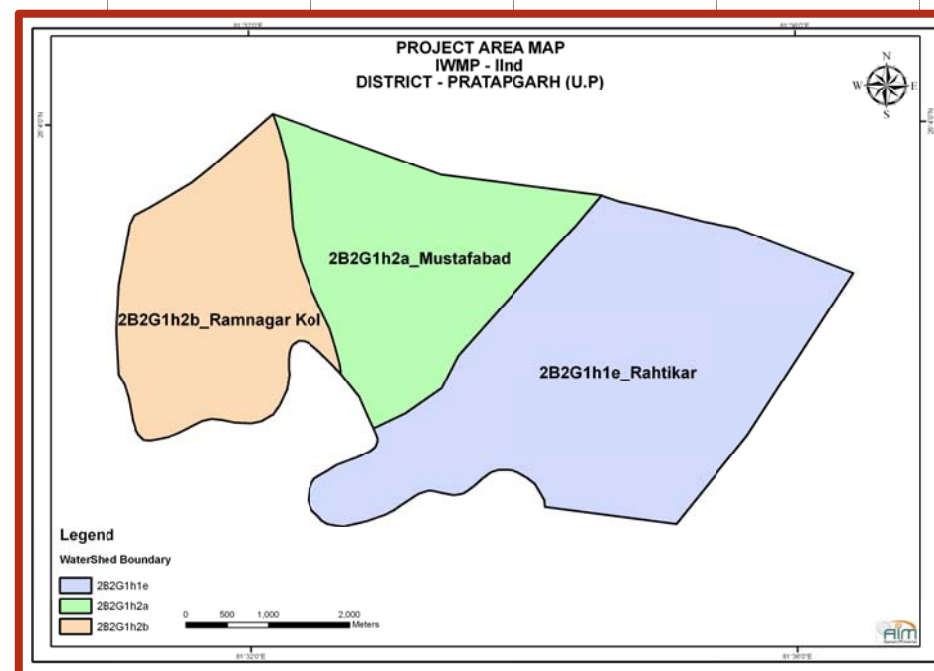
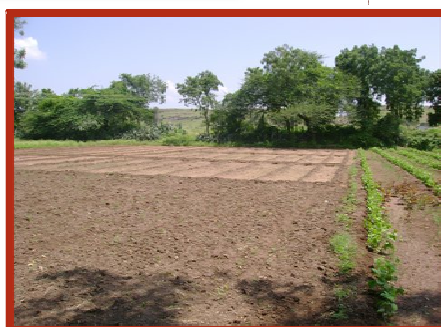


DETAILED PROJECT REPORT (D.P.R)
(IWMP-IInd, (YEAR 2010-11) PRATAPGARH)
INTEGRATED WATERSHED MANAGEMENT PROGRAMME, SAI WATERSHED,
BLOCK – SANGIPUR
DISTRICT – PRATAPGARH (UTTAR PRADESH)



Submitted to: -
Department of Land Development &
Water Resources. Lucknow (U.P.)



Prepared By:-
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Department of Land Development
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Land Development & Water Resources Government of U. P. Lucknow

CERTIFICATE

This is to be certified that the proposed Project (IWMP-II) comprising three micro-watersheds of district Pratapgarh, Uttar Pradesh has been selected for its sustainable development on watershed basis under Integrated Watershed Management Programme. This project has been approved by WDCD, WC & Gram Panchyat .The land is physically available for proposed interventions and is not overlapping with any other schemes. It will be developed as per Common Guidelines for Watershed Development Project-2008, GOI, New Delhi. The significant results will be achieved through proposed interventions on soil and water conservation, ground water recharge, availability of drinking and irrigation water, agricultural production systems, live stock, fodder availability, livelihoods of asset less, capacity building, etc. The proposed **Detailed Project Report of IWMP-II, 2010-11** is submitted for its approval & implementation.



Soil Conservation Officer
IWMP-II
Dept. of LDWR, Pratapgarh, UP



Deputy Director
LDWR, Pratapgarh, UP



Project Director
DRDA, Pratapgarh, UP

EXECUTIVE SUMMARY

The Government of India takes integrated watershed management Programme (IWMP) as a key strategy for improving productivity and livelihoods in the rain-fed and drought-prone regions. Watershed is an organic unit in the natural and ecological systems. It is an aggregation of numerous natural resources. The exploitation and utilization of watershed should be a comprehensive development process of all resources that follows the principle of integrated management and allocation. It is the essential condition to guarantee the environmental protection and sustainable development in watershed areas.

The main objectives of the IWMP are to restore the ecological balance by harnessing, conserving and developing degraded natural resources such as soil, vegetative cover and water. The outcomes are prevention of soil run-off, regeneration of natural vegetation, rain water harvesting and recharging of the ground water table. This enables multi-cropping and the introduction of diverse agro-based activities, which help to provide sustainable livelihoods to the people residing in the watershed area.

IWMP – II, 2010-11 project is located in the **Sangipur Block** of Pratapgarh District in the state of Uttar Pradesh. The project area is situated from 26°4'4.383" Latitude North to 36°1'17.985" North and 81°31'1.676" Longitude East to 81°36'29.737" East. The average rainfall of the project area is 775.90 mm and the average temperature ranges from 6.5 °C to 43.70 °C.

The project is a **cluster** of 03 Micro watersheds. The total project (geographical) area of the micro watershed cluster is about 2851 ha out of this 2176 ha has been undertaken to be treated under **Integrated Watershed Management Program (IWMP-II)** with starting year 2010-11.

This project proposes to generate of both wage employment and self employment opportunities. Wage employment would be created by engaging people in watershed physical works like construction of earthen bunds, farm bunds, village pond, plantation, etc. Self employment would be created by providing the people with cash support in the form of direct livelihood activities like agriculture, animal husbandry and enterprise development. This will also help in checking of migration.

It is also expected that after the implementation of the proposed activities during IWMP-II, there would be a conspicuous increase in the gross cultivated area, cropping intensity, food production, fodder production, fuel production, average income from agriculture, milk production, irrigated area, area under agro-forestry etc. An increase in overall value of land and a decrease of depth of ground water is expected. A significant amount of employment generation and women benefitting from SHG's is also expected.

The proposed watershed area has been identified by the state department under IWMP project by proper prioritization of different parameters for watershed selection criteria. The SLNA has nominated Bhoomi Sanrakshan Adhikari, Sharda Shahayak command, Pratapgarh P.I.A for the aforesaid project. The area of watershed is proposed to be taken by Bhoomi Sanrakshan Adhikari, Department of land development & water resources, Pratapgarh, for integrated watershed management programme (IWMP-II) starting from the year 2010-11. The project will be completed by 2013-14.

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CHAPTER-1

INTRODUCTION AND PROJECT BACKGROUND

1.1: Project Background:

IWMP-2nd project is located in part of **Sangipur Block** of **Pratapgarh District, U.P.** The project is a **cluster** of 03 Micro watersheds. The total project (geographical) area of the micro watershed cluster is about 2851 ha out of this 2176 ha has been undertaken to be treated under **Integrated Watershed Management Program (IWMP-2nd)** with starting year 2010-11.

Table 1.1: Basic Project Information:

S. No.	Details	No.	Area (ha.)
1	2	3	4
1	Total Geographical area and watersheds in the District	255	273528
2	Workable Micro Watersheds and Geographical area	165	177106
3	Micro Watersheds already treated by LDWR & other agencies	90	96422
4	Balance Micro Watersheds/ Geographical area for treatment (Before IWMP -2 nd)	151	165237

Table 1.2: Approved plan Preliminary Project Report (PPR) by Steering Committee (SC), Govt. of India:

Year	Project/Phase IWMP	MWS	Geographical Area/Treatable (ha)	Project Cost Rs. lacs	PIA	S.C. Meeting Date
1	2	3	4	5	6	7
2010-11	IWMP-2 nd	03	2851/2176	261.12	B.S.A, Pratapgarh	19-10-2010

Table 1.3: Details of Micro Watersheds:

S.No.	Code of Micro watersheds	Name of Micro Watersheds	Treatable Area (ha)	Name of River / Nalah in each MWS
1	2B2G1h2a	Mustfabad	581	Sai River
2	2B2G1h1e	Rahtikar	1290	Sai River
3	2B2G1h2b	Ramnagar col	305	Sai River
		TOTAL	2176	

1.2: Need and scope for Watershed development programme:

Watershed Development Programme is prioritized on the basis of thirteen parameters namely Poverty index, Percentage of SC/ST population, Actual wages, Percentage of small and marginal farmers, Ground water status, Moisture Index, Area under rainfed agriculture, Drinking water situation, Percentage of the degraded land, Productivity potential of the land, Continuity of another watershed that has already been treated, and Cluster approach for the area.

Cluster approach was followed taken into consideration for 03 micro-watersheds covering a total geographical area of 2851 ha with a cumulative score of 80.50 (Reference Table given below)-

1.4: Weightage for the selection of the watershed:

Project name	Weightage													
IWMP-2 nd	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	xiii	Total
	5	5	5	10	3	0	15	7.5	10	10	5	5	0	80.50

Weightage Criteria (for score):

S.No.	Criteria	Maximum Score	Ranges & Scores			
i	Poverty index (% of poor to population)	10	Above 80 % (10)	80 to 50 % (7.5)	50 to 20 % (5)	Below 20 % (2.5)
ii	% of SC/ ST population	10	More than 40 % (10)	20 to 40 % (5)	Less than 20 % (3)	
iii	Actual wages	5	Actual wages are significantly lower than minimum wages (5)	Actual wages are equal to or higher than minimum wages (0)		
iv	% of small and marginal farmers	10	More than 80 % (10)	50 to 80 % (5)	Less than 50 % (3)	
v	Ground water status	5	Over exploited (5)	Critical (3)	Sub critical (2)	Safe (0)
vi	Moisture index/ DPAP/ DDP Block	15	-66.7 & below (15) DDP Block	-33.3 to -66.6 (10) DPAP Block	0 to -33.2 (0) Non DPAP/ DDP Block	

S.No.	Criteria	Maximum Score	Ranges & Scores			
vii	Area under rain-fed agriculture	15	More than 90 % (15)	80 to 90 % (10)	70 to 80% (5)	Above 70 % (Reject)
viii	Drinking water	10	No source (10)	Problematic village (7.5)	Partially covered (5)	Fully covered (0)
ix	Degraded land	15	High – above 20 % (15)	Medium – 10 to 20 % (10)	Low- less than 10 % of TGA (5)	
x	Productivity potential of the land	15	Lands with low production & where productivity can be significantly enhanced with reasonable efforts (15)	Lands with moderate production & where productivity can be enhanced with reasonable efforts (10)	Lands with high production & where productivity can be marginally enhanced with reasonable efforts (5)	
xi	Contiguity to another watershed that has already been developed/ treated	10	Contiguous to previously treated watershed & contiguity within the micro watersheds in the project (10)	Contiguity within the micro watersheds in the project but non contiguous to previously treated watershed (5)	Neither contiguous to previously treated watershed nor contiguity within the micro watersheds in the project (0)	
xii	Cluster approach in the plains (more than one contiguous micro-watersheds in the project)	15	Above 6 micro-watersheds in cluster (15)	4 to 6 micro watersheds in cluster (10)	2 to 4 micro watersheds in cluster (5)	
xiii	Cluster approach in the hills (more than one contiguous micro-watersheds in the project)	15	Above 5 micro-watersheds in cluster (15)	3 to 5 micro watersheds in cluster (10)	2 to 3 micro watersheds in cluster (5)	
	Total	150	150	90	41	2.5

1.4: Details of ongoing watershed programme:

Presently, watershed development programme under IWMP is going on in the District.

CHAPTER-2

GENERAL DESCRIPTION OF PROJECT AREA

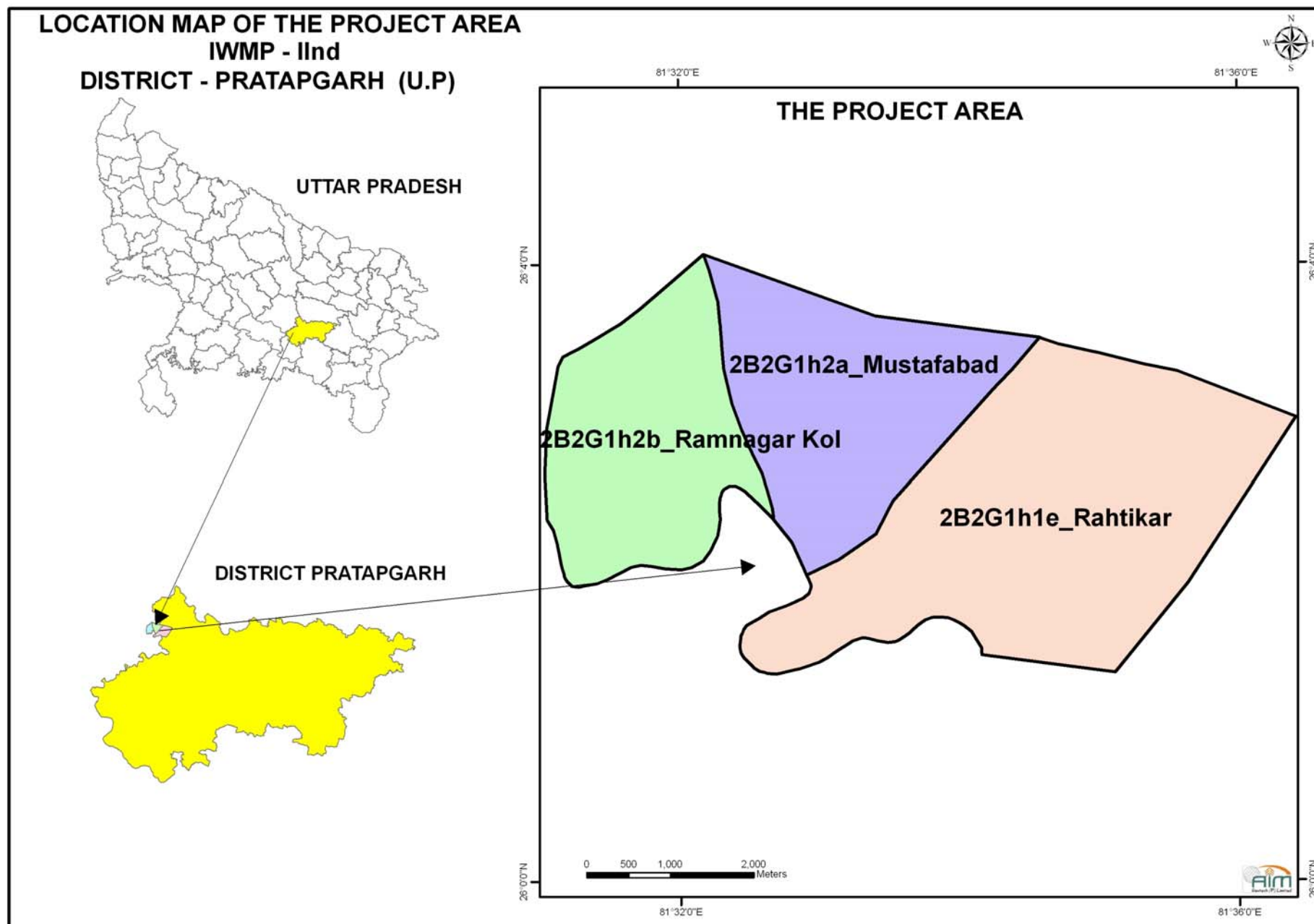
2.1: Location:

The selected watershed in the catchment area of Sai River in Pratapgarh district (U.P.) and is located in North West part of the district. This Watershed cluster includes 13 villages of 09 Gram Panchayats. The livelihood of these people is primarily based on rainfed agriculture, animal husbandry, wage labour, goat, sheep and poultry.

Table 2.1: General Description of the Project Area

S.No.	Code of MWS	Name of MWS	Latitude	Longitude	Name of GP	Village	Geographical Area (ha)	Distance(km.) of Improtant/ approach road (Lalganj to Raebareilly)
1	2	3	4	5	6	7	8	9
1	2B2G1h2a	MUSTFABAD	26 ⁰ 02' 17" to 26 ⁰ 04' 39"	81 ⁰ 32' 10" to 81 ⁰ 34' 34"	BARA	BARA	112	7
					BHAGAWANTPUR	BHAGAWANTPUR	3	9
					MUSTFABAD	MUSTFABAD	342	8
					RAKI	RAKI	70	7
						PARANIPUR	216	7
					Sub total		743	
2	2B2G1h1e	RAHTIKAR	26 ⁰ 01' 26" to 26 ⁰ 03' 17"	81 ⁰ 32' 25" to 81 ⁰ 35' 32"	NARVAL	NARVAL	120	9
						BALIPUR GONDWA	258	9
					MUSTFABAD	MUSTFABAD	472	8
					RAHTIKAR	RAHTIKAR	385	7
					RAKI	RAKI	198	7
					Sub total		1433	

S.No.	Code of MWS	Name of MWS	Latitude	Longitude	Name of GP	Village	Geographical Area (ha)	Distance(km.) of Improtant/ approach road (Lalganj to Raebareily)
1	2	3	4	5	6	7	8	9
3	2B2G1h2b	RAMNAGAR COL	26 ⁰ 01' 55" to 26 ⁰ 04' 02"	81 ⁰ 30' 22" to 81 ⁰ 32' 40"	BARA	BARA	3	7
					BHAGAWANTPUR	BHAGAWANTPUR	32	9
					HAJIPUR	HAJIPUR	43	8
					MADHUKARPUR	MADHUKARPUR	163	9
					MAHESHPUR	MAHESHPUR	100	5
					MUSTFABAD	MUSTFABAD	156	8
						RAMNAGAR COL	178	5
					Sub total		675	
					Grand Total		2851	



2.2: Area and Land use:

Village wise detailed information on type of land is depicted in Table 2.2.

Table 2.2: Details of land resources

S. N.	Code of MWS	Name of MWS	Name of GP	Name of Village	Cultivated and wasteland area (ha)				Area details (ha) (falling within the projects)							
					Cultivated rainfed area	Cultivated irrigated area	Uncultivated wasteland/fallow		Pvt. Agri. Land				Forest Land	Community land	Others (Pl. specify)	Total area
							Temp.	Permanent	Gen	SC/ST	OBC	Total				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	2B2G1h2a	MUSTFABAD	BARA	BARA		90		22	45	15	30	90			22	112
			BHAGAWANTPUR	BHAGWANTPUR				3							3	3
			MUSTFABAD	MUSTFABAD	301	11	20	10	110	56	166	332	2	3	5	342
			RAKI	RAKI	50	5	10	5	21	11	33	65		1	4	70
				PARANIPUR	190	10	10	6	69	35	106	210	1	2	3	216
				Sub total	541	116	40	46	245	117	335	697	3	6	37	743
2	2B2G1h1e	RAHTIKAR	NARVAL	NARVAL	100	10	5	5	38	20	57	115	1	2	2	120
				BALIPUR GONDWA	205	15	30	8	82	42	126	250	1	3	4	258
			MUSTFABAD	MUSTFABAD	390	30	30	22	148	76	226	450	5	7	10	472
			RAHTIKAR	RAHTIKAR	330	15	30	10	123	64	188	375	2	2	6	385
			RAKI	RAKI	140	20	30	8	62	23	105	190	1	2	5	198
				Sub total	1165	90	125	53	453	225	702	1380	10	16	27	1433
3	2B2G1h2b	RAMNAGAR COL	BARA	BARA				3							3	3
			BHAGAWANTPUR	BHAGWANTPUR		15		17	8	1	6	15			17	32
			HAJIPUR	HAJIPUR		26		17	12	4	10	26			17	43

S. N.	Code of MWS	Name of MWS	Name of GP	Name of Village	Cultivated and wasteland area (ha)				Area details (ha) (falling within the projects)							
					Cultivated rainfed area	Cultivated irrigated area	Uncultivated wasteland/ fallow		Pvt. Agri. Land				Forest Land	Community land	Others (Pl. specify)	Total area
							Temp.	Permanent	Gen	SC/ST	OBC	Total				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
			MADHUKARPUR	MADHUKARPUR		88		75	44	10	34	88			75	163
			MAHESHPUR	MAHESHPUR		73		27	43	5	25	73			27	100
			MUSTFABAD	MUSTFABAD	130	5	15	6	50	25	75	150		3	3	156
				RAMNAGAR COL	140	10	20	8	56	29	85	170	2	2	4	178
				Sub total	270	217	35	153	213	74	235	522	2	5	146	675
			Grand Total		1976	423	200	252	911	416	1272	2599	15	27	210	2851

2.3: Physiography:

The watershed has a general **slope** is around one percent. Spatial distribution of different slope classes has been prepared into 05 classes (viz.0-0.5, 0.5-1, 1-2, 2-3 & 3-5% (Table 2.3).

Table 2.3: Slope range in the project area

S.No.	Code of MWS	Name of MWS	Slope range wise area (ha)					
			0-0.5%	0.5-1.0%	1-2%	2-3%	3-5%	Total
1	2	3	4	5	6	7	8	9
1	2B2G1h2a	MUSTFABAD	142	198	276	95	32	743
2	2B2G1h1e	RAHTIKAR	330	468	461	144	30	1433
3	2B2G1h2b	RAMNAGAR COL	130	194	262	76	13	675
		Total	460	662	723	220	43	2829

2.4: Climate:

The annual rainfall and the temperature of the district are given in Table 2.4.

Table 2.4: Average monthly rainfall and temperature

Month	Annual Rainfall (mm)						Temperature °C	
	2005	2006	2007	2008	2009	Average	Max.	Min.
January	-	1	-	-	2	1.5	12.5	6.5
February	2	7	60	9	8	17.2	16.5	10.4
March	-	-	51	-		51	28.9	17.2
April	4	3	-	-		3.5	38.4	25.8
May	37	19	17	35	20	25.6	40.5	30.5
June	27	37	61	231	40	79.2	42.5	30.1
July	208	240	176	527	380	306.2	40.2	33.6
August	177	140	191	203	285	199.2	38.5	31.7
September	90	87	67	73	10	65.4	36.2	24.1
October	62	7	12	18	9	21.6	43.7	21.9
November	4	-	-	-	1	2.5	30.4	17.1
December	4	-	2	-		3	18.4	10.4
Total	615	541	637	1096	755	775.9	Avg. 32	Avg. 22

Table 2.5: Flood and Drought Area

Sl. No.	MWS	Particulars	No. of villages	Periodicity		Not affected
				Annual	Any other (please specify)	
1	2	3	4	5	6	7
1	All 03 MWS	Flood	Name(s) of villages	---	----	Not affected
			No. of villages	---	----	
		Drought	Name(s) of villages	---	----	Not affected
			No. of villages	---	----	

Table 2.6: Details of Soil Erosion

S.No.	Code of MWS	Name of MWS	Water Erosion (ha)				Runoff (mm)	Average Soil loss (Ton/ha/year)	Wind Erosion
			Sheet	Rill	Gully	Total			
1	2B2G1h2a	Mustfabad	326	162	93	581	320	19	--
2	2B2G1h1e	Rahtikar	722	360	208	1290	314	18	--
3	2B2G1h2b	Ramnagar col	171	85	49	305	320	17	--
		Total	1219	608	350	2176	Avg. 318	Avg. 18	--

CHAPTER-3

BASELINE SURVEY AND PARTICIPATORY RURAL APPRAISAL

3.1: Social-Economic Analysis:

IWMP-2nd watershed project has a total of 4031 households with a population of 20157 (as per base-line survey) out of which 10174 are male and 10083 female. The sex ratio is 991 female to 1000 male. There are 876 BPL families. The detail of population in each micro-watershed is given below:-

Table 3.1: Demographic Features in Project Area

(All figures in nos.)

S.No.	Code of MWS	Name of MWS	Name of GP	Village	Total population	Male	Female	SC/ST		
								Male	Female	Total
1	2	3	4	5	6	7	8	9	10	11
1	2B2G1h2a	MUSTFABAD	BARA	BARA	0	0	0	0	0	0
			BHAGAWANTPUR	BHAGAWANTPUR	114	59	55	0	0	0
			MUSTFABAD	MUSTFABAD	5100	2578	2522	665	691	1356
			RAKI	RAKI	4462	2221	2241	538	544	1082
				PARANIPUR	1203	599	604	91	116	207
			Sub total		10879	5457	5422	1294	1351	2645
2	2B2G1h1e	RAHTIKAR	NARVAL	NARVAL	780	450	430	60	50	110
				BALIPUR GONDWA	675	314	361	126	163	289
			MUSTFABAD	MUSTFABAD	0	0	0	0	0	0
			RAHTIKAR	RAHTIKAR	5081	2571	2510	436	458	894
			RAKI	RAKI	0	0	0	0	0	0
			Sub total		6536	3335	3301	622	671	1293
3	2B2G1h2b	RAMNAGAR COL	BARA	BARA	0	0	0	0	0	0
			BHAGAWANTPUR	BHAGAWANTPUR	0	0	0	0	0	0
			HAJIPUR	HAJIPUR	0	0	0	0	0	0
			MADHUKARPUR	MADHUKARPUR	1151	582	569	113	100	213
			MAHESHPUR	MAHESHPUR	923	471	452	211	212	423
			MUSTFABAD	MUSTFABAD	0	0	0	0	0	0
				RAMNAGAR COL	668	329	339	61	66	127
			Sub total		2742	1382	1360	385	378	763
			Grand Total		20157	10174	10083	2301	2400	4701

3.2: Land Holding Pattern:

The average land holding is about 0.60 ha with lack of irrigation source, so it forces the majority of the farmers to migrate to ensure their livelihood. This affects the demographic profile of the watershed directly.

Table 3.2: Details of land holding pattern

S. No.	Code of MWS	Name of MWS	Name of GP	Village	Type of Farmers					Households	BPL Households	Land holding (ha)		
					LF	SF	MF	LL	Total			Irrigated	Rainfed	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	2B2G1h2a	PARANIPUR	BARA	BARA	0	0	0	0	0	0	0	90	0	90
			BHAGAWANTPUR	BHAGAWANTPUR	1	3	18	1	23	23	5	0	0	0
			MUSTFABAD	MUSTFABAD	61	112	816	31	1020	1020	222	11	301	312
			RAKI	RAKI	54	98	714	27	892	892	194	5	50	55
				PARANIPUR	14	26	192	7	241	241	52	10	190	200
			Sub total		131	239	1741	65	2176	2176	473	116	541	657
2	2B2G1h1e	MUSTFABAD	NARVAL	NARVAL	9	17	125	5	156	156	34	10	100	110
				BALIPUR GONDWA	8	15	108	4	135	135	29	15	205	220
			MUSTFABAD	MUSTFABAD	0	0	0	0	0	0	0	30	390	420
			RAHTIKAR	RAHTIKAR	61	112	813	30	1016	1016	221	15	330	345
			RAKI	RAKI	0	0	0	0	0	0	0	20	140	160
			Sub total		78	144	1046	39	1307	1307	284	90	1165	1255
3	2B2G1h2b	RAMNAGAR COL	BARA	BARA	0	0	0	0	0	0	0	0	0	0
			BHAGAWANTPUR	BHAGAWANTPUR	0	0	0	0	0	0	0	15	0	15
			HAJIPUR	HAJIPUR	0	0	0	0	0	0	0	26	0	26
			MADHUKARPUR	MADHUKARPUR	14	25	184	7	230	230	50	88	0	88
			MAHESHPUR	MAHESHPUR	11	20	148	6	185	185	40	73	0	73
			MUSTFABAD	MUSTFABAD	0	0	0	0	0	0	0	5	130	135
				RAMNAGAR COL	8	15	107	4	134	134	29	10	140	150
			Sub total		33	60	439	16	548	548	119	217	270	487
			Grand Total		242	443	3225	121	4031	4031	876	423	1976	2399

Migration:

People migrate during summer season to different parts/cities of the country like Kanpur and Delhi as daily wages, agricultural and construction labourers. The details are given below:

Table 3.3: Details of Migration: Pre Project status

(All figures in nos.)

S. No	Code of MWS	Name of MWS	Name of GP	Village	No. of persons migrating	No. of days per year of migration	Major reason(s) for migrating	Distance of destination of migration from the village (km)	Occupation during migration	Income from such occupation (Rs/month)
1	2	3	4	5	6	7	8	9	10	11
1	2B2G1h2a	MUSTFA-BAD	BARA	BARA	0	--	Poverty & un-employment	--	--	--
			BHAGAWANTPUR	BHAGAWANTPUR	29	120-240		150-600	Labour/service	4500-5500
			MUSTFABAD	MUSTFABAD	1286	120-240		150-600	Labour/service	5000-6000
			RAKI	RAKI	1125	120-240		150-600	Labour/service	5500-6000
				PARANIPUR	303	120-240		150-600	Labour/service	4500-6000
			Sub total		2743	-	-	-	-	-
2	2B2G1h1e	RAHTIKAR	NARVAL	NARVAL	197	120-240	Poverty & un-employment	150-600	Labour/service	4500-5500
				BALIPURGONDWA	170	120-240		150-600	Labour/service	5000-6000
			MUSTFABAD	MUSTFABAD	0	--		--	--	--
			RAHTIKAR	RAHTIKAR	1281	120-240		150-600	Labour/service	5000-6000
				RAKI	RAKI	0		--	--	--
				Sub total		1648	--	-	-	-
3	2B2G1h2b	RAMNAGAR COL	BARA	BARA	0	--	Poverty & un-employment	--	--	--
			BHAGAWANTPUR	BHAGAWANTPUR	0	--		--	--	--
			HAJIPUR	HAJIPUR	0	--		--	--	--
			MADHUKARPUR	MADHUKARPUR	290	120-240		150-600	Labour/service	5500-6000
			MAHESHPUR	MAHESHPUR	233	120-240		150-600	Labour/service	4500-6000
			MUSTFABAD	MUSTFABAD	0	--		--	--	--
				RAMNAGAR COL	168	120-240		150-600	Labour/service	5500-6000
			Sub total		691	-	-	-	-	-
Grand Total		5082	-	-	-	-	-			

Table 3.4: Details of Village Infrastructure**(Distance in Km.)**

S. No.	Village	Pucca Road	Electricity	Primary School	Jr. High School	Higher Edu.	Post office	PHC	Vetnary hosp.	Bank	Market	Co-op. Society	Ag service centre	Milk Collection centre
1	BARA	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y
2	BALIPUR GONDWA	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y
3	BARA	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y
4	BHAGAWANTPUR	Y	Y	N	N	N	N	N	N	N	N	N	N	N
5	HAJIPUR	Y	Y	N	N	N	N	N	N	N	N	N	N	N
6	MADHUKARPUR	Y	Y	N	N	N	N	N	N	N	N	N	N	N
7	MAHESHPUR	Y	Y	N	N	N	N	N	N	N	N	N	N	N
8	MUSTFABAD	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y
9	NARVAL	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N
10	PARANIPUR	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N
11	RAHTIKAR	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y
12	RAKI	Y	Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	N
13	RAMNAGAR COL	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N

Table 3.5: Soil Texture

S.No.	MWS code	Name of MWS	Area in different Soil Group (ha)			Total
			Light textured soil (sand, loamy sand)	Medium textured soil (sandy loam, loam, silt loam)	Heavy textured soil (Clay loam)	
1	2B2G1h2a	MUSTFABAD	156	395	30	581
2	2B2G1h1e	RAHTIKAR	348	877	65	1290
3	2B2G1h2b	RAMNAGAR COL	98	187	20	305
		Total	602	1459	115	2176

3.4: Crops & Productivity:

Table 3.6: Productivity and Production

S.No.	Crop	Area		Productivity		Production (Q)		Fodder/Fuel/	
		(ha)		(Q/ha)		Grain/Main product		Other Product. (Q)	
		Irrigated	Rainfed	Irrigated	Rainfed.	Irrigated	Rainfed	Irrigated	Rainfed
A	Kharif								
1	Paddy	240.75	711.36	18.00	8.00	4334	5691	4334	5691
2	Maize	80.25	--	12.00	--	963	--	1445	--
3	Arhar	--	237.12	--	5.00	--	1186	--	2964
4	Jowar/Bajra	--	118.56	--	8.00	--	948	--	1897
5	Urd/Moong	--	118.56	--	3.00	--	356	--	711
	Total	321.00	1185.60	--	--	5297	8181	5778	11263

S.No.	Crop	Area		Productivity		Production (Q)		Fodder/Fuel/	
		(ha)		(Q/ha)		Grain/Main product		Other Product. (Q)	
		Irrigated	Rainfed	Irrigated	Rainfed.	Irrigated	Rainfed	Irrigated	Rainfed
B	Rabi								
1	Wheat	291.04	815.10	18.00	6.00	5239	4891	6548	6113
2	Lentil	--	148.20	--	6.00	--	889	--	1112
3	Gram	--	222.30	--	4.00	--	889	--	1778
4	Pea	34.24	--	8.00	--	274	--	137	--
5	Mustard	--	296.40	--	4.00	--	1186	--	2371
6	Potato	17.12	--	175.00	--	2996	--	--	--
	Total	342	1482	--	--	8509	7855	6685	11374
Net Cultivable Area		2404 ha		Cropping Intensity %		139%			

Table 3.7: Horticulture Status

S.No.	Code of MWS	Name of MWS	Name of Important horticultural crop							
			Whole Fruit Crop				Scattered Fruit Crop			
			Name	Area (ha)	Productivity (q/ha)	Production (q)	Name	Nos.	Productivity (q/plant)	Production (q)
1	2B2G1h2a	MUSTFABAD	Anola	1.00	10.00	10.00	Anola	26	0.75	19.50
			Mango	0.25	30.00	7.50	Mango	15	0.8	12.00
			Guava	0.25	7.00	1.75	Guava	20	0.25	5.00
2	2B2G1h1e	RAHTIKAR	Anola	1.25	10.00	12.50	Anola	35	0.75	26.25
			Mango	0.00	30.00	0.00	Mango	12	0.8	9.60
			Guava	0.00	7.00	0.00	Guava	11	0.25	2.75

S.No.	Code of MWS	Name of MWS	Name of Important horticultural crop							
			Whole Fruit Crop				Scattered Fruit Crop			
			Name	Area (ha)	Productivity (q/ha)	Production (q)	Name	Nos.	Productivity (q/plant)	Production (q)
3	2B2G1h2b	RAMNAGAR COL	Anola	1.50	10.00	15.00	Anola	20	0.75	15.00
			Mango	0.50	30.00	15.00	Mango	12	0.8	9.60
			Guava	0.10	7.00	0.70	Guava	11	0.25	2.75
		Total		4.85		62.45		162		102.45

3.5: Live Stock:

The details of live stock and its productivity are given in Table 3.8 & 3.9.

Table 3.8: Details of Livestock Population

S. No.	Code of MWS	Name of MWS	Name of GP	Village	Cow		Buffalo		Ox/ Bull	Goat	Sheep	Piggeries	Poultry		
					Desi	Crossed	Desi	Murrah					Broiler	Layers	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	2B2G1h2a	MUSTFABAD	BARA	BARA	0	0	0	0	0	0	0	0	0	0	0
			BHAGAWANTPUR	BHAGAWANTPUR	80	3	50	9	10	225	40	20	0	60	60
			MUSTFABAD	MUSTFABAD	200	10	70	10	16	400	60	30	0	218	218
			RAKI	RAKI	220	5	170	10	8	160	60	20	0	170	170
				PARANIPUR	116		128		12	300	60	20	0	140	140
			Sub total		616	18	418	29	46	1085	220	90	0	588	588

S. No.	Code of MWS	Name of MWS	Name of GP	Village	Cow		Buffalo		Ox/ Bull	Goat	Sheep	Piggeries	Poultry		
					Desi	Crossed	Desi	Murrah					Broiler	Layers	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
2	2B2G1h1e	RAHTIKAR	NARVAL	NARVAL	87		90	5	12	200	25	10	0	50	50
				BALIPUR GONDWA	80	7	87	8	6	175	50	52	0		
			MUSTFABAD	MUSTFABAD	0	0	0	0	0	0	0	0	0	0	0
			RAHTIKAR	RAHTIKAR	242	10	171	8	14	20	0	70	0	10	10
			RAKI	RAKI	0	0	0	0	0	0	0	0	0	0	0
			Sub total		409	17	348	21	32	395	75	132	0	60	60
3	2B2G1h2b	RAMNAGAR COL	BARA	BARA	0	0	0	0	0	0	0	0	0	0	0
			BHAGAWANTPUR	BHAGAWANTPUR	0	0	0	0	0	0	0	0	0	0	0
			HAJIPUR	HAJIPUR	0	0	0	0	0	0	0	0	0	0	0
			MADHUKARPUR	MADHUKARPUR	195	10	70	6	6	400	55	215	0		
			MAHESHPUR	MAHESHPUR	105	20	125	10	12	350	30	45	0	50	50
			MUSTFABAD	MUSTFABAD	0	0	0	0	0	0	0	0	0	0	0
				RAMNAGAR COL	100	16	114	14	12	300	61	38	0	40	40
			Sub total		400	46	309	30	30	1050	146	298	0	90	90
			Grand Total		1425	81	1075	80	108	2530	441	520	0	738	738

Table.3.9: Details of Livestock Productivity

(all figures in nos.)

S. No.	Code of MWS	Name of MWS	Name of GP	Village	Milk Production(per Liter/day)				Goatry Weight	Poultry		Piggeries Weight
					Cows		Buffalos			Broiler Weight	Layers	
					Desi	Crossed	Desi	Murrah	Kg/goat			Kg/ Brl
1	2	3	4	5	6	7	8	9	10	11	12	13
1	2B2G1h2a	MUSTFABAD	BARA	BARA	0	0	0	0	0	0	0	0
			BHAGAWANTPUR	BHAGAWANTPUR	120	8	125	36	15-18	0	21	25-28
			MUSTFABAD	MUSTFABAD	300	25	175	40	12-15	0	76	22-25
			RAKI	RAKI	330	13	425	40	10-15	0	60	20-25
				PARANIPUR	174	0	320	0	12-15	0	49	25-28
			Sub total		924	45	1045	116	--	0	206	--
2	2B2G1h1e	RAHTIKAR	NARVAL	NARVAL	131	0	225	20	12-15	0	18	22-25
				BALIPUR GONDWA	120	18	218	32	10-15	0	0	20-25
			MUSTFABAD	MUSTFABAD	0	0	0	0	0	0	0	0
			RAHTIKAR	RAHTIKAR	363	25	428	32	15-18	0	4	25-28
			RAKI	RAKI	0	0	0	0	0	0	0	0
			Sub total		614	43	870	84	--	0	21	--
3	2B2G1h2b	RAMNAGAR COL	BARA	BARA	0	0	0	0	0	0	0	0
			BHAGAWANTPUR	BHAGAWANTPUR	0	0	0	0	0	0	0	0
			HAJIPUR	HAJIPUR	0	0	0	0	0	0	0	0
			MADHUKARPUR	MADHUKARPUR	293	25	175	24	0	0	0	25-28
			MAHESHPUR	MAHESHPUR	158	50	313	40	15-18	0	18	22-25
			MUSTFABAD	MUSTFABAD	0	0	0	0	0	0	0	0
				RAMNAGAR COL	150	40	285	56	10-15	0	14	25-28
			Sub total		600	115	773	120	--	0	32	--
Grand Total				2138	203	2688	320	--	0	258	--	

3.6: Livelihood Status:

The details of livelihood status of landless/assetless people and Present (for Farmers & others) are given below-

Table 3.10: Details of Livelihood Status of Landless/Assetless people (Pre Project status)

S. No.	Code of MWS	Name of MWS	Name of GP	Village	Name of Livelihood Activity	No. of house hold engaged				Pre project Average Income Rs/Yr/Person	Desired Activities	Expected Income from desired activities Rs/Year
						SC/ST	Gen.	OBC	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13
1	2B2G1h2a	MUSTFABAD	BARA	BARA	Labour	0	0	0	0	22500	A/H & ME	27000
			BHAGAWANTPUR	BHAGAWANTPUR	Labour	2	1	1	3	22040	A/H & ME	26448
			MUSTFABAD	MUSTFABAD	Labour	69	38	46	153	19850	A/H & ME	23820
			RAKI	RAKI	Labour	60	33	40	134	18880	A/H & ME	22656
				PARANIPUR	Labour	16	9	11	36	20600	A/H & ME	24720
			Sub total			147	82	98	326			
2	2B2G1h1e	RAHTIKAR	NARVAL	NARVAL	Labour	11	6	7	23	19850	A/H & ME	23820
				BALIPUR GONDWA	Labour	9	5	6	20	18880	A/H & ME	22656
			MUSTFABAD	MUSTFABAD	Labour	0	0	0	0	20600	A/H & ME	24720
			RAHTIKAR	RAHTIKAR	Labour	69	38	46	152	20600	A/H & ME	24720
			RAKI	RAKI	Labour	0	0	0	0	22500	A/H & ME	27000
			Sub total			88	49	59	196			
3	2B2G1h2b	RAMNAGAR COL	BARA	BARA	Labour	0	0	0	0	19850	A/H & ME	23820
			BHAGAWANTPUR	BHAGAWANTPUR	Labour	0	0	0	0	18880	A/H & ME	22656
			HAJIPUR	HAJIPUR	Labour	0	0	0	0	20600	A/H & ME	24720
			MADHUKARPUR	MADHUKARPUR	Labour	16	9	10	35	22040	A/H & ME	26448
			MAHESHPUR	MAHESHPUR	Labour	12	7	8	28	19850	A/H & ME	23820
			MUSTFABAD	MUSTFABAD	Labour	0	0	0	0	18880	A/H & ME	22656
				RAMNAGAR COL	Labour	9	5	6	20	20600	A/H & ME	24720
			Sub total			37	21	25	82			
Grand Total			272	151	181	605						

Table 3.11: Details of Livelihood Status Other Farmers

S. No.	Code of MWS	Name of MWS	Name of GP	Village	Name of Livelihood Activity	No. of house hold engaged				Pre project Average Income Rs/Yr/ Person	Desired Activities	Expected Income from desired activities Rs/Year
						SC/ ST	Gen.	OBC	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13
1	2B2G1h2a	MUSTFABAD	BARA	BARA	Ag. & A/H	0	0	0	0	58880	Crop Demo, Seed Prod., ME	70656
			BHAGAWANT-PUR	BHAGAWANT-PUR	Ag. & A/H	50	28	33	111	40600	Crop Demo, Seed Prod., ME	48720
			MUSTFABAD	MUSTFABAD	Ag. & A/H	2226	1237	1484	4947	44040	Crop Demo, Seed Prod., ME	52848
			RAKI	RAKI	Ag. & A/H	1948	1082	1298	4328	59850	Crop Demo, Seed Prod., ME	71820
				PARANIPUR	Ag. & A/H	525	292	350	1167	58880	Crop Demo, Seed Prod., ME	70656
			Sub total			4749	2638	3166	10553			
2	2B2G1h1e	RAHTIKAR	NARVAL	NARVAL	Ag. & A/H	340	189	227	757	40600	Crop Demo, Seed Prod., ME	48720
				BALIPUR GONDWA	Ag. & A/H	295	164	196	655	44500	Crop Demo, Seed Prod., ME	53400
			MUSTFABAD	MUSTFABAD	Ag. & A/H	0	0	0	0	44040	Crop Demo, Seed Prod., ME	52848
			RAHTIKAR	RAHTIKAR	Ag. & A/H	2218	1232	1479	4929	59850	Crop Demo, Seed Prod., ME	71820
			RAKI	RAKI	Ag. & A/H	0	0	0	0	58880	Crop Demo, Seed Prod., ME	70656
			Sub total			2853	1585	1902	6340			
3	2B2G1h2b	RAMNAGAR COL	BARA	BARA	Ag. & A/H	0	0	0	0	44040	Crop Demo, Seed Prod., ME	52848
			BHAGAWANT-PUR	BHAGAWANT-PUR	Ag. & A/H	0	0	0	0	59850	Crop Demo, Seed Prod., ME	71820

S. No.	Code of MWS	Name of MWS	Name of GP	Village	Name of Livelihood Activity	No. of house hold engaged				Pre project Average Income Rs/Yr/ Person	Desired Activities	Expected Income from desired activities Rs/Year
						SC/ ST	Gen.	OBC	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13
			HAJIPUR	HAJIPUR	Ag. & A/H	0	0	0	0	58880	Crop Demo, Seed Prod., ME	70656
			MADHUKARPUR	MADHUKAR- PUR	Ag. & A/H	502	279	335	1116	40600	Crop Demo, Seed Prod., ME	48720
			MAHESHPUR	MAHESHPUR	Ag. & A/H	403	224	269	895	40600	Crop Demo, Seed Prod., ME	48720
			MUSTFABAD	MUSTFABAD	Ag. & A/H	0	0	0	0	44040	Crop Demo, Seed Prod., ME	52848
				RAMNAGAR COL	Ag. & A/H	292	162	194	648	59850	Crop Demo, Seed Prod., ME	71820
			Sub total			1197	665	798	2660			
			Grand Total			8799	4888	5866	19552			

Table 3.12: Details of Present Livelihood Status

S. No.	Code & Name of MWS	Name of GP	Village	(Income in Lacs Rs./Yr)															
				Activities															
				Dairy		Backyard Poultry		Goatry		Piggeries		Black Smithy		Carpentry		Stitching/ knitting		Wages	
				No of Animal's	Avg income (in Lakhs)	No. of Birds	Avg income (in Lakhs)	No of Animal's	Avg income (in Lakhs)	No of Animal's	Avg income (in Lakhs)	No	Avg income (in Lakhs)	No	Avg income (in Lakhs)	No	Avg income (in Lakhs)	No	Avg income (in Lakhs)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2B2G1h2a MUSTFABAD	BARA	BARA	0	0.00	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
		BHAGAWANTPUR	BHAGAWANTPUR	142	5.77	21	0.023	225	6.75	20	0.80	2	0.90	2	0.90	20	2.16	19	2.28
		MUSTFABAD	MUSTFABAD	290	10.80	76	0.082	400	12.00	30	1.20	2	0.90	2	0.90	19	2.05	18	2.16

S. No.	Code & Name of MWS	Name of GP	Village	Activities															
				Dairy		Backyard Poultry		Goatry		Piggeries		Black Smithy		Carpentry		Stitching/ knitting		Wages	
				No of Animal's	Avg income (in Lakhs)	No. of Birds	Avg income (in Lakhs)	No of Animal's	Avg income (in Lakhs)	No of Animal's	Avg income (in Lakhs)	No	Avg income (in Lakhs)	No	Avg income (in Lakhs)	No	Avg income (in Lakhs)	No	Avg income (in Lakhs)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
		RAKI	RAKI	405	16.15	60	0.064	160	4.80	20	0.80	3	1.35	4	1.80	18	1.94	20	2.40
			PARANIPUR	244	9.88	49	0.053	300	9.00	20	0.80	2	0.90	4	1.80	14	1.51	16	1.92
		Sub total		1081	42.60	206	0.222	1085	32.55	90	3.60	9	4.05	12	5.40	71	7.67	73	8.76
2	2B2G1h1e RAHTIKAR	NARVAL	NARVAL	182	7.51	18	0.019	200	6.00	10	0.40	1	0.45	2	0.90	16	1.73	16	1.92
			BALIPUR GONDWA	182	7.74	0	0.000	175	5.25	52	2.08	1	0.45	2	0.90	15	1.62	17	2.04
		MUSTFABAD	MUSTFABAD	0	0.00	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
		RAHTIKAR	RAHTIKAR	431	16.95	4	0.004	20	0.60	70	2.80	1	0.45	6	2.70	17	1.84	21	2.52
		RAKI	RAKI	0	0.00	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
		Sub total		795	32.20	21	0.023	395	11.85	132	5.28	3	1.35	10	4.50	48	5.18	54	6.48
3	2B2G1h2b RAMNAGAR COL	BARA	BARA	0	0.00	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
		BHAGAWANT-PUR	BHAGAWANT-PUR	0	0.00	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
		HAJIPUR	HAJIPUR	0	0.00	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
		MADHUKARPUR	MADHUKARPUR	281	10.33	0	0.000	400	12.00	215	8.60	2	0.90	2	0.90	17	1.84	18	2.16
		MAHESHPUR	MAHESHPUR	260	11.20	18	0.019	350	10.50	45	1.80	3	1.35	3	1.35	23	2.48	17	2.04
		MUSTFABAD	MUSTFABAD	0	0.00	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
			RAMNAGAR COL	244	10.62	14	0.015	300	9.00	38	1.52	2	0.90	5	2.25	14	1.51	16	1.92
		Sub total		785	32.15	32	0.034	1050	31.50	298	11.92	7	3.15	10	4.50	54	5.83	51	6.12
Grand Total				2661	106.95	258	0.279	2530	75.90	520	20.80	19	8.55	32	14.40	173	18.68	178	21.36

Table 3.13: Ground Water Status

S.No.	Code of MWS	Name of MWS	Name of GP	Village	Depth of Ground Water Table (Below Ground level) in Meter		No. of Observation wells
					Before Monsoon	After Monsoon	
1	2	3	4	5	6	7	8
1	2B2G1h2a	MUSTFABAD	BARA	BARA	16	15	1
			BHAGAWANTPUR	BHAGAWANTPUR	15	13	2
			MUSTFABAD	MUSTFABAD	17	16	1
			RAKI	RAKI	15	14	1
				PARANIPUR	15	14	2
			Average/sum		15.60	14.40	7
2	2B2G1h1e	RAHTIKAR	NARVAL	NARVAL	16	14	2
				BALIPUR GONDWA	16	14	1
			MUSTFABAD	MUSTFABAD	17	15	1
			RAHTIKAR	RAHTIKAR	16	14	2
			RAKI	RAKI	15	13	2
			Average/sum		16.00	14.00	8
3	2B2G1h2b	RAMNAGAR COL	BARA	BARA	16	14	1
			BHAGAWANTPUR	BHAGAWANTPUR	15	13	1
			HAJIPUR	HAJIPUR	16	15	2
			MADHUKARPUR	MADHUKARPUR	17	15	2
			MAHESHPUR	MAHESHPUR	15	13	1
			MUSTFABAD	MUSTFABAD	17	15	2
				RAMNAGAR COL	17	15	2
			Average/sum		16.14	14.29	11
			Average/sum (Project)		15.91	14.23	26

Table 3.14: Irrigation/Cultivation Status

S.No.	Code of MWS	Name of MWS	Gross Cultivated Area				Net Cultivated Area	Gross Irrigated Area				Net Irrigated Area	Net Rainfed Area
			Kharif	Rabi	Zaid	Total		Kharif	Rabi	Zaid	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	2B2G1h2a	Mustfabad	413	500	0	913	659	89	94	0	183	118	541
2	2B2G1h1e	Rahtikar	767	946	0	1712	1255	68	72	0	140	90	1165
3	2B2G1h2b	Ramnagar col	327	379	0	706	490	165	176	0	341	220	270
		Total	1507	1824	0	3331	2404	321	342	0	663	428	1976

Table 3.15: Irrigation Area (source wise)

S. No	Code of MWS	Name of MWS	Name of GP	Village	Canal Area	State Tube wells		Tanks		Open well		Bore wells		Lift irrigation		Others (Specify)		Total Irrigated
					ha	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	2B2G1h2a	MUSTFABAD	BARA	BARA	10	-	-	-	-	-	-	38	80	-	-	-	-	90
			BHAGAWANT PUR	BHAGAWANT-PUR	-	-	-	-	-	-	-	-	-	-	-	-	-	0
			MUSTFABAD	MUSTFABAD	-	-	-	-	-	-	-	3	11	-	-	-	-	11
			RAKI	RAKI	-	-	-	-	-	-	-	2	5	-	-	-	-	5
				PARANIPUR	-	-	-	-	-	-	-	3	10	-	-	-	-	10
			sub total		10	0	0	0	0	0	0	46	106	0	0	0	0	116

S. No	Code of MWS	Name of MWS	Name of GP	Village	Canal Area	State Tube wells		Tanks		Open well		Bore wells		Lift irrigation		Others (Specify)		Total Irrigated
					ha	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
2	2B2G1h1e	RAHTIKAR	NARVAL	NARVAL	-	-	-	-	-	-	-	3	10	-	-	-	-	10
				BALIPUR GONDWA	-	-	-	-	-	-	-	4	15	-	-	-	-	15
			MUSTFABAD	MUSTFABAD	20	-	-	-	-	-	-	3	10	-	-	-	-	30
			RAHTIKAR	RAHTIKAR	-	-	-	-	-	-	-	4	15	-	-	-	-	15
			RAKI	RAKI	-	-	-	-	-	-	-	6	20	-	-	-	-	20
			sub total		20	0	0	0	0	0	0	20	70	0	0	0	0	90
3	2B2G1h2b	RAMNAGAR COL	BARA	BARA	-	-	-	-	-	-	-	-	-	-	-	-	-	0
			BHAGAWANT-PUR	BHAGAWANT-PUR	-	-	-	-	-	-	-	4	15	-	-	-	-	15
			HAJIPUR	HAJIPUR	-	-	-	-	-	-	-	9	26	-	-	-	-	26
			MADHUKAR-PUR	MADHUKAR-PUR	-	-	-	-	-	-	-	35	88	-	-	-	-	88
			MAHESHPUR	MAHESHPUR	-	-	-	-	-	-	-	29	73	-	-	-	-	73
			MUSTFABAD	MUSTFABAD	-	-	-	-	-	-	-	2	5	-	-	-	-	5
				RAMNAGAR COL	-	-	-	-	-	-	-	3	10	-	-	-	-	10
			sub total		0	0	0	0	0	0	0	82	217	0	0	0	0	217
			Grand Total		30	0	0	0	0	0	0	148	393	0	0	0	0	423

CHAPTER-4

INSTITUTIONAL BUILDING AND PROJECT MANAGEMENT

4.1: Project Implementing Agency

The Project Implementing Agencies (PIA) is selected by state level Nodal Agency (SLNA) for Integrated Watershed Management Programme (IWMP) in Pratapgarh District of U.P. The PIA is responsible for implementation of Watershed Program. The PIA for IWMP in Pratapgarh District is Bhoomi Sanrakshan Adhikari (BSA), Land Development & Water Resources..

Table 4.1: Details of Project Implementing Agency (PIA)

S. No.	Particulars of PIA	
1	2	3
(i)	Date of selection of PIA	28.10.2010
(ii)	Type of organization	Line Dept.
(iii)	Name of organization	Dept. of Land Development & Water Resource
(iv)	Designation & Address	Bhumi Sanrakshan Adhikari, LDWR, Pratapgarh
(v)	Telephone/Mob.No.	0534-2224144
(vi)	E-mail	Bsaldwrpr-up@nic.in

Table 4.2: Details of Staff at PIA

S. No.	Name	M/F	Designation	Qualification	Experience Period
1	Sri Rajendra Singh	M	B.S.A.	Diploma in Ag. Engg.	32
2	Sri H.N. Singh	M	J.E.	Diploma in Civil Engg.	30
3	Sri R.S. Yadav	M	J.E.	Diploma in Civil Engg.	28
4	Sri I.S. Singh	M	J.E.	Diploma in Ag. Engg.	28
5	Sri S.H. Srivastava	M	Accountant	M.com, L.L.B.	30
6	Sri Rajitram	M	A.S.C.I.	M.Sc. (Ag)	8
7	Sri Rajesh Kumar	M	A.S.C.I.	B.Sc. (Ag)	8
8	Sri V.S. Kanaujiya	M	Draft Man	Diploma in Draft man	30
9	Sri Ramsajeevan Chaudhary	M	Tracer	Intermediate	31
10	Smt. Rambeti	M	"	Intermediate	7
11	Sri Ramsuchit Yadav	M	Irrigation Supervisor	Intermediate	29
12	Sri Lalbahadur Singh	M	"	B.A.	29
13	Sri Asharfi Lal Maurya	M	"	Intermediate	25
14	Sri Ramdeen Yadav	M	"	B.A.	27
15	Sri Jangbahadur Singh	M	Jiledar	B.A.	30
16	Sri Parasuram Singh	M	"	Intermediate	29
17	Sri Om Prakash Srivastava	M	Munshi	Intermediate	29
18	Sri Abdul Samad	M	"	B.A.	26
19	Sri Rajkumar Singh	M	Sinchpal	Intermediate	26
20	Sri Harsupati	M	"	B.Sc. (Ag)	25
21	Mohd. Tayyab	M	"	B.A.	26
22	Sri Ravindra Pratap	M	"	B.A.	26

Table 4.3: Details of Watershed Development Team (WDT)

S. No.	Name	M/F	Designation	Qualification	Field of Experience & Period	Roll/Function
1	Sri Rajit Ram	M	WDT	M.Sc. (Ag)	8	Watershed Management
2	Sri Rajesh Kumar	M	WDT	B.Sc.(Ag)	8	Watershed Management
3	Sri Sarvesh Kumar	M	WDT	M.Sc. (Soil Science)	5	Watershed Management
4	Smt Uttama Singh	F	WDT	B.A. Sociology	3	Social Mobilization

Table 4.4: Details of Watershed Committee (WC)

S.No.	Name of GP	Name/ Father or Husband's name	Designation	M/F	SC/ST/ Others	SF/MF/ LF/LL	UG/ SHG / GP/Other	Educational qualification
1	2	3	4	5	6	7	8	9
1	MUSTFABAD	MAHENDRA SINGH	PRESIDENT	M	OTHER	SF	GP	INTERMEDIATE
		KARUNESH BAHADUR SINGH	SECRETARY	M	OTHER	SF	GP	H.Sc.
		SMT. SAMPATA	MEMBER	F	OTHER	MF	SHG	LITERATE
		RAMASHANKAR SAROJ	MEMBER	M	SC	MF	UG	LITERATE
		TRIBHUVAN PANDEY	MEMBER	M	OTHER	MF	UG	LITERATE
		RAM SAJEEVAN	MEMBER	M	OTHER	MF	SHG	LITERATE
		MEGHRAJ	MEMBER	M	OTHER	LL	SHG	LITERATE

S.No.	Name of GP	Name/ Father or Husband's name	Designation	M/F	SC/ST/ Others	SF/MF/ LF/LL	UG/ SHG / GP/Other	Educational qualification
1	2	3	4	5	6	7	8	9
		SHYAM SHANKAR SHUKLA	MEMBER	M	OTHER	MF	OTHER	LITERATE
		VISHWANATH	MEMBER	M	OTHER	MF	OTHER	LITERATE
		SHAIENDRA SINGH	MEMBER	M	OTHER	MF	OTHER	LITERATE
		RAKESH KUMAR	MEMBER	M			WDT	Graduate
2	RAHTIKAR	SMT. SATYAWATI PAL	PRESIDENT	M	OTHER	SF	GP	INTERMEDIATE
		AMIT SINGH	SECRETARY	M	OTHER	SF	GP	INTERMEDIATE
		SMT. DULARA	MEMBER	F	OTHER	MF	SHG	LITERATE
		RAMSUKH	MEMBER	M	SC	MF	UG	LITERATE
		JAMUNA	MEMBER	M	OTHER	LL	SHG	LITERATE
		KAMLESH SINGH	MEMBER	M	OTHER	MF	SHG	LITERATE
		RAM CHANDRA	MEMBER	M	OTHER	MF	OTHER	LITERATE
		VIJAIBHAN SINGH	MEMBER	M	OTHER	MF	OTHER	LITERATE
		JAISINGH	MEMBER	M	OTHER	MF	OTHER	LITERATE
		RAMASHAREY	MEMBER	M	OTHER	MF	OTHER	LITERATE
		RAKESH KUMAR	MEMBER	M			WDT	Graduate
3	RAKI	Chedilal	President	M	other	MF	UG	Intermediate
		RamShanker	Secretary	M	other	SF	UG	Intermediate
		Avdhesh Bahadur Singh	Member	M	other	SF	UG	Literate
		Jyoti Singh	Member	F	other	LF	SHG	Literate
		Sonam	Member	F	other	SF	SHG	Literate

S.No.	Name of GP	Name/ Father or Husband's name	Designation	M/F	SC/ST/ Others	SF/MF/ LF/LL	UG/ SHG / GP/Other	Educational qualification
1	2	3	4	5	6	7	8	9
		Balram	Member	M	SC	SF	Others	Literate
		Bahagwanan	Member	M	Other	LL	SHG	Literate
		Sunil	Member	M	Other	MF	Others	Literate
		R.S.Yadav	Member	M	Other		Work Incharge	Graduate
		I.S.Singh	Member	M	Other		W.D.T	Graduate
4	NARWAL	Balram Singh	President	M	other	LF	GP	Graduate
		SuryaPrakash	Secretary	M	other	MF	UG	Graduate
		Govind Singh	Member	M	other	LF	UG	Literate
		Arachana Singh	Member	F	other	MF	SHG	Literate
		Dev Deen	Member	F	other	SF	SHG	Literate
		Foolchand	Member	M	SC	SF	Others	Literate
		Geeta Singh	Member	M	Other	LL	SHG	Literate
		Kamlesh	Member	M	Other	SF	Others	Literate
		L.B.Singh	Member	M	Other		Work Incharge	Graduate
		I.S.Singh	Member	M	Other		W.D.T	Graduate

- M- Male, F- Female, SF- Small Farmer, MF- Marginal Farmer, LF- Large Farmer, LL- Landless, GP- Gram Panchayat, UG – User Group, SHG- Self help group

4.2: User Group (UG)

User Groups are formed to manage an activity or asset created under the programme on a long term basis. The user groups will collect user charges from their members, oversee the works, manage the CPRs and benefits.

Table 4.5: Details of User Groups

S. No.	Code of User Group	Name of Gram Pnchayat	Total No. of Members	Name of Bank & Address	A/c No. & Date	Upto date saving	Group Activity	Status of Agreement
1	ECD01	Mustafabad	21	-	-	-	-	-
2	ECD03	Mustafabad	24	-	-	-	-	-
3	ECD10	Mustafabad	4	-	-	-	-	-
4	ECD11	Mustafabad	5	-	-	-	-	-
5	PND01	Nerwal	13	-	-	-	-	-
6	PND01	Raki	15	-	-	-	-	-
7	PND02	Nerwal	12	-	-	-	-	-
8	PND02	Raki	11	-	-	-	-	-
9	PND03	Rahatikar	9	-	-	-	-	-
10	PND03	Raki	14	-	-	-	-	-
11	PND04	Rahatikar	10	-	-	-	-	-
12	PND04	Raki	8	-	-	-	-	-
13	PND05	Rahatikar	9	-	-	-	-	-
14	PND05	Raki	9	-	-	-	-	-
15	PND06	Raki	8	-	-	-	-	-
16	PND07	Raki	12	-	-	-	-	-

4.3: Self Help Group (SHG)

Self help group is motivated homogenous group organized through credit and thrift activities. Self help group especially for women help and uplift their livelihood. Generally self help group formed for the landless/assetless, SC/ST and women.

Table 4.6: Details of Self Help Groups

S. N.	MWs Code	Name of MWS	Name of GP	Village	Name of SHG	Date of Constitution	Name of President	Name of Secretary	Total No. of Members				Bank/ Address & A/c No	Saving upto..	Group Activity
									Women	SC/ ST	Others	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	2B2G1h1e	RAHTIKAR	RAHTIKAR	RAHTIKAR	JAI AMBEY	--	KAMLESH SINGH	SHUBHAM SHEKHAR		2	8	10	--	--	A/H & ME
2			RAHTIKAR	RAHTIKAR	JAI MA DURGE	--	URMILA SINGH	JAYA SINGH	2	2	6	10	--	--	A/H & ME
3			RAHTIKAR	RAHTIKAR	VIKAS	--	SHYAM LAL	SHIV RAM		8	2	10	--	--	A/H & ME
4			MUSTFABAD	MUSTFABAD	VAIBHAV LAXMI	--	RAM SAJEEVAN	SUMAN		2	8	10	--	--	A/H & ME
5			MUSTFABAD	MUSTFABAD	JAI AMBE	--	SHAILENDRA Kr. SINGH	NOHARI LAL		3	8	11	--	--	A/H & ME
6	2B2G1h2a	MUSTFABAD	MUSTFABAD	MUSTFABAD	KHWAJA	--	MATEEN AHMAD	MUKEED AHMAD		1	8	9	--	--	A/H & ME
7			NARVAL	BALIPUR GONDWA	ASHTHA	--	RAM KUMAR	MAHESH	2	2	6	10	--	--	A/H & ME
8			RAKI	RAKI	DURGA	--	SHEELA DEVI	MAMTA	2	2	6	10	--	--	A/H & ME
9				PARANIPUR	SHRADHA	--	RANI	RAKHI	5	2	3	11	--	--	A/H & ME
10	2B2G1h2b	RAMNAGAR COL	MUSTFABAD	RAMNAGAR COL	KRISHAK	--	PARAM-VEER	RAM KUMAR KORI		3	7	10	--	--	A/H & ME
11					JAGRITI	--	DINANATH	ABHISHEK	2	2	7	11	--	--	A/H & ME

S. N.	MWs Code	Name of MWS	Name of GP	Village	Name of SHG	Date of Constitution	Name of President	Name of Secretary	Total No. of Members				Bank/ Address & A/c No	Saving upto..	Group Activity
									Women	SC/ ST	Others	Total			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
12					KRISHNA	--	RAKESH	AVINASH	2	2	6	10	--	--	A/H & ME
13					MAHILA VIKAS	--	SHEELA	RUCHI	2	2	6	10	--	--	A/H & ME
								Total	17	33	81	132			

Before the formation of SHGs, PRA activities & Group discussions (GDs) is organised with the help of women, which came up with the following observations:-

- Lack of proper credit facilities due to low intervention of formal financial credit institutions.
- Excessive exploitation of weaker section by money lenders and also Lack of attitude for saving among poor people.
- Lack of Knowledge on credit, thrift activity and banking.

With a detailed discussion identified training institutes, NGOs working in the area it was planned to provide capacity building to SHGs to promote livelihood activities with an aim to women empowerment also.

4.4: Convergence in IWMP-2nd :

Several programmes are running in the areas which are sponsored by State of U.P. & Central Govt of India. Some of them are given below-

Table 4.7: List of State/Central Govt. Schemes

S.No.	Name of Programme	Implementing Agency	Objectives
1	Training Programme	Ag. Department & KVK	Capacity building of the farmers
2	National Horticulture Mission	Horticulture Department	Increasing the area & Productivity of Products under fruits and vegetables
3	MNREGA	Gram Panchayat	To provide 100 days employment work to the villagers to avoid migration
4	Animal Husbandry	U.P. Animal Husbandry Dept.	To improve the productivity of animals.
5	NABARD	Ag. Department	Soil & Water conservation & Watershed Development

Table 4.8: Details of Convergence of IWMP-2nd with other Schemes

S. No.	Code of MWS	Project Cost (Rs.)	Treatable Area (ha.)	Budget (Rs.)	Convergence Amt. (Rs.)	%age	Name of Schemes for Converging with IWMP-2 nd	Remarks
1	All 03MWS	177.635	2176	146.227	31.408	21.479	MNREGA	For Natural resource management (Soil & Water conservation Structures)

CHAPTER-5

MANAGEMENT ACTION PLAN

The details of Preparatory Phase, Work Phase and Convergence Planning are described in subsequent sections.

5.1: Entry Point Activity (EPA):

Entry point activities are executed with the consent of stake holders and it helps in winning the confidence of the villagers for moving ahead the other programmes of watershed.

Table 5.1: Details of EPA

S. No.	Block	Code of MWS	Name of MWS	Name of GP	No. of EPA		Name of EPA	Location/ Village	Cost
					Target	undertaken			
1	2	3	4	5	6	7	8	9	10
1	Sangipur	2B2G1h2a	MUSTFABAD	PARANIPUR	12	12	HANDPUMP BATHROOM SOAKPIT	RAHTIKAR	3.74
2		2B2G1h1e	RAHTIKAR	MUSTFABAD	15	15	HANDPUNP BATHROOM SOAKPIT	MUSTFABAD	3.62
3		2B2G1h2b	RAMNAGAR COL	RAMNAGAR COL	7	7	HANDPUMP BATHROOM SOAKPIT	RAMNAGAR COL	3.08
		TOTAL			34	34			10.44

5.2 Work Phase:

Following are the major problems of the watershed:-

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

Watershed Development Activities Proposed:

The details of the activities of watershed works are given in Table 5.3.

Table 5.2: Micro Watershed wise details of Watershed Development Activities proposed in IWMP-2ND

(Cost in Rs)

S.No	Particular of Measures/Activities	Unit	2B2G1h1e / Rahtikar		2B2G1h2a / Mustafabad		2B2G1h2b / Ramnagar col		Total	
			Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt
1.1	Land Development (Productive use):									
	1.1.1 Afforestation	ha								
	(a) Block Plantation	ha	5.886	282823	1.859	89279	2.197	105586		
	(b) Scattered Plantation	ha	4.672	224473	1.481	71139			6.153	295612
	1.1.2 Horticulture	ha								
	1.1.3 Agriculture	ha								
	1.1.4 Pasture	ha								
	1.1.5 Others	ha								
	Sub Total			507296		160418		105586		773300
1.2	Soil & Moisture Conservation									
	1.2.1 Straggred trenching	ha								
	1.2.2 Countour Bunding	ha	470.57	991742	306.17	777574	108.6	280451	885.34	2049767
	1.2.3 Graded Bunding									
	1.2.4 Bench Terracing	ha								
	1.2.5 Others	ha	95.44	1517399	16.45	350564	24.06	573856	135.95	2441819
	(a) Marginal Bund	ha	215.34	1261265	45.05	333525	67.77	421394	328.16	2016184
	(b) Peripheral Bund	ha	82.57	419995	36.3	256602	41.83	225590	160.7	902187
	(c) Submergence Bund	ha								
	(d) Check Road Bund	ha	233.77	2653174	92.86	1227931	60.73	743938	387.36	4625043
	Sub Total			6843575		2946196		2245229		12035000
1.3	Vegetative and Engineering Structure:									
	1.3.1 Earthen Checks	ha								
	1.3.2 Brushwood Checks	ha								
	1.3.3 Gully Plugs	ha								
	1.3.4 Loose bolder	ha								
	1.3.5 Gabian structure	ha								

S.No	Particular of Measures/Activities	Unit	2B2G1h1e / Rahtikar		2B2G1h2a / Mustafabad		2B2G1h2b / Ramnagar col		Total	
			Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt
	1.3.6 Others	ha								
1.4	Water Harvesting Structure(New Created):									
	1.4.1 Form Ponds (Treat area/EW)	cum								
	1.4.2 Check Dams	No								
	1.4.3 Nallah Bunds / ECD	cum								
	1.4.4 Percolation tanks	cum								
	1.4.5 Ground Water recharge structure	cum								
	1.4.6 Others /WHB	cum								
1.5	Water Harvesting Structure(Renovated):									
	1.5.1 Form Ponds	ha/cum	182.33/44471	3016773	81.38/27871	1938431				4955204
	1.5.2 Check Dams	cum								
	1.5.3 Nallah Bunds	cum								
	1.5.4 Percolation tanks	cum								
	1.5.5 Ground Water recharge structure	cum								
	1.5.6 Others	cum								
	Sub Total			3016773		1938431		0		4955204
	Grand Total			10367644		5045045		2350815		17763504
	Convergence (MANREGA)			1698844		1140725		301215		3140784
	IWMP			8668800		3904320		2049600		14622720

Table 5.3: Gram Panchayat wise details of Watershed Development Activities proposed in IWMP-2nd

S.No	Particular of Measures/Activities	Unit	Mustafabad		Nerwal		Rahatkar		Raki		Total	
			Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt
1.1	Land Development (Productive use):											
	1.1.1 Afforestation	ha										
	(a) Block Plantation	ha	6.619	318049	0.783	37627	0.964	46276	1.576	75736	9.942	477688
	(b) Scattered Plantation	ha										
	1.1.2 Horticulture	ha	4.218	202700	0.758	36395	0.294	14145	0.883	42372	6.153	295612
	1.1.3 Agriculture	ha										
	1.1.4 Pasture	ha										
	1.1.5 Others	ha										
	Sub Total			520749		74022		60421		118108		773300
1.2	Soil & Moisture Conservation											
	1.2.1 Straggred trenching	ha										
	1.2.2 Countour Bunding	ha	391.25	941728	121.1	255258	164.27	346160	208.72	506621	885.34	2049767
	1.2.3 Graded Bunding											
	1.2.4 Bench Terracing	ha										
	1.2.5 Others	ha	135.95	2441819							135.95	2441819
	(a) Marginal Bund	ha	257.05	1608205	8.53	52838	31.47	164381	31.12	190760	328.17	2016184
	(b) Peripheral Bund	ha	117.04	654306			30.93	156506	12.73	91375	160.7	902187
	(c) Submergence Bund	ha										
	(d) Check Road Bund	ha	171.9	2081804	86.64	988202	49.75	566200	79.08	988837	387.37	4625043
	Sub Total			7727862		1296298		1233247		1777593		12035000
1.3	Vegetative and Engineering Structure:											
	1.3.1 Earthen Checks	ha										
	1.3.2 Brushwood Checks	ha										
	1.3.3 Gully Plugs	ha										
	1.3.4 Loose bolder	ha										
	1.3.5 Gabian structure	ha										
	1.3.6 Others	ha										

S.No	Particular of Measures/Activities	Unit	Mustafabad		Nerwal		Rahatkar		Raki		Total	
			Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt
1.4	Water Harvesting Structure(New Created):											
	1.4.1 Form Ponds (Treat area/EW)	cum										
	1.4.2 Check Dams	No										
	1.4.3 Nallah Bunds / ECD	cum										
	1.4.4 Percolation tanks	cum										
	1.4.5 Ground Water recharge structure	cum										
	1.4.6 Others /WHB	cum										
1.5	Water Harvesting Structure(Renovated):											
	1.5.1 Form Ponds	ha/cum			38.53/9396	678364	88.99/21705	1440408	136.2/41240	2836432		4955204
	1.5.2 Check Dams	cum										
	1.5.3 Nallah Bunds	cum										
	1.5.4 Percolation tanks	cum										
	1.5.5 Ground Water recharge structure	cum										
	1.5.6 Others	cum										
	Sub Total			0		678364		1440408		2836432		4955204
	Grand Total			8248611		2048684		2734076		4732133		17763504
1.6	Livelihood											
	Activity Name											
	1.6.1 Backyard poultry	No	25	0.5	10	0.2	7	0.14	12	0.24	54	1.08
	1.6.2 Bee keeping	No	10	1.5							10	1.5
	1.6.3 Blacksmith	No	15	1.5	2	0.2	4	0.4	4	0.4	25	2.5
	1.6.4 Carpentry	No	10	1	5	0.5	4	0.4	4	0.4	23	2.3
	1.6.5 Cycle Shop	No	15	1.5	6	0.6	10	1	8	0.8	39	3.9
	1.6.6 Dairy	No			2	0.5			2	0.5	4	1
	1.6.7 Genaral Shop	No	10	2					4	0.8	14	2.8
	1.6.8 Goatry (02 Goat/Unit)	No	37	2.22	15	0.9	22	1.32	16	0.96	90	5.4
	1.6.9 Piggeries (01 pair of Male/Female)	No	10	0.6	6	0.36	5	0.3	4	0.24	25	1.5
	1.6.10 Tailoring	No	6	0.48	5	0.4	4	0.32	4	0.32	19	1.52

S.No	Particular of Measures/Activities	Unit	Mustafabad		Nerwal		Rahatkar		Raki		Total	
			Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt
			138	11.3	51	3.66	56	3.88	58	4.66	303	23.5
	Production System											
1.7	Crop Demonstration											
	Activity Name											
	1.7.1 Horticulture-Agro Horticulture	No	15	0.75	4	0.2	4	0.2	4	0.2	27	1.35
	1.7.2 Kharif-Arahar	No	12	0.08256	6	0.04128	7	0.04816	4	0.02752	29	0.19952
	1.7.3 Forestry-Block plantation	No	2	0.2	2	0.2	2	0.2	2	0.2	8	0.8
	1.7.4 Kharif-Jowar	No							6	0.04422	6	0.04422
	1.7.5 Rabi-Lentil	No	12	0.16872	6	0.08436	8	0.11248	6	0.08436	32	0.44992
	1.7.6 Kharif-Maize	No	12	0.25512	6	0.12756	4	0.08504	4	0.08504	26	0.55276
	1.7.7 Rabi-Mustard	No	12	0.08652	6	0.04326	8	0.05768	6	0.04326	32	0.23072
	1.7.8 Kharif-Paddy	No	20	0.2946	10	0.1473	16	0.23568	11	0.16203	57	0.83961
	1.7.9 Rabi-Pea	No	12	0.30624	10	0.2552	8	0.20416	6	0.15312	36	0.91872
	1.7.10 Forestry-Scattered plantation	No	15	0.75	4	0.2	4	0.2	4	0.2	27	1.35
	1.7.11 Horticulture-Veg/Fruit plantation	No	4	0.6	2	0.3	2	0.3	2	0.3	10	1.5
	1.7.12 Rabi-Wheat	No	18	0.41184	10	0.2288	16	0.36608	13	0.29744	57	1.30416
1.8	Seed Distribution											
	Activity Name											
	1.8.1 Kharif-Arahar	No.	44	0.132	10	0.03	15	0.045	15	0.045	84	0.252
	1.8.2 Rabi-Barseem	No.	15	0.216	10	0.144	3	0.0432	5	0.072	33	0.4752
	1.8.3 Kharif-Jowar	No.	25	0.04	10	0.016	15	0.024	15	0.024	65	0.104
	1.8.4 Kharif-Maize	No.	25	0.140625	10	0.05625	15	0.084375	15	0.084375	65	0.365625
	1.8.5 Rabi-Mustard	No.	30	0.02025	15	0.010125	15	0.010125	15	0.010125	75	0.050625
	1.8.6 Kharif-Paddy	No.	30	0.12	30	0.12	20	0.08	15	0.06	95	0.38
	1.8.7 Rabi-Pea	No.	20	0.39	10	0.195	15	0.2925	15	0.2925	60	1.17
	1.8.8 Rabi-Wheat	No.	40	0.33	20	0.165	30	0.2475	30	0.2475	120	0.99

S.No	Particular of Measures/Activities	Unit	Mustafabad		Nerwal		Rahatkar		Raki		Total	
			Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt
1.9	Micro-Enterprise											
	Activity Name											
	1.9.1 Artificial Insemination Kit (Paravet)	No.	2	0.48	1	0.24	1	0.24	1	0.24	5	1.2
	1.9.2 Dairy Equipment	No.	4	0.96					2	0.48	6	1.44
	1.9.3 Food Preservation/Processing	No.	2	0.48	1	0.24					3	0.72
	1.9.4 Genaral Shop	No.	4	0.8							4	0.8
	1.9.5 Health camps	No.	4	0.8	1	0.2	1	0.2	1	0.2	7	1.4
	1.9.6 Jarsi Bull (Natural Service)	No.	2	0.48	1	0.24					3	0.72
	1.9.7 Jarsi cow	No.	3	0.6	3	0.6	2	0.4	2	0.4	10	2
	1.9.8 Mini Flour mill (Aata Chakki)	No.	2	0.48							2	0.48
	1.9.9 Mini Masala Machine (Masala Chakki)	No.	1	0.24			1	0.24	2	0.48	4	0.96
	1.9.10 Murra Buffalow	No.	4	0.96					2	0.48	6	1.44
	1.9.11 Murrah "He Buffalo" (Natural Service)	No.	2	0.48					1	0.24	3	0.72
	1.9.12 Vegetable Shop	No.	5	0.5			4	0.4			9	0.9
			398	12.554475	188	4.084135	216	4.31598	204	5.15249	1006	26.10708

Note :

1. Livelihood - Qty. indicated number of SHG members
2. Crop Demonstration - 0.25 ha area is considered for each beneficiary
3. Seed Distribution - 0.25 ha area is considered for each beneficiary
4. Micro Enterprises - Qty. indicated number of activities

5.3: LIVELIHOOD ACTION PLAN

Table 5.4: Livelihood Activities

									Amt. in Lacs.
S.No	Name of GP	Activity Proposed	No. of Groups	No. of Units	Unit Cost	Cost of Activity	SHG Share	Proposed Amount for Project Fund	Proposed date for Activity (start)
1	Mustafabad	Backyard poultry	4	25	0.02	0.5	0	0.5	Feb
		Blacksmith	2	15	0.1	1.5	0	1.5	March
		Bee keeping	2	10	0.15	1.5	0	1.5	March
		Carpentry	2	10	0.1	1	0	1	March
		Cycle Shop	2	15	0.1	1.5	0	1.5	March
		Goatry (02 Goat/Unit)	5	37	0.06	2.22	0	2.22	Feb
		Tailoring	1	6	0.08	0.48	0	0.48	March
		General Shop	1	10	0.2	2	0	2	March
		Piggeries (01 pair of Male/Female)	1	10	0.06	0.6	0	0.6	Feb
		Sub Total	20	138		11.3	0	11.3	
2	Nerwal	Backyard poultry	2	10	0.02	0.2	0	0.2	Feb
		Blacksmith	1	2	0.1	0.2	0	0.2	March
		Carpentry	1	5	0.1	0.5	0	0.5	March
		Goatry (02 Goat/Unit)	2	15	0.06	0.9	0	0.9	Feb
		Cycle Shop	1	6	0.1	0.6	0	0.6	March
		Piggeries (01 pair of Male/Female)	1	6	0.06	0.36	0	0.36	Feb
		Tailoring	1	5	0.08	0.4	0	0.4	March
		Dairy	1	2	0.4	0.5	0.3	0.2	Feb
		Sub Total	10	51		3.66	0.3	3.36	
3	Rahatkar	Backyard poultry	1	7	0.02	0.14	0	0.14	Dec
		Blacksmith	1	4	0.1	0.4	0	0.4	Dec
		Carpentry	1	4	0.1	0.4	0	0.4	March
		Cycle Shop	1	10	0.1	1	0	1	March
		Goatry (02 Goat/Unit)	4	22	0.06	1.32	0	1.32	Feb

S.No	Name of GP	Activity Proposed	No. of Groups	No. of Units	Unit Cost	Cost of Activity	SHG Share	Proposed Amount for Project Fund	Proposed date for Activity (start)
		Tailoring	1	4	0.08	0.32	0	0.32	March
		Piggeries (01 pair of Male/Female)	1	5	0.06	0.3	0	0.3	Feb
		Sub Total	10	56		3.88	0	3.88	
4	Raki	Backyard poultry	2	12	0.02	0.24	0	0.24	Feb
		Blacksmith	1	4	0.1	0.4	0	0.4	March
		Carpentry	1	4	0.1	0.4	0	0.4	March
		Dairy	1	2	0.4	0.5	0.3	0.2	Feb
		Cycle Shop	1	8	0.1	0.8	0	0.8	March
		General Shop	1	4	0.2	0.8	0	0.8	March
		Goatry (02 Goat/Unit)	3	16	0.06	0.96	0	0.96	Feb
		Tailoring	1	4	0.08	0.32	0	0.32	March
		Piggeries (01 pair of Male/Female)	1	4	0.06	0.24	0	0.24	Feb
		Sub Total	12	58		4.66	0.3	4.36	
		Grand Total	52	303		23.5	0.6	22.9	

Note : 2 Goat/unit @ Rs. 3000/Goat (01 Male Goat for each 20 Goats included)

5.4: PRODUCTION SYSTEM ACTION PLAN

Details for Production system & Micro Enterprise based livelihood activities are given below:-

Table 5.5: Estimate for Crop Demonstration

Season	Seed	Sowing time	Qty	Rate	Amt.	N			P			K			Pesticide/Others	Total
			kg	Rs/kg	Rs	kg	Rate	Rs.	kg	Rate	Rs.	kg	Rate	Rs.	Rs.	Rs.
							Rs/kg			Rs/kg			Rs/kg			
Rabi	Wheat	Oct to Nov	27.5	30	825	52.5	7.6	399	32.5	20.5	666.25	16.5	12	198	200	2288
	Mustard	Sep to Oct	1.5	45	67.5	30	7.6	228	10	20.5	205	10	12	120	100	721
	Pea	Oct to Nov	25	65	1625	4	7.6	30	10	20.5	205	0	0.0	0	200	2060
	Gram	Oct to Nov	14	90	1260	0	7.6	0	44	20.5	902	16.25	12	195	300	2657
Kharif	Paddy	June to July	20	20	400	37.5	7.6	285	15	20.5	307.5	15	12	180	300	1473
	Jowar	July	4	40	160	20	7.6	152	10	20.5	205	10	12	120	100	737
	Bajra	July	1.25	130	162.5	20	7.6	152	10	20.5	205	5	12	60	100	680
	Arhar	June to July	5	60	300	3	7.6	23	10	20.5	205	5	12	60	100	688
	Moong	June to July	7	70	490	3	7.6	23	10	20.5	205	0	12	0	100	818
	Urd	June to July	8	70	560	5	7.6	38	10	20.5	205	5	12	60	100	963

Area of per demonstration = 0.25 ha

Table 5.6: Gram Panchyat Wise Crop Demonstration/Seed Distribution/Micro Enterprises

Amount (Rs) in lacs.

S.No	Name of GP	Activity Proposed	Crop/Seed /Activity (ME etc.)		No. of Units	Unit Cost	Cost of Activity	Beneficiary Share	Proposed Amount for Project Fund	Proposed date for Activity (start)
1	Mustafabad	Crop Demonstration	Rabi	Mustard	12	721	0.087	0	0.087	Oct To nov
		Crop Demonstration	Rabi	Pea	12	2552	0.306	0	0.306	Oct To nov
		Crop Demonstration	Rabi	Wheat	18	2288	0.412	0	0.412	Oct To nov
		Crop Demonstration	Forestry	Block plantation	2	10000	0.200	0	0.200	June To July
		Crop Demonstration	Forestry	Scattered plantation	15	5000	0.750	0	0.750	June To July
		Crop Demonstration	Horticulture	Agro Horticulture	15	5000	0.750	0	0.750	June To July
		Crop Demonstration	Horticulture	Veg/Fruit plantation	4	15000	0.600	0	0.600	June To July
		Crop Demonstration	Kharif	Arahar	12	688	0.083	0	0.083	June To July
		Crop Demonstration	Kharif	Maize	12	2126	0.255	0	0.255	June To July
		Crop Demonstration	Kharif	Paddy	20	1473	0.295	0	0.295	June To July
		Crop Demonstration	Rabi	Lentil	12	1406	0.169	0	0.169	Oct To nov
		Seed Distribution	Rabi	Barseem	15	1440	0.216	0	0.216	Oct To nov
		Seed Distribution	Kharif	Paddy	30	400	0.120	0	0.120	June To July
		Seed Distribution	Kharif	Arahar	44	300	0.132	0	0.132	June To July
		Seed Distribution	Kharif	Maize	25	562.5	0.141	0	0.141	June To July
		Seed Distribution	Kharif	Jowar	25	160	0.040	0	0.040	June To July
		Seed Distribution	Rabi	Wheat	40	825	0.330	0	0.330	Oct To nov
		Seed Distribution	Rabi	Mustard	30	67.5	0.020	0	0.020	Oct To nov
		Seed Distribution	Rabi	Pea	20	1950	0.390	0	0.390	Oct To nov
		Micro-Enterprise		Mini Masala Machine (Masala Chakki)	1	25000	0.250	0.01	0.240	Jan
		Micro-Enterprise		Murra Buffalow	4	30000	1.200	0.24	0.960	Jan
		Micro-Enterprise		Vegetable Shop	5	10000	0.500	0	0.500	Sep
		Micro-Enterprise		Murrah "He Buffalo" (Natural Service)	2	50000	1.000	0.52	0.480	Sep
		Micro-Enterprise		Jarsi Bull (Natural Service)	2	30000	0.600	0.12	0.480	Sep
		Micro-Enterprise		Jarsi cow	3	20000	0.600	0	0.600	Jan
		Micro-Enterprise		Genaral Shop	4	20000	0.800	0	0.800	Jan
		Micro-Enterprise		Dairy Equipment	4	40000	1.600	0.64	0.960	Jan
		Micro-Enterprise		Mini Flour mill (Aata Chakki)	2	40000	0.800	0.32	0.480	Sep
		Micro-Enterprise		Food Preservation/Processing	2	35000	0.700	0.22	0.480	Jan
		Micro-Enterprise		Artificial Insemination Kit (Paravet)	2	50000	1.000	0.52	0.480	Sep

S.No	Name of GP	Activity Proposed	Crop/Seed /Activity (ME etc.)		No. of Units	Unit Cost	Cost of Activity	Beneficiary Share	Proposed Amount for Project Fund	Proposed date for Activity (start)
		Micro-Enterprise		Health camps	4	20000	0.800	0	0.800	Sep
				Sub Total	398	421959	15.144	2.59	12.554	
2	Nerwal	Crop Demonstration	Kharif	Arahar	6	688	0.041	0	0.041	June To July
		Crop Demonstration	Kharif	Maize	6	2126	0.128	0	0.128	June To July
		Crop Demonstration	Kharif	Paddy	10	1473	0.147	0	0.147	June To July
		Crop Demonstration	Rabi	Lentil	6	1406	0.084	0	0.084	Oct To nov
		Crop Demonstration	Rabi	Mustard	6	721	0.043	0	0.043	Oct To nov
		Crop Demonstration	Rabi	Pea	10	2552	0.255	0	0.255	Oct To nov
		Crop Demonstration	Rabi	Wheat	10	2288	0.229	0	0.229	Oct To nov
		Crop Demonstration	Forestry	Block plantation	2	10000	0.200	0	0.200	June To July
		Crop Demonstration	Forestry	Scattered plantation	4	5000	0.200	0	0.200	June To July
		Crop Demonstration	Horticulture	Agro Horticulture	4	5000	0.200	0	0.200	June To July
		Crop Demonstration	Horticulture	Veg/Fruit plantation	2	15000	0.300	0	0.300	June To July
		Seed Distribution	Rabi	Barseem	10	1440	0.144	0	0.144	Oct To nov
		Seed Distribution	Kharif	Paddy	30	400	0.120	0	0.120	June To July
		Seed Distribution	Kharif	Arahar	10	300	0.030	0	0.030	June To July
		Seed Distribution	Kharif	Maize	10	562.5	0.056	0	0.056	June To July
		Seed Distribution	Kharif	Jowar	10	160	0.016	0	0.016	June To July
		Seed Distribution	Rabi	Wheat	20	825	0.165	0	0.165	Oct To nov
		Seed Distribution	Rabi	Mustard	15	67.5	0.010	0	0.010	Oct To nov
		Seed Distribution	Rabi	Pea	10	1950	0.195	0	0.195	Oct To nov
		Micro-Enterprise		Artificial Insemination Kit (Paravet)	1	50000	0.500	0.26	0.240	Sep
		Micro-Enterprise		Health camps	1	20000	0.200	0	0.200	Sep
		Micro-Enterprise		Jarsi cow	3	20000	0.600	0	0.600	Jan
		Micro-Enterprise		Jarsi Bull (Natural Service)	1	30000	0.300	0.06	0.240	Sep
		Micro-Enterprise		Food Preservation/Processing	1	35000	0.350	0.11	0.240	Jan
				Sub Total	188	206959	4.514	0.43	4.084	
3	Rahatkar	Crop Demonstration	Kharif	Arahar	7	688	0.048	0	0.048	June To July
		Crop Demonstration	Kharif	Maize	4	2126	0.085	0	0.085	June To July
		Crop Demonstration	Kharif	Paddy	16	1473	0.236	0	0.236	June To July
		Crop Demonstration	Rabi	Lentil	8	1406	0.112	0	0.112	Oct To nov
		Crop Demonstration	Rabi	Mustard	8	721	0.058	0	0.058	Oct To nov
		Crop Demonstration	Rabi	Pea	8	2552	0.204	0	0.204	Oct To nov
		Crop Demonstration	Rabi	Wheat	16	2288	0.366	0	0.366	Oct To nov

S.No	Name of GP	Activity Proposed	Crop/Seed /Activity (ME etc.)		No. of Units	Unit Cost	Cost of Activity	Beneficiary Share	Proposed Amount for Project Fund	Proposed date for Activity (start)
		Crop Demonstration	Forestry	Block plantation	2	10000	0.200	0	0.200	June To July
		Crop Demonstration	Forestry	Scattered plantation	4	5000	0.200	0	0.200	June To July
		Crop Demonstration	Horticulture	Agro Horticulture	4	5000	0.200	0	0.200	June To July
		Crop Demonstration	Horticulture	Veg/Fruit plantation	2	15000	0.300	0	0.300	June To July
		Seed Distribution	Rabi	Barseem	3	1440	0.043	0	0.043	Oct To nov
		Seed Distribution	Kharif	Paddy	20	400	0.080	0	0.080	June To July
		Seed Distribution	Kharif	Arahar	15	300	0.045	0	0.045	June To July
		Seed Distribution	Kharif	Maize	15	562.5	0.084	0	0.084	June To July
		Seed Distribution	Kharif	Jowar	15	160	0.024	0	0.024	June To July
		Seed Distribution	Rabi	Wheat	30	825	0.248	0	0.248	Oct To nov
		Seed Distribution	Rabi	Mustard	15	67.5	0.010	0	0.010	Oct To nov
		Seed Distribution	Rabi	Pea	15	1950	0.293	0	0.293	Oct To nov
		Micro-Enterprise		Artificial Insemination Kit (Paravet)	1	50000	0.500	0.26	0.240	Sep
		Micro-Enterprise		Health camps	1	20000	0.200	0	0.200	Sep
		Micro-Enterprise		Jarsi cow	2	20000	0.400	0	0.400	Sep
		Micro-Enterprise		Mini Masala Machine (Masala Chakki)	1	25000	0.250	0.01	0.240	March
		Micro-Enterprise		Vegetable Shop	4	10000	0.400	0	0.400	Sep
				Sub Total	216	176959	4.586	0.27	4.316	
4	Raki	Crop Demonstration	Kharif	Arahar	4	688	0.028	0	0.028	June To July
		Crop Demonstration	Kharif	Maize	4	2126	0.085	0	0.085	June To July
		Crop Demonstration	Kharif	Jowar	6	737	0.044	0	0.044	June To July
		Crop Demonstration	Kharif	Paddy	11	1473	0.162	0	0.162	June To July
		Crop Demonstration	Rabi	Lentil	6	1406	0.084	0	0.084	Oct To nov
		Crop Demonstration	Rabi	Mustard	6	721	0.043	0	0.043	Oct To nov
		Crop Demonstration	Rabi	Pea	6	2552	0.153	0	0.153	Oct To nov
		Crop Demonstration	Rabi	Wheat	13	2288	0.297	0	0.297	Oct To nov
		Crop Demonstration	Forestry	Block plantation	2	10000	0.200	0	0.200	June To July
		Crop Demonstration	Forestry	Scattered plantation	4	5000	0.200	0	0.200	June To July
		Crop Demonstration	Horticulture	Agro Horticulture	4	5000	0.200	0	0.200	June To July
		Crop Demonstration	Horticulture	Veg/Fruit plantation	2	15000	0.300	0	0.300	June To July
		Seed Distribution	Rabi	Barseem	5	1440	0.072	0	0.072	Oct To nov
		Seed Distribution	Kharif	Paddy	15	400	0.060	0	0.060	June To July
		Seed Distribution	Kharif	Arahar	15	300	0.045	0	0.045	June To July
		Seed Distribution	Kharif	Maize	15	562.5	0.084	0	0.084	June To July

S.No	Name of GP	Activity Proposed	Crop/Seed /Activity (ME etc.)		No. of Units	Unit Cost	Cost of Activity	Beneficiary Share	Proposed Amount for Project Fund	Proposed date for Activity (start)
		Seed Distribution	Kharif	Jowar	15	160	0.024	0	0.024	June To July
		Seed Distribution	Rabi	Wheat	30	825	0.248	0	0.248	Oct To nov
		Seed Distribution	Rabi	Mustard	15	67.5	0.010	0	0.010	Oct To nov
		Seed Distribution	Rabi	Pea	15	1950	0.293	0	0.293	Oct To nov
		Micro-Enterprise		Artificial Insemination Kit (Paravet)	1	50000	0.500	0.26	0.240	Sep
		Micro-Enterprise		Health camps	1	20000	0.200	0	0.200	Sep
		Micro-Enterprise		Mini Masala Machine (Masala Chakki)	2	25000	0.500	0.02	0.480	March
		Micro-Enterprise		Murrah "He Buffalo" (Natural Service)	1	50000	0.500	0.26	0.240	Sep
		Micro-Enterprise		Murra Buffalow	2	30000	0.600	0.12	0.480	Sep
		Micro-Enterprise		Jarsi cow	2	20000	0.400	0	0.400	Jan
		Micro-Enterprise		Dairy Equipment	2	40000	0.800	0.32	0.480	Jan
				Sub Total	204	287696	6.132	0.98	5.152	
				Grand Total	1006	1093573	30.377	4.27	26.107	

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 watershed.

Table 6.1: List of identified training institutes for capacity building

Sl. No.	Name of Training institute	Address	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	2	3	4	5	6	7	8	9
1	SIRD	Bakshika Talab, Lucknow	Director General	State level	Orientation & Implimentation of Project	34	959	Bakshi ka Talab, Lucknow
2	N.D. Univ of Agri. & Tech.	Kumarganj, Faizabad	Vice Chancellor	State level				Kumarganj, Faizabad
3	UPLDWR	Bhoomi Vikas & Jal Sansadhan Training Institute Beli Kala, Lucknow	Dy. Director	State level				Lucknow
4	RIRD	Pratapgarh	Principal	District level				Pratapgarh
5	KVK	Pratapgarh	Programme co- ordinator	District level				Pratapgarh
6	PIA	Pratapgarh	BSA	District level				At Village
7	Other Institutes identified by SLNA							

Table 6.2: Training to stakeholders on participatory watershed management

Sl. No.	Client Group	Title of the program / duration / time	objectives	Coverage / Topics	Training methodology	Training institutions
1	2	3	4	5	7	8
1	WDT	IWMP-2 ND / Upto 3 days / 10:00am – 5:00 pm	Training	Livelihood (Dairy, poultry, piggeries, bee keeping, food processing, knitting & micro enterprises	Skill development	N.D. Univ of Agri. & Tech., Faizabad SIRD, BKT, Lucknow UPLDWR, Lucknow KVK, Pratapgarh RIRD, Pratapgarh
2	WC					
3	SHG					
4	UG					

Table 6.3: Capacity Building Annual Action Plan

(Amt. in lacs Rs.)

S. No.	Stake holders	Total no of persons/ members	Physical & Financial Planning															Total		
			Ist year			II nd year			III rd year			IV th year			V th year			Persons to be trained	No. of Trgs.	Amt.
			Persons to be trained	No. of Trgs.	Amt.	Persons to be trained	No. of Trgs.	Amt.	Persons to be trained	No. of Trgs.	Amt.	Persons to be trained	No. of Trgs.	Amt.	Persons to be trained	No. of Trgs.	Amt.			
	SLNA	--			0.52			0.13	--	--	0.13	--	--	--	--	--	--			0.78
	WCDC	--			0.33			1.31	--	--	0.33			0.39	--			--		2.35
1	PIA	22	15	1	0.11	22	2	0.33	22	1	0.17	22	1	0.17	22	1	0.17	103	6	0.94
2	WDT	4	4	1	0.02	4	2	0.04	4	1	0.02	4	1	0.02	4	1	0.02	20	6	0.12
3	WC	42	15	1	0.07	42	2	0.38	25	1	0.11	25	1	0.11	25	1	0.11	132	6	0.78
4	SHG	132	15	1	0.11	132	4	3.96	50	3	1.13	50	3	1.13	50	2	0.75	297	13	7.07
5	UG	184	0	0	0.00	110	1	0.28	27	1	0.07	60	1	0.15	105	1	0.26	302	4	0.76
6	Others specify	--	60	1	0.15	45	1	0.11	0	0	0.00	0	0	0.00	0	0	0.00	105	2	0.26
	Total	384	109	5	1.31	355	12	6.53	128	7	1.95	160	7	1.96	206	6	1.31	959	37	13.06

CHAPTER-7

PHASING 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 intervention, expenditure and other information will be displayed in the micro watershed through wall writing, besides trained community members, PIA/WCDC 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/WCDC for monitoring and evaluation. The PIA shall submit quarterly progress reports (countersigned by President of Watershed Committee (WC) to WCDC for further submission to the SLNA. About 1% of the total budget will be used on this activity.

Plan for Evaluation

Watershed development activities bring 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 and small timber availability, livestock composition and milk production etc. These indicators can be gauged over bench mark data both at the beginning and at the end of the project within the watershed.

Observation

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

- Duration of availability of drinking water/irrigation and ground water recharge.
- Irrigation frequency and area under irrigation.
- Changes in cropping pattern and cropping system in the farmers fields alongwith productivity and incomes.
- Soil health.
- Satellite monitoring for vegetation cover and other parameters.
- Livestock composition and productivity.
- Periodic pest and disease monitoring will be done in major crops.
- Socio economic aspects including resource inventory.

7.2: Annual Action Plan (AAP)

Physical and financial targets and outlays and year wise breakups are given in Table 7.1.

Table 7.1: Yearwise financial phasing

(Rs. In lacs)

S.No.	Item	1 st Year (2010-11)		II nd Year (2011-12)		III rd Year (2012-13)		IV th Year (2013-14)		V th Year (2014-15)		Total	
		Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.
1	Administrative 10%	1.31	-	3.92	-	7.05	-	7.05	-	6.79	-	26.11	-
2	Monitoring 1%	-	-	0.52	-	0.52	-	0.52	-	1.04	-	2.61	-
3	Evaluation 1%	-	-	0.78	-	0.46	-	0.46	-	0.91	-	2.61	-
4	Entry Point Activity 4%	10.44	-	-	-	-	-	-	-	-	-	10.44	-
5	Institutional and Capacity building 5%	1.31	-	6.53	-	1.96	-	1.96	-	1.31	-	13.06	-
6	D.P.R Preparation 1%	2.61	-	-	-	-	-	-	-	-	-	2.61	-
7	Watershed Dev. Works 56%		-	19.58	291.43	41.40	616.08	41.40	616.08	43.84	652.41	146.23	2176.00
8	Livelihood & Income Generating 9%		-	2.61	-	6.53	-	6.53	-	7.85	-	23.51	-
9	Production System development 10%	-	-	2.61	-	6.91	-	6.91	-	9.68	-	26.11	-
10	Consolidation Phase 3%	-	-	-	-	-	-	-	-	7.83	-	7.83	-
	Total	15.67	-	36.55	-	64.82		64.82		79.26	-	261.12	2176.00

Year wise Physical and Financial Action Plan of IWMP-2nd

S.No	Physical and Financial targets (Fin. in Rs. Lacs)	Unit	I Year		II Year		III Year		IV Year		V Year		Total Project (Rs. in Lacs)	
			2010-11		2011-12		2012-13		2013-14		2014-15		Phy.	Fin.
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.		
1	Administration			1.3056		3.9168		7.05024		7.05024		6.78912		26.112
2	Monitoring			0		0.52224		0.52224		0.52224		1.04448		2.6112
3	Evaluation			0		0.78336		0.45696		0.45696		0.91392		2.6112
4	Entry point activities			10.4448		0		0		0		0		10.4448
	(1) Planned													
	(a) No. of Activities	No.												
	(b) No. of beneficiaries	No.												
	(2) Executed													
	(a) No. of Activities	No.												
	(b) No. of beneficiaries	No.												
5	Institutional & Capacity building			1.3056		6.528		1.9584		1.9584		1.3056		13.056
	(1) No. of Persons to be trained													
	(a) SLNA level	No.												
	(b) District level	No.												
	(c) WDT level	No.												
	(d) WC level	No.												
	(e) SHG / User Groups	No.												
	Sub Total			13.056										13.056
6	DPR Preparation	No.of MWS		2.6112		0		0		0		0		2.6112
7	Watershed Development Works													
	7.1 Land Development													
	1. Afforestation (on wasteland)	ha			1	0.64	3	1.35	3	1.35	3	1.43	10	4.78
	2. Afforestation (on total land)	ha			1	0.40	2	0.84	2	0.84	2	0.89	6	2.96
	3. Horticulture (on wasteland)	ha												
	4. Horticulture (on total land)	ha												
	5. Agriculture (on wasteland)	ha												
	6. Agriculture (on total land)	ha												
	7. Pasture (on wasteland)	ha												
	8. Pasture (on total land)	ha												
	9. Others (on wasteland)	ha												
	10. Others (on total land)	ha												
	7.2 Soil and Moisture Conservation													
	1. Field Bunding	ha												
	2. Contour Bunding	ha			119	2.74	251	5.80	251	5.80	265	6.14	885	20.50
	3. Check road bund	ha			33	4.00	71	8.45	71	8.45	75	8.94	250	29.84
	4. Marginal bund	ha			44	2.70	93	5.71	93	5.71	98	6.04	328	20.16
	5. Periferal bunding	ha			22	1.21	46	2.55	46	2.55	48	2.70	161	9.02
	6. Others	ha												
	7.3 Vegetative and Engineering Structures													
	1. Earthen Check Dams	ha			2129	1.26	4503	2.67	4503	2.67	4765	2.82	15900	9.42

S.No	Physical and Financial targets (Fin. in Rs. Lacs)	Unit	I Year		II Year		III Year		IV Year		V Year		Total Project (Rs. in Lacs)	
			2010-11		2011-12		2012-13		2013-14		2014-15		Phy.	Fin.
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.		
	2. Gully Plugs	ha			0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
	3. Drop Spill way	ha												
	4. Pipe outlet	ha												
	5. Gabian structure	ha												
	6. Others	ha												
	7.4 Water Harvesting Structures (New created)													
	1. Farm ponds	nos												
	2. Check dams	nos											0	0.00
	3. Nallah bunds	nos												
	4. Percolation tanks	nos												
	5. Groundwater recharge structure	nos												
	6. Others	nos												
	7.5 Water Harvesting Structures (Renovated)													
	1. Farm ponds	nos			2	6.20421	3	13.86	3	13	4.00	16.39	12	49.55
	2. Check dams	nos												
	3. Nallah bunds	nos												
	4. Percolation tanks	nos												
	5. Groundwater recharge structure	nos												
	6. Others	nos												
	7.6 Water Harvesting Structures (Storage Capacity of New Structure)													
	1. Farm ponds	nos												
	2. Check dams	nos												
	3. Nallah bunds	nos			468290		990438		990438		1048144		3497310	
	4. Percolation tanks	nos												
	5. Groundwater recharge structure	nos												
	6. Others	nos												
	7.7 Water Harvesting Structures (Storage Capacity of Renovated Structures)													
	1. Check dams	Cubic meter												
	2. Nallah bunds	Cubic meter												
	3. Percolation tanks	Cubic meter												
	4. Groundwater recharge structure	nos												
	5. Others	nos			4203		9391		8871		11103		33568	0
	Sub Total					19.15		41.24		40.47		45.36		146.23
8	Livelihood Activities through SHG's													
	(1) Activity Goatary													
	(a) No. of SHG's	No.	0		1.5554		3.8892		3.8892		4.6662		14	0
	(b) No. of members	No.	0	0	9.999	0.59994	25.002	1.50012	25.002	1.50012	29.997	1.79982	90	5.4
	(2) Activity- Back Yard Poultry												0	0
	(a) No. of SHG's	No.	0		0.9999		2.5002		2.5002		2.9997		9	0
	(b) No. of members	No.	0	0	5.9994	0.119988	15.0012	0.300024	15.0012	0.300024	17.9982	0.359964	54	1.08
	(3) Piggeries												0	0

S.No	Physical and Financial targets (Fin. in Rs. Lacs)	Unit	I Year 2010-11		II Year 2011-12		III Year 2012-13		IV Year 2013-14		V Year 2014-15		Total Project (Rs. in Lacs)	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
	(a) No. of SHG's	No.	0		0.4444		1.1112		1.1112		1.3332		4	0
	(b) No. of members	No.	0	0	2.7775	0.16665	6.945	0.4167	6.945	0.4167	8.3325	0.49995	25	1.5
	(4) Bee keeping												0	0
	(a) No. of SHG's	No.	0		0.2222		0.5556		0.5556		0.6666		2	0
	(b) No. of members	No.	0	0	1.111	0.16665	2.778	0.4167	2.778	0.4167	3.333	0.49995	10	1.5
	(5) Cycle shop												0	0
	(a) No. of SHG's	No.	0		0.5555		1.389		1.389		1.6665		5	0
	(b) No. of members	No.	0	0	4.3329	0.43329	10.8342	1.08342	10.8342	1.08342	12.9987	1.29987	39	3.9
	(6) Tailoring												0	0
	(a) No. of SHG's	No.	0		0.4444		1.1112		1.1112		1.3332		4	0
	(b) No. of members	No.	0	0	2.1109	0.168872	5.2782	0.422256	5.2782	0.422256	6.3327	0.506616	19	1.52
	(7) Carpentry												0	0
	(a) No. of SHG's	No.	0		0.5555		1.389		1.389		1.6665		5	0
	(b) No. of members	No.	0	0	2.5553	0.25553	6.3894	0.63894	6.3894	0.63894	7.6659	0.76659	23	2.3
	(8) Others ()												0	0
	(a) No. of SHG's	No.	0		0.9999		2.5002		2.5002		2.9997		9	0
	(b) No. of members	No.	0	0	4.7773	0.69993	11.9454	1.75014	11.9454	1.75014	14.3319	2.09979	43	6.3
	Subtotal		0	0	34.66	1.91	86.67	4.78	86.67	4.78	103.99	5.73	312.00	23.50
9	Production System													
	(9.1) Agriculture													
	(1) Crop demonstration													
	(a) No. of dem.	No.	0		27.5		77.6		77.6		92.4		275	0
	(b) Area	Ha.	0	0	6.9	0.5	19.4	1.3	19.4	1.3	23.1	1.5	68.75	4.53963
	(2) Seed Production												0	0
	(a) No. of dem.	No.	0		56.4		159.0		159.0		189.5		564	0
	(b) Area	Ha.	0	0	11.3	0.3	31.8	0.9	31.8	0.9	37.9	1.1	112.8	3.31225
	(9.2) Horticulture/ Agri- Horticulture												0	0
	(a) Area	Ha.	0		0.4		1.0		1.0		1.2		3.7	0
	(b) No. of Plants	No.	0	0	420.0	0.3	1184.4	0.8	1184.4	0.8	1411.2	1.0	4200	2.85
	(9.3) Agro- forestry												0	0
	(1) Scattered Plantation		0		0.0		0.0		0.0		0.0		0	0
	(a) No. of plants	No.	0	0	450.0	0.1	1269.0	0.4	1269.0	0.4	1512.0	0.5	4500	1.35
	(2) Block Plantation		0		0.0		0.0		0.0		0.0		0	0
	(a) Area	Ha.	0	0	0.2	0.1	0.5	0.2	0.5	0.2	0.5	0.3	1.6	0.8
	(9.4) Animal husbandry		0		0.0		0.0		0.0		0.0		0	0
	(1) Green fodder	Ha./no. farmer	0	0	3.3	0.0	9.3	0.1	9.3	0.1	11.1	0.2	33	0.4752
	(2) Rearing of milch cattle												0	0
	(a) Cow	No. of unit/	0	0	1.0	0.2	2.8	0.6	2.8	0.6	3.4	0.7	10	2
	(b) Buffalows	No. of unit	0	0	0.6	0.1	1.7	0.4	1.7	0.4	2.0	0.5	6	1.44
	(3) Goatary												0	0
	(4) Poultry												0	0
	(5) Fisheries												0	0
	(6) Dairy		0	0	0.6	0.1	1.7	0.4	1.7	0.4	2.0	0.5	6	1.44

S.No	Physical and Financial targets (Fin. in Rs. Lacs)	Unit	I Year		II Year		III Year		IV Year		V Year		Total Project (Rs. in Lacs)	
			2010-11		2011-12		2012-13		2013-14		2014-15			
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
	(7) Health camps	No.	0	0	0.7	0.1	2.0	0.4	2.0	0.4	2.4	0.5	7	1.4
	(8) Artificial insemination	No. of animals	0	0	0.5	0.1	1.4	0.3	1.4	0.3	1.7	0.4	5	1.2
	(9) Natural service bull	No.	0	0	0.9	0.1	2.5	0.3	2.5	0.3	3.0	0.3	9	0.9
	(9.5) Micro Interprises												0	0
	(a) No. of units	No.	0	0	2	0.4	5	1.2	5	1.2	6	1.5	19	4.4
	(b) No. of beneficiaries	No.			6		16		16		19			
	(c) Income per year	Rs.												
	Subtotal		0	0	982.1	2.6	2769.5	7.4	2769.5	7.4	3299.8	8.8	9820.85	26.11
10	Consolidation & Withdrawal Phase activities													7.8336
	Grand Total			15.6672		36.55236		65.29149		65.29149		78.31746		261.12

Phasing of convergence amount from MNREGA													
S.	Item	1st Year		IInd Year		IIIrd Year		IVth Year		Vth Year		Total	
No.		(2010-11)		(2011-12)		(2012-13)		(2013-14)		2014-15			
		Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.
1	Watershed Dev. Works	0	0	0	0	12.56	153.90	9.42	115.42	9.42	115.42	31.41	384.74

IWMP & MANREGA Convergence on Watershed works :

S.No	Grampanchayat	2B2G1h1e			2B2G1h2a			2B2G1h2b			Total		
	Name	Project cost	IWMP	Convergence	Project cost	IWMP	Convergence	Project cost	IWMP	Convergence	Project cost	IWMP	Convergence
1	Mustafabad	39.89	22.90	16.99	19.09	19.09		23.51	20.50	3.01	82.49	62.49	20.00
2	Nerwal	20.49	20.49			0.00			0.00		20.49	20.49	0.00
3	Rahatkar	27.34	27.34			0.00			0.00		27.34	27.34	0.00
4	Raki	15.96	15.96		31.36	19.95	11.41		0.00		47.32	35.91	11.41
	Total	103.68	86.69	16.99	50.45	39.04	11.41	23.51	20.50	3.01	177.64	146.23	31.41

Financial Phasing Gram Panchyat Wise

S.N.	Name of GP	Treatable Area(ha)	Activities Cost (Rs in lacs)			
			Estimated Watershed development Activities (56%)	Livelihood (9%)	Production System & ME (10%)	Total Amount
1	MUSTFABAD	1046	70.29	11.30	12.55	94.14
2	NARVAL	340	22.85	3.67	4.08	30.60
3	RAHTIKAR	360	24.19	3.89	4.32	32.40
4	RAKI	430	28.90	4.64	5.16	38.70
	Grand Total	2176	146.23	23.50	26.11	195.84

Table 7.2: Details of proposed watershed wise Convergence in the project :

S.No	MWS Code	Project Cost (Rs.)	Treatable Area (Ha.)	IWMP-2 ND Budget (Rs.)	Convergence (Rs.)	%age	Name of Schemes for Converging with IWMP-2 nd
1	2B2G1h1e	103.676	1290	86.688	16.988	19.600	MNREGA
2	2B2G1h2a	50.450	581	39.043	11.407	29.200	MNREGA
3	2B2G1h2b	23.508	305	20.496	3.012	14.700	MNREGA
	Total	177.635	2176	146.227	31.408	21.479	

Details of proposed Gram Panchyat wise Convergence in the project :

S.No	Gram Panchayat	Project Cost	Treatable Area	Budget	Convergence	Percent
1	Mustafabad	82.486	1046	70.291	12.195	17.300
2	Nerwal	20.487	340	22.848	-2.361	-10.300
3	Rahatkar	27.341	360	24.192	3.149	13.000
4	Raki	47.321	430	28.896	18.425	63.800
	Total	177.635	2176	146.227	31.408	21.479

CHAPTER-8

CONSOLIDATION AND WITHDRAWAL STRATEGY

Success of the programme depends on various watershed interventions and sustainability can only be achieved through active participation of community. It will be on capacity building and empowerment of stakeholders. The WC, SHGs, UGs etc. will be on established, trained and strengthened to continue development after withdraw of PIA. By building economic activities through CBOs community participation will be sustained. The PR&D approach alongwith demand driven interventions will reduce dependency on subsidies. Contribution from the community will be ensured for the entire activities to develop sense of belongingness and the contribution will be deposited to the account of watershed development fund (WDF). It will also be strengthening through donations from the individuals and institutions and the CBOs will be trained to run watershed as business model on sustainable basis. The tangible economic benefits alongwith empowerment by PIA will empower the CBOs to develop and sustain the watershed activities after withdrawal of the PIA. Community organization will withdraw the money from the WDF to maintain the assets created during the implementation phase.

The consolidation phase will also include:-

1. To prepare the project completion report.
2. Documentation of success stories.
3. Making films, leaflets, bulletins and the lessons learnt.
4. The expenditure will be done as per the common guidelines for watershed development projects.
5. The completion report will reflect the development on following aspects:-
 - a. Productivity enhancement.
 - b. Nutritional Security.
 - c. Risk minimization (Integrated farming system, water harvesting and protected cultivation, value addition and improved marketing).
 - d. Profitability.
 - e. Livelihood security (skill enhancement capacity building, increased employment in agriculture and allied enterprises, reduction in migration etc.).

CHAPTER -9

EXPECTED PROJECT OUTCOME

9.1 Employment Generation and Checking Migration

Employment has always been a problem in the village. The principal occupations of the people are dry land agriculture, animal husbandry and casual labor work. However, rain fall being very limited and erratic, agriculture suffers, i.e. at best they can take only a single crop, which keeps them partially engaged for about 4 months. Lack of fodder makes animal husbandry very difficult too. So, animal husbandry does not keep them engaged full time. Thus the people mainly depend upon casual labor, either in the village itself or outside it.

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

9.2: Other expected outcome

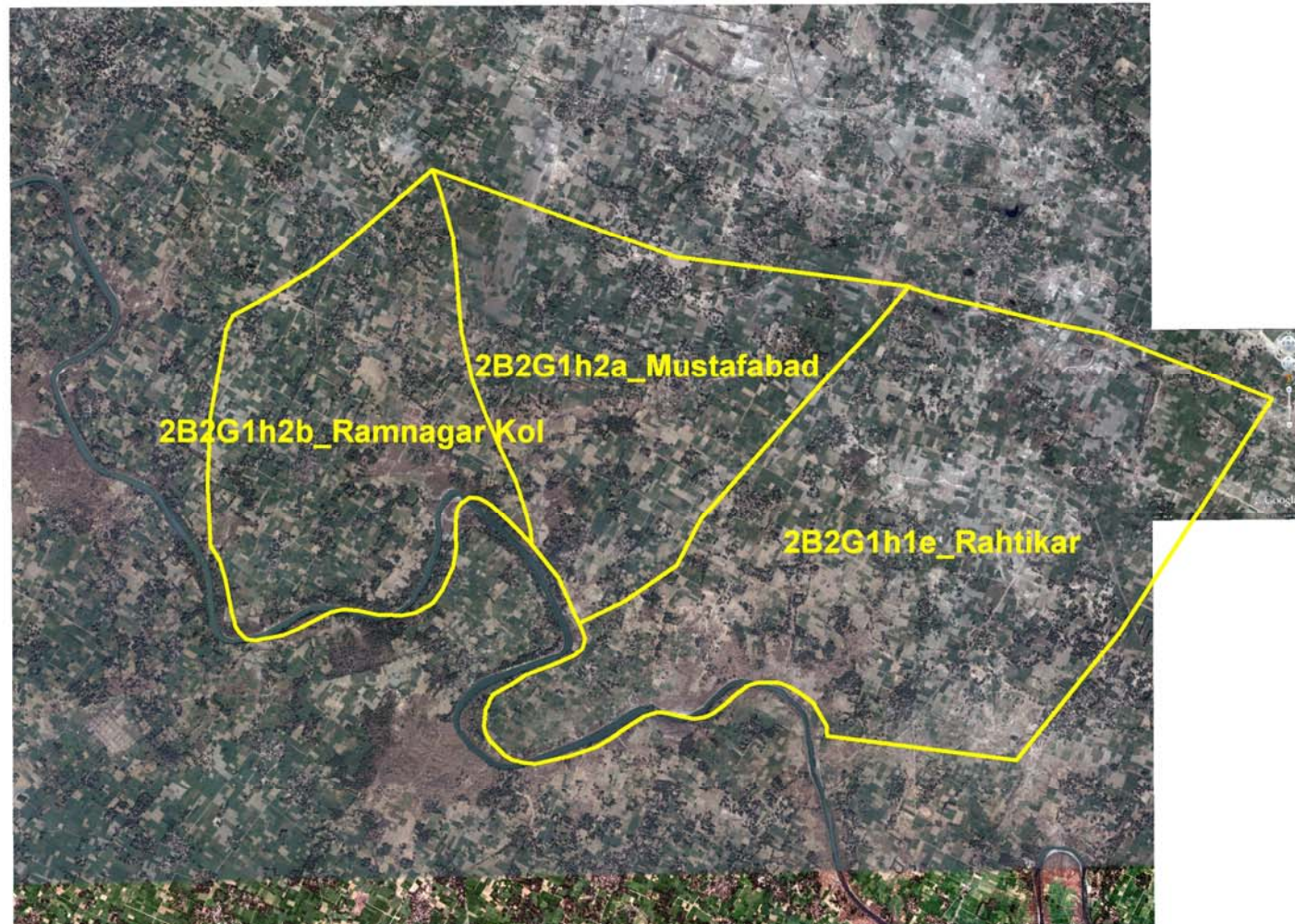
Table 9.1: Expected Benefits:

S.No.	Particulars of Items	Unit	Pre Execution	Post Execution
1	Gross Cultivated area	ha	2404	+20-25%
2	Cropping Intensity	%	139%	+20-25%
3	Agricultural Production			
a	Food Production	qtls	26844	+20-25%
i	Cereals		22065	+20-25%
ii	Pulses		3594	+20-25%
iii	Oil seed		1186	+20-25%

S.No.	Particulars of Items	Unit	Pre Execution	Post Execution
b	Fodder production	qtls	29766	+20-25%
i	Dry fodder		27732	+20-25%
ii	Green fodder		2034	+20-25%
c	Fuel production (qtls)	qtls		
i	Arhar+Mustard		5335	+20-25%
4	Average Income from Agriculture	Rs/ha	19886	+20-25%
5	Milk Production/per year	Liter	534750	+15-20%
6	Irrigated/Rainfed Area	ha	428/1976	488/1916
7	Additional Area under Agro/Horti/Forestry	ha	-	+16 ha
8	Employment generation Man days	No	100	+25 to 30%
9	Women Benefitted by SHGs and IGA	No	-	+17
10	Value of land Rs/ha	Rs in lacs	3-4	+1 to 2
11	Average ground water table BGL	M	14-16	-1 to 2

MAPS

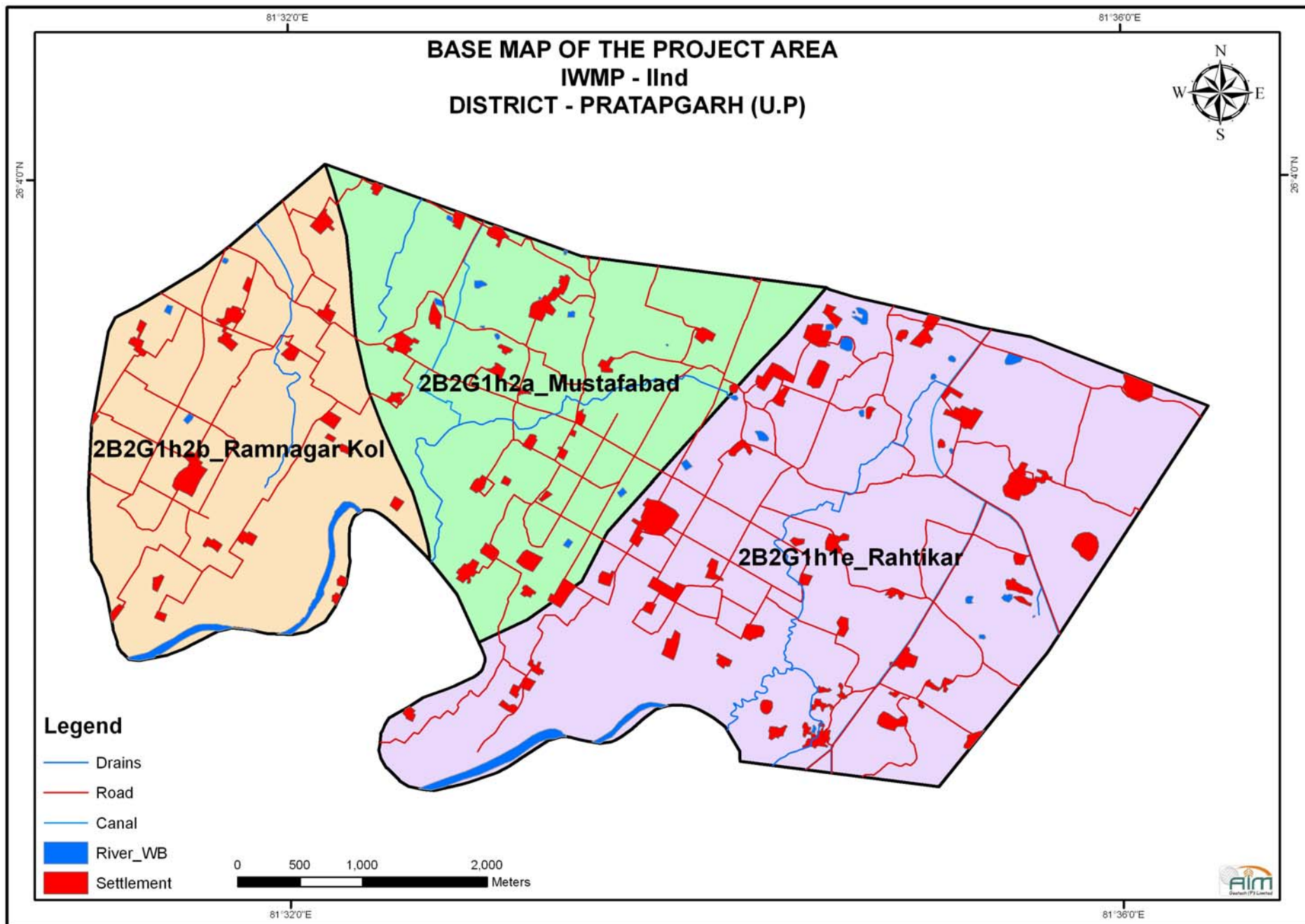
SATELLITE IMAGE OF THE PROJECT AREA
IWMP - IInd
DISTRICT - PRATAPGARH (U.P)

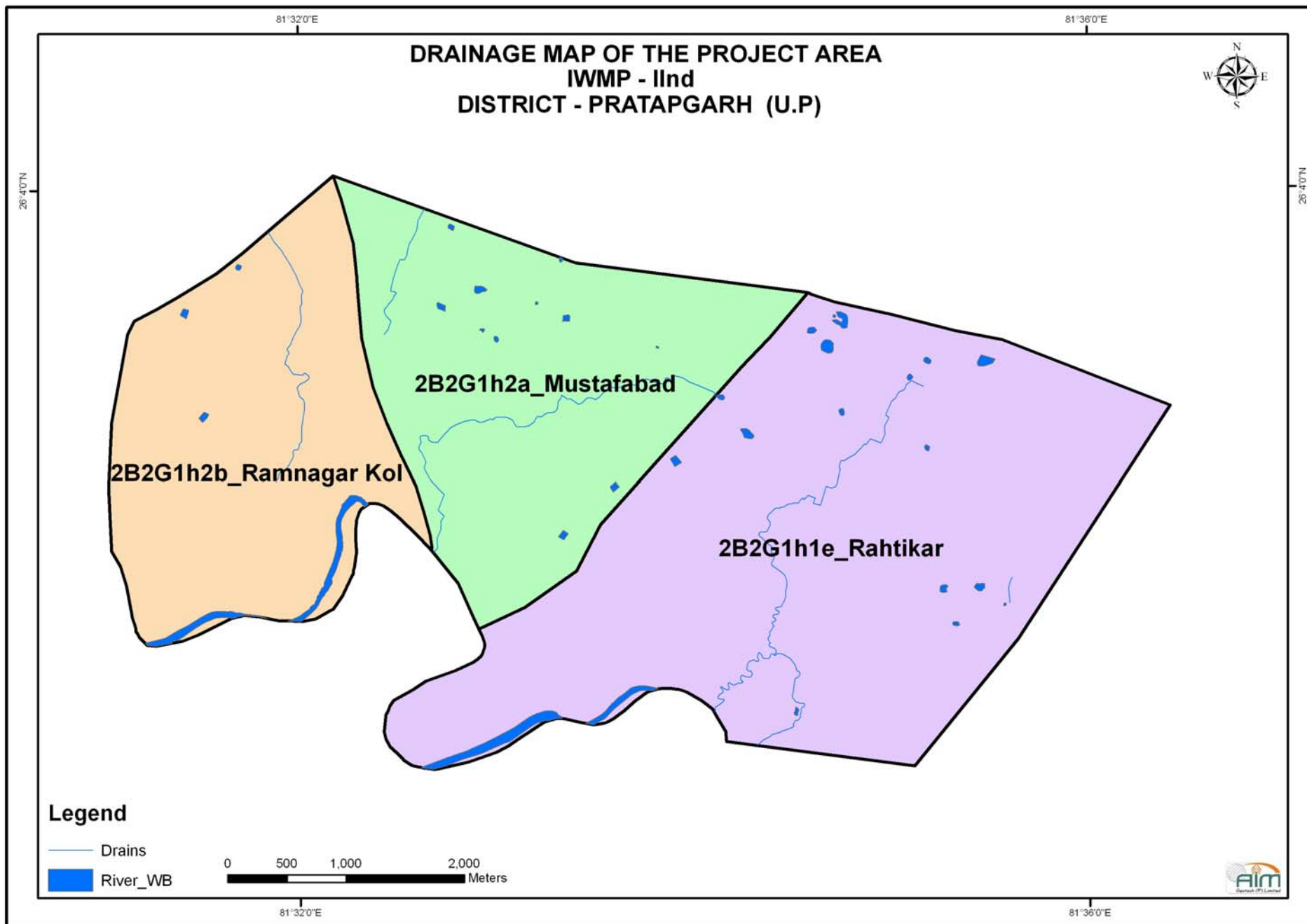


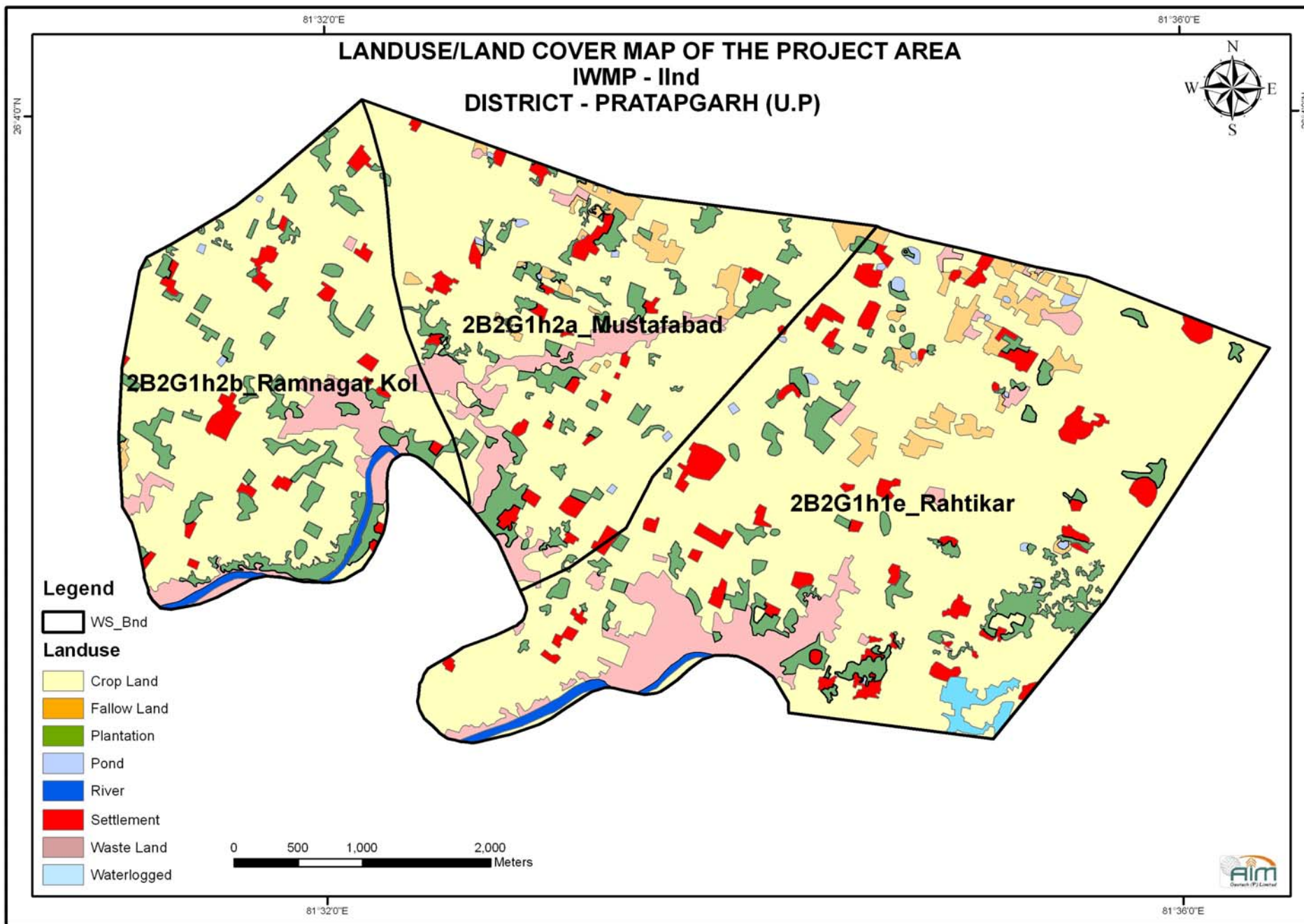
0 500 1,000 2,000
Meters

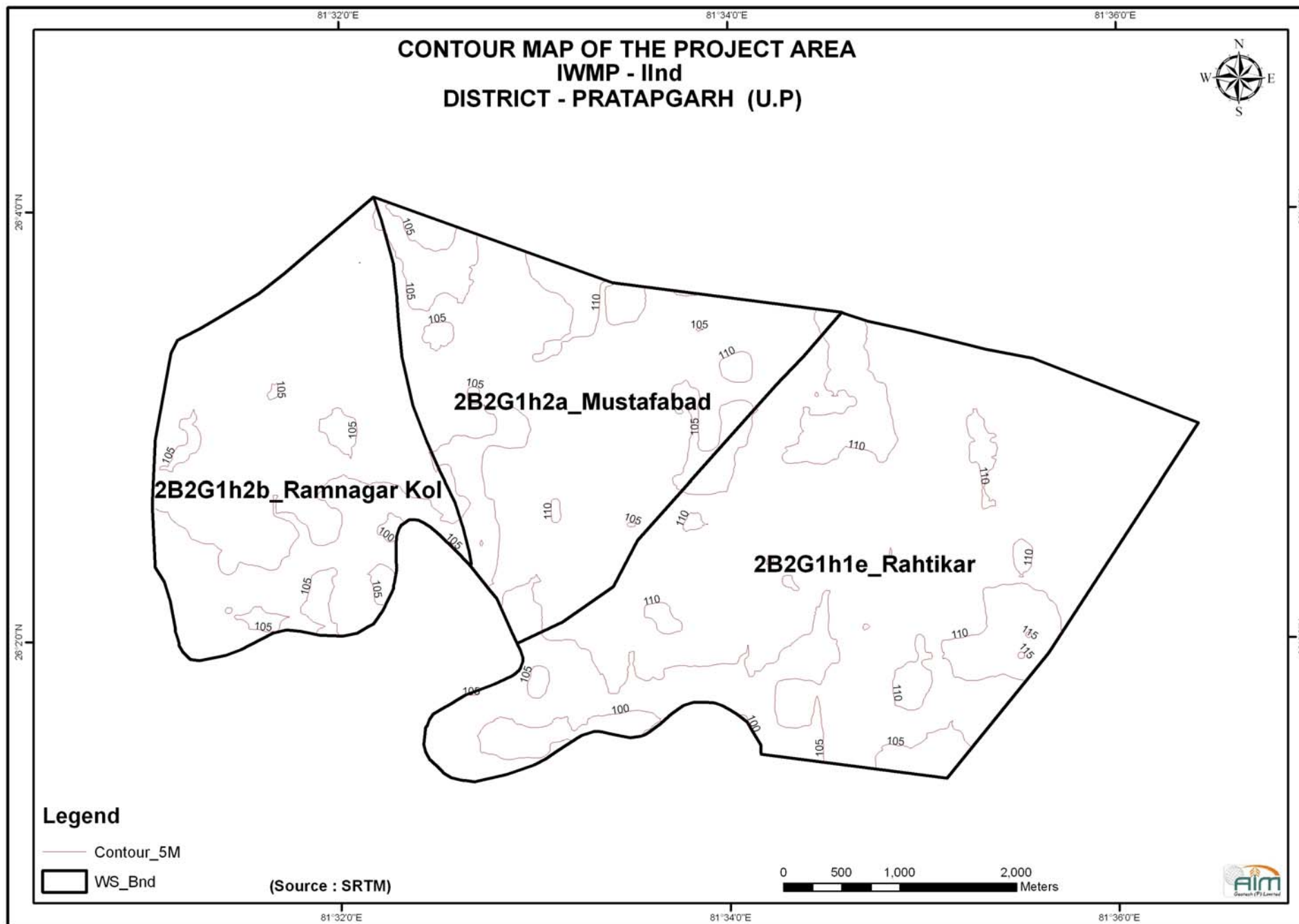
(Source : Google Image January, 2010)

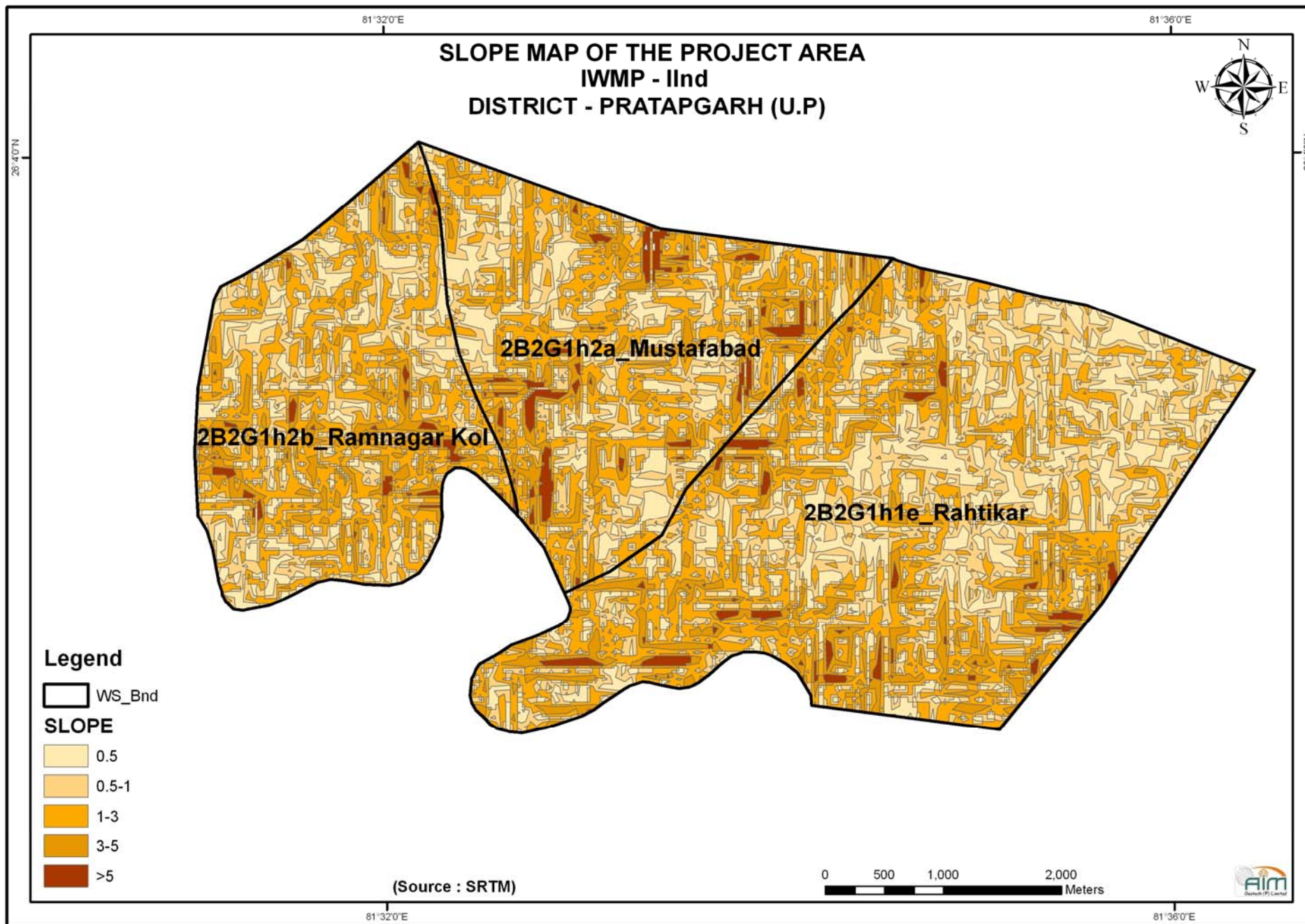


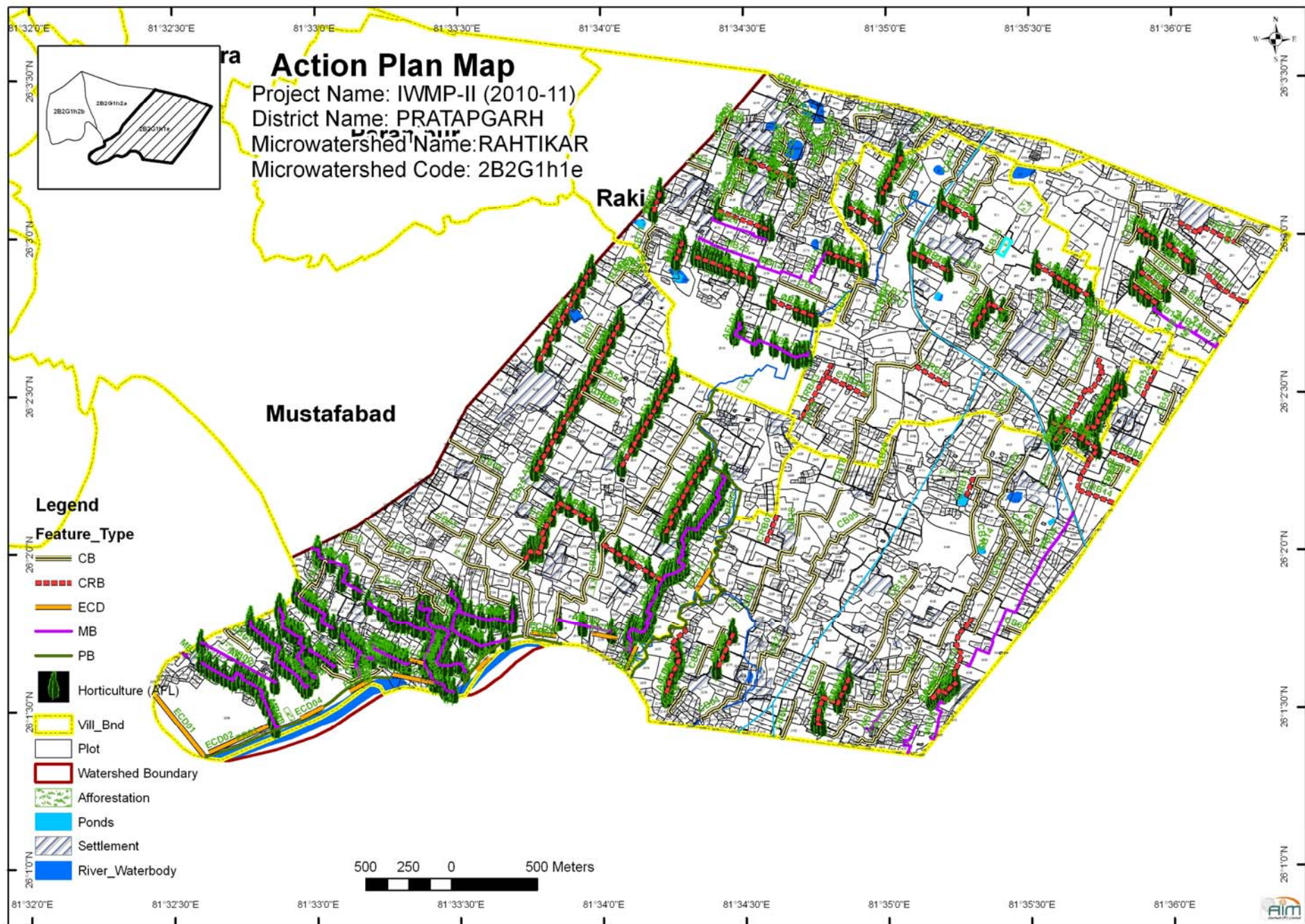


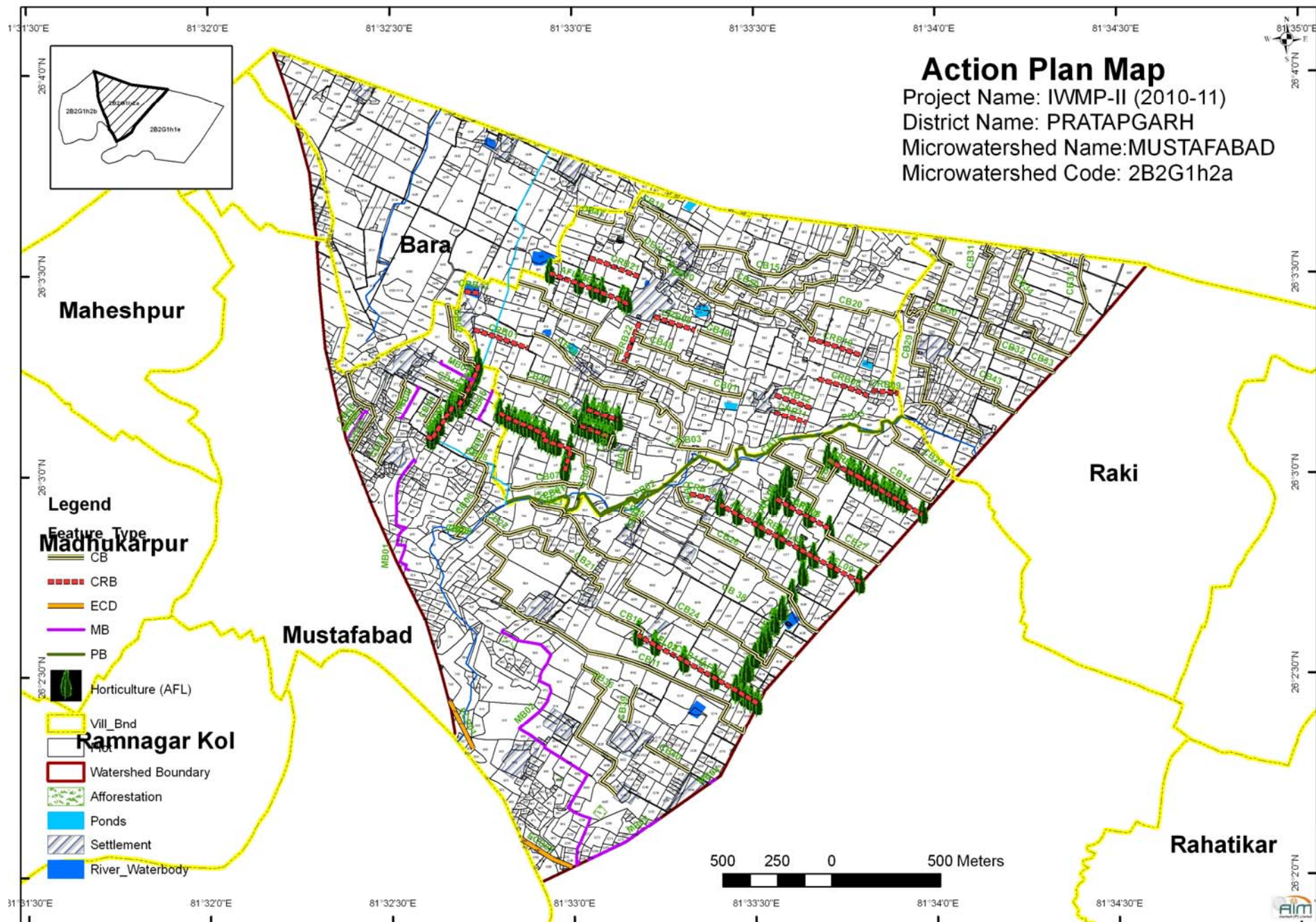


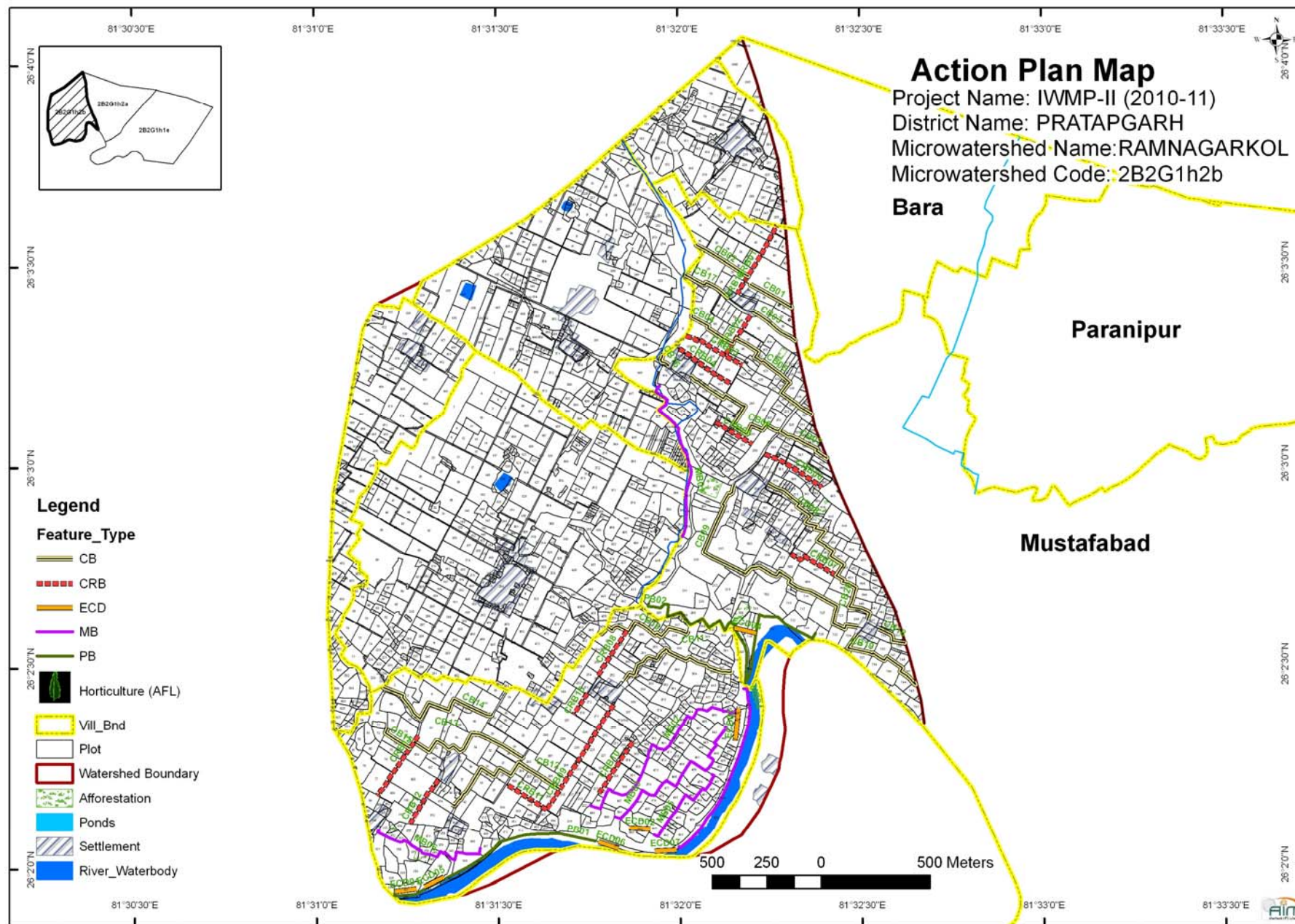












PREPARATION OF DPR

Detail Project Report of Integrated Watershed Management Programme (IWMP-2nd) has been prepared through base line/ bench Mark survey for physiographic, climate, soil, land use, vegetation, hydrology and socio economic data collection. PRA exercises have been done to collect primary data. Secondary data have been collected from Revenue, Statistics department, Statistical Magazine of the district, department of animal Husbandry development etc. Toposheets on 1:50,000 scale, online high resolution satellite image and SRTM data has been used. Suggestions related to technical & specific inputs were taken from external expert in preparation and drafting of detail project report.

S.No.	Name	Designation
1	Sri D.K. Srivastava	B.S.A.
2	Sri H.N. Singh	Jr. Er.
3	Sri R.S. Yadav	Jr. Er.
4	Sri I.S. Singh	Jr. Er.
5	Sri S.H. Srivastava	Accountant
6	Sri V.S. Kanaujiya	Draftt Man
7	Jangbahadur Singh	Zildar
8	Parasuram Singh	"
9	Ramsuchit Yadav	Sinch Parvechak
10	Lalbahadur Singh	"
11	Asharfi Lal Maurya	"
12	Ramdeen Yadav	"
13	Laxmishankar Maurya	J.C.
14	Rammurti Tiwari	J.C.
15	Anil Kimar Mishra	J.C.
16	Rakesh Kumar	J.C.
17	Ramsajeevan Chaudhari	Tressar
18	Smt. Rambeti	"
19	Om Prakash Srivastava	Munshi
20	Abdul Samad	Munshi
21	Rajkumar Singh	Sinchpal
22	Harsupati	"
23	Mohd. Tayyab	"

S.No.	Name	Designation
24	Ravindra Pratap	"
25	Rajitram	A.S.C.I.
26	Rajesh Kumar	A.S.C.I.
27	Lallan Prasad Mishra	Driver
28	Ramadhar Yadav	Group D
29	Rammani Pandey	"
30	Jagdish Prasad	"
31	Ram Bahadur Singh	"
32	Ram Prasad Maurya	"
33	Sunil Kumar Paswan	"
34	Lalti Devi	"
DPR Compiled & Printed By : AIM Geotech (P) Ltd., 13 & 14 LGF, Swaroop Arcade, Kapoorthala, Aliganj, Lucknow – 226024, Website : www.aimgeotech.com		

ANNEXURES

Annexure - I

Gram Panchyat/Watershed wise and Structurewise Cost of Watershed development activities

Name of Gram Panchayat : Mustafabad

S.No	Watershed Code	Village Name	Structure Code	Top width (T) m	Base width (B) m	Height (H) m	CS (T+B)/2*H sqm	Length m	Earth Work Cum	Dressing + Others	Outlets	Type of outlet	EW Cost (Rs.)	Sodding cost (Rs.)	Outlet cost (Rs.)	Total cost (Rs.)
Details of Soil Moisture measures																
1	2B2G1h2b	Mustafabad	CB06	0.45	2.25	0.6	0.81	687	556.8	0			18256	2691		20947
2	2B2G1h2b	Mustafabad	CB02	0.45	2.25	0.6	0.81	284	230.2	0			7548	1113		8661
3	2B2G1h2a	Mustafabad	CB39	0.45	2.25	0.6	0.81	179	145.2	0			4762	702		5464
4	2B2G1h2a	Mustafabad	CB40	0.45	2.25	0.6	0.81	239	193.7	0			6350	936		7286
5	2B2G1h1e	Mustafabad	CB25	0.45	2.25	0.6	0.81	120	97.4	0			3195	471		3666
6	2B2G1h2b	Mustafabad	CB08	0.45	2.25	0.6	0.81	713	577.3	0			18930	2790		21721
7	2B2G1h1e	Mustafabad	CB30	0.45	2.25	0.6	0.81	478	387.3	0			12701	1872		14573
8	2B2G1h2b	Mustafabad	CB09	0.45	2.25	0.6	0.81	1309	1060.3	0			34766	5125		39891
9	2B2G1h2b	Mustafabad	CB07	0.45	2.25	0.6	0.81	279	226	0			7412	1092		8504
10	2B2G1h2b	Mustafabad	CB18	0.45	2.25	0.6	0.81	159	129	0			4230	623		4853
11	2B2G1h2b	Mustafabad	CB05	0.45	2.25	0.6	0.81	596	482.6	0			15823	2332		18155
12	2B2G1h2b	Mustafabad	CB04	0.45	2.25	0.6	0.81	250	202.3	0			6634	978		7612
13	2B2G1h1e	Mustafabad	CB04	0.45	2.25	0.6	0.81	1777	1439.5	0			47203	6958		54160
14	2B2G1h1e	Mustafabad	CB40	0.45	2.25	0.6	0.81	250	202.7	0			6646	980		7626
15	2B2G1h1e	Mustafabad	CB05	0.45	2.25	0.6	0.81	117	94.9	0			3111	459		3569
16	2B2G1h2b	Mustafabad	CB03	0.45	2.25	0.6	0.81	243	197	0			6461	952		7413
17	2B2G1h2a	Mustafabad	CB41	0.45	2.25	0.6	0.81	193	156.1	0			5120	755		5875
18	2B2G1h2b	Ramnagar Kol	CB15	0.45	2.25	0.6	0.81	162	131.1	0			4300	634		4934
19	2B2G1h2a	Mustafabad	CB02	0.45	2.25	0.6	0.81	382	309.8	0			10157	1497		11655
20	2B2G1h1e	Mustafabad	CB03	0.45	2.25	0.6	0.81	955	773.2	0			25353	3737		29091
21	2B2G1h1e	Mustafabad	CB02	0.45	2.25	0.6	0.81	854	691.4	0			22672	3342		26013
22	2B2G1h1e	Mustafabad	CB06	0.45	2.25	0.6	0.81	2001	1620.7	0			53144	7834		60978
23	2B2G1h1e	Mustafabad	CB07	0.45	2.25	0.6	0.81	269	217.8	0			7143	1053		8196
24	2B2G1h2b	Ramnagar Kol	CB12	0.45	2.25	0.6	0.81	693	561.4	0			18409	2713		21122
25	2B2G1h2b	Mustafabad	CB19	0.45	2.25	0.6	0.81	490	396.8	0			13010	1918		14928
26	2B2G1h2b	Ramnagar Kol	CB14	0.45	2.25	0.6	0.81	676	547.2	0			17943	2645		20588
27	2B2G1h1e	Mustafabad	CB42	0.45	2.25	0.6	0.81	312	252.5	0			8281	1221		9502
28	2B2G1h2b	Ramnagar Kol	CB11	0.45	2.25	0.6	0.81	631	511.3	0			16766	2471		19237
29	2B2G1h2a	Mustafabad	CB36	0.45	2.25	0.6	0.81	878	711.5	0			23331	3439		26770

30	2B2G1h2b	Ramnagar Kol	CB10	0.45	2.25	0.6	0.81	475	384.4	0			12605	1858		14463
31	2B2G1h2a	Mustafabad	CB 38	0.45	2.25	0.6	0.81	764	619.1	0			20299	2992		23291
32	2B2G1h2b	Mustafabad	CB16	0.45	2.25	0.6	0.81	71	57.5	0			1887	278		2165
33	2B2G1h2b	Mustafabad	CB17	0.45	2.25	0.6	0.81	239	193.6	0			6347	936		7282
34	2B2G1h2b	Ramnagar Kol	CB13	0.45	2.25	0.6	0.81	653	529.2	0			17354	2558		19912
35	2B2G1h2a	Mustafabad	CB19	0.45	2.25	0.6	0.81	259	209.6	0			6872	1013		7885
36	2B2G1h2a	Mustafabad	CB25	0.45	2.25	0.6	0.81	139	112.9	0			3701	546		4247
37	2B2G1h1e	Mustafabad	CB54	0.45	2.25	0.6	0.81	226	183.2	0			6009	886		6894
38	2B2G1h2a	Mustafabad	CB23	0.45	2.25	0.6	0.81	657	532.3	0			17453	2573		20026
39	2B2G1h2b	Mustafabad	CB20	0.45	2.25	0.6	0.81	360	291.5	0			9558	1409		10967
40	2B2G1h2a	Mustafabad	CB22	0.45	2.25	0.6	0.81	108	87.4	0			2864	422		3287
41	2B2G1h2a	Mustafabad	CB21	0.45	2.25	0.6	0.81	713	577.4	0			18933	2791		21724
42	2B2G1h2a	Mustafabad	CB26	0.45	2.25	0.6	0.81	855	692.4	0			22703	3346		26049
43	2B2G1h1e	Mustafabad	CB66	0.45	2.25	0.6	0.81	175	141.7	0			4647	685		5332
44	2B2G1h2a	Mustafabad	CB24	0.45	2.25	0.6	0.81	1033	836.9	0			27443	4045		31488
45	2B2G1h2a	Mustafabad	CB14	0.45	2.25	0.6	0.81	660	534.7	0			17533	2584		20117
46	2B2G1h2a	Mustafabad	CB13	0.45	2.25	0.6	0.81	329	266.6	0			8743	1289		10031
47	2B2G1h2a	Mustafabad	CB12	0.45	2.25	0.6	0.81	533	431.6	0			14152	2086		16238
48	2B2G1h2a	Mustafabad	CB11	0.45	2.25	0.6	0.81	1898	1537.5	0			50415	7431		57847
49	2B2G1h2a	Mustafabad	CB10	0.45	2.25	0.6	0.81	475	385.1	0			12626	1861		14487
50	2B2G1h2a	Mustafabad	CB09	0.45	2.25	0.6	0.81	466	377.1	0			12365	1823		14188
51	2B2G1h2a	Mustafabad	CB08	0.45	2.25	0.6	0.81	679	550.1	0			18039	2659		20698
52	2B2G1h1e	Mustafabad	CB65	0.45	2.25	0.6	0.81	406	328.7	0			10779	1589		12368
53	2B2G1h1e	Mustafabad	CB69	0.45	2.25	0.6	0.81	342	276.7	0			9074	1338		10412
54	2B2G1h2b	Mustafabad	CB01	0.45	2.25	0.6	0.81	233	188.6	0			6184	912		7096
55	2B2G1h2a	Mustafabad	CB45	0.45	2.25	0.6	0.81	216	174.9	0			5733	845		6579
56	2B2G1h2a	Mustafabad	CB44	0.45	2.25	0.6	0.81	143	116.2	0			3811	562		4373
57	2B2G1h2a	Mustafabad	CB46	0.45	2.25	0.6	0.81	141	114.2	0			3746	552		4298
58	2B2G1h1e	Mustafabad	CB67	0.45	2.25	0.6	0.81	207	167.3	0			5486	809		6295
59	2B2G1h1e	Mustafabad	CB70	0.45	2.25	0.6	0.81	290	234.9	0			7703	1135		8838
60	2B2G1h2a	Mustafabad	CB27	0.45	2.25	0.6	0.81	304	246.2	0			8074	1190		9264
61	2B2G1h1e	Mustafabad	CB55	0.45	2.25	0.6	0.81	277	224.6	0			7363	1085		8448
62	2B2G1h2a	Mustafabad	CB28	0.45	2.25	0.6	0.81	399	322.9	0			10589	1561		12149
63	2B2G1h2b	Mustafabad	CRB03	3	5.1	0.7	2.835	299	848.1	2086	1	HMP	27811	2477	20000	52374
64	2B2G1h2b	Ramnagar Kol	CRB08	3	5.1	0.7	2.835	245	695.3	1710	1	HMP	22800	2031	20000	46541
65	2B2G1h2b	Mustafabad	CRB02	3	5.1	0.7	2.835	218	617.9	1520	1	HMP	20262	1805	20000	43587
66	2B2G1h2b	Ramnagar Kol	CRB12	3	5.1	0.7	2.835	242	685.6	1686	1	HMP	22480	2002	20000	46168
67	2B2G1h2a	Mustafabad	CRB06	3	5.1	0.7	2.835	285	806.8	1984	2	HMP	26454	2356	40000	70794
68	2B2G1h2b	Ramnagar Kol	CRB11	3	5.1	0.7	2.835	218	617.5	1519	1	HMP	20249	1804	20000	43572
69	2B2G1h2b	Ramnagar Kol	CRB10	3	5.1	0.7	2.835	287	813.4	2000	1	HMP	26671	2376	20000	51046

70	2B2G1h2a	Mustafabad	CRB07	3	5.1	0.7	2.835	166	469.8	1155	1	HMP	15405	1372	20000	37932
71	2B2G1h2b	Mustafabad	CRB07	3	5.1	0.7	2.835	251	711.5	1750	1	HMP	23331	2078	20000	47159
72	2B2G1h2b	Ramnagar Kol	CRB09	3	5.1	0.7	2.835	572	1622.4	3990	2	HMP	53199	4738	40000	101927
73	2B2G1h2a	Mustafabad	CRB15	3	5.1	0.7	2.835	736	2087.5	5134	3	HMP	68449	6097	60000	139680
74	2B2G1h2a	Mustafabad	CRB14	3	5.1	0.7	2.835	630	1785.9	4392	3	HMP	58560	5216	60000	128168
75	2B2G1h2b	Mustafabad	CRB04	3	5.1	0.7	2.835	288	816.4	2008	1	HMP	26770	2384	20000	51163
76	2B2G1h2b	Mustafabad	CRB05	3	5.1	0.7	2.835	196	556.3	1368	1	HMP	18241	1625	20000	41233
77	2B2G1h2b	Mustafabad	CRB06	3	5.1	0.7	2.835	303	859	2113	1	HMP	28167	2509	20000	52789
78	2B2G1h2a	Mustafabad	CRB16	3	5.1	0.7	2.835	336	953.4	2345	2	HMP	31263	2785	40000	76393
79	2B2G1h2b	Mustafabad	CRB01	3	5.1	0.7	2.835	294	832.4	2047	1	HMP	27294	2431	20000	51772
80	2B2G1h1e	Mustafabad	CRB01	3	5.1	0.7	2.835	449	1273.6	3132	2	HMP	41760	3720	40000	88612
81	2B2G1h1e	Mustafabad	CRB06	3	5.1	0.7	2.835	431	1223	3008	2	HMP	40103	3572	40000	86683
82	2B2G1h2a	Mustafabad	CRB17	3	5.1	0.7	2.835	213	604	1485	1	HMP	19805	1764	20000	43054
83	2B2G1h1e	Mustafabad	CRB37	3	5.1	0.7	2.835	622	1763.2	4336	1	HMP	57816	5150	20000	87302
84	2B2G1h2b	Mustafabad	CRB14	3	5.1	0.7	2.835	56	158.8	391	1	HMP	5207	464	20000	26062
85	2B2G1h1e	Mustafabad	CRB04	3	5.1	0.7	2.835	641	1817.2	4469	2	HMP	59587	5307	40000	109363
86	2B2G1h2b	Ramnagar Kol	CRB13	3	5.1	0.7	2.835	333	942.7	2318	1	HMP	30911	2753	20000	55982
87	2B2G1h1e	Mustafabad	CRB03	3	5.1	0.7	2.835	1019	2889.2	7105	4	HMP	94735	8438	80000	190279
88	2B2G1h1e	Mustafabad	CRB02	3	5.1	0.7	2.835	233	659.5	1622	1	HMP	21623	1926	20000	45171
89	2B2G1h2a	Mustafabad	CRB18	3	5.1	0.7	2.835	94	265.3	652	1	HMP	8698	775	20000	30125
90	2B2G1h2b	Ramnagar Kol	CRB15	3	5.1	0.7	2.835	116	329.1	809	1	HMP	10792	961	20000	32563
91	2B2G1h1e	Mustafabad	CRB05	3	5.1	0.7	2.835	86	242.9	597	1	HMP	7964	709	20000	29270
92	2B2G1h2a	Mustafabad	CRB19	3	5.1	0.7	2.835	223	632.7	1556	1	HMP	20746	1848	20000	44150
93	2B2G1h1e	Mustafabad	CRB26	3	5.1	0.7	2.835	251	712.9	1753	1	HMP	23377	2082	20000	47213
94	2B2G1h1e	Mustafabad	CRB36	3	5.1	0.7	2.835	404	1144.3	2814	2	HMP	37521	3342	40000	83677
95	2B2G1h2a	Mustafabad	ECD02	2	10	2	12	264	3164.8	11170	1	MSN	148934	4328	15000	179432
96	2B2G1h1e	Mustafabad	ECD06	2	10	2	12	79	948.7	3348	1	MSN	44646	1297	15000	64292
97	2B2G1h2b	Ramnagar Kol	ECD02	2	10	2	12	100	1200	4235	1	MSN	56472	1641	15000	77348
98	2B2G1h2a	Mustafabad	ECD01	2	10	2	12	250	3005	10606	1	MSN	141417	4109	15000	171132
99	2B2G1h1e	Mustafabad	ECD04	2	10	2	12	150	1800	6353	1	MSN	84708	2461	15000	108522
100	2B2G1h1e	Mustafabad	ECD05	2	10	2	12	150	1800	6353	1	MSN	84708	2462	15000	108523
101	2B2G1h1e	Mustafabad	ECD07	2	10	2	12	150	1800	6353	1	MSN	84708	2462	15000	108523
102	2B2G1h2b	Ramnagar Kol	ECD05	2	10	2	12	100	1200	4235	1	MSN	56472	1641	15000	77348
103	2B2G1h1e	Mustafabad	ECD11	2	10	2	12	150	1800	6353	1	MSN	84708	2461	15000	108522
104	2B2G1h1e	Mustafabad	ECD10	2	10	2	12	150	1800	6353	1	MSN	84708	2461	15000	108522
105	2B2G1h1e	Mustafabad	ECD03	2	10	2	12	245	2936.6	10365	1	MSN	138198	4016	15000	167578
106	2B2G1h1e	Mustafabad	ECD09	2	10	2	12	150	1800	6353	1	MSN	84708	2462	15000	108523
107	2B2G1h1e	Mustafabad	ECD08	2	10	2	12	107	1282.2	4525	1	MSN	60339	1753	15000	81617
108	2B2G1h2b	Ramnagar Kol	ECD07	2	10	2	12	100	1200	4235	1	MSN	56472	1641	15000	77348
109	2B2G1h1e	Mustafabad	ECD02	2	10	2	12	381	4573.5	16142	1	MSN	215229	6254	15000	252626

110	2B2G1h2b	Mustafabad	ECD04	2	10	2	12	102	1224	4320	1	MSN	57599	1674	15000	78593
111	2B2G1h2b	Ramnagar Kol	ECD01	2	10	2	12	100	1200	4235	1	MSN	56472	1641	15000	77348
112	2B2G1h2b	Ramnagar Kol	ECD03	2	10	2	12	150	1800	6353	1	MSN	84708	2462	15000	108523
113	2B2G1h1e	Mustafabad	ECD01	2	10	2	12	457	5488.2	19371	1	MSN	258275	7505	15000	300151
114	2B2G1h2b	Ramnagar Kol	ECD06	2	10	2	12	100	1200	4235	1	MSN	56472	1641	15000	77348
115	2B2G1h1e	Mustafabad	MB18	0.6	3.6	1	2.1	333	699.5	0	1	DSW	22938	2104	7000	32042
116	2B2G1h1e	Mustafabad	MB22	0.6	3.6	1	2.1	77	161.8	0	1	DSW	5305	487	7000	12792
117	2B2G1h2a	Mustafabad	MB07	0.6	3.6	1	2.1	183	383.5	0	1	DSW	12574	1153	7000	20727
118	2B2G1h1e	Mustafabad	MB23	0.6	3.6	1	2.1	189	397.8	0	1	DSW	13045	1196	7000	21241
119	2B2G1h2a	Mustafabad	MB08	0.6	3.6	1	2.1	163	342.5	0	1	DSW	11231	1030	7000	19261
120	2B2G1h2a	Mustafabad	MB01	0.6	3.6	1	2.1	666	1398.9	0	2	DSW	45870	4207	14000	64077
121	2B2G1h1e	Mustafabad	MB26	0.6	3.6	1	2.1	620	1302.8	0			42719	3918		46637
122	2B2G1h2a	Mustafabad	MB02	0.6	3.6	1	2.1	1647	3458.8	0	3	DSW	113413	10401	21000	144814
123	2B2G1h1e	Mustafabad	MB20	0.6	3.6	1	2.1	255	536.4	0	1	DSW	17588	1613	7000	26201
124	2B2G1h2a	Mustafabad	MB05	0.6	3.6	1	2.1	161	337.1	0	1	DSW	11054	1014	7000	19068
125	2B2G1h1e	Mustafabad	MB21	0.6	3.6	1	2.1	105	220	0	1	DSW	7213	661	7000	14874
126	2B2G1h1e	Mustafabad	MB19	0.6	3.6	1	2.1	400	840.2	0	2	DSW	27551	2527	14000	44078
127	2B2G1h2b	Ramnagar Kol	MB05	0.6	3.6	1	2.1	478	1004	0	1	DSW	32921	3019	7000	42940
128	2B2G1h1e	Mustafabad	MB07	0.6	3.6	1	2.1	748	1570.1	0			51484	4722		56205
129	2B2G1h1e	Mustafabad	MB06	0.6	3.6	1	2.1	918	1928	0	4	DSW	63218	5798	28000	97016
130	2B2G1h1e	Mustafabad	MB05	0.6	3.6	1	2.1	338	710.4	0	2	DSW	23294	2136	14000	39431
131	2B2G1h1e	Mustafabad	MB04	0.6	3.6	1	2.1	597	1254.7	0	3	DSW	41141	3773	21000	65914
132	2B2G1h1e	Mustafabad	MB03	0.6	3.6	1	2.1	610	1280.7	0	3	DSW	41996	3851	21000	66847
133	2B2G1h1e	Mustafabad	MB02	0.6	3.6	1	2.1	499	1048.6	0	2	DSW	34384	3153	14000	51538
134	2B2G1h1e	Mustafabad	MB01	0.6	3.6	1	2.1	714	1500	0	3	DSW	49183	4511	21000	74694
135	2B2G1h1e	Mustafabad	MB12	0.6	3.6	1	2.1	44	93.4	0	1	DSW	3063	281	7000	10344
136	2B2G1h2b	Ramnagar Kol	MB06	0.6	3.6	1	2.1	615	1290.8	0	1	DSW	42324	3882	7000	53206
137	2B2G1h2a	Mustafabad	MB06	0.6	3.6	1	2.1	179	376	0	1	DSW	12329	1131	7000	20460
138	2B2G1h2b	Mustafabad	MB01	0.6	3.6	1	2.1	809	1699.5	0	2	DSW	55725	5110	14000	74835
139	2B2G1h2b	Ramnagar Kol	MB03	0.6	3.6	1	2.1	881	1850.7	0	2	DSW	60683	5565	14000	80248
140	2B2G1h2b	Ramnagar Kol	MB02	0.6	3.6	1	2.1	1039	2181.8	0	2	DSW	71541	6561	14000	92102
141	2B2G1h1e	Mustafabad	MB08	0.6	3.6	1	2.1	1547	3248.8	0			106529	9770		116299
142	2B2G1h2a	Mustafabad	MB03	0.6	3.6	1	2.1	378	793.9	0	1	DSW	26033	2388	7000	35421
143	2B2G1h2b	Ramnagar Kol	MB04	0.6	3.6	1	2.1	852	1789.6	0	2	DSW	58682	5382	14000	78063
144	2B2G1h1e	Mustafabad	MB11	0.6	3.6	1	2.1	269	564.3	0	1	DSW	18503	1697	7000	27200
145	2B2G1h1e	Mustafabad	MB10	0.6	3.6	1	2.1	478	1003.8	0	2	DSW	32914	3019	14000	49933
146	2B2G1h2a	Mustafabad	MB04	0.6	3.6	1	2.1	36	75.3	0	1	DSW	2470	227	7000	9697
147	2B2G1h2b	Mustafabad	PB02	0.6	3.6	1	2.1	1525	3202.2	0	3	DSW	105000	9629	21000	135629
148	2B2G1h1e	Mustafabad	PB02	0.6	3.6	1	2.1	696	1461.8	0	2	DSW	47931	4396	14000	66327
149	2B2G1h2b	Ramnagar Kol	PB01	0.6	3.6	1	2.1	1010	2122	0	2	DSW	69580	6381	14000	89961

150	2B2G1h2a	Mustafabad	PB03	0.6	3.6	1	2.1	661	1387.5	0	2	DSW	45496	4172	14000	63669
151	2B2G1h1e	Mustafabad	PB04	0.6	3.6	1	2.1	960	2016	0	2	DSW	66105	6062	14000	86168
152	2B2G1h1e	Mustafabad	PB01	0.6	3.6	1	2.1	1197	2514	0	3	DSW	82434	7560	21000	110994
153	2B2G1h2a	Mustafabad	PB02	0.6	3.6	1	2.1	1072	2250.4	0	3	DSW	73791	6767	21000	101558
Total								69022	146988.2	220347			5408006	417505	1682000	7727862
Details of Water Resources																
Total								0	0	0	0		0	0	0	0
Details of Afforestation and Agro forestry																
154	2B2G1h2a	Mustafabad	AFF03					3857								18529
155	2B2G1h2b	Mustafabad	AFF01					2425								11652
156	2B2G1h2b	Mustafabad	AFF02					4594								22072
157	2B2G1h2b	Mustafabad	AFF03					6649								31952
158	2B2G1h2b	Mustafabad	AFF04					4820								23153
159	2B2G1h1e	Mustafabad	AFF15					6529								31381
160	2B2G1h2b	Ramnagar Kol	AFF06					2612								12553
161	2B2G1h2a	Mustafabad	AFF04					1946								9339
162	2B2G1h2a	Mustafabad	AFF05					2177								10450
163	2B2G1h2a	Mustafabad	AFF06					1937								9309
164	2B2G1h1e	Mustafabad	AFF13					3870								18589
165	2B2G1h1e	Mustafabad	AFF04					1841								8859
166	2B2G1h1e	Mustafabad	AFF05					3013								14474
167	2B2G1h1e	Mustafabad	AFF06					3295								15826
168	2B2G1h1e	Mustafabad	AFF07					1680								8078
169	2B2G1h1e	Mustafabad	AFF08					2632								12643
170	2B2G1h1e	Mustafabad	AFF11					4604								22132
171	2B2G1h1e	Mustafabad	AFF12					1986								9550
172	2B2G1h1e	Mustafabad	AFF03					2419								11622
173	2B2G1h1e	Mustafabad	AFF14					2432								11682
174	2B2G1h2b	Ramnagar Kol	AFF05					872								4204
175	2B2G1h1e	Mustafabad	AFL26					266								3183
176	2B2G1h1e	Mustafabad	AFL27					85								1021
177	2B2G1h1e	Mustafabad	AFL43					694								8348
178	2B2G1h1e	Mustafabad	AFL44					608								7297
179	2B2G1h1e	Mustafabad	AFL45					222								2673
180	2B2G1h1e	Mustafabad	AFL46					894								10751
181	2B2G1h1e	Mustafabad	AFL48					390								4685
182	2B2G1h2a	Mustafabad	AFL16					181								2162
183	2B2G1h1e	Mustafabad	AFL47					704								8468
184	2B2G1h1e	Mustafabad	AFL25					162								1952
185	2B2G1h1e	Mustafabad	AFL24					404								4865

186	2B2G1h1e	Mustafabad	AFL23					444							5345
187	2B2G1h1e	Mustafabad	AFL22					235							2823
188	2B2G1h1e	Mustafabad	AFL21					498							5976
189	2B2G1h1e	Mustafabad	AFL20					137							1652
190	2B2G1h1e	Mustafabad	AFL19					955							11471
191	2B2G1h1e	Mustafabad	AFL18					58							691
192	2B2G1h1e	Mustafabad	AFL49					582							6997
193	2B2G1h2a	Mustafabad	AFL17					224							2703
194	2B2G1h2a	Mustafabad	AFL09					242							2913
195	2B2G1h1e	Mustafabad	AFL17					623							7477
196	2B2G1h1e	Mustafabad	AFL02					489							5886
197	2B2G1h2a	Mustafabad	AFL14					334							4024
198	2B2G1h2a	Mustafabad	AFL13					167							2012
199	2B2G1h2a	Mustafabad	AFL12					285							3423
200	2B2G1h2a	Mustafabad	AFL11					705							8468
201	2B2G1h2a	Mustafabad	AFL10					704							8468
202	2B2G1h1e	Mustafabad	AFL07					323							3874
203	2B2G1h1e	Mustafabad	AFL06					405							4865
204	2B2G1h1e	Mustafabad	AFL05					174							2102
205	2B2G1h2a	Mustafabad	AFL07					205							2462
206	2B2G1h1e	Mustafabad	AFL03					172							2072
207	2B2G1h1e	Mustafabad	AFL50					1478							17748
208	2B2G1h2a	Mustafabad	AFL08					282							3393
209	2B2G1h2a	Mustafabad	AFL06					266							3183
210	2B2G1h2a	Mustafabad	AFL05					266							3183
211	2B2G1h2a	Mustafabad	AFL04					113							1351
212	2B2G1h2a	Mustafabad	AFL03					271							3243
213	2B2G1h2a	Mustafabad	AFL02					241							2883
214	2B2G1h2a	Mustafabad	AFL01					240							2883
215	2B2G1h1e	Mustafabad	AFL52					339							4084
216	2B2G1h1e	Mustafabad	AFL51					583							6997
217	2B2G1h1e	Mustafabad	AFL04					220							2643
Total															520749
Grand Total															8248611

Name of Gram Panchayat : Nerwal

S.No	Watershed Code	Village Name	Structure Code	Top width (T) m	Base width (B) m	Height (H) m	CS (T+B)/2*H sqm	Length m	Earth Work Cum	Dressing + Others	Outlets	Type of outlet	EW Cost (Rs.)	Sodding cost (Rs.)	Outlet cost (Rs.)	Total cost (Rs.)
Details of Soil Moisture measures																
1	2B2G1h1e	Nerwal	CB59	0.45	2.25	0.6	0.81	458	371.1	0			12169	1794		13963
2	2B2G1h1e	Nerwal	CB46	0.45	2.25	0.6	0.81	490	396.6	0			13005	1917		14922
3	2B2G1h1e	Nerwal	CB47	0.45	2.25	0.6	0.81	324	262.2	0			8598	1267		9865
4	2B2G1h1e	Balipur Bodawa	CB48	0.45	2.25	0.6	0.81	290	235.2	0			7711	1137		8848
5	2B2G1h1e	Balipur Bodawa	CB51	0.45	2.25	0.6	0.81	93	75	0			2459	362		2821
6	2B2G1h1e	Balipur Bodawa	CB53	0.45	2.25	0.6	0.81	364	294.7	0			9662	1424		11086
7	2B2G1h1e	Balipur Bodawa	CB41	0.45	2.25	0.6	0.81	361	292.4	0			9588	1413		11001
8	2B2G1h1e	Balipur Bodawa	CB35	0.45	2.25	0.6	0.81	186	150.8	0			4946	729		5675
9	2B2G1h1e	Balipur Bodawa	CB83	0.45	2.25	0.6	0.81	301	244.2	0			8008	1180		9188
10	2B2G1h1e	Balipur Bodawa	CB34	0.45	2.25	0.6	0.81	233	188.5	0			6181	911		7092
11	2B2G1h1e	Nerwal	CB57	0.45	2.25	0.6	0.81	204	164.9	0			5406	797		6203
12	2B2G1h1e	Nerwal	CB58	0.45	2.25	0.6	0.81	225	181.9	0			5966	879		6845
13	2B2G1h1e	Balipur Bodawa	CB45	0.45	2.25	0.6	0.81	427	345.7	0			11334	1671		13005
14	2B2G1h1e	Balipur Bodawa	CB32	0.45	2.25	0.6	0.81	216	175.4	0			5750	848		6597
15	2B2G1h1e	Nerwal	CB56	0.45	2.25	0.6	0.81	247	200.3	0			6569	968		7538
16	2B2G1h1e	Balipur Bodawa	CB75	0.45	2.25	0.6	0.81	203	164.7	0			5400	796		6196
17	2B2G1h1e	Balipur Bodawa	CB17	0.45	2.25	0.6	0.81	240	194.7	0			6384	941		7326
18	2B2G1h1e	Balipur Bodawa	CB76	0.45	2.25	0.6	0.81	487	394.8	0			12946	1908		14854
19	2B2G1h1e	Balipur Bodawa	CB82	0.45	2.25	0.6	0.81	293	237.7	0			7794	1149		8942
20	2B2G1h1e	Balipur Bodawa	CB77	0.45	2.25	0.6	0.81	248	200.8	0			6585	971		7555
21	2B2G1h1e	Balipur Bodawa	CB78	0.45	2.25	0.6	0.81	186	150.5	0			4934	727		5662
22	2B2G1h1e	Balipur Bodawa	CB31	0.45	2.25	0.6	0.81	303	245.8	0			8059	1188		9247
23	2B2G1h1e	Balipur Bodawa	CB81	0.45	2.25	0.6	0.81	440	356.8	0			11699	1724		13423
24	2B2G1h1e	Balipur Bodawa	CB80	0.45	2.25	0.6	0.81	273	221.2	0			7253	1069		8322
25	2B2G1h1e	Balipur Bodawa	CB79	0.45	2.25	0.6	0.81	155	125.2	0			4104	605		4709
26	2B2G1h1e	Balipur Bodawa	CB19	0.45	2.25	0.6	0.81	1128	913.6	0			29957	4416		34373
27	2B2G1h1e	Balipur Bodawa	CRB16	3	5.1	0.7	2.835	89	253.1	622	1	HMP	8299	739	20000	29661
28	2B2G1h1e	Balipur Bodawa	CRB18	3	5.1	0.7	2.835	238	674.1	1658	1	HMP	22105	1969	20000	45732
29	2B2G1h1e	Balipur Bodawa	CRB22	3	5.1	0.7	2.835	215	610.8	1502	1	HMP	20029	1784	20000	43315
30	2B2G1h1e	Balipur Bodawa	CRB21	3	5.1	0.7	2.835	255	722.1	1776	1	HMP	23678	2109	20000	47563
31	2B2G1h1e	Balipur Bodawa	CRB17	3	5.1	0.7	2.835	432	1223.4	3009	2	HMP	40115	3573	40000	86698
32	2B2G1h1e	Balipur Bodawa	CRB15	3	5.1	0.7	2.835	396	1123.8	2764	1	HMP	36851	3282	20000	62897
33	2B2G1h1e	Balipur Bodawa	CRB25	3	5.1	0.7	2.835	230	652.9	1606	1	HMP	21407	1907	20000	44920
34	2B2G1h1e	Balipur Bodawa	CRB11	3	5.1	0.7	2.835	549	1555.6	3826	2	HMP	51008	4543	40000	99377
35	2B2G1h1e	Nerwal	CRB28	3	5.1	0.7	2.835	188	533.9	1313	1	HMP	17505	1559	20000	40377

36	2B2G1h1e	Nerwal	CRB29	3	5.1	0.7	2.835	194	550.6	1354	1	HMP	18053	1608	20000	41015
37	2B2G1h1e	Nerwal	CRB30	3	5.1	0.7	2.835	180	508.9	1252	1	HMP	16687	1486	20000	39425
38	2B2G1h1e	Nerwal	CRB31	3	5.1	0.7	2.835	386	1095.2	2693	1	HMP	35911	3199	20000	61802
39	2B2G1h1e	Nerwal	CRB32	3	5.1	0.7	2.835	290	822.6	2023	1	HMP	26973	2403	20000	51399
40	2B2G1h1e	Balipur Bodawa	CRB41	3	5.1	0.7	2.835	201	571	1404	1	HMP	18723	1668	20000	41795
41	2B2G1h1e	Balipur Bodawa	CRB42	3	5.1	0.7	2.835	271	767.7	1888	1	HMP	25173	2242	20000	49303
42	2B2G1h1e	Balipur Bodawa	CRB43	3	5.1	0.7	2.835	379	1073.4	2640	1	HMP	35197	3135	20000	60972
43	2B2G1h1e	Balipur Bodawa	CRB44	3	5.1	0.7	2.835	279	789.8	1942	1	HMP	25896	2307	20000	50145
44	2B2G1h1e	Balipur Bodawa	CRB45	3	5.1	0.7	2.835	367	1040	2558	1	HMP	34103	3038	20000	59698
45	2B2G1h1e	Nerwal	CRB27	3	5.1	0.7	2.835	112	317.2	780	1	HMP	10402	926	20000	32108
46	2B2G1h1e	Nerwal	MB14	0.6	3.6	1	2.1	517	1084.9	0	2	DSW	35575	3263	14000	52838
Total								14143	22755.7	36610			746157	79531	434000	1296298
Details of Water Resources				PLength	PWidth	PDepth										
47	2B2G1h1e	Balipur Bodawa	PND01	60	44.34041	4.6			6007.7	0	2	HMP	308385		80000	411514
48	2B2G1h1e	Balipur Bodawa	PND02	52.8	30.03654	5.75			3388.7	0	2	HMP	173814		80000	266850
Total								0	9396.4	0	4		482199	0	160000	678364
Details of Afforestation and Agro forestry																
49	2B2G1h1e	Balipur Bodawa	AFF10					3582								17207
50	2B2G1h1e	Balipur Bodawa	AFF01					4250								20420
51	2B2G1h1e	Balipur Bodawa	AFL38					434								5225
52	2B2G1h1e	Balipur Bodawa	AFL37					86								1021
53	2B2G1h1e	Balipur Bodawa	AFL36					301								3604
54	2B2G1h1e	Nerwal	AFL35					179								2162
55	2B2G1h1e	Nerwal	AFL34					197								2372
56	2B2G1h1e	Nerwal	AFL33					189								2282
57	2B2G1h1e	Nerwal	AFL32					113								1351
58	2B2G1h1e	Balipur Bodawa	AFL31					363								4354
59	2B2G1h1e	Balipur Bodawa	AFL30					266								3183
60	2B2G1h1e	Balipur Bodawa	AFL29					237								2853
61	2B2G1h1e	Balipur Bodawa	AFL28					216								2583
62	2B2G1h1e	Balipur Bodawa	AFL10					200								2402
63	2B2G1h1e	Balipur Bodawa	AFL09					251								3003
Total																74022
Grand Total																2048684

Name of Gram Panchayat : Rahatikar

S.No	Watershed Code	Village Name	Structure Code	Top width (T) m	Base width (B) m	Height (H) m	CS (T+B)/2*H sqm	Length m	Earth Work Cum	Dressing + Others	Outlets	Type of outlet	EW Cost (Rs.)	Sodding cost (Rs.)	Outlet cost (Rs.)	Total cost (Rs.)
Details of Soil Moisture measures																
1	2B2G1h1e	Rahatikar	CB14	0.45	2.25	0.6	0.81	947	767.4	0			25161	3709		28870
2	2B2G1h1e	Rahatikar	CB23	0.45	2.25	0.6	0.81	257	208.2	0			6826	1006		7832
3	2B2G1h1e	Rahatikar	CB64	0.45	2.25	0.6	0.81	248	200.5	0			6576	969		7545
4	2B2G1h1e	Rahatikar	CB21	0.45	2.25	0.6	0.81	439	356	0			11672	1720		13392
5	2B2G1h1e	Rahatikar	CB01	0.45	2.25	0.6	0.81	359	291.1	0			9547	1407		10954
6	2B2G1h1e	Rahatikar	CB20	0.45	2.25	0.6	0.81	439	355.5	0			11657	1718		13375
7	2B2G1h1e	Rahatikar	CB18	0.45	2.25	0.6	0.81	148	119.8	0			3927	579		4506
8	2B2G1h1e	Rahatikar	CB26	0.45	2.25	0.6	0.81	201	162.6	0			5331	786		6117
9	2B2G1h1e	Rahatikar	CB15	0.45	2.25	0.6	0.81	625	506.5	0			16608	2448		19056
10	2B2G1h1e	Rahatikar	CB22	0.45	2.25	0.6	0.81	249	201.8	0			6618	976		7594
11	2B2G1h1e	Rahatikar	CB13	0.45	2.25	0.6	0.81	650	526.6	0			17266	2545		19811
12	2B2G1h1e	Rahatikar	CB12	0.45	2.25	0.6	0.81	611	494.6	0			16217	2390		18608
13	2B2G1h1e	Rahatikar	CB11	0.45	2.25	0.6	0.81	1063	861.1	0			28237	4162		32399
14	2B2G1h1e	Rahatikar	CB10	0.45	2.25	0.6	0.81	593	480.1	0			15742	2320		18063
15	2B2G1h1e	Rahatikar	CB09	0.45	2.25	0.6	0.81	951	770.1	0			25252	3722		28974
16	2B2G1h1e	Rahatikar	CB08	0.45	2.25	0.6	0.81	352	285	0			9345	1378		10723
17	2B2G1h1e	Rahatikar	CB16	0.45	2.25	0.6	0.81	976	790.9	0			25932	3822		29755
18	2B2G1h1e	Rahatikar	CB61	0.45	2.25	0.6	0.81	241	194.9	0			6389	942		7331
19	2B2G1h1e	Rahatikar	CB28	0.45	2.25	0.6	0.81	530	428.9	0			14064	2073		16137
20	2B2G1h1e	Rahatikar	CB29	0.45	2.25	0.6	0.81	139	112.9	0			3702	546		4248
21	2B2G1h1e	Rahatikar	CB50	0.45	2.25	0.6	0.81	229	185.4	0			6078	896		6974
22	2B2G1h1e	Rahatikar	CB52	0.45	2.25	0.6	0.81	187	151.2	0			4957	731		5688
23	2B2G1h1e	Rahatikar	CB63	0.45	2.25	0.6	0.81	229	185.8	0			6093	898		6991
24	2B2G1h1e	Rahatikar	CB60	0.45	2.25	0.6	0.81	96	77.4	0			2539	374		2913
25	2B2G1h1e	Rahatikar	CB27	0.45	2.25	0.6	0.81	353	285.8	0			9370	1381		10751
26	2B2G1h1e	Rahatikar	CB62	0.45	2.25	0.6	0.81	248	200.7	0			6583	970		7553
27	2B2G1h1e	Rahatikar	CRB07	3	5.1	0.7	2.835	188	532.6	1310	1	HMP	17466	1556	20000	40331
28	2B2G1h1e	Rahatikar	CRB08	3	5.1	0.7	2.835	463	1312	3227	2	HMP	43022	3832	40000	90081
29	2B2G1h1e	Rahatikar	CRB09	3	5.1	0.7	2.835	234	662.3	1629	1	HMP	21718	1934	20000	45282
30	2B2G1h1e	Rahatikar	CRB34	3	5.1	0.7	2.835	451	1278.6	3145	1	HMP	41927	3734	20000	68806
31	2B2G1h1e	Rahatikar	CRB13	3	5.1	0.7	2.835	122	346.9	853	1	HMP	11376	1013	20000	33242
32	2B2G1h1e	Rahatikar	CRB12	3	5.1	0.7	2.835	397	1125.4	2768	1	HMP	36902	3287	20000	62957
33	2B2G1h1e	Rahatikar	CRB33	3	5.1	0.7	2.835	185	523.5	1287	1	HMP	17167	1529	20000	39983
34	2B2G1h1e	Rahatikar	CRB46	3	5.1	0.7	2.835	185	524.7	1290			17206	1533		20028
35	2B2G1h1e	Rahatikar	CRB24	3	5.1	0.7	2.835	174	494	1215	1	HMP	16197	1443	20000	38855
36	2B2G1h1e	Rahatikar	CRB14	3	5.1	0.7	2.835	403	1141.1	2806	2	HMP	37416	3333	40000	83555

37	2B2G1h1e	Rahatkar	CRB10	3	5.1	0.7	2.835	213	604.7	1487	1	HMP	19827	1766	20000	43080
38	2B2G1h1e	Rahatkar	MB15	0.6	3.6	1	2.1	285	598.2	0	1	DSW	19615	1799	7000	28414
39	2B2G1h1e	Rahatkar	MB16	0.6	3.6	1	2.1	239	502.8	0	1	DSW	16488	1512	7000	25000
40	2B2G1h1e	Rahatkar	MB17	0.6	3.6	1	2.1	159	334.1	0	1	DSW	10956	1005	7000	18960
41	2B2G1h1e	Rahatkar	MB09	0.6	3.6	1	2.1	1224	2570.2	0			84278	7729		92007
42	2B2G1h1e	Rahatkar	PB03	0.6	3.6	1	2.1	1709	3589.8	0	4	DSW	117711	10795	28000	156506
Total								17991	25341.7	21017			830961	92268	289000	1233247
Details of Water Resources				PLength	PWidth	PDepth										
43	2B2G1h1e	Rahatkar	PND05	49.2	29.21583	4.6			2773.7	0	2	HMP	141960		80000	232607
44	2B2G1h1e	Rahatkar	PND04	74.4	64.61139	5.75			13971	0	2	HMP	720214		80000	854230
45	2B2G1h1e	Rahatkar	PND03	56.4	40.25371	4.6			4960.5	0	2	HMP	254485		80000	353571
Total								0	21705.2	0	6		1116659	0	240000	1440408
Details of Afforestation and Agro forestry																
46	2B2G1h1e	Rahatkar	AFF17					3628								17417
47	2B2G1h1e	Rahatkar	AFF09					4220								20270
48	2B2G1h1e	Rahatkar	AFF02					1788								8589
49	2B2G1h1e	Rahatkar	AFL42					214								2583
50	2B2G1h1e	Rahatkar	AFL41					460								5526
51	2B2G1h1e	Rahatkar	AFL40					232								2793
52	2B2G1h1e	Rahatkar	AFL39					271								3243
Total																60421
Grand Total																2734076

Name of Gram Panchayat : Raki

S.No	Watershed Code	Village Name	Structure Code	Top width (T) m	Base width (B) m	Height (H) m	CS (T+B)/2*H sqm	Length m	Earth Work Cum	Dressing + Others	Outlets	Type of outlet	EW Cost (Rs.)	Sodding cost (Rs.)	Outlet cost (Rs.)	Total cost (Rs.)
Details of Soil Moisture measures																
1	2B2G1h2a	Raki	CB29	0.45	2.25	0.6	0.81	1058	856.9	0			28099	4142		32240
2	2B2G1h1e	Raki	CB36	0.45	2.25	0.6	0.81	134	108.7	0			3564	525		4089
3	2B2G1h1e	Raki	CB33	0.45	2.25	0.6	0.81	369	299.1	0			9808	1446		11253
4	2B2G1h1e	Raki	CB74	0.45	2.25	0.6	0.81	306	247.6	0			8118	1197		9315
5	2B2G1h2a	Paranipur	CB42	0.45	2.25	0.6	0.81	302	244.8	0			8027	1183		9210
6	2B2G1h2a	Paranipur	CB01	0.45	2.25	0.6	0.81	1413	1144.1	0			37517	5530		43047
7	2B2G1h1e	Raki	CB24	0.45	2.25	0.6	0.81	329	266.3	0			8731	1287		10018
8	2B2G1h2a	Raki	CB35	0.45	2.25	0.6	0.81	400	323.7	0			10615	1565		12179
9	2B2G1h2a	Raki	CB34	0.45	2.25	0.6	0.81	746	604.2	0			19813	2921		22734

10	2B2G1h2a	Raki	CB33	0.45	2.25	0.6	0.81	138	111.6	0			3660	539		4199
11	2B2G1h2a	Raki	CB32	0.45	2.25	0.6	0.81	340	275.4	0			9029	1331		10360
12	2B2G1h1e	Raki	CB37	0.45	2.25	0.6	0.81	145	117.3	0			3848	567		4415
13	2B2G1h2a	Raki	CB30	0.45	2.25	0.6	0.81	695	563.2	0			18468	2722		21190
14	2B2G1h2a	Raki	CB43	0.45	2.25	0.6	0.81	481	389.8	0			12781	1884		14665
15	2B2G1h2a	Paranipur	CB20	0.45	2.25	0.6	0.81	1324	1072.6	0			35169	5184		40353
16	2B2G1h2a	Paranipur	CB18	0.45	2.25	0.6	0.81	329	266.3	0			8732	1287		10020
17	2B2G1h2a	Paranipur	CB17	0.45	2.25	0.6	0.81	423	342.7	0			11237	1656		12893
18	2B2G1h2a	Paranipur	CB16	0.45	2.25	0.6	0.81	237	192.2	0			6302	929		7231
19	2B2G1h2a	Paranipur	CB15	0.45	2.25	0.6	0.81	933	755.7	0			24779	3652		28431
20	2B2G1h2a	Paranipur	CB07	0.45	2.25	0.6	0.81	342	277.4	0			9095	1341		10435
21	2B2G1h2a	Paranipur	CB06	0.45	2.25	0.6	0.81	253	204.8	0			6716	990		7706
22	2B2G1h2a	Paranipur	CB05	0.45	2.25	0.6	0.81	121	97.7	0			3205	472		3677
23	2B2G1h2a	Paranipur	CB04	0.45	2.25	0.6	0.81	194	156.8	0			5142	758		5900
24	2B2G1h2a	Paranipur	CB03	0.45	2.25	0.6	0.81	986	798.7	0			26191	3861		30051
25	2B2G1h2a	Raki	CB31	0.45	2.25	0.6	0.81	455	368.5	0			12083	1781		13864
26	2B2G1h1e	Raki	CB44	0.45	2.25	0.6	0.81	258	208.8	0			6848	1009		7857
27	2B2G1h2a	Paranipur	CB48	0.45	2.25	0.6	0.81	529	428.3	0			14043	2070		16113
28	2B2G1h2a	Paranipur	CB49	0.45	2.25	0.6	0.81	179	144.8	0			4749	700		5449
29	2B2G1h2a	Paranipur	CB50	0.45	2.25	0.6	0.81	735	595.7	0			19534	2879		22413
30	2B2G1h1e	Raki	CB72	0.45	2.25	0.6	0.81	462	374.6	0			12282	1810		14093
31	2B2G1h1e	Raki	CB71	0.45	2.25	0.6	0.81	255	206.5	0			6772	998		7770
32	2B2G1h1e	Raki	CB49	0.45	2.25	0.6	0.81	228	184.7	0			6057	893		6950
33	2B2G1h2a	Paranipur	CB47	0.45	2.25	0.6	0.81	195	158.3	0			5189	765		5954
34	2B2G1h1e	Raki	CB43	0.45	2.25	0.6	0.81	307	248.5	0			8149	1201		9350
35	2B2G1h1e	Raki	CB73	0.45	2.25	0.6	0.81	208	168.4	0			5522	814		6336
36	2B2G1h2a	Paranipur	CB37	0.45	2.25	0.6	0.81	64	51.7	0			1694	250		1944
37	2B2G1h1e	Raki	CB39	0.45	2.25	0.6	0.81	267	216.6	0			7102	1047		8149
38	2B2G1h1e	Raki	CB38	0.45	2.25	0.6	0.81	387	313.8	0			10291	1517		11808
39	2B2G1h1e	Raki	CB68	0.45	2.25	0.6	0.81	97	78.7	0			2580	380		2960
40	2B2G1h2a	Paranipur	CRB09	3	5.1	0.7	2.835	123	347.8	855	1	HMP	11406	1016	20000	33277
41	2B2G1h2a	Paranipur	CRB08	3	5.1	0.7	2.835	246	698	1717	1	HMP	22888	2039	20000	46644
42	2B2G1h2a	Paranipur	CRB05	3	5.1	0.7	2.835	197	559.5	1376	1	HMP	18346	1634	20000	41356
43	2B2G1h1e	Raki	CRB39	3	5.1	0.7	2.835	355	1007.2	2477	1	HMP	33026	2942	20000	58445
44	2B2G1h2a	Paranipur	CRB04	3	5.1	0.7	2.835	492	1396.1	3433	2	HMP	45779	4078	40000	93290
45	2B2G1h2a	Paranipur	CRB10	3	5.1	0.7	2.835	255	721.5	1774	1	HMP	23659	2107	20000	47540
46	2B2G1h2a	Paranipur	CRB03	3	5.1	0.7	2.835	156	441.6	1086	1	HMP	14479	1290	20000	36855
47	2B2G1h2a	Paranipur	CRB02	3	5.1	0.7	2.835	152	430.7	1059	1	HMP	14122	1258	20000	36439
48	2B2G1h2a	Paranipur	CRB01	3	5.1	0.7	2.835	263	745.8	1834	2	HMP	24455	2178	40000	68467
49	2B2G1h1e	Raki	CRB40	3	5.1	0.7	2.835	327	927.1	2280	1	HMP	30401	2708	20000	55389

50	2B2G1h2a	Paranipur	CRB21	3	5.1	0.7	2.835	243	687.6	1691	1	HMP	22547	2008	20000	46246
51	2B2G1h1e	Raki	CRB20	3	5.1	0.7	2.835	265	751.2	1847	1	HMP	24631	2194	20000	48672
52	2B2G1h1e	Raki	CRB19	3	5.1	0.7	2.835	233	661.6	1627	1	HMP	21692	1932	20000	45252
53	2B2G1h1e	Raki	CRB35	3	5.1	0.7	2.835	118	335.6	825	1	HMP	11006	980	20000	32811
54	2B2G1h2a	Paranipur	CRB20	3	5.1	0.7	2.835	387	1096.9	2698	1	HMP	35968	3204	20000	61870
55	2B2G1h2a	Paranipur	CRB11	3	5.1	0.7	2.835	157	445.5	1095	1	HMP	14606	1301	20000	37002
56	2B2G1h2a	Paranipur	CRB22	3	5.1	0.7	2.835	197	557.3	1370	1	HMP	18273	1628	20000	41271
57	2B2G1h1e	Raki	CRB23	3	5.1	0.7	2.835	130	367.2	903	1	HMP	12042	1073	20000	34017
58	2B2G1h2a	Paranipur	CRB13	3	5.1	0.7	2.835	75	211.5	520	1	HMP	6935	618	20000	28072
59	2B2G1h1e	Raki	CRB38	3	5.1	0.7	2.835	338	959.3	2359	1	HMP	31455	2802	20000	56616
60	2B2G1h2a	Paranipur	CRB12	3	5.1	0.7	2.835	178	505.8	1244	1	HMP	16585	1477	20000	39306
61	2B2G1h1e	Raki	MB27	0.6	3.6	1	2.1	599	1257	0	1	DSW	41216	3780	7000	51996
62	2B2G1h1e	Raki	MB24	0.6	3.6	1	2.1	361	758.1	0	2	DSW	24857	2280	14000	41136
63	2B2G1h1e	Raki	MB13	0.6	3.6	1	2.1	539	1132.2	0	2	DSW	37125	3405	14000	54530
64	2B2G1h1e	Raki	MB25	0.6	3.6	1	2.1	387	812.9	0	2	DSW	26654	2444	14000	43098
65	2B2G1h2a	Paranipur	PB01	0.6	3.6	1	2.1	936	1965.9	0	3	DSW	64463	5912	21000	91375
Total								24333	33246.4	34070			1090157	123371	530000	1777593
Details of Water Resources				PLength	PWidth	PDepth										
66	2B2G1h2a	Paranipur	PND05	64.8	36.74581	5.75			5798.9	0	2	HMP	298125		80000	400484
67	2B2G1h2a	Paranipur	PND04	57.6	30.84729	5.75			3920.5	0	2	HMP	201206		80000	296296
68	2B2G1h2a	Paranipur	PND03	78	48.96733	4.6			9124.4	0	2	HMP	468817		80000	583978
69	2B2G1h2a	Paranipur	PND02	57.6	40.00922	4.6			5044.9	0	2	HMP	258820		80000	358232
70	2B2G1h2a	Paranipur	PND01	51.6	36.75222	4.6			3981.9	0	2	HMP	204131		80000	299441
71	2B2G1h1e	Raki	PND07	58.8	42.18323	4.6			5519.3	0	2	HMP	283242		80000	384485
72	2B2G1h1e	Raki	PND06	63.6	52.37737	4.6			7850.4	0	2	HMP	403271		80000	513516
Total								0	41240.3	0	14		2117612	0	560000	2836432
Details of Afforestation and Agro forestry																
73	2B2G1h1e	Raki	AFF16					4697								22583
74	2B2G1h2a	Paranipur	AFF02					6458								31021
75	2B2G1h2a	Paranipur	AFF01					2214								10631
76	2B2G1h1e	Raki	AFF18					2393								11501
77	2B2G1h1e	Raki	AFL13					231								2763
78	2B2G1h2a	Paranipur	AFL15					383								4595
79	2B2G1h2a	Paranipur	AFL18					153								1832
80	2B2G1h2a	Paranipur	AFL19					178								2132
81	2B2G1h2a	Paranipur	AFL20					484								5826
82	2B2G1h1e	Raki	AFL08					336								4024
83	2B2G1h1e	Raki	AFL01					581								6967
84	2B2G1h1e	Raki	AFL12					325								3904
85	2B2G1h1e	Raki	AFL14					265								3183

86	2B2G1h1e	Raki	AFL15					356								4264
87	2B2G1h1e	Raki	AFL16					119								1441
88	2B2G1h1e	Raki	AFL11					120								1441
Total																118108
Grand Total																4732133

ANNEXURE-II
Contribution to Watershed Development Fund (WDF)

Name of Gram Panchayat :Mustafabad

Beneficiary wise details of Proposed / Planned Watershed Development Activities

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
1	Mustafabad	2B2G1h1e	Mustfabad	CB02		7.473	0.038	26013.000	7
2					1259		0.556		97
3					1475		0.483		84
4					1476		0.164		29
5					1477		0.116		20
6					1480		0.485		84
7					1481		0.141		24
8					1482		0.381		66
9					1483		0.365		64
10					1484		0.217		38
11					1487		0.181		32
12					1489		0.197		34
13					1516		0.722		126
14					2347		0.166		29
15					2348		0.072		13
16					2349		0.077		13
17					2350		0.449		78
18					2351		0.118		20
19					2352		0.197		34
20					2353		0.097		17
21					2354		0.101		18
22					2355		2.149		374
23				CB03	1537	9.190	0.941	29091.000	149
24					1538		0.664		105

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
25					1539		0.232		37
26					1540		0.182		29
27					1541		0.183		29
28					2133		0.926		147
29					2159		2.088		330
30					2322		0.504		80
31					2323		0.391		62
32					2327		1.044		165
33					2328		0.072		11
34					2330		0.233		37
35					2337		0.685		108
36					2784		0.451		71
37					2785		0.595		94
38				CB04		15.859	0.610	54160.000	104
39							0.162		28
40							0.228		39
41							0.195		33
42					1585		0.468		80
43					1586		0.496		85
44					1587		0.330		56
45					1588		0.082		14
46					1589		0.146		25
47					2059		2.875		491
48					2108		0.515		88
49					2110		0.623		106
50					2112		0.040		7
51					2114		0.032		6
52					2115		0.020		3
53					2117		0.015		3
54					2118		0.011		2

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
55					2119		0.042		7
56					2120		0.144		25
57					2121		0.373		64
58					2122		0.188		32
59					2123		0.094		16
60					2124		0.091		15
61					2126		0.123		21
62					2135		0.766		131
63					2136		0.278		47
64					2138		0.615		105
65					2139		0.317		54
66					2140		0.176		30
67					2141		0.237		41
68					2155		0.472		81
69					2156		0.176		30
70					2157		0.050		9
71					216		0.018		3
72					2160		0.359		61
73					2161		0.896		153
74					2314		0.406		69
75					2317		0.077		13
76					2318		0.085		15
77					2319		0.359		61
78					2803		0.714		122
79					2804		0.647		111
80					2805		1.052		180
81					2806		0.253		43
82				CB05	2145	1.300	0.117	3569.000	16
83					2146		0.097		13
84					2147		0.132		18

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
85					2148		0.424		58
86					2150		0.531		73
87				CB06		12.692	0.238	60978.000	57
88							0.694		167
89					1726		0.105		25
90					1895		1.422		342
91					1897		0.605		145
92					1898		0.073		18
93					1902		0.440		106
94					1903		0.745		179
95					1906		1.315		316
96					1994		0.197		47
97					1995		0.377		90
98					2004		0.401		96
99					2011		0.268		64
100					2012		0.248		59
101					2013		0.295		71
102					2014		0.401		96
103					2185		0.322		77
104					2186		0.617		148
105					2187		0.277		67
106					2306		0.664		159
107					2308		0.725		174
108					2310		0.946		227
109					2808		1.317		316
110				CB07		1.513	0.190	8196.000	52
111							0.212		57
112					17205		0.784		212
113					1727		0.327		88
114				CB25		1.950	0.315	3666.000	30

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
115							0.051		5
116					2144		0.777		73
117					2149		0.569		54
118					2181		0.238		22
119				CB30	1277	5.075	0.603	14573.000	87
120					1278		0.576		83
121					1461		1.253		180
122					1463		0.278		40
123					1465		0.327		47
124					1466		0.199		29
125					1467		0.111		16
126					1468		0.278		40
127					1469		0.302		43
128					1471		0.085		12
129					1472		0.092		13
130					1473		0.385		55
131					1479		0.587		84
132				CB40		3.261	0.152	7626.000	18
133							1.114		130
134					1745		0.329		38
135					1747		0.390		46
136					1748		0.342		40
137					1760		0.147		17
138					2210		0.430		50
139					2216		0.252		30
140					2220		0.045		5
141					2221		0.058		7
142				CB42	1320	1.005	0.080	9502.000	38
143					1321		0.174		82
144					1322		0.180		85

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
145					1326		0.156		74
146					1327		0.139		66
147					1331		0.107		51
148					1344		0.123		58
149					1345		0.046		22
150				CB54		2.027	0.219	6894.000	37
151					1807		0.023		4
152					1808		1.785		304
153				CB55	1829	2.964	0.607	8448.000	86
154					1830		0.395		56
155					1831		0.386		55
156					1832		1.576		225
157				CB65	2668	2.496	0.201	12368.000	50
158					2670		1.364		338
159					2676		0.931		231
160				CB66	2451	0.740	0.338	5332.000	122
161					2673		0.401		145
162				CB67	1391	1.383	0.265	6295.000	60
163					1392		0.126		29
164					1393		0.071		16
165					1394		0.163		37
166					1398		0.757		172
167				CB69		1.879	0.080	10412.000	22
168							0.112		31
169					2362		0.470		130
170					2367		0.220		61
171					2370		0.247		68
172					2371		0.083		23
173					2373		0.183		51
174					2383		0.317		88

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
175					2384		0.091		25
176					2385		0.077		21
177				CB70		1.508	0.110	8838.000	32
178					1458		0.182		53
179					1460		0.399		117
180					2397		0.284		83
181					2398		0.118		35
182					2399		0.234		69
183					2400		0.181		53
184				CRB01	2154	7.174	1.685	88612.000	1041
185					2162		0.842		520
186					2163		0.645		399
187					2165		3.297		2036
188					2315		0.704		435
189				CRB02		4.459	0.163	45171.000	83
190					2045		0.216		110
191					2062		0.120		61
192					2062		0.952		483
193					2064		1.048		531
194					2071		0.755		382
195					2072		0.389		197
196					2073		0.815		413
197				CRB03		21.057	0.184	190279.000	83
198							0.218		99
199							0.305		138
200							0.466		211
201							0.387		175
202							0.367		166
203							0.217		98
204							0.338		153

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
205							0.016		7
206							0.380		172
207					1723		1.672		755
208					1726		1.088		492
209					1789		0.641		290
210					1811		0.827		374
211					1818		0.234		106
212					1820		0.295		133
213					1821		0.211		95
214					1823		0.139		63
215					1827		2.705		1222
216					2023		1.016		459
217					2028		0.813		367
218					2029		0.299		135
219					2030		0.190		86
220					2031		0.248		112
221					2032		0.186		84
222					2033		0.144		65
223					2036		1.039		470
224					2038		0.049		22
225					2039		0.189		85
226					2051		1.367		618
227					2052		0.561		254
228					2054		0.530		239
229					2055		0.535		242
230					2087		0.169		76
231					2089		0.466		211
232					2090		0.650		294
233					2091		1.390		628
234					2092		0.527		238

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
235				CRB04		13.968	0.233	109363.000	91
236					1795		0.896		351
237					1797		0.189		74
238					1798		0.163		64
239					1799		0.196		77
240					1800		0.027		11
241					1801		0.381		149
242					1802		0.298		117
243					1833		2.588		1013
244					1837		0.656		257
245					1841		0.113		44
246					1842		0.250		98
247					1843		0.230		90
248					1844		0.172		67
249					1845		1.086		425
250					1848		2.429		951
251					1894		0.983		385
252					1901		0.898		351
253					2017		1.289		505
254					2022		0.892		349
255				CRB05		1.695	0.174	29270.000	150
256					1972		0.380		328
257					1973		0.426		368
258					1974		0.134		116
259					2002		0.581		501
260				CRB06		8.979	0.202	86683.000	98
261					1907		1.185		572
262					1908		0.168		81
263					1909		0.083		40
264					1910		0.096		46

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
265					1914		1.580		763
266					1953		0.503		243
267					1954		0.075		36
268					1987		0.439		212
269					1988		0.410		198
270					2006		0.672		324
271					2007		0.470		227
272					2008		0.457		220
273					2009		0.509		246
274					2010		2.132		1029
275				CRB36	1992	10.909	0.341	83677.000	131
276					1993		1.410		541
277					1994		1.227		471
278					1996		0.403		154
279					1999		0.295		113
280					2000		0.113		43
281					2001		0.113		43
282					2188		1.278		490
283					2189		0.303		116
284					2191		1.657		636
285					2214		0.151		58
286					2215		0.094		36
287					2216		0.144		55
288					2217		0.135		52
289					2218		0.495		190
290					2292		0.938		360
291					2295		0.177		68
292					2296		0.176		68
293					2297		0.152		58
294					2298		0.645		247

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
295					2299		0.661		254
296				CRB37		17.766	0.264	87302.000	65
297							0.711		175
298							0.256		63
299					1663		3.046		748
300					1665		1.217		299
301					1668		1.366		336
302					1669		1.088		267
303					1676		1.408		346
304					1688		0.322		79
305					1689		0.347		85
306					1712		1.744		428
307					1716		0.652		160
308					1717		0.309		76
309					1718		0.219		54
310					1720		0.198		49
311					1728		0.915		225
312					1729		0.395		97
313					1730		0.097		24
314					1731		1.375		338
315					1734		0.923		227
316					1740		0.739		182
317					1741		0.175		43
318				ECD01		37.206	0.125	300151.000	50
319					2495		0.239		96
320					2498		0.146		59
321					2500		0.190		77
322					2502		0.326		132
323					2506		33.401		13473
324					2529		0.183		74

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
325					2530		0.146		59
326					2531		0.167		67
327					2532		0.165		67
328					2534		0.264		106
329					2535		0.057		23
330					2544		0.624		252
331					2547		0.189		76
332					2549		0.152		61
333					2550		0.174		70
334					2563		0.126		51
335					2564		0.088		35
336					2565		0.134		54
337					2610		0.144		58
338					2612		0.167		67
339				ECD03	2679	3.757	0.209	167578.000	467
340					2688		0.172		385
341					2689		0.100		224
342					2699		0.546		1217
343					2701		0.312		696
344					2715		0.021		46
345					2716		0.083		184
346					2717		0.110		244
347					2718		0.049		109
348					2719		0.066		147
349					2720		0.091		204
350					2721		0.057		127
351					2722		0.033		74
352					2723		0.077		172
353					2730		0.201		449
354					2731		0.115		256

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
355					2732		0.121		270
356					2734		0.072		161
357					2735		0.182		406
358					2736		0.179		398
359					2737		0.194		433
360					2738		0.053		117
361					2739		0.382		852
362					2740		0.332		741
363				ECD10	2256	1.538	1.130	108522.000	3985
364					2262		0.143		505
365					2269		0.146		516
366					2271		0.119		421
367				ECD11	1959	3.961	1.611	108522.000	2208
368					1960		0.769		1053
369					1963		0.689		944
370					1965		0.443		606
371					1966		0.449		615
372				MB01		2.915	0.141	74694.000	181
373					2490		0.241		309
374					2491		0.251		321
375					2501		0.094		120
376					2509		0.299		383
377					2512		0.197		252
378					2516		0.356		456
379					2522		0.271		347
380					2523		0.134		171
381					2524		0.294		377
382					2589		0.637		816
383				MB02		1.873	0.038	51538.000	52
384							0.070		97

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
385							0.119		164
386							0.185		255
387							0.048		66
388					1400		0.620		852
389					1402		0.205		282
390					2474		0.116		159
391					2475		0.166		228
392					2478		0.070		96
393					2479		0.109		151
394					2480		0.016		21
395					2481		0.021		28
396					2482		0.091		125
397				MB03	1373	4.914	1.041	66847.000	708
398					1376		0.250		170
399					1377		0.516		351
400					1379		0.528		359
401					1381		0.166		113
402					1382		0.095		65
403					1384		0.092		63
404					1385		0.070		47
405					1387		0.294		200
406					1388		0.181		123
407					1404		1.430		972
408					1406		0.252		171
409				MB04	1316	4.329	0.504	65914.000	383
410					1318		0.335		255
411					1367		0.130		99
412					1368		0.636		484
413					1370		0.273		208
414					1371		0.317		241

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
415					1397		0.375		285
416					1407		0.488		372
417					2453		0.205		156
418					2454		0.073		56
419					2455		0.234		178
420					2456		0.054		41
421					2457		0.025		19
422					2459		0.234		178
423					2460		0.157		119
424					2461		0.162		123
425					2462		0.128		98
426				MB05	1353	3.849	0.083	39431.000	42
427					1354		0.061		31
428					1355		0.631		323
429					1356		0.022		11
430					1357		0.183		94
431					1358		0.042		21
432					1359		0.143		73
433					1361		0.168		86
434					1362		0.175		90
435					1363		0.461		236
436					1422		1.406		720
437					1442		0.210		107
438					1443		0.264		135
439				MB06	1414	6.657	0.121	97016.000	88
440					2380		0.375		273
441					2391		0.114		83
442					2392		0.187		136
443					2393		0.045		33
444					2395		0.185		135

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
445					2407		0.114		83
446					2409		0.103		75
447					2410		0.251		183
448					2417		0.601		438
449					2420		0.425		310
450					2724		1.875		1366
451					2727		0.232		169
452					2728		0.088		64
453					2749		0.273		199
454					2750		0.643		469
455					2753		0.666		485
456					2756		0.358		261
457				MB07	2377	4.566	0.067	56205.000	41
458					2378		0.237		146
459					2381		0.159		98
460					2382		0.858		528
461					2398		0.331		204
462					27127143		0.934		575
463					2757		0.360		221
464					2758		1.338		824
465					2764		0.283		174
466				MB08		2.927	0.068	116299.000	135
467					1952		1.268		2518
468					1976		0.028		56
469					1981		0.511		1016
470					1982		0.282		561
471					1983		0.012		24
472					1984		0.142		283
473					1985		0.616		1224
474				MB10		4.128	0.027	49933.000	17

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
475					1279		1.029		623
476					1280		0.713		431
477					1281		0.256		155
478					1286		0.310		188
479					1290		0.454		275
480					1449		0.042		25
481					1450		0.180		109
482					1451		0.447		270
483					1462		0.669		405
484				MB11		2.451	0.035	27200.000	20
485					1426		0.132		73
486					1427		0.085		47
487					1428		0.213		118
488					2433		0.277		154
489					2434		0.058		32
490					2436		0.352		195
491					2443		0.139		77
492					2444		0.118		66
493					2447		0.180		100
494					2448		0.460		255
495					2451		0.025		14
496					2676		0.377		209
497				MB12	2542	0.055	0.055	10344.000	517
498				MB18	2254	5.918	0.313	32042.000	85
499					2255		0.315		85
500					2273		0.356		96
501					2274		2.396		649
502					2811		0.751		203
503					2812		0.172		47
504					2813		0.882		239

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
505					2814		0.246		67
506					2815		0.487		132
507				MB19		4.616	0.409	44078.000	195
508							0.174		83
509							0.283		135
510					2338		0.345		165
511					2339		0.178		85
512					2771		0.445		213
513					2773		0.415		198
514					2781		0.426		204
515					2781		0.254		121
516					2782		0.237		113
517					2786		0.304		145
518					2787		0.167		80
519					2788		0.244		116
520					2789		0.291		139
521					2790		0.224		107
522					2791		0.221		105
523				MB20		2.494	0.176	26201.000	93
524					2692		0.294		155
525					2693		0.169		89
526					2694		0.406		213
527					2695		0.300		158
528					2696		0.370		194
529					2697		0.374		196
530					2743		0.404		212
531				MB21	2672	0.205	0.205	14874.000	744
532				MB22	1409	0.935	0.756	12792.000	517
533					2669		0.180		123
534				MB23		4.086	0.037	21241.000	10

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
535							0.233		61
536					2611		0.513		133
537					2612		0.511		133
538					2622		0.036		9
539					2623		0.213		55
540					2624		0.104		27
541					2625		0.169		44
542					2626		0.167		43
543					2634		1.327		345
544					2635		0.083		21
545					2636		0.099		26
546					2637		0.194		50
547					2638		0.308		80
548					2639		0.092		24
549				PB02		2.969	0.181	66327.000	202
550							0.535		598
551					2760		1.248		1394
552					2818		1.006		1123
553				PB04		11.956	0.162	86168.000	58
554							0.841		303
555							0.555		200
556					1852		0.413		149
557					1853		0.278		100
558					1858		0.287		103
559					1859		0.272		98
560					1864		0.343		123
561					1871		0.283		102
562					1872		0.025		9
563					1874		0.733		264
564					1916		0.476		172

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
565					1917		0.419		151
566					1918		0.531		191
567					1920		0.557		201
568					1921		0.453		163
569					1923		0.707		255
570					1934		2.847		1026
571					1942		0.332		120
572					1944		0.234		84
573					1945		0.475		171
574					1946		0.131		47
575					1947		0.240		86
576					1948		0.363		131
577		2B2G1h2a	Paranipur	CB 38		10.205	0.094	23291.000	11
578					1077		0.203		23
579					1078		0.532		61
580					1079		1.267		145
581					1080		0.242		28
582					1105		0.512		58
583					1106		0.054		6
584					1108		0.618		71
585					1109		0.552		63
586					1110		0.790		90
587					1111		0.715		82
588					1181		0.154		18
589					1182		0.176		20
590					1183		0.316		36
591					1184		0.621		71
592					1185		2.140		244
593					1187		1.220		139
594				CB02		2.160	0.056	11655.000	15

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
595							0.010		3
596							0.026		7
597					319		0.215		58
598					320		0.771		208
599					321		0.065		18
600					328		0.091		25
601					52		0.088		24
602					53		0.654		176
603					70		0.037		10
604					71		0.147		40
605				CB08	358	3.873	0.949	20698.000	254
606					410		0.279		75
607					411		0.123		33
608					412		0.308		82
609					413		0.340		91
610					414		0.123		33
611					415		0.195		52
612					416		0.114		30
613					425		0.143		38
614					427		0.140		37
615					429		0.135		36
616					430		0.094		25
617					431		0.414		111
618					432		0.358		96
619					434		0.159		43
620				CB09		5.459	0.337	14188.000	44
621							0.282		37
622							0.160		21
623					261		0.702		91
624					263		0.092		12

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
625					264		0.088		11
626					268		0.383		50
627					2695		0.127		17
628					270		0.261		34
629					274		0.192		25
630					282		0.110		14
631					283		0.062		8
632					284		0.099		13
633					285		0.055		7
634					286		0.057		7
635					287		0.035		5
636					288		0.055		7
637					289		0.066		9
638					290		0.040		5
639					291		0.105		14
640					292		0.118		15
641					475		0.079		10
642					476		0.167		22
643					479		0.032		4
644					480		0.044		6
645					482		0.084		11
646					483		0.059		8
647					484		0.111		14
648					486		0.101		13
649					487		0.268		35
650					487		0.078		10
651					488		0.091		12
652					489		0.024		3
653					490		0.021		3
654					492		0.112		15

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
655					493		0.029		4
656					494		0.031		4
657					495		0.078		10
658					496		0.056		7
659					514		0.532		69
660					581		0.035		4
661				CB10		1.699	0.183	14487.000	78
662					294		0.145		62
663					295		0.059		25
664					296		0.353		150
665					298		0.172		73
666					303		0.615		262
667					497		0.172		73
668				CB11		16.549	2.643	57847.000	462
669							0.445		78
670					1042		0.185		32
671					1043		1.171		205
672					1045		1.117		195
673					1208		0.953		167
674					1209		0.666		116
675					1210		0.237		41
676					1595		0.654		114
677					1596		0.594		104
678					769		0.298		52
679					788		0.883		154
680					804		3.329		582
681					805		0.233		41
682					806		0.789		138
683					807		0.076		13
684					808		0.117		20

S.No	Village	MWS Code	MWS Name	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
685					865		0.253		44
686					866		0.954		167
687					867		0.345		60
688					871		0.075		13
689					873		0.532		93
				G. Total		316.573		2782401.000	32766

Note : WDF contribution has been calculated @5% propoortand to the individual area. The detail WDF contribution for the complete cluster is given in the project file.

ANNEXURE-III (Parameters)

Labour Rate (Rs.)	100
Plantation Cost (Rs.)	30
Inter Plantation Distance (mtr)	2.5
Sodding Rate (Rs.)	1.5

Type of Structure	Type of Outlet	Code	Unit_cost
CB	Drop spillway	DSW	5000
CD	Masonry	MSN	15000
CRB	Hume Pipe	HMP	20000
ECD	Masonry	MSN	15000
MB	Drop spillway	DSW	7000
PB	Drop spillway	DSW	7000
PND	Hume Pipe	HMP	40000
WHB	Hume Pipe	HMP	40000

Type of Structure	Soil Type	Unit	EW	Rate	Dressing %	Top	Base	Height	Side_Slope	CS
CB	Sandy Loam	cum	3.05	32.79		0.45	2.25	0.6	1.5:1	0.81
CD	Sandy Loam	cum	2.85	35.09		1	1	1.5	1.5:1	1.5
CRB	Sandy Loam	cum	3.05	32.79	7.5	3	5.1	0.7	1.5:1	2.835
ECD	Sandy Loam	cum	2.125	47.06	7.5	2	10	2	2:01	12
MB	Sandy Loam	cum	3.05	32.79		0.6	3.6	1	1.5:1	2.1
PB	Sandy Loam	cum	3.05	32.79		0.6	3.6	1	1.5:1	2.1
PND	Sandy Loam	cum	1.91	52.36	7.5			1.5		
WHB	Sandy Loam	cum	2.125	47.06	7.5	3	15	3	2:01	27

Abbreviations :

S. No.	Abbreviations	Descreption
1	AFF	Afforestation block plantation
2	AFS	Staggered trenching with Afforestation
3	AFL	Afforestation Scattered
4	PND	Pond
5	PB	Peripheral Bund
6	MB	Marginal Bund
7	CB	Contour Bund
8	CD	Check Dam
9	ECD	Earthen Check Dam
10	SMB/ SB	Submergence bund
11	RS	Recharge Shaft
12	CRB	Checkroad Bund
13	WHB	Water Harvesting Bund
14	GP	Gully Plug
15	FB	Field Bund
16	DB	Diversion Bund
17	HMP	Hume Pipe Outlet
18	MSN	Masonary Outlet
19	STN	Stone Outlet
20	CHT	Chute Outlet
21	DSW	Drop Spillway Outlet