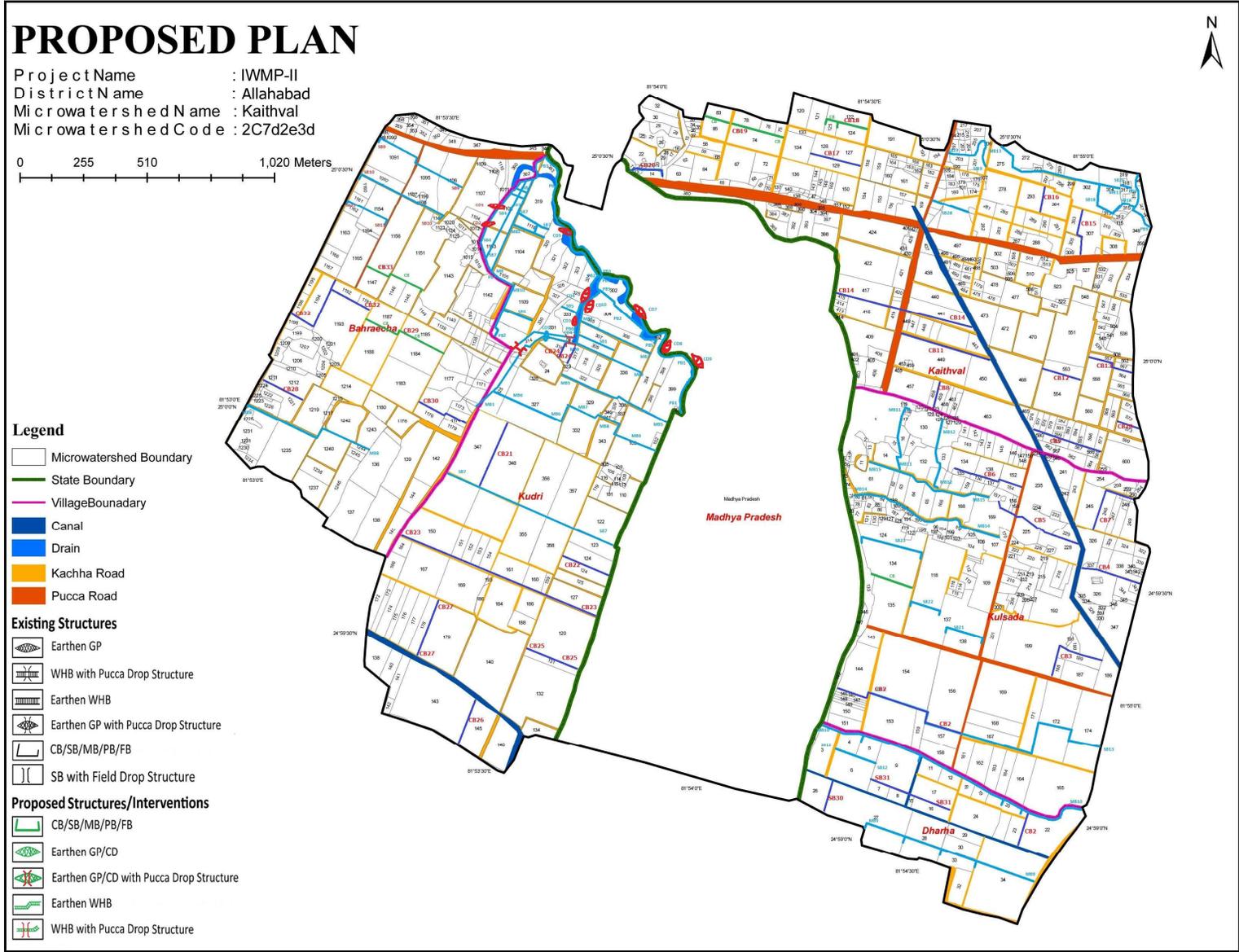
Existing Structures

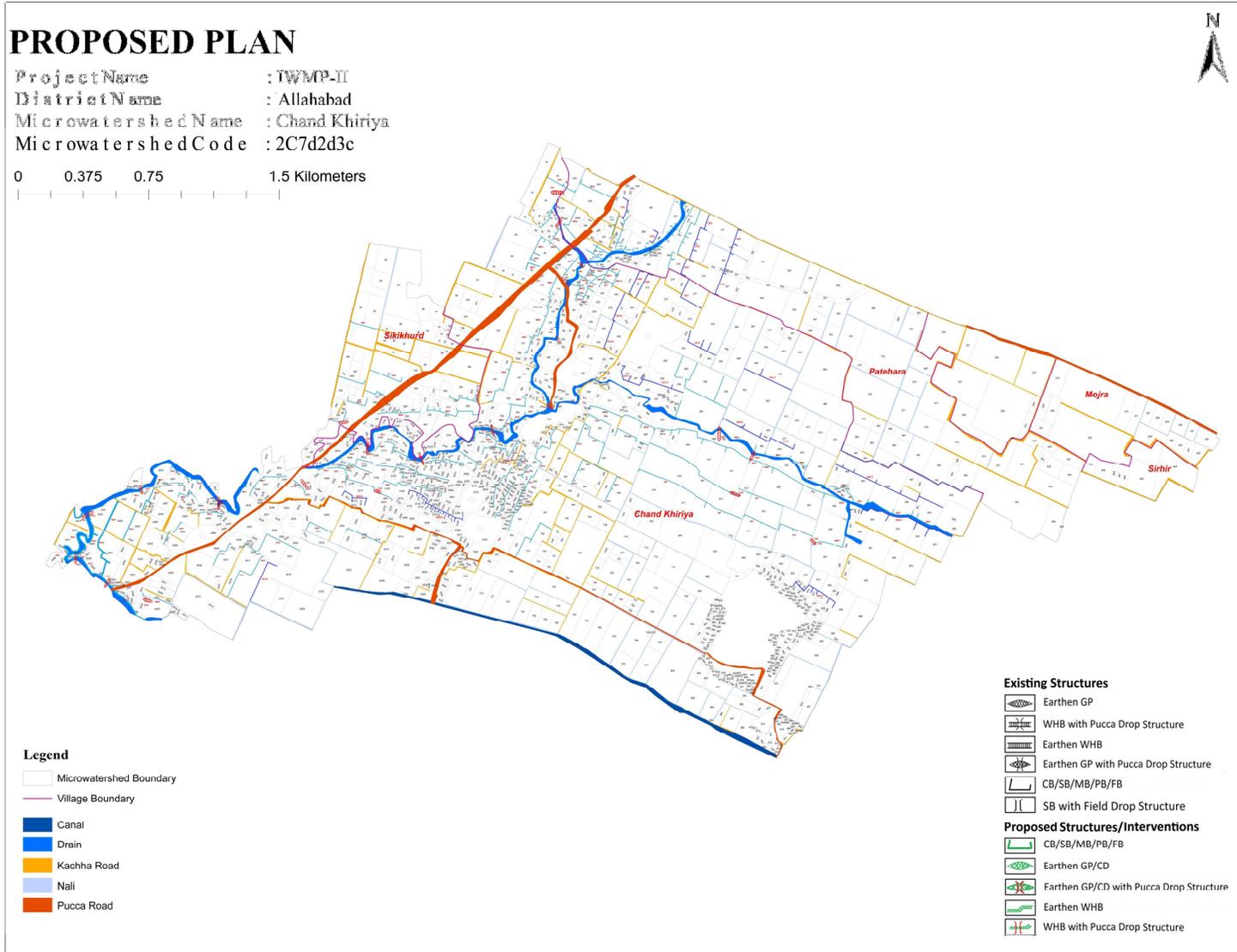
- Earthen GP
- WHB with Pucca Drop Structure
- Earthen WHB
- Earthen GP with Pucca Drop Structure
- CB/SB/MB/PB/FB
- SB with Field Drop Structure

Proposed Structures/Interventions

- CB/SB/MB/PB/FB
- Earthen GP/CD
- Earthen GP/CD with Pucca Drop Structure
- Earthen WHB
- WHB with Pucca Drop Structure

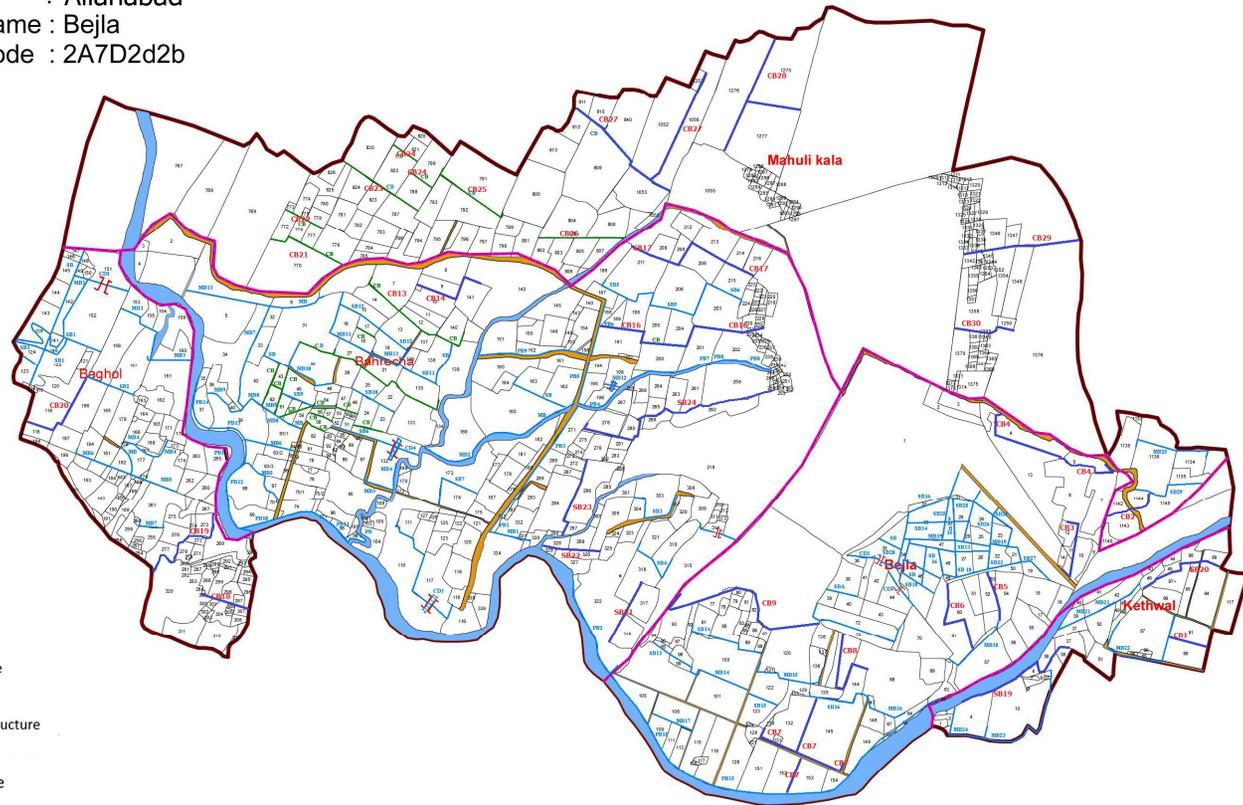






PROPOSED PLAN

Project Name : IWMP-II
 District Name : Allahabad
 Microwatershed Name : Bejla
 Microwatershed Code : 2A7D2d2b



Legend

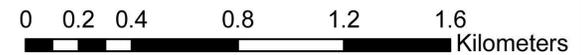
- Village Boundary
- Field
- Drain/River
- Kachha Road
- Microwatershed Boundary

Existing Structures

- Earthen GP
- WHB with Pucca Drop Structure
- Earthen WHB
- Earthen GP with Pucca Drop Structure
- CB/SB/MB/PB/FB
- SB with Field Drop Structure

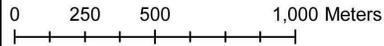
Proposed Structures/Interventions

- CB/SB/MB/PB/FB
- Earthen GP/CD
- Earthen GP/CD with Pucca Drop Structure
- Earthen WHB
- WHB with Pucca Drop Structure



PROPOSED PLAN

Project Name : IWMP-II
 District Name : Allahabad
 Microwatershed Name : Pawari
 Microwatershed Code : 2C7d2d2d



Legend

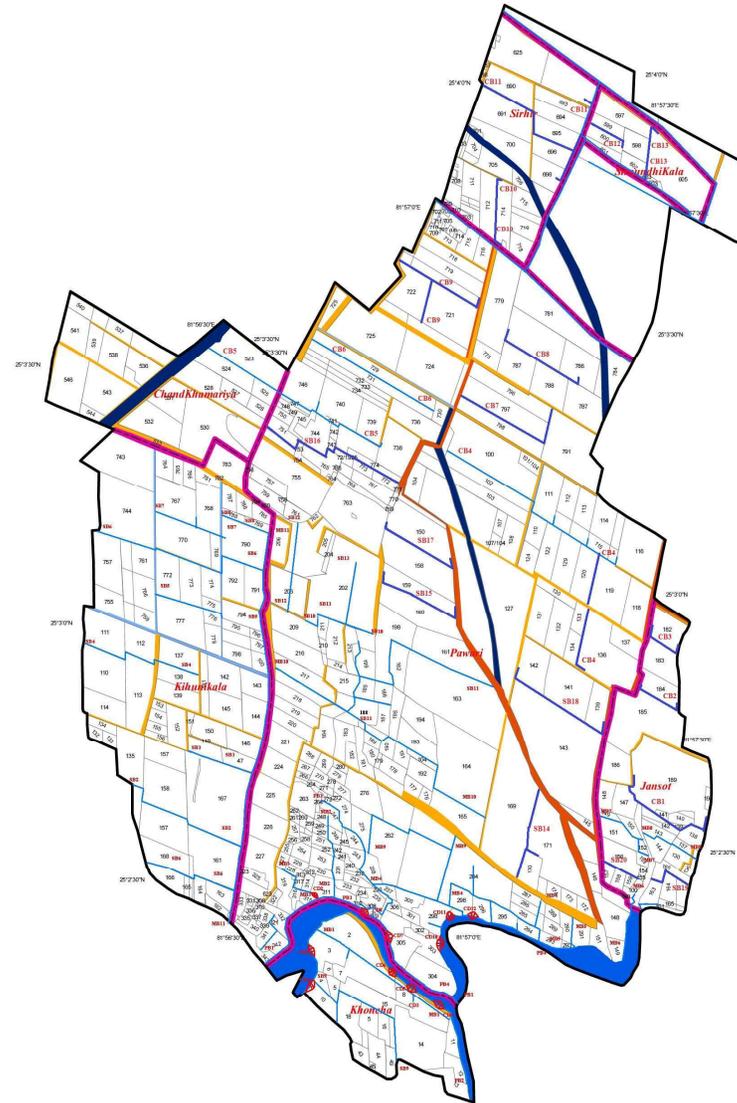
- Microwatershed Boundary
- Village Boundary
- Canal
- Kachha Road
- Nali
- Pucca Road
- River/Drain

Existing Structures

- Earthen GP
- WHB with Pucca Drop Structure
- Earthen WHB
- Earthen GP with Pucca Drop Structure
- CB/SB/MB/PB/FR
- SB with Field Drop Structure

Proposed Structures/Interventions

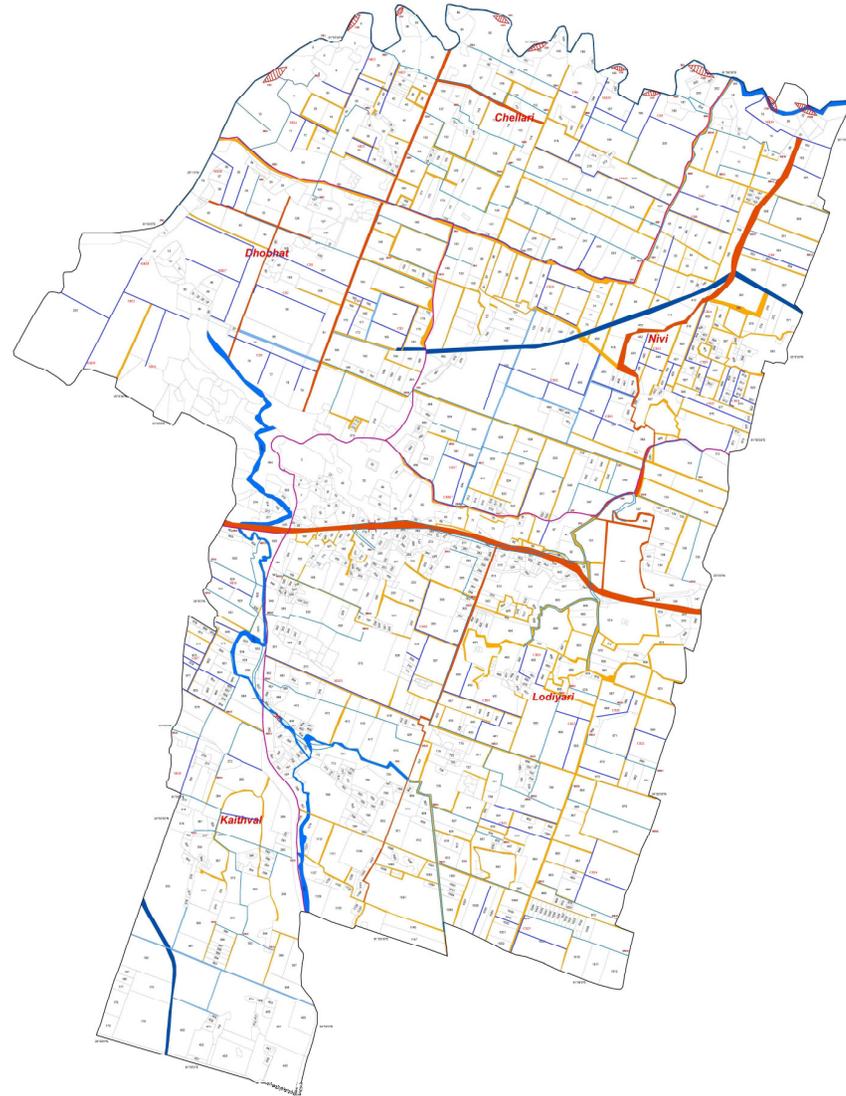
- CB/SB/MB/PB/FR
- Earthen GP/CD
- Earthen GP/CD with Pucca Drop Structure
- Earthen WHB
- WHB with Pucca Drop Structure



PROPOSED PLAN

Project Name : IWMP-II
 District Name : Allahabad
 Microwatershed Name : Nivi
 Microwatershed Code : 2C7d2fla

0 0.35 0.7 1.4 Kilometers



Legend

- Microwatershed Boundary
- Village Bounadry
- Canal
- Drain
- Habitation
- Kachha Road
- Nivi
- Pucca Road

Existing Structures

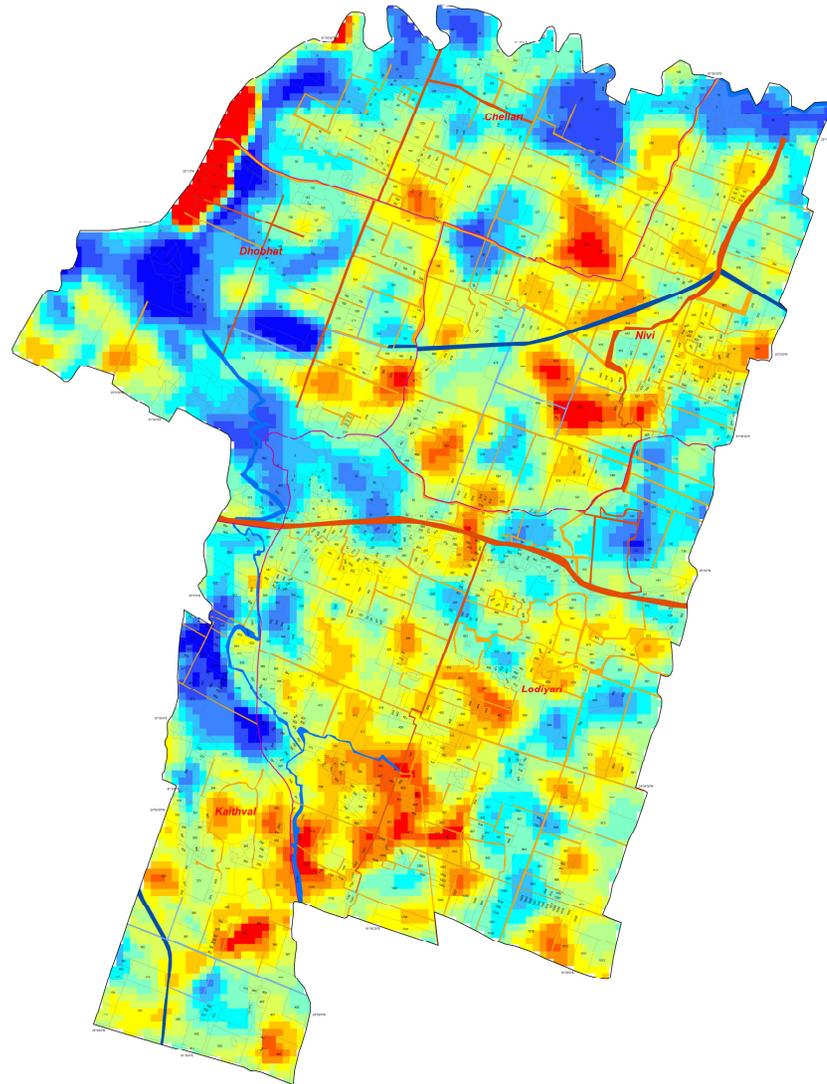
- Earthen GP
- WHB with Pucca Drop Structure
- Earthen WHB
- Earthen GP with Pucca Drop Structure
- CB/SB/MB/PB/FB
- SB with Field Drop Structure

Proposed Structures/Interventions

- CB/SB/MB/PB/FB
- Earthen GP/CD
- Earthen GP/CD with Pucca Drop Structure
- Earthen WHB
- WHB with Pucca Drop Structure

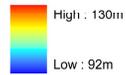
DIGITAL ELEVATION MODEL

Project Name : IWMP-II
District Name : Allahabad
Microwatershed Name : Nivi
Microwatershed Code : 2C7d2f1a



Legend

-  Microwatershed Boundary
-  Village Bounadry
-  Canal
-  Drain
-  Habitation
-  Kachha Road
-  Nivi
-  Pucca Road



DIGITAL ELEVATION MODEL

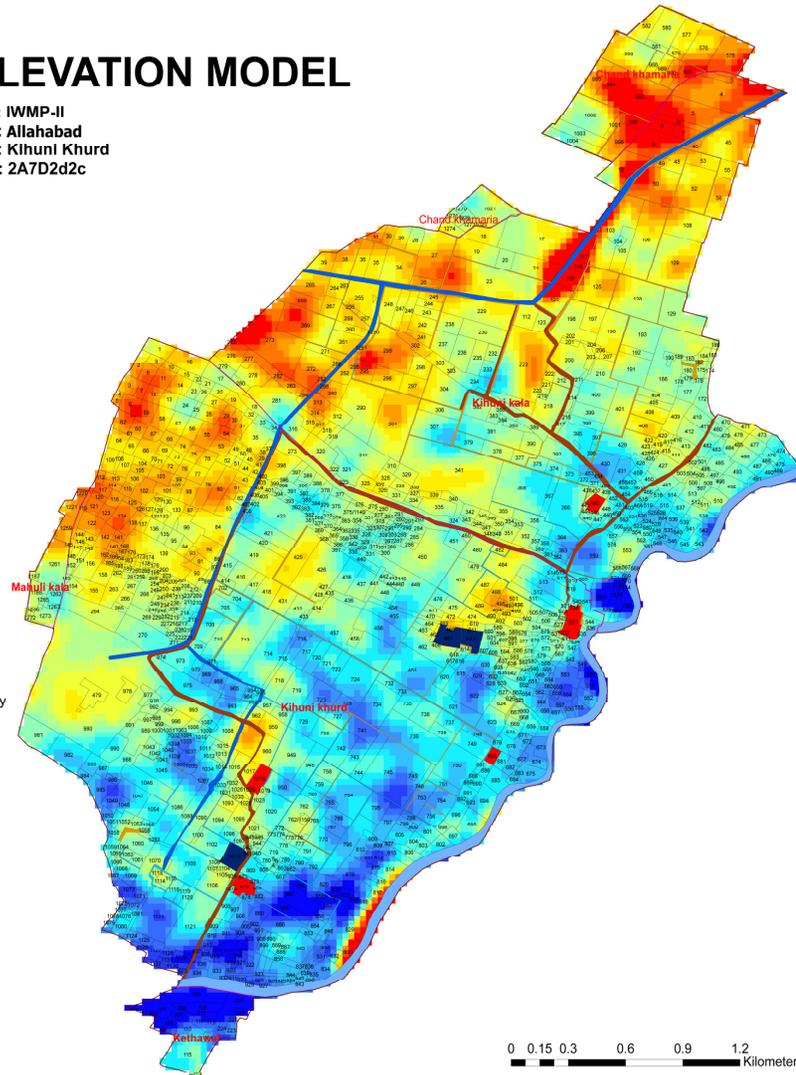
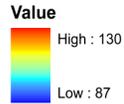
Project Name : IWMP-II
District Name : Allahabad
Microwatershed Name : Kihuni Khurd
Microwatershed Code : 2A7D2d2c

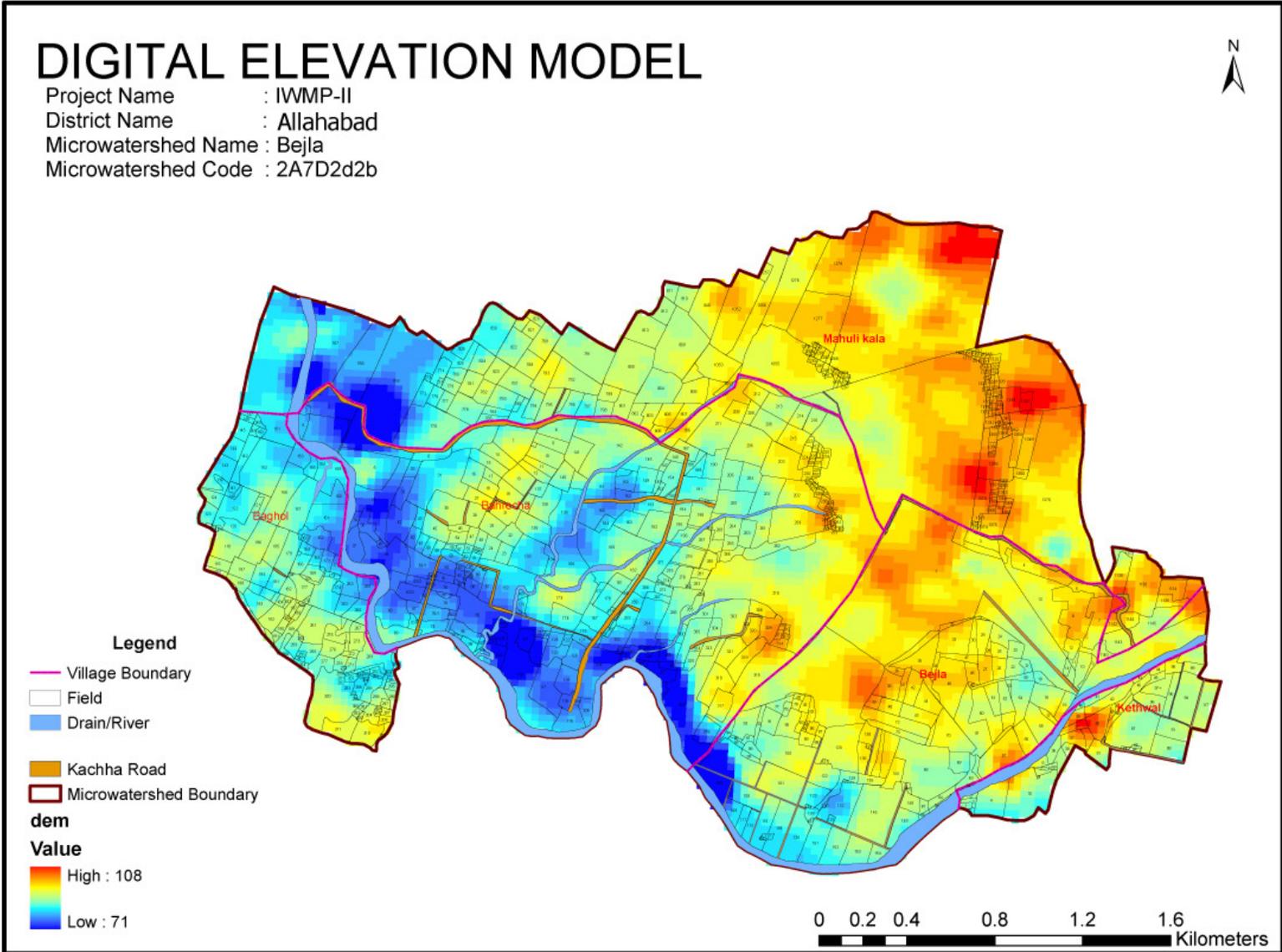


Legend

-  Village Boundary
-  Microwatershed Boundary
-  Field
-  Pucca Road
-  kachha Road
-  Drain/River
-  Canal
-  Nali
-  Habitation
-  Water Pound

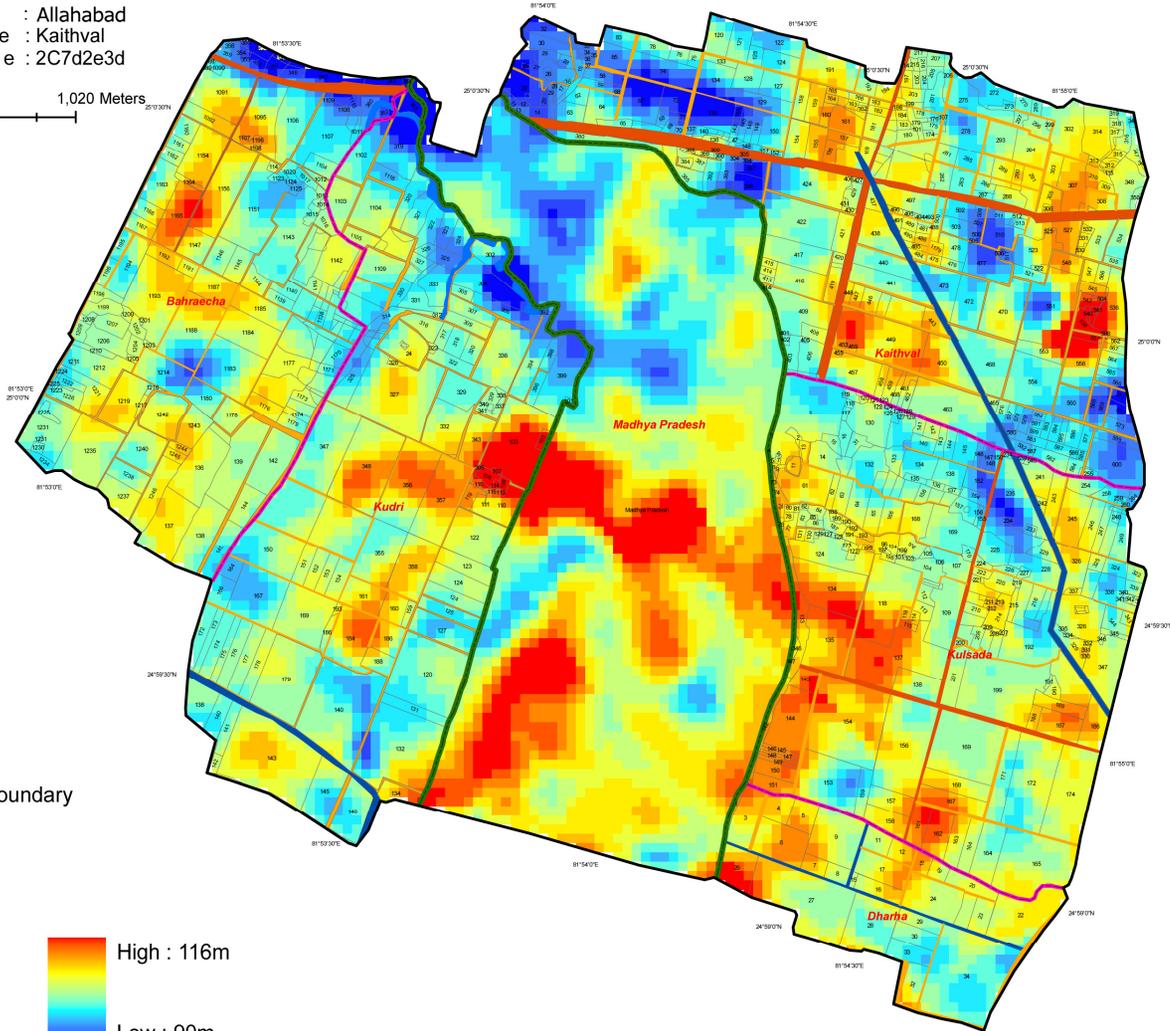
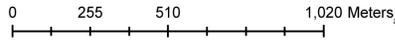
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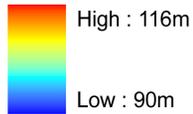
DIGITAL ELEVATION MODEL

Project Name : IWMP-II
District Name : Allahabad
Microwatershed Name : Kaithval
Microwatershed Code : 2C7d2e3d



Legend

-  Microwatershed Boundary
-  State Boundary
-  Village Boundary
-  Canal
-  Drain
-  Kachha Road
-  Pucca Road



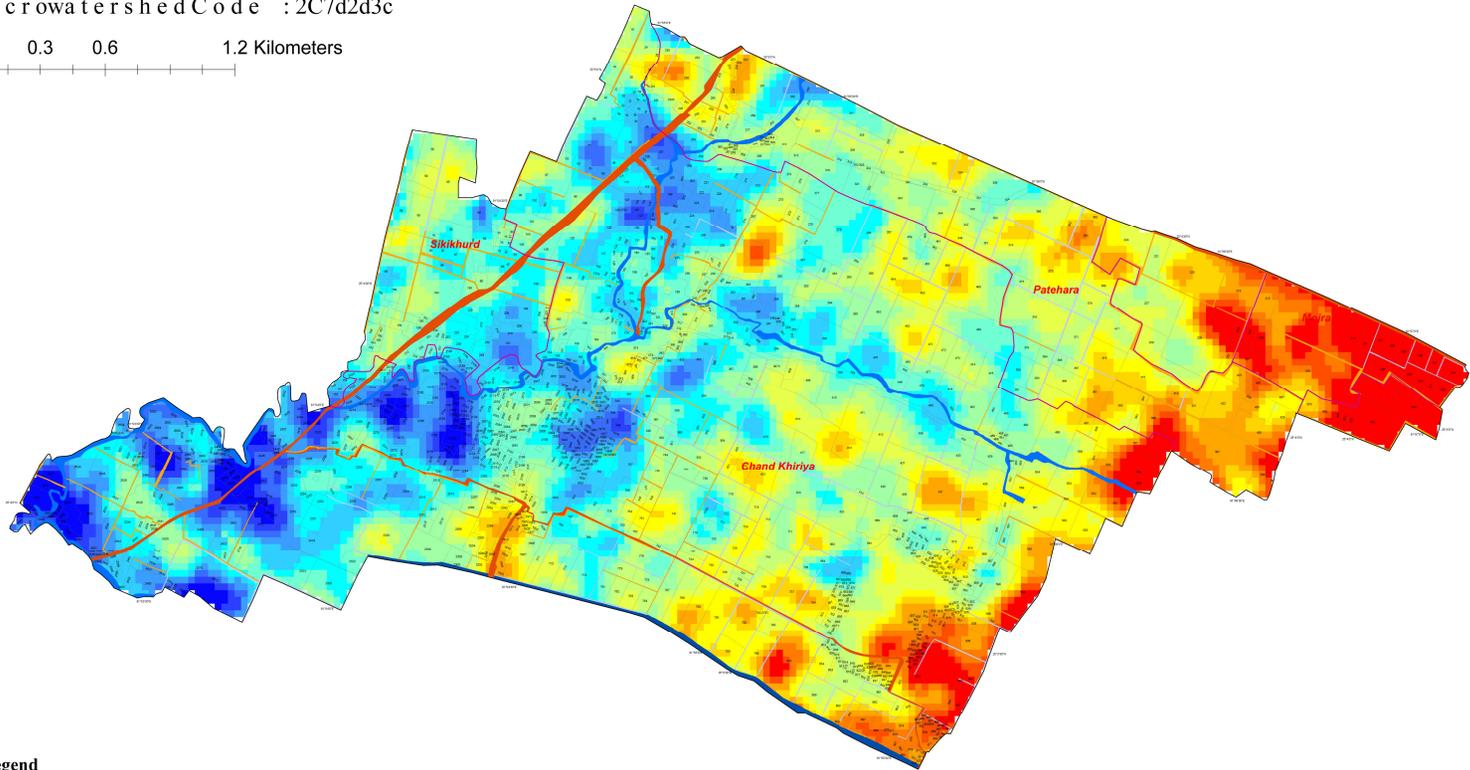
Source : 30 m ASTER DEM

DIGITAL ELEVATION MODEL

Project Name : IWMP-II
District Name : Allahabad
Microwatershed Name : Chand Khimariha
Microwatershed Code : 2C7d2d3c



0 0.3 0.6 1.2 Kilometers



Legend

Microwatershed Boundary

Village Boundary

Canal

Drain

Kachha Road

Nali

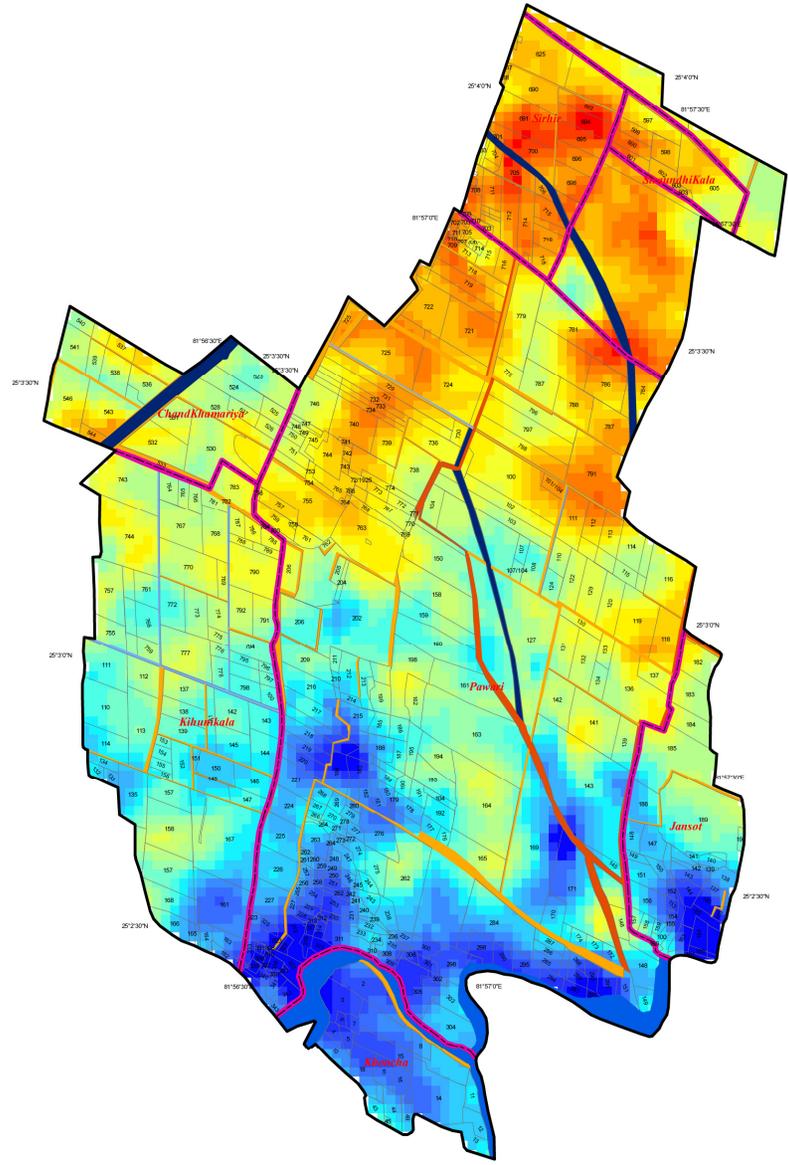
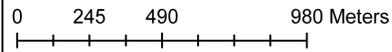
Pucca Road

High : 115m

Low : 90m

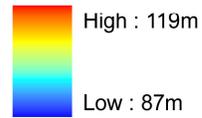
DIGITAL ELEVATION MODEL

Project Name : IWMP-II
 District Name : Allahabad
 Microwatershed Name : Pawari
 Microwatershed Code : 2C7d2d2d



Legend

-  Microwatershed Boundary
-  Village Boundary
-  Canal
-  Kachha Road
-  Nali
-  Pucca Road
-  River/Drain



Source : 30 m ASTER DEM

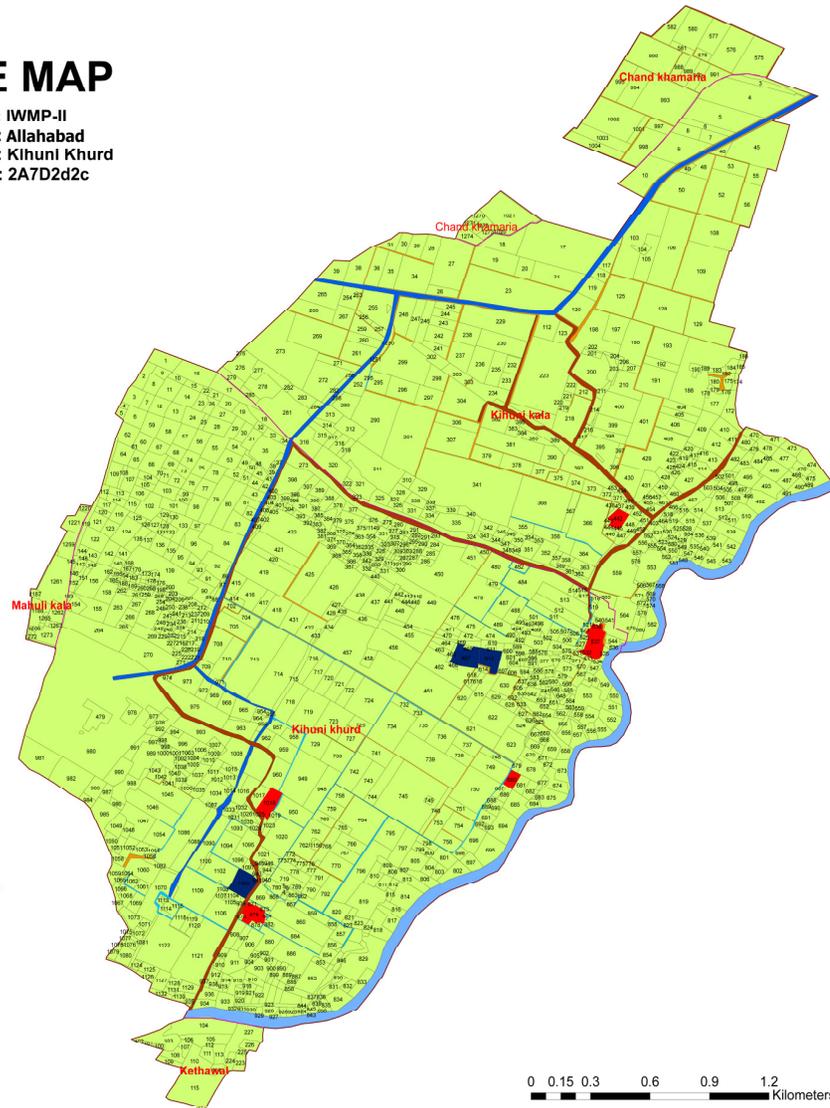
LANDUSE MAP

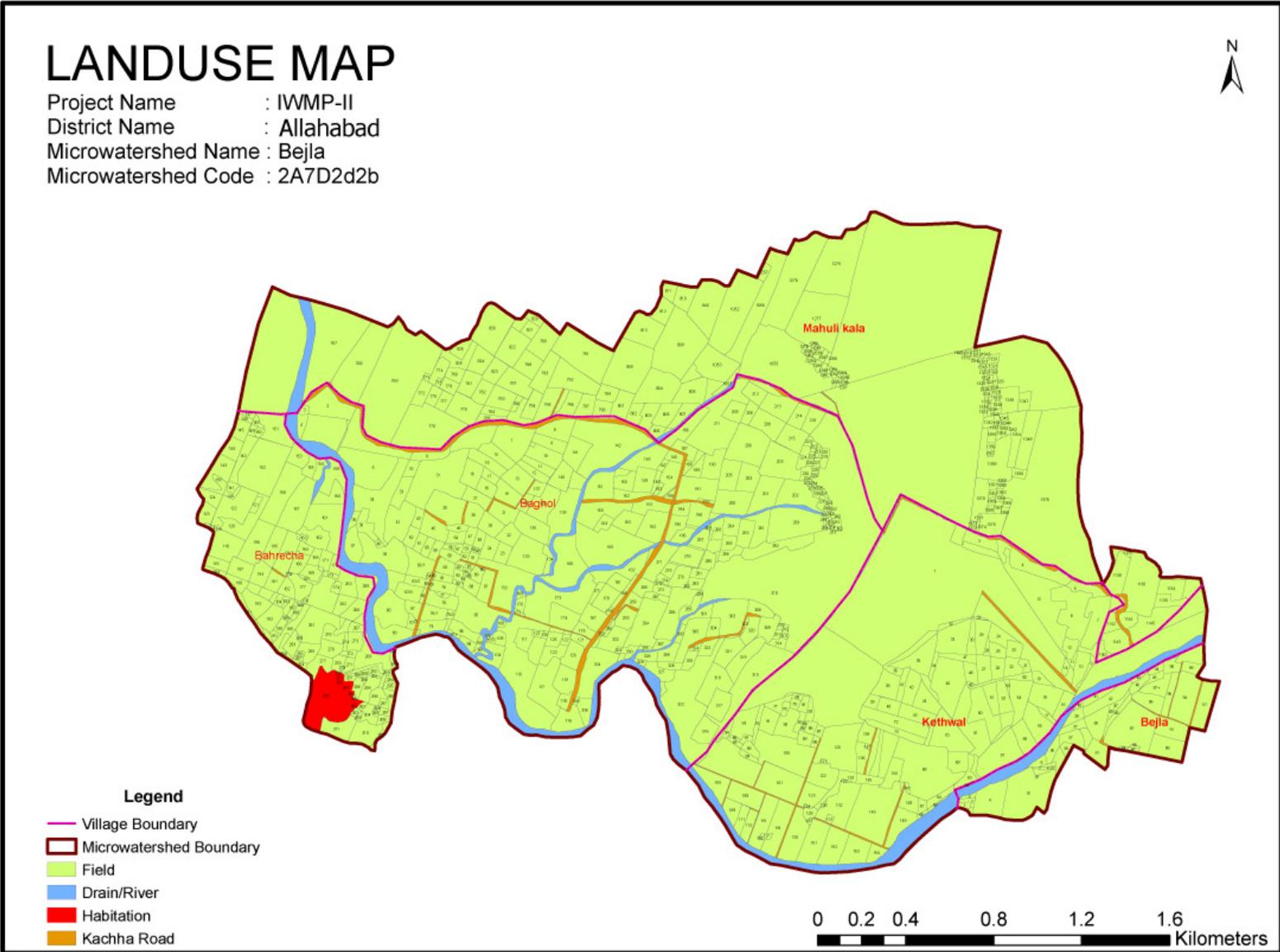
Project Name : IWMP-II
 District Name : Allahabad
 Microwatershed Name : Kihuni Khurd
 Microwatershed Code : 2A7D2d2c



Legend

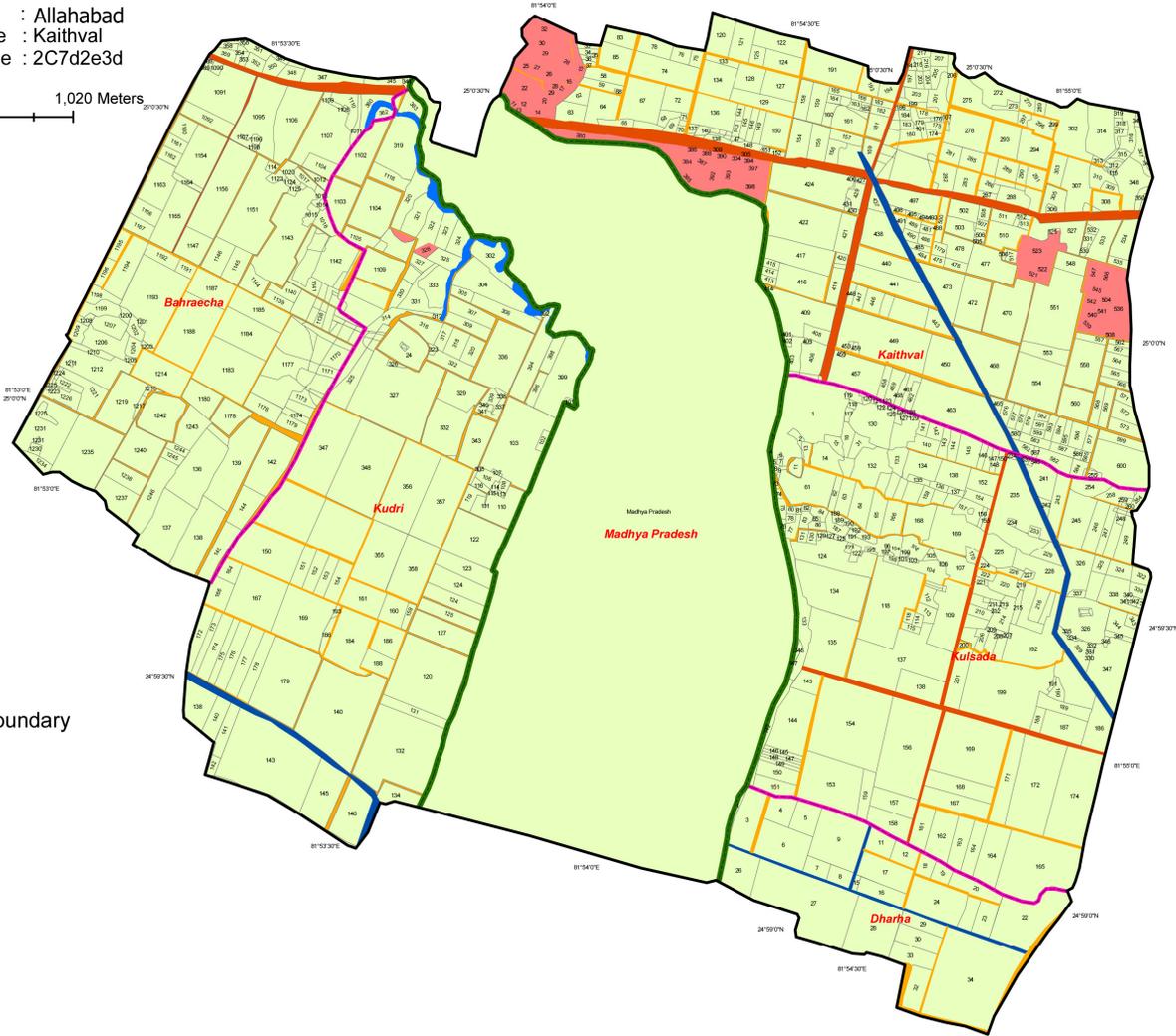
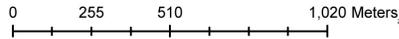
-  Village Boundary
-  Microwatershed Boundary
-  Field
-  Pucca Road
-  kachha Road
-  Drain/River
-  Canal
-  Nali
-  Habitation
-  Water Pound





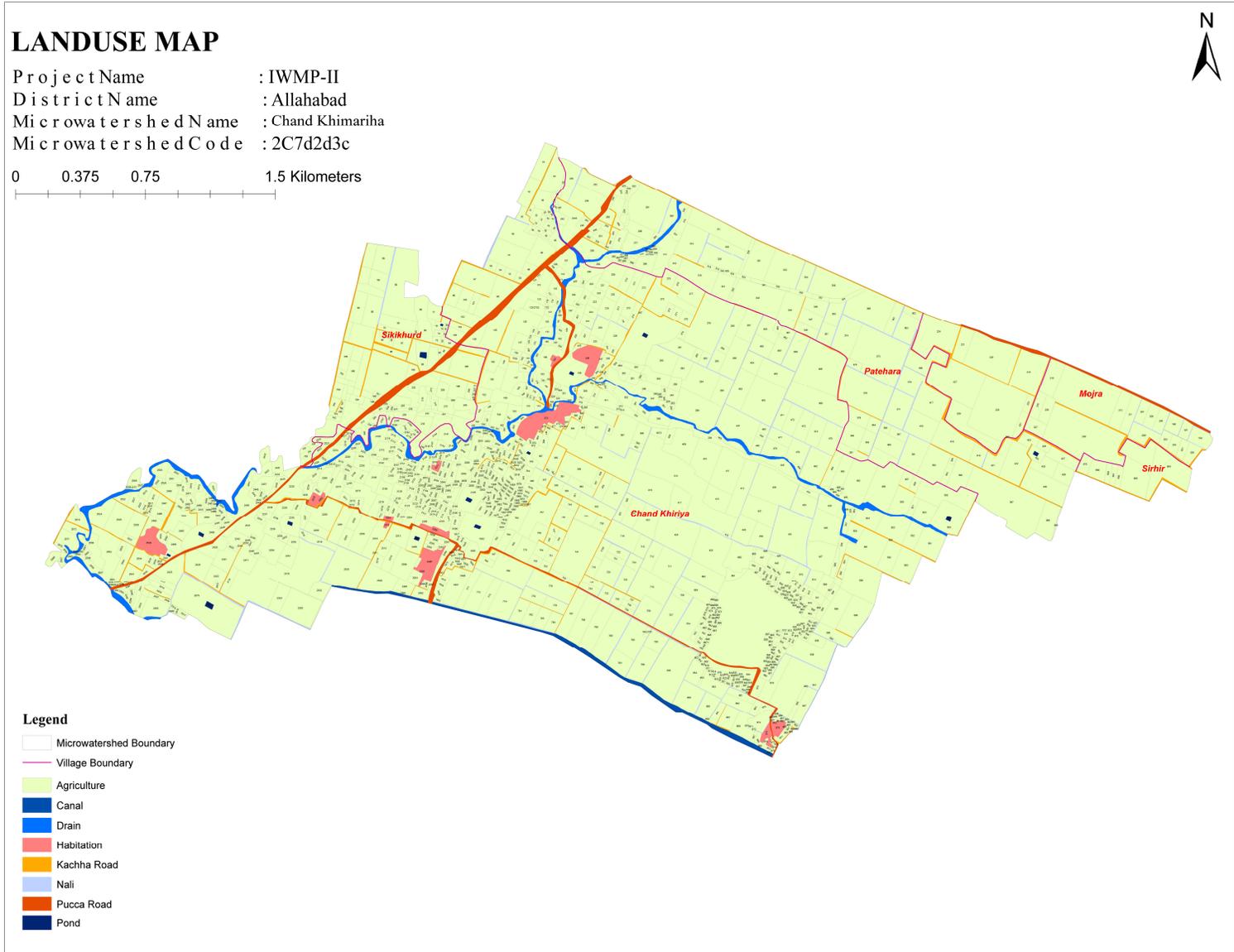
LANDUSE MAP

Project Name : IWMP-II
District Name : Allahabad
Microwatershed Name : Kaithval
Microwatershed Code : 2C7d2e3d



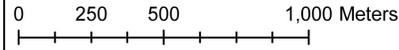
Legend

- Microwatershed Boundary
- State Boundary
- Village Boundary
- Agriculture
- Canal
- Drain
- Habitation
- Kachha Road
- Pucca Road



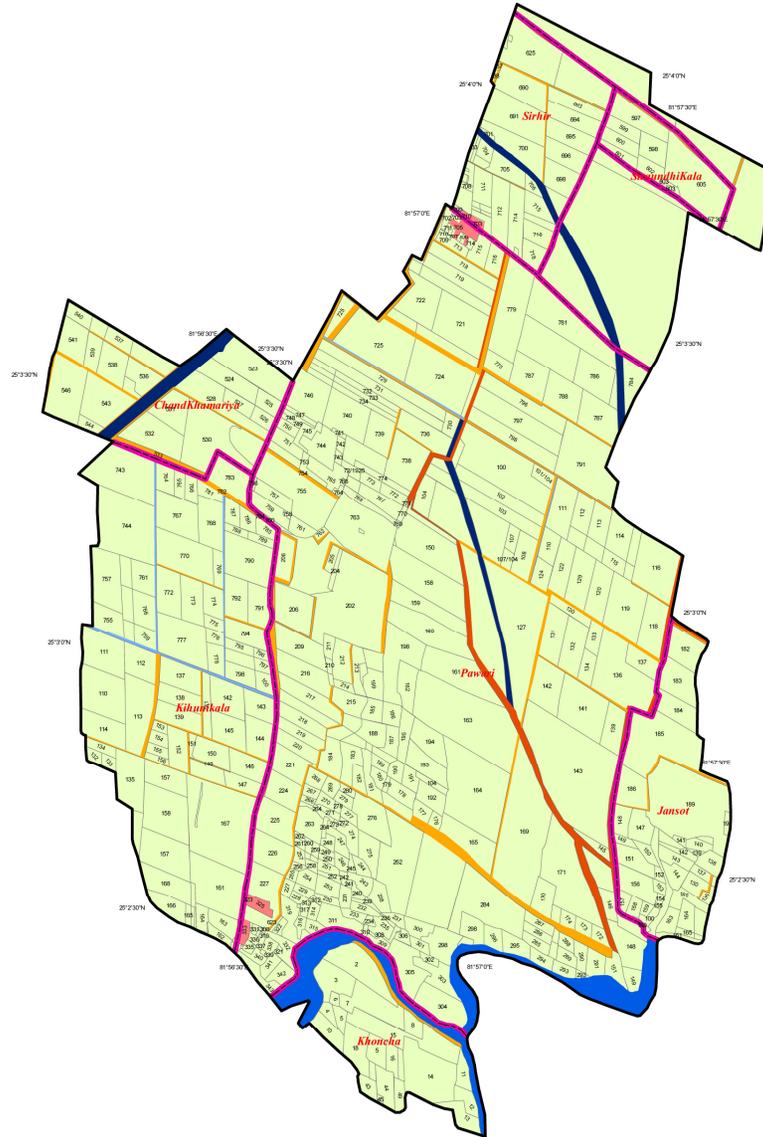
LANDUSE MAP

Project Name : IWMP-II
District Name : Allahabad
Microwatershed Name : Pawari
Microwatershed Code : 2C7d2d2d



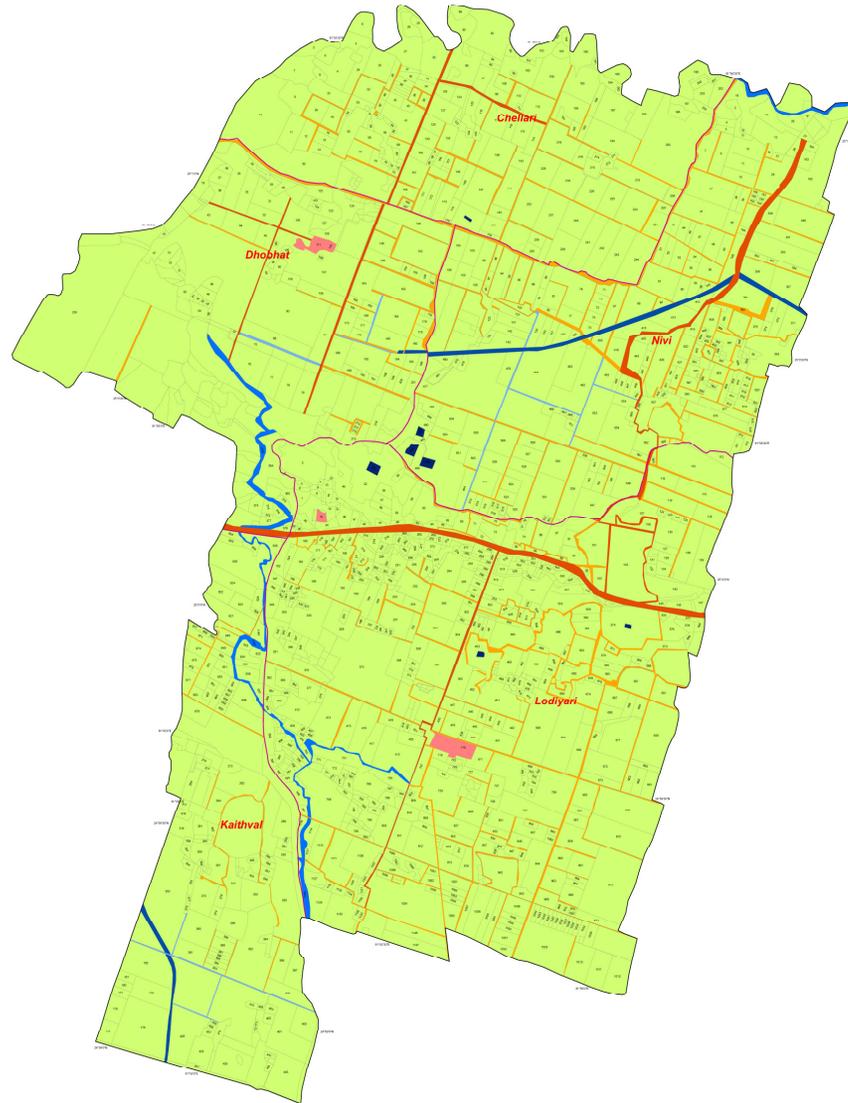
Legend

-  Microwatershed Boundary
-  Village Boundary
-  Agriculture
-  Canal
-  Habitation
-  Kachha Road
-  Nali
-  Pucca Road
-  River/Drain



LANDUSE MAP

Project Name : IWMP-II
 District Name : Allahabad
 Microwatershed Name : Nivi
 Microwatershed Code : 2C7d2f1a



Legend

-  Microwatershed Boundary
-  Village Bounadry
-  Agriculture
-  Canal
-  Drain
-  Habitation
-  Kachha Road
-  Nivi
-  Pucca Road
-  Tank