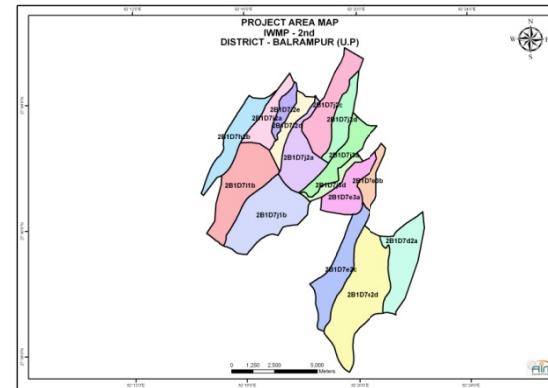


DETAILED PROJECT REPORT (D.P.R)

(IWMP- 2nd, BALRAMPUR)

**INTEGRATED WATERSHED MANAGEMENT PROGRAMME IN L.B. RAPTI WATERSHED,
BLOCK – TULSIPUR,
DISTRICT – BALRAMPUR (UTTAR PRADESH)**



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



Prepared By:-
Bhoomi Sanrakshan Adhikari
**Department of Land Development
& Water Resources, Balrampur**

Land Development & Water Resources Government of U. P. Lucknow

CERTIFICATE

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

Soil Conservation Officer

IWMP-II

Dept. of LDWR, Balrampur, UP

Deputy Director

LDWR, Balrampur, UP

Project Director

DRDA, Balrampur, UP

Contents

S.No.	Particulars	Page Nos.
1.	INTRODUCTION AND PROJECT BACKGROUND	3
1.1	Project Background	3
1.2	Need and scope for Watershed Development Programme	5
1.3	Weightage for the selection of the watershed	6
1.4	Details of ongoing watershed programme	7
2.	GENERAL DESCRIPTION OF PROJECT AREA	8
2.1	Location	8
2.2	Area and Land use	11
2.3	Physiography	12
2.4	Climate	13
3.	BASELINE SURVEY AND PARTICIPATORY RURAL APPRAISAL	16
3.1	Socio-Economic Analysis	16
3.2	Land holding pattern	17
3.3	Migration: Pre Project Status	18
3.4	Crop & Productivity	21
3.5	Livestock	29
3.6	Livelihood Status	31
4.	INSTITUTIONAL BUILDING AND PROJECT MANAGEMENT	37
4.1	Project Implementing Agency	37
4.2	Details of formation of User Groups	44
4.3	Details of Self Help Groups	45
4.4	Convergence in IWMP-II	48
5.	MANAGEMENT / ACTION PLAN	49
5.1	Entry Point Activity (EPA)	49
5.2	Work Phase	50
5.3	Livelihood Action Plan	66
5.4	Production system Action Plan	69
6.	CAPACITY BUILDING PLAN	86
7.	PHASING OF PROGRAMME AND BUDGETING	88
7.1	Monitoring and Evalution	88
7.2	Annual Action Plan	89

S.No.	Particulars	Page Nos.
7.3	Details of Convergence	90
8.	CONSOLIDATION AND WITHDRAWAL STRATEGY	91
9.	EXPECTED PROJECT OUTCOME	92
9.1	Employment generation and checking migration	92
9.2	Other expected outcome	92
10.	MAPS (Satellite Image of the Project Area, Base Map, Contour Map, Drainage map, Ground Water Map, Land use/cover Map, Project Area Map, Slope map, Soil Map, Lithology Map & MWSSs Map)	94
11.	ANNEXURE-I	1
12.	ANNEXURE-II	19
13.	ANNEXURE-III	22

CHAPTER-1

INTRODUCTION AND PROJECT BACKGROUND

1.1: Project Background:

IWMP-IIInd project is located in Harriya satgharwa and Tulsipur Block of BALRAMPUR District, U.P. The project is a *cluster* of 16 Micro watersheds. The total project (geographical) area of the watershed cluster is about 10297.00 ha. out of this 3582.00 ha. has been undertaken to be treated under Integrated Watershed Management Program (IWMP-2nd) with starting year 2009-10.

Table 1.1: Basic Project Information:

Sl.No.	Details	No.	Area (ha.)
1	2	3	4
1	Total Geographical area and watersheds in the District	318	334900.00
2	Workable Micro Watersheds and Geographical area	71	10297/3582
3	Micro Watersheds already treated by LDWR & other agencies	203	213600.00
4	Balance Micro Watersheds/ Geographical area for treatment (After IWMP-IIInd)	44	46221.00

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

Year	Project/ Phase	MWS	Geographical Area/ Treatable Area (ha)	Project Cost in Lakh	Name of PIA	S.C Meeting Date
1	2	3	4	5	6	7
2009-10	IWMP-2nd	16	10297/3582	429.84	BSA, Balrampur	25.02.2009

Table 1.3: Details of Micro Watersheds:

S.No.	Name & Code of MWS	Name of Gram Panchayats	Treatable Area	Name of River / Nalah in each MWS
			(ha)	
1	2	3	4	5
1	Garahwa 2B1D7D2a,2B1D7e2d	Garahwa	569	Kakaraha
2	Newalganj 2B1D7h2b,2B1D7i2a	Newal ganj	250	Fohri, Jamgharwa
3	Katkuiyan-2B1D7i1b	Katkuiyan	165	Fohri, Jamgharwa
4	Gajdahawa -2B1D7h2b	Gajdahawa	229	Fohri, Jamgharwa
5	Lambikohal 2B1D7i1b, 2B1D7i2d, 2B1D7i2e	Lambikohal	434	Jamgharwa
6	Gugauli 2B1D7j3d,2B1D7j1b	Gugauli/ Shankerpur	116	Dhobaunia
7	Barahwa,2B1D7j2c,2B1D7j2d Ramwapur,2B1D7j2a,2B1D7j3a Lakhai,2B1D7j2a	Barahwa	1035	Dhobaunia
8	Bhadwar 2B1D7e3a,2B1D7e3b,2B1D7j3d,2B1D7j3a			
9	Ganeshpur 2B1D7e2c,2B1D7e2d			
		Total	3582	

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. Soil and water conservation, Poor sufficiency, economic growth and environmental security has identified as the major issues to be addressed in the watershed area. The area has moderate to steep slope hence prone to soil erosion.

Cluster approach was followed taken into consideration for micro-watersheds covering a total geographical area of 10297 ha with a cumulative score of 90. (Reference Table given below)-

1.4: Weightage for the selection of the watershed:

Project name	No. of micro-watersheds proposed to be covered	Proposed project area (ha)	Type of project(Hilly/ Desert/ Others)	Proposed cost (Rs. In lakh)	Weightage													
					I	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	xiii	xiv
I.W.M.P. -2 nd	16	10297	Others	429.84	7.5	5	5	5	0	10	10	7.5	10	10	10	10	-	90

1.3 : CRITERIA AND WEIGHTAGE FOR SELECTION OF WATERSHED

Criteria	Maximum Score	Ranges & Scores			
Poverty index (% of poor to population)	10	Above 80 % (10)	80 to 50 % (7.5)	50 to 20 % (5)	Below 20 % (2.5)
% of SC/ ST population	10	More than 40 % (10)	20 to 40 % (5)	Less than 20 % (3)	
Actual wages	5	Actual wages are significantly lower than minimum wages (5)	Actual wages are equal to or higher than minimum wages (0)		
% of small and marginal farmers	10	More than 80 % (10)	50 to 80 % (5)	Less than 50 % (3)	
Ground water status	5	Over exploited (5)	Critical (3)	Sub critical (2)	Safe (0)
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	
Area under rain-fed agriculture	15	More than 90 % (15)	80 to 90 % (10)	70 to 80% (5)	Above 70 % (Reject)
Drinking water	10	No source (10)	Problematic village (7.5)	Partially covered (5)	Fully covered (0)
Degraded land	15	High – above 20 % (15)	Medium – 10 to 20 % (10)	Low- less than 10 % of TGA (5)	

Criteria	Maximum Score	Ranges & Scores		
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)
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)
Cluster approach in the plains (more than one contiguous micro-watersheds in the project)	15	Above 6 micro-watersheds in cluster (15)	4 to 6 micro watersheds in cluster (10)	2 to 4 micro watersheds in cluster (5)
Cluster approach in the hills (more than one contiguous micro-watersheds in the project)	15	Above 5 micro-watersheds in cluster (15)	3 to 5 micro watersheds in cluster (10)	2 to 3 micro watersheds in cluster (5)
	150	150	90	41
				2.5

1.4: Details of ongoing watershed programme:

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

CHAPTER-2

GENERAL DESCRIPTION OF PROJECT AREA

2.1: Location:

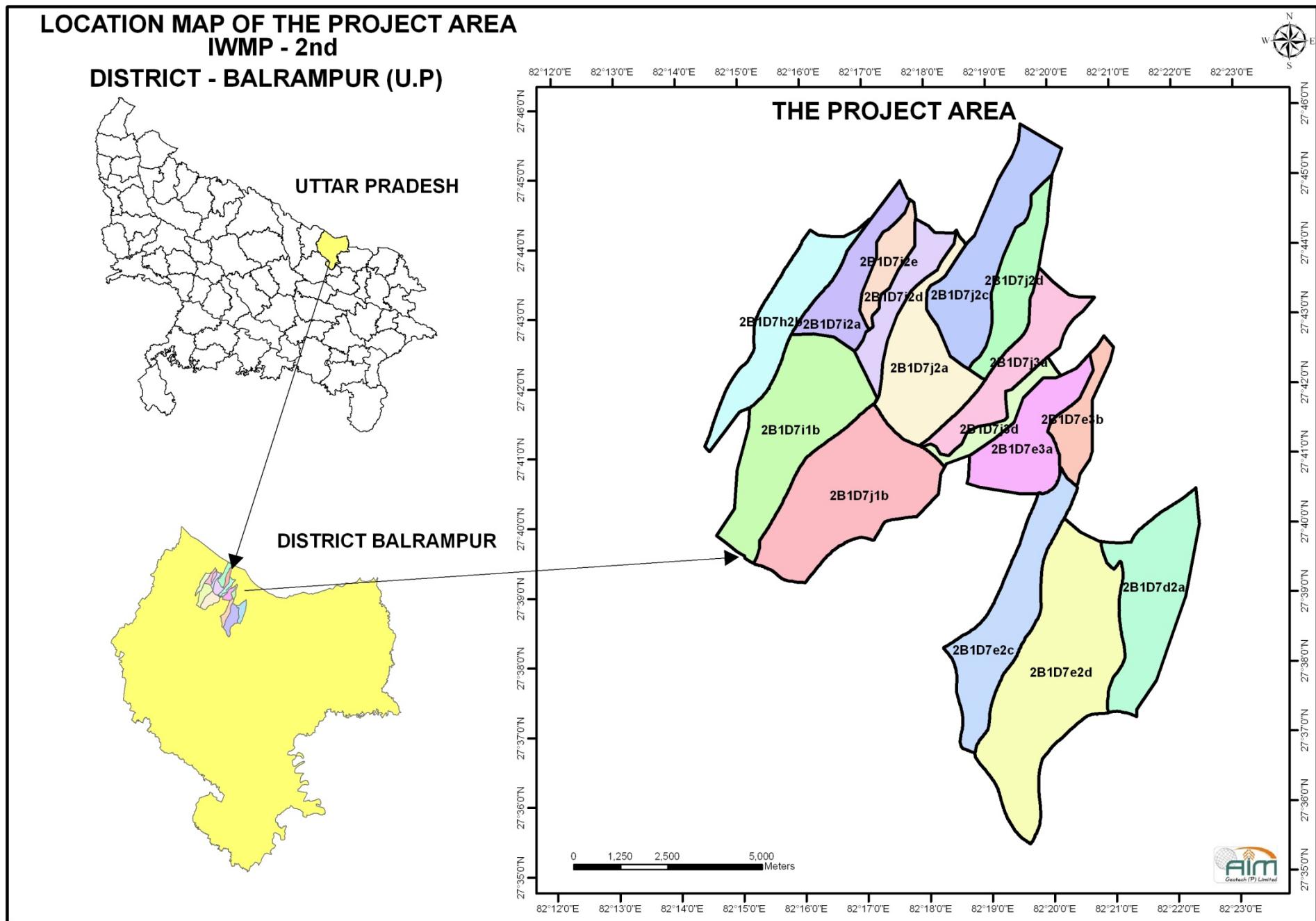
The selected watershed in the catchment of **RAPTI river** in Balrampur district (U.P.) and is located in North-East part of the district. This Watershed cluster includes **39 villages & 9 Gram Panchayat**. The livelihood of these people is primarily based on rainfed agriculture, animal husbandry, wage labour, goat, sheep and poultry.

Table 2.1: General Description of the Project Area

S.No.	Code of MWS	Name of Gram Panchayats	Name of Village	Geographical Area of MWS (ha)	Distance(km.) of Improtant/ approach road
1	2B1D7j2c	Barahwa	Van Katwa Range, Charangahia Mansabk, Bharpurwa Chelia, Ramawapur, Lakhahi	761	9
2	2B1D7j2d	Barahwa	Van Katwa Range, Ramawapur, Barahawa, Lakhahi	412	9
3	2B1D7h2b	Newal ganj	Van Katwa Range, Bankatawa Khurd, Lambi Kohal, Newal Gang, Konhdaura, Bardaulia, Katkuiyan	587	3
4	2B1D7j1b	Gugauli	Bharpurwa Chelia, Katkuiyan, Gugauli Kalan, Belbharia, Lauki Kalan, Dhampur, Andhar Purwa, Gugauli Khurd, Harraiyasat Gharwa	1186	4
5	2B1D7i2a	Lambikohal	Van Katwa Range,Lambi Kohal,Newal Gang,Bharpurwa Chelia,Konhdaura,Pranpur, Van Katwa Range,	401	5
6	2B1D7i2e	Lambikohal	Van Katwa Range, Lambi Kohal, Newal Gang, Bharpurwa Chelia, Pranpur, Van Katwa Range	196	5
7	2B1D7i2d	Lambikohal	Van Katwa Range, Lambi Kohal, Charangahia Mansabk, Bharpurwa Chelia, Pranpur,	315	5
8	2B1D7j2a	Barahwa	Charangahia Mansabk, Bharpurwa Chelia, Ramawapur, Lakhahi, Shankarpur, Gugauli Kalan	699	9
9	2B1D7j3a	Barahwa	Van Katwa Range, Bharpurwa Chelia, Barahawa, Lakhahi, Tenduwa Nagar, Shankarpur, Gugauli Kalan	502	9
10	2B1D7i1b	Katkuiyan, Gajdahawa	Newal Gang, Bharpurwa Chelia, Konhdaura, Pranpur,	1098	1

S.No.	Code of MWS	Name of Gram Panchayats	Name of Village	Geographical Area of MWS (ha)	Distance(km.) of Improtant/ approach road
			Katkuiyan, Ganjdahwa, Sirsia, Dhampur, Mahadeo Atarpari		
11	2B1D7e3b	Bhadwar	Van Katwa Range, Bhadwar, Tenduwa Nagar,	240	1
12	2B1D7e3a	Bhadwar	Bhadwar, Tenduwa Nagar, Shankarpur, Gugauli Kalan	540	1
13	2B1D7j3d	Bhadwar	Tenduwa Nagar, Shankarpur, Gugauli Kalan	163	1
14	2B1D7e2c	Ganeshpur	Tenduwa Nagar, Majgawan, Belawa, Paraspur Kamda, Gopalpur, Basantpur	758	6
15	2B1D7d2a	Garahwa	Ganeshpur, Narainpur Jhingha, Dhauri Kalan, Garhwa, Dharampur, Mahadeo Jumuni, Razwapur	817	6
16	2B1D7e2d	Garahwa	Tenduwa Nagar, Ganeshpur, Dhauri Kalan, Garhwa, Majgawan, Ramawapur, Dharampur, Paraspur Kamda, Gopalpur, Razwapur, Deonagar, Basantpur	1622	6
			Total	10297	

LOCATION MAP OF THE PROJECT AREA
IWMP - 2nd
DISTRICT - BALRAMPUR (U.P.)



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.No.	Name & Code of MWS	Name of GP	Cultivated and wasteland				Area details (ha)							
			area (ha)				(falling within the projects)							
			Cultivated rainfed area	Cultivated irrigated area	Uncultivated wasteland/ fallow		Pvt. Agri. Land				Forest Land	Community land	Others	Total
Temp.	Permanent	Gen	SC/ST	OBC	Total									
1	Garahwa- 2B1D7D2a, 2B1D7e2d	Garahwa	523	46	8	38	193	96	280	569	10	28	180	787
2	Newalganj- 2B1D7h2b, 2B1D7i2a	Newal ganj	29	221	6	23	82	43	125	250	6	17	1325	1600
3	Katkuiyan- 2B1D7i1b	Katkuiyan	64	101	3	16	54	28	83	165	4	11	625	806
4	Gajdahawa -2B1D7h2b	Gajdahawa	168	61	9	42	76	40	113	229	11	31	1223	1494
5	Lambikohal 2B1D7i1b, 2B1D7i2d, 2B1D7i2e	Lambikohal	320	114	8	38	143	74	217	434	10	28	690	1162
6	Gugauli- 2B1D7j3d, 2B1D7j1b	Gugauli-Shankarpur	65	51	2	11	38	20	58	116	3	8	674	802
7	Barahwa- 2B1D7j2c, 2B1D7j2d, Ramwapur- 2B1D7j2a, 2B1D7j3a,	Barahwa	794	241	21	95	342	176	517	1035	26	70	947	2077

S.No.	Name & Code of MWS	Name of GP	Cultivated and wasteland				Area details (ha) (falling within the projects)							
			area (ha)				Pvt. Agri. Land				Forest Land		Community land	
			Cultivated rainfed area	Cultivated irrigated area	Uncultivated wasteland/ fallow		Temp.	Permanent	Gen	SC/ST	OBC	Total	Others	Total
	Lakhai-2B1D7j2a													
8	Bhadwar-2B1D7e3a, 2B1D7e3b, 2B1D7j3d, 2B1D7j3a	Bhadwar	350	38	4	20	128	66	194	388	5	14	340	748
9	Ganeshpur-2B1D7e2c, 2B1D7e2d	Ganeshpur	396	0	10	44	131	67	198	396	12	32	381	821
		TOTAL	2709	873	71	327	1187	610	1785	3582	87	239	6385	10297

2.3: Physiography:

The watershed has a general slope more than 1 percent. Spatial distribution of different slope classes was prepared by using of Arc GIS. Slope was divided into 07 classes (viz. 0-0.5, 0.5-1.0, 1.0-3.0, 3-5, 5-8, 8-10% and more than 10% (Table 2.3).

Table 2.3: Slope range in the project area for

S.No.	Code of MWS	Name of GP	Slope range wise area (ha)							Others Specify	Total
			0-0.5%	0.5-1%	1--3%	3-5%	5-8%	8-10%	>10%		
1	2B1D7d2a	Garahwa	71	161	424	128	33				817
2	2B1D7e2c	Ganeshpur	156	257	326	18					758
3	2B1D7e2d	Garahwa	343	561	687	32					1622
4	2B1D7e3a	Bhadwar	95	137	266	36	6				540
5	2B1D7e3b	Bhadwar	15	38	165	21	1				240

S.No.	Code of MWS	Name of GP	Slope range wise area (ha)						Others Specify	Total
			0-0.5%	0.5-1%	1--3%	3-5%	5-8%	8-10%		
6	2B1D7h2b	Newal ganj	63	126	330	56	12			587
7	2B1D7i1b	Katkuiyan, Gajdahawa	137	328	622	12				1098
8	2B1D7i2a	Lambikohal	25	66	277	33				401
9	2B1D7i2d	Lambikohal	20	40	208	47	1			315
10	2B1D7i2e	Lambikohal	7	41	123	24	1			196
11	2B1D7j1b	Gugauli	206	331	582	65	3			1186
12	2B1D7j2a	Barahwa	38	97	424	119	20			699
13	2B1D7j2c	Barahwa	28	93	488	124	12	3	14	761
14	2B1D7j2d	Barahwa	29	81	256	44	2			412
15	2B1D7j3a	Barahwa	27	65	279	99	31			502
16	2B1D7j3d	Bhadwar	12	22	64	45	19			163
	Total		1271	2444	5521	904	141	3	14	10297

2.4: Climate:

Table 2.4: Average monthly rainfall and temperature of the last 05 years at IWMP-II

Month	Annual Rainfall (mm)						Temperature °C	
	2004	2005	2006	2007	2008	Average	Max.	Min.
January	1.3	1	4	0.5	0	1.36	21.5	6.2
February	7	15	21	51	10	20.8	24.8	11.5
March	19.3	2	2.5	33.5	9	13.26	28.6	13.5
April	2	32.5	10	0	51	19.1	29.8	14.3
May	102.15	88	23	103.15	49	73.06	35.6	14.6
June	70.9	112	60.4	72.5	50	73.16	36.2	14.1

Month	Annual Rainfall (mm)						Temperature °C	
	2004	2005	2006	2007	2008	Average	Max.	Min.
July	352	326	390	334	303	341	33.9	14.5
August	218	210	210.5	218	210	213.3	33.8	14.2
September	114	139	105	100.5	312	154.1	30.8	19.5
October	60	40.2	30	11	22	32.64	24.6	12.8
November	2.8	2	11	2	2.8	4.12	19.5	9.5
December	0.8	1.4	6	0.6	0	1.76	30.8	19.5
Total	950.25	969.1	873.4	926.75	1018.8	78.97	Avg. 29.16	Avg. 13.68

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	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.	Name & Code of MWS	Name of Gram Panchayat	Water Erosion(ha)			Runoff (mm)	Average Soil loss (Ton/ha/year)	Wind Erosion
			Sheet	Rill	Gully			
1	2	3	4	5	6	8	9	10
1	Garahwa 2B1D7D2a,2B1D7e2d	Garahwa	406	254	127	382	20	-
2	Newalganj 2B1D7h2b,2B1D7i2a	Newal ganj	840	525	235	379	19	-
3	Katkuiyan-2B1D7i1b	Katkuiyan	396	254	156	381	21	-
4	Gajdahawa -2B1D7h2b	Gajdahawa	985	285	224	377	17	-
5	Lambikohal 2B1D7i1b, 2B1D7i2d, 2B1D7i2e	Lambikohal	619	388	155	369	18	-
6	Gugauli 2B1D7j3d,2B1D7j1b	Gugauli/ Shankerpur	428	248	126	384	15	-
7	Barahwa,2B1D7j2c,2B1D7j2d	Barahwa	1015	648	414	379	14	-
	Ramwapur,2B1D7j2a,2B1D7j3a							
	Lakhai,2B1D7j2a							
8	Bhadwar 2B1D7e3a,2B1D7e3b,2B1D7j3d,2B1D7j3a	Bhadwar	326	258	164	384	18	-
9	Ganeshpur 2B1D7e2c,2B1D7e2d	Ganeshpur	412	265	144	376	14	-
		TOTAL	5427	3125	1745	Avg. 379	Avg. 18	-

CHAPTER-3

BASELINE SURVEY AND PARTICIPATORY RURAL APPRAISAL

3.1: Social-Economic Analysis:

IWMP-2nd watershed project has a total of 1746 household with a population of 13535 (as per base-line survey) out of which 7042 are male and 6493 female. The sex ratio is 922 female to 1000 male. There are 428 BPL families. The detail of population in each micro watershed is given below:-

Table 3.1: Demographic Features in Project Area

S.No.	Name & Code of MWS	Name of GP	Total population	Male	Female	SC/ST		
						Male	Female	Total
1	2	3	4	5	6	7	8	9
1	Garahwa-2B1D7D2a, 2B1D7e2d	Garahwa	1176	612	564	115	106	221
2	Newalganj-2B1D7h2b, 2B1D7i2a	Newal ganj	1631	849	782	170	157	327
3	Katkuiyan-2B1D7i1b	Katkuiyan	2626	1366	1260	183	169	352
4	Gajdahawa -2B1D7h2b	Gajdahawa	821	427	394	75	70	145
5	Lambikohal 2B1D7i1b, 2B1D7i2d, 2B1D7i2e	Lambikohal	1743	907	836	102	95	197
6	Gugauli-2B1D7j3d, 2B1D7j1b	Gugauli/ Shankerpur	1135	591	544	96	88	184
7	Barahwa-2B1D7j2c, 2B1D7j2d, Ramwapur-2B1D7j2a, 2B1D7j3a, Lakhai-2B1D7j2a	Barahwa	1888	982	906	191	177	368
8	Bhadwar-2B1D7e3a, 2B1D7e3b, 2B1D7j3d, 2B1D7j3a	Bhadwar	667	347	320	58	53	111
9	Ganeshpur-2B1D7e2c, 2B1D7e2d	Ganeshpur	1848	961	887	352	324	676
		Total	13535	7042	6493	1343	1238	2581

3.2: Land Holding Pattern:

The average land holding is about 1.32 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.	Name & Code of MWS	Name of GP	Type of Farmers				Households	BPL Households	Land holding (ha)		
			LF	SF	MF	LL			Nos	Irrigated	Rainfed
1	2	3	4	5	6	7	8	10	11	12	13
1	Garahwa-2B1D7D2a, 2B1D7e2d	Garahwa	19	59	144	13	235	35	46	523	569
2	Newalganj-2B1D7i2a	Newal ganj	23	80	216	16	326	51	221	29	250
3	Katkuiyan-2B1D7i1b	Katkuiyan	53	131	345	29	525	84	101	64	165
4	Gajdahawa -2B1D7h2b	Gajdahawa	14	43	111	9	164	27	61	168	229
5	Lambikohal 2B1D7i1b, 2B1D7i2d, 2B1D7i2e	Lambikohal	33	96	233	17	349	55	114	320	434
6	Gugauli-2B1D7j3d, 2B1D7j1b	Gugauli/ Shankerpur	24	62	152	14	227	37	51	65	116
7	Barahwa-2B1D7j2c, 2B1D7j2d, Ramwapur-2B1D7j2a, 2B1D7j3a, Lakhai-2B1D7j2a	Barahwa	36	95	244	20	378	59	241	794	1035
8	Bhadwar-2B1D7e3a, 2B1D7e3b, 2B1D7j3d, 2B1D7j3a	Bhadwar	11	30	88	8	133	22	38	350	388
9	Ganeshpur-2B1D7e2c, 2B1D7e2d	Ganeshpur	36	90	244	19	370	58	0	396	396
		Total	249	686	1777	146	2707	428	873	2709	3582

3.3: Migration:

People migrate during summer season to different parts of the state like Gorakhpur,Lucknow and Delhi as daily wages, agricultural and construction labourers. The details are given below:

Table 3.3: Details of Migration: Pre Project status

S.No	Name & Code of MWS	Name of GP	Total Population	Migration			Migration by Months			Main reason for migration	Occupation during migration	Income during migratio/ month
				Total	Male	Female	UP to 3 months	3-6 months	more than 6 months			
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Garahwa-2B1D7D2a, 2B1D7e2d	Garahwa	1176	184	160	24	50	100	34	Unfaourable condition of agriculture due to lack of irrigation & unemployment	Labour/Service	3000-5000
2	Newalganj-2B1D7h2b, 2B1D7i2a	Newal ganj	1631	210	170	40	55	65	90		-do-	-do-
3	Katkuiyan-2B1D7i1b	Katkuiyan	2626	180	150	30	45	60	75		-do-	-do-
4	Gajdahawa-2B1D7h2b	Gajdahawa	821	141	120	21	20	50	71		-do-	-do-
5	Lambikohal 2B1D7i1b, 2B1D7i2d, 2B1D7i2e	Lambikohal	1743	357	332	25	100	70	187		-do-	-do-
6	Gugauli-2B1D7j3d, 2B1D7j1b	Gugauli/ Shankerpur	1135	327	280	47	80	110	137		-do-	-do-
7	Barahwa-2B1D7j2c, 2B1D7j2d, Ramwapur-2B1D7j2a, 2B1D7j3a, Lakhai-	Barahwa	1888	244	222	22	84	68	92		Labour/Service	3000-5000

S.No	Name & Code of MWS	Name of GP	Total Population	Migration			Migration by Months			Main reason for migration	Occupation during migration	Income during migration/month
				Total	Male	Female	UP to 3 months	3-6 months	more than 6 months			
1	2	3	4	5	6	7	8	9	10	11	12	13
	2B1D7j2a											
8	Bhadwar-2B1D7e3a, 2B1D7e3b, 2B1D7j3d, 2B1D7j3a	Bhadwar	667	105	93	12	40	20	45		-do-	-do-
9	Ganeshpur-2B1D7e2c, 2B1D7e2d	Ganeshpur	1848	128	115	13	44	26	58		-do-	-do-
		TOTAL	13535	1876	1642	234	518	569	789		-do-	-do-

Table 3.4: Details of Gram Panchayats Infrastructure

S.No	Name of GP	Connected to main road	Eletricity	Educational Institutional	Primary Health Centre	Vetnary Dispensary	Post Office	Bank	Market	Co-Operative Society/ Store	Milk Collection Centre	Anganwadi Centre	Other Facilities
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Newalganj	YES	YES	P	YES	-	-	-	-	-	-	YES	
2	Katkuiyan	YES	YES	P	-	-	-	-	-	-	-	-	
3	Gajdahawa	YES	YES	P	-	-	-	-	-	-	-	-	
4	Lambikohal	-	-	P	-	-	-	-	-	-	-	YES	
5	Shankerpur	YES	YES	P, M	-	-	-	-	-	-	-	YES	
6	Barahwa	-	-	P	-	-	-	-	-	-	-	YES	
7	Bhadwar	-	-	P	-	-	-	-	-	-	-	-	
8	Ganeshpur	YES	YES	P	-	-	-	-	-	-	-	YES	
9	Garahwa	YES	YES	P	-	-	-	-	-	-	-	YES	

Table 3.5: Soil Texture

S.No.	Name & Code of MWS	Name of Gram Panchayat	Area in different Soil Group (ha)			Other Specify
			Light textured soil (sand, loamy sand)	Medium textured soil (sandy loam, loam, silt loam)	Heavy textured soil (Clay loam)	
1	2	3	4	5	6	7
1	Garahwa 2B1D7D2a,2B1D7e2d	Garahwa	227.60	227.60	113.80	--
2	Newalganj 2B1D7h2b,2B1D7i2a	Newal ganj	100.00	100.00	50.00	--
3	Katkuiyan-2B1D7i1b	Katkuiyan	66.00	66.00	33.00	--
4	Gajdahawa -2B1D7h2b	Gajdahawa	773.54	173.54	86.77	--
5	Lambikohal 2B1D7i1b, 2B1D7i2d, 2B1D7i2e	Lambikohal	91.66	91.66	45.83	--
6	Gugauli 2B1D7j3d,2B1D7j1b	Gugauli/ Shankerpur	46.40	46.40	23.20	--
7	Barahwa,2B1D7j2c,2B1D7j2d	Barahwa	414.00	414.00	207.00	--
	Ramwapur,2B1D7j2a,2B1D7j3a					--
	Lakhai,2B1D7j2a					--
8	Bhadwar 2B1D7e3a,2B1D7e3b,2B1D7j3d,2B1D 7j3a	Bhadwar	155.20	155.20	77.60	--
9	Ganeshpur 2B1D7e2c,2B1D7e2d	Ganeshpur	158.40	158.40	79.20	--
		TOTAL	2032.80	1432.80	716.40	

Crops & Productivity:

Table 3.6: Productivity and Production

S.N o.	Name & Code of MWS	Name of GP	Crop	Area (ha)		Productivity (Q/ha)		Production (Q) Grain/Main product		Fodder/Fuel/ Other Product. (Q)		
1	Garahwa- 2B1D7D2 a, 2B1D7e2 d	Garahwa										
				Irrigat ed	Rainfe d	Irrigat ed	Rainfe d.	Irrigated	Rainfed	Irrigated	Rainfed	
			A	Kharif								
			1	Rice	8	305	25	15	200	4575	200	4575
			2	Maize	6	108	20	10	120	1080	240	2160
			3	Arhar		86		5		430		1290
			Total	14	499			320	6085	440	8025	
			B	Rabi								
			1	Wheat	18	148	25	10	450	1480	565	1840
			2	Lentil	13	55	11	7	143	385	286	770
			3	Gram	7	15	10	5	70	75	140	150
			5	Musta rd	8	49	10	5	80	245	160	490
			Total	46	267			743	2185	1151	3250	
			Net Cultivable Area		569		Cropping Intensity %	145.16				
2	Newalga nj- 2B1D7h2 b, 2B1D7i2a	Newal ganj	Crop		Area		Productivity		Production (Q)		Fodder/Fuel/	
					(ha)		(Q/ha)		Grain/Main product		Other Product. (Q)	
					Irrigat ed	Rainfe d	Irrigat ed	Rainfe d.	Irrigated	Rainfed	Irrigated	Rainfed
			A	Kharif								

S.N o.	Name & Code of MWS	Name of GP	Crop		Area (ha)		Productivity (Q/ha)		Production (Q) Grain/Main product		Fodder/Fuel/ Other Product. (Q)	
			1	Rice	52	59	25	15	1300	885	1300	885
			2	Maize	15	21	20	10	300	210	600	420
			3	Arhar		28		5		140		424
				Total	67	108			1600	1235	1900	1729
			B	Rabi								
			1	Wheat	136	5	25	10	3400	50	3580	58
			2	Lentil	32	6	11	7	352	42	704	84
			3	Gram	17	2	10	5	170	10	540	20
			5	Musta rd	36	4	10	5	360	20	720	40
				Total	221	17			4282	122	5544	202
			Net Cultivable Area		250		Cropping Intensity %		165			
3	Katkuiya n- 2B1D7i1b	Katkuiyan		Crop	Area		Productivity		Production (Q)		Fodder/Fuel/	
					(ha)		(Q/ha)		Grain/Main product		Other Product. (Q)	
					Irrigat ed	Rainfe d	Irrigat ed	Rainfe d.	Irrigated	Rainfed	Irrigated	Rainfed
			A	Kharif								
			1	Rice	22	48	25	16	550	768	425	768
			2	Maize	8	18	20	10	160	180	200	360
			3	Arhar		33		5		165		495
				Total	30	99			710	1113	625	1623
			B	Rabi								
			1	Wheat	54	8	25	12	1350	96	1436	106

S.N o.	Name & Code of MWS	Name of GP	Crop		Area (ha)		Productivity (Q/ha)		Production (Q) Grain/Main product		Fodder/Fuel/ Other Product. (Q)	
			2	Lentil	8	5	11	7	88	35	176	70
			3	Gram	7		10		70	0	140	0
			5	Musta rd	32	5	10	6	320	30	640	60
				Total	101	18			1828	161	2392	236
			Net Cultivable Area		165		Cropping Intensity %		150			
4	Gajdaha wa - 2B1D7h2 b	Gajdahaw a		Crop	Area		Productivity		Production (Q)		Fodder/Fuel/	
					(ha)		(Q/ha)		Grain/Main product		Other Product. (Q)	
					Irrigat ed	Rainfe d	Irrigat ed	Rainfe d.	Irrigated	Rainfed	Irrigated	Rainfed
			A	Kharif								
			1	Rice	12	101	26	16	312	1616	312	1625
			2	Maize	6	36	22	10	132	360	264	720
			3	Arhar		51		6		306		918
				Total	18	188			444	2282	576	3263
			B	Rabi								
			1	Wheat	36	25	27	12	972	300	998	327
			2	Lentil	5	15	12	7	60	105	120	210
			3	Gram	3	8	10	5	30	40	60	80
			5	Musta rd	17	17	11	6	187	102	374	204
				Total	61	65			1249	547	1552	821
			Net Cultivable Area		229		Cropping Intensity %		145			

S.N o.	Name & Code of MWS	Name of GP	Crop		Area (ha)		Productivity (Q/ha)		Production (Q) Grain/Main product		Fodder/Fuel/ Other Product. (Q)	
5	Lambikoh al 2B1D7i1b ,	Lambikoh al		Crop	Area		Productivity		Production (Q)		Fodder/Fuel/	
					(ha)		(Q/ha)		Grain/Main product		Other Product. (Q)	
					Irrigat ed	Rainfe d	Irrigat ed	Rainfe d.	Irrigated	Rainfed	Irrigated	Rainfed
			A	Kharif								
			1	Rice	24	172	25	15	600	2580	610	2608
			2	Maize	10	80	20	11	200	880	400	1760
			3	Arhar		105		6		630		1890
				Total	34	357			800	4090	1010	6258
			B	Rabi								
			1	Wheat	59	56	25	12	1475	672	1510	688
			2	Lentil	11	29	12	7	132	203	264	406
			3	Gram	7	11	11	5	77	55	154	110
			5	Musta rd	37	29	10	5	370	145	740	290
				Total	114	125			2054	1075	2668	1494
			Net Cultivable Area		434		Cropping Intensity %		145			
6	Gugauli- 2B1D7j3d ,	Gugauli/ Shankerp ur		Crop	Area		Productivity		Production (Q)		Fodder/Fuel/	
					(ha)		(Q/ha)		Grain/Main product		Other Product. (Q)	
					Irrigat ed	Rainfe d	Irrigat ed	Rainfe d.	Irrigated	Rainfed	Irrigated	Rainfed
			A	Kharif								
			1	Rice	11	50	25	15	275	750	275	750
			2	Maize	4	18	20	10	80	180	160	360

S.N o.	Name & Code of MWS	Name of GP	Crop		Area (ha)		Productivity (Q/ha)		Production (Q) Grain/Main product		Fodder/Fuel/ Other Product. (Q)	
			3	Arhar		22		5		110		330
				Total	15	90			355	1040	435	1440
			B	Rabi								
			1	Wheat	28	5	25	12	700	60	789	72
			2	Lentil	7	4	12	6	84	24	168	48
			3	Gram	6		10		60		120	0
				Musta rd	10	2	10	5	100	10	200	20
				Total	51	13			944	94	1277	140
			Net Cultivable Area		116		Cropping Intensity %		146			
7	Barahwa- 2B1D7j2c ,	Barahwa		Crop	Area		Productivity		Production (Q)		Fodder/Fuel/	
					(ha)		(Q/ha)		Grain/Main product		Other Product. (Q)	
					Irrigat ed	Rainfe d	Irrigat ed	Rainfe d.	Irrigated	Rainfed	Irrigated	Rainfed
			A	Kharif								
			1	Rice	52	485	27	16	1404	7760	1410	7760
			2	Maize	21	150	20	9	420	1350	840	2700
			3	Arhar		225		5		1125		3375
				Total	73	860			1824	10235	2250	13835
			B	Rabi								
			1	Wheat	135	165	25	11	3375	1815	3456	1912
			2	Lentil	20	55	12	6	240	330	480	660
			3	Gram	15	26	10	5	150	130	300	260
			5	Musta	71	82	11	5	781	410	1562	820

S.N o.	Name & Code of MWS	Name of GP	Crop	Area (ha)		Productivity (Q/ha)		Production (Q) Grain/Main product		Fodder/Fuel/ Other Product. (Q)		
				rd								
				Total	241	328		4546	2685	5798	3652	
			Net Cultivable Area		1035		Cropping Intensity %	145				
8	Bhadwar- 2B1D7e3 a, 2B1D7e3 b, 2B1D7j3d ,	Bhadwar		Crop	Area		Productivity		Production (Q)		Fodder/Fuel/	
					(ha)		(Q/ha)		Grain/Main product		Other Product. (Q)	
					Irrigat ed	Rainfe d	Irrigat ed	Rainfe d.	Irrigated	Rainfed	Irrigated	Rainfed
			A	Kharif								
			1	Rice	8	174	27	16	216	2784	216	2784
			2	Maize	3	59	20	9	60	531	120	1062
			3	Arhar		106		5		530		1590
				Total	11	339			276	3845	336	5436
			B	Rabi								
			1	Wheat	19	85	25	11	475	935	526	1015
			2	Lentil	5	35	12	6	60	210	120	420
			3	Gram	4	15	10	5	40	75	80	150
			5	Musta rd	10	40	11	5	110	200	220	400
				Total	38	175			685	1420	946	1985
			Net Cultivable Area		388		Cropping Intensity %	145				
9	Ganeshp ur- 2B1D7e2	Ganeshpu r		Crop	Area		Productivity		Production (Q)		Fodder/Fuel/	
					(ha)		(Q/ha)		Grain/Main product		Other Product. (Q)	

S.N o.	Name & Code of MWS	Name of GP	Crop		Area (ha)		Productivity (Q/ha)		Production (Q) Grain/Main product		Fodder/Fuel/ Other Product. (Q)	
	C, 2B1D7e2 d				Irrigat ed	Rainfe d	Irrigat ed	Rainfe d.	Irrigated	Rainfed	Irrigated	Rainfed
			A	Kharif								
			1	Rice		162		15		2430		2430
			2	Maize		70		10		700		1400
			3	Arhar		125		6		750		2250
				Total	0	357				3880		6080
			B	Rabi								
			1	Wheat		95		10		950		1015
			2	Lentil		45		5		225		450
			3	Gram		18		5		90		180
			5	Musta rd		60		6		360		720
				Total	0	218				1625		2365
		Net Cultivable Area			396		Cropping Intensity %		145			

Table 3.7: Horticulture Status

S. No .	Name & Code of MWS	Name of Gram Panchayats	Name of Important horticultural crop							
			Whole Fruit Crop				Scattered Fruit Crop			
			Name	Area (ha)	Productiv ity (qtl/ha)	Production (qtl)	Name	Area (ha)	Productivit y (qtl/ha)	Production (qtl)
1	2	3	4	5	6	7	8	9	10	11
1	Garahwa 2B1D7D2a,2B1D7e2d	Garahwa	Mango	4	35	140	Papaya	4	500	2000
2	Newalganj 2B1D7h2b,2B1D7i2a	Newal ganj	Mango	9	35	315	Gauva	1	20	20
3	Katkuiyan-2B1D7i1b	Katkuiyan	--	--	--	--	Gauva	3	20	60
4	Gajdahawa -2B1D7h2b	Gajdahawa	Mango	7	35	245	--	--	--	--
5	Lambikohal 2B1D7i1b, 2B1D7i2d, 2B1D7i2e	Lambikohal	Mango	9	35	315	Gauva	4	20	80
6	Gugauli 2B1D7j3d,2B1D7j1b	Gugauli/ Shankerpur	Mango	5	35	175	Gauva	5	20	100
7	Barahwa,2B1D7j2c,2B1D7j2d	Barahwa	Gauva	12	20	240	Ber	2	10	20
	Ramwapur,2B1D7j2a,2B1D7j3a		Mango	9	35	315	Ber	1	10	10
	Lakhai,2B1D7j2a		Mango	14	35	490	Papaya	4	500	2000
8	Bhadwar 2B1D7e3a,2B1D7e3b,2B1D7j3d,2B1D7j3a	Bhadwar	Gauva	8	20	160	Papaya	3	500	1500
9	Ganeshpur 2B1D7e2c,2B1D7e2d	Ganeshpur	Mango	6	35	210	Ber	4	10	40
			TOTAL	83	320	2605		31	1610	5830

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 .	Name & Code of MWS	Name of GP	Cow		Buffalow		Ox/ Bull	Goat	Sh ee p	Piggeri es	Poultry			Other specif y
			Desi	Cros sed	Desi	Mur rah					Broil er	Laye rs	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Garahwa 2B1D7D2a,2B1D7e2d	Garahwa	81	8	74	6	45	205	10	0	240	20	260	
2	Newalganj 2B1D7h2b,2B1D7i2a	Newal ganj	185	16	58	7	40	135	5	0	32	18	50	
3	Katkuiyan-2B1D7i1b	Katkuiyan	270	30	52	8	60	560	0	0	170	30	200	
4	Gajdahawa -2B1D7h2b	Gajdahawa	96	9	68	4	66	95	0	0	76	10	86	
5	Lambikohal 2B1D7i1b, 2B1D7i2d, 2B1D7i2e	Lambikohal	18	2	19	3	20	25	10	0	25	5	30	
6	Gugauli 2B1D7j3d,2B1D7j1b	Gugauli/ Shankerpur	54	6	28	4	42	24	2	0	20	5	25	
7	Barahwa,2B1D7j2c,2B1D7j2d	Barahwa	81	8	74	6	45	205	10	0	240	20	0	
	Ramwapur,2B1D7j2a,2B1D7j3a													
	Lakhai,2B1D7j2a													
8	Bhadwar 2B1D7e3a,2B1D7e3b,2B1D7j3d,2B1D7j3a	Bhadwar	40	3	19	8	26	18	5	0	13	2	15	
9	Ganeshpur 2B1D7e2c,2B1D7e2d	Ganeshpur	111	9	68	7	55	123	8	0	132	18	150	
		TOTAL	936	91	460	53	399	1390	50	0	948	128	816	

Table.3.9: Details of Livestock Productivity

S. No.	Name & Code of MWS	Name of Gram Panchayats	Milk Production(Liter/day/animal)				Goatry	Poultry		Piggeries
			Cows		Buffalos			Weight	Broiler Weight	
			Desi	Crossed	Desi	Murrah	Kg/goat	Kg/ Brl	eggs/day	Kg/Pig
1	2	3	4	5	6	7	8	9	10	11
1	Garahwa 2B1D7D2a,2B1D7e2d	Garahwa	2	5	3	10	10-12	1.5-2.00	10	0
2	Newalganj 2B1D7h2b,2B1D7i2a	Newal ganj	2	8	3	11	10-12	0	9	0
3	Katkuiyan-2B1D7i1b	Katkuiyan	2	6	3	11	10-12	0	15	0
4	Gajdahawa -2B1D7h2b	Gajdahawa	3	5	3	12	10-12	1.5-2.00	5	0
5	Lambikohal 2B1D7i1b, 2B1D7i2d, 2B1D7i2e	Lambikohal	2	5	3	12	10-12	1.5-2.00	3	0
6	Gugauli 2B1D7j3d,2B1D7j1b	Gugauli/ Shankerpur	2	6	3	10	10-12	1.5-2.00	2	0
7	Barahwa,2B1D7j2c,2B1D7j2d	Barahwa	2	5	3	12	10-12	0	10	0
	Ramwapur,2B1D7j2a,2B1D7j3a									
	Lakhai,2B1D7j2a									
8	Bhadwar 2B1D7e3a,2B1D7e3b,2B1D7j3d,2B1D7j3a	Bhadwar	2	5	3	12	10-12	0	1	0
9	Ganeshpur 2B1D7e2c,2B1D7e2d	Ganeshpur	2	6	3	10	10-12	1.5-2.00	9	0
		Avg.	2.1	5.7	3	11		0	64	0

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	Name & Code of MWS	Name of GP	Name of Livelihood Activity	No. of house hold engaged				Pre project	Desired Activities	Expected Income from desired activities
				SC/ST	Other	Women	Total			
1	2	3	4	5	6	7	8	9	10	11
1	Garahwa-2B1D7D2a, 2B1D7e2d	Garahwa	Labour	5	7	1	13	18500	Improvement of Livelihood through Micro Enterprises, Horticulture, Animal Husbandry Etc	>25-30%
2	Newalganj-2B1D7h2b, 2B1D7i2a	Newal ganj		5	10	1	16	16400		>25-30%
3	Katkuiyan-2B1D7i1b	Katkuiyan		10	17	2	29	19000		>25-30%
4	Gajdahawa -2B1D7h2b	Gajdahawa		3	6	0	9	20450		>25-30%
5	Lambikohal 2B1D7i1b, 2B1D7i2d, 2B1D7i2e	Lambikohal		6	10	1	17	21000		>25-30%
6	Gugauli-2B1D7j3d, 2B1D7j1b	Gugauli/ Shankerpur		5	8	1	14	19800		>25-30%
7	Barahwa-2B1D7j2c, 2B1D7j2d, Ramwapur-2B1D7j2a, 2B1D7j3a, Lakhai-2B1D7j2a	Barahwa		7	12	1	20	17650		>25-30%
8	Bhadwar-2B1D7e3a, 2B1D7e3b, 2B1D7j3d, 2B1D7j3a	Bhadwar		3	5	0	8	17650		>25-30%
9	Ganeshpur-2B1D7e2c, 2B1D7e2d	Ganeshpur		7	11	1	19	19450		>25-30%
		TOTAL		51	87	7	146			

Table 3.11: Details of Livelihood Status Other Farmers

S.No	Name & Code of MWS	Name of GP	Name of Livelihood Activity	No. of house hold engaged				Pre project Avg. Income/Year	Desired Activities	Expected Income from desired activities
				SC/ST	Other	Women	Total			
1	2	3	4	5	6	7	8	9	10	11
1	Garahwa-2B1D7D2a, 2B1D7e2d	Garahwa	Labour	89	111	22	222	48500	Improvement of Livelihood through Micro Enterprises, Horticulture, Animal Husbandry Etc	>25-30%
2	Newalganj-2B1D7h2b, 2B1D7i2a	Newal ganj		128	160	31	319	46400		>25-30%
3	Katkuiyan-2B1D7i1b	Katkuiyan		212	264	53	529	39000		>25-30%
4	Gajdahawa -2B1D7h2b	Gajdahawa		67	84	17	168	40450		>25-30%
5	Lambikohal 2B1D7i1b, 2B1D7i2d, 2B1D7i2e	Lambikohal		145	181	36	362	41000		>25-30%
6	Gugauli-2B1D7j3d, 2B1D7j1b	Gugauli/ Shankerpur		95	119	24	238	39800		>25-30%
7	Barahwa-2B1D7j2c, 2B1D7j2d, Ramwapur- 2B1D7j2a, 2B1D7j3a, Lakhai-2B1D7j2a	Barahwa		150	188	37	375	37650		>25-30%
8	Bhadwar-2B1D7e3a, 2B1D7e3b, 2B1D7j3d, 2B1D7j3a	Bhadwar		52	65	12	129	37775		>25-30%
9	Ganeshpur-2B1D7e2c, 2B1D7e2d	Ganeshpur		148	185	37	370	39000		>25-30%
		TOTAL		1085	1356	271	2712			

Table 3.12: Details of Present Livelihood Status

S.N o.	Name & code of Micro watershed	Name of GP	Activities																			
			Dairy		Poultry		Goatry		Piggeries		Fisheries		Black Smithy		Carpentry		Stitching/ knitting		Wages			
			No	Avg incom	No	Avg incom	No	Avg incom	No	Avg incom	No	Avg incom	No	Avg incom	No	Avg incom	No	Avg incom	No	Avg incom		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Garahwa 2B1D7D2a,2B1D7e2d	Garahwa	165	39765	180	23400	742	28712	11	55000			1	10000	1	20000	3	120000	11500	92000		
2	Newalganj 2B1D7h2b,2B1D7i2a	Newal ganj	1708	40978	200	26000	784	30264	13	65000	1	27000	2	18000	3	35000	2	90000	1100	88000		
3	Katkuiyan-2B1D7i1b	Katkuiyan	168	40488	220	28600	550	21340			2	54000	1	10000	2	24000	3	120000	1200	96000		
4	Gajdahawa -2B1D7h2b	Gajdahawa	1633	39283	250	32500	792	30652			1	30000	1	18000	3	44000	2	190000	1000	80000		
5	Lambikohal 2B1D7i1b, 2B1D7i2d, 2B1D7i2e	Lambikohal	154	37114	230	29900	760	29488	10	50000	2	52000	2	10000	1	20000	3	120000	1150	92000		
6	Gugauli 2B1D7j3d,2B1D7j1b	Gugauli/ Shankerpur	1722	41452	190	24700	850	32980	12	60000	1	30000	1	20000	2	20000	3	125000	1130	90400		
7	Barahwa,2B1D7j2c,2B1D7j2d	Barahwa	180	43380	300	39000	860	33368	13	65000	2	52000	4	10000	3	44000	2	90000	1100	88000		
	Ramwapur,2B1D7j2a,2B1D7j3a																					
	Lakhai,2B1D7j2a																					
8	Bhadwar 2B1D7e3a,2B1D7e3b,2B1D7j3d,2 B1D7j3a	Bhadwar	180	43380	19	24700	550	21340	14	70000	1	27000	1		1	20000	2	90000	1100	88000		
9	Ganeshpur 2B1D7e2c,2B1D7e2d	Ganeshpur	154	37114	19	24700	760	29488	11	55000	1	27000	2	10000	3	44000	2	190000	1130	90400		
		TOTAL	1506	362906	195	2535500	664	257632	84	420000	11	299000	150	106000	19	2710900	22	1135200	10060	15536000		

Table 3.13: Ground Water Status

S.No.	Name & Code of MWS	Name of GP	Depth of Ground Water Table		No. of Observation wells	Remarks		
			(Below Ground level) in Meter					
			Before Monsoon	After Monsoon				
1	2	3	4	5	6	7		
1	Garahwa 2B1D7D2a,2B1D7e2d	Garahwa	11	8	6	--		
2	Newalganj 2B1D7h2b,2B1D7i2a	Newal ganj	10	7	5	--		
3	Katkuiyan-2B1D7i1b	Katkuiyan	12	8	4	--		
4	Gajdahawa -2B1D7h2b	Gajdahawa	11	9	5	--		
5	Lambikohal 2B1D7i1b, 2B1D7i2d, 2B1D7i2e	Lambikohal	9.5	6	5	--		
6	Gugauli 2B1D7j3d,2B1D7j1b	Gugauli/ Shankerpur	8.5	5	6	--		
7	Barahwa,2B1D7j2c,2B1D7j2d	Barahwa	9	6	4	--		
	Ramwapur,2B1D7j2a,2B1D7j3a							
	Lakhai,2B1D7j2a							
8	Bhadwar 2B1D7e3a,2B1D7e3b,2B1D7j3d,2B1D7j3a	Bhadwar	11	7	5	----		
9	Ganeshpur 2B1D7e2c,2B1D7e2d	Ganeshpur	12	8	6	--		
		TOTAL	Avg. 10-11	Avg. 7-8	46	--		

Table 3.14: Cultivated/Irrigated Area

S.No.	Code of MWS	Name of GP	Gross Cultivated Area				Net Cultivated Area (ha)	Gross Irrigated Area				Net Irrigated Area(ha)	Rainfed Area (ha)
			Kharif	Rabi	Zaid	Total		Kharif	Rabi	Zaid	Total		
1	1	2	3	4	5	6	7	8	9	10	11	12	14
1		Garahwa	513	313	--	826	569	14	46	--	60	46	523
2		Newal ganj	175	238	--	413	250	67	221	--	288	221	29
3		Katkuiyan	129	119	--	248	165	30	101	--	131	101	64
4		Gajdahawa	206	126	--	332	229	18	61	--	79	61	168
5		Lambikohal	391	239	--	630	434	34	114	--	148	114	320
6		Gugauli/ Shankerpur	105	64	--	169	116	15	51	--	66	51	65
7		Barahwa	933	569	--	1502	1035	73	241	--	314	241	794
8		Bhadwar	350	213	--	563	388	11	38	--	49	38	350
9		Ganeshpur	357	218	--	575	396	0	0	--	0	0	396
		Total	3159	2099	0	5258	3582	262	873	0	1135	873	2709

Table 3.15: Irrigation Area (source wise)

(Area in ha)

S. N O.	Name & Code of MWS	Name of GP	Can al Are a	State Tube wells		Tanks		Open well		Bore wells		Lift irrigatio n		Others (Specify)	Total Irrigat ed	Remar ks	
				ha	N o.	Are a	N o.	Are a	N o.	Are a	N o.	Are a	N o.	Are a			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Garahwa 2B1D7D2a,2B1D7e2d	Garahwa	-	-	-	3	9	4	-	5	25	-	-	-	-	46	-
2	Newalganj 2B1D7h2b,2B1D7i2a	Newal ganj	-	1	55	10	30	5	-	20	100	-	-	-	-	221	-
3	Katkuiyan-2B1D7i1b	Katkuiyan	40	-	-	7	21	3	-	5	25	-	-	-	-	101	-
4	Gajdahawa -2B1D7h2b	Gajdahawa	28	-	-	5	15	6	-	10	50	-	-	-	-	114	-

S. N o.	Name & Code of MWS	Name of GP	Can al Are a	State Tube wells		Tanks		Open well		Bore wells		Lift irrigatio n		Others (Specify)		Total Irrigat ed	Remar ks	
				ha	N o.	Are a	N o.	Are a	N o.	Are a	N o.	Are a	N o.	Are a	N o.	Are a		
5	Lambikohal 2B1D7i1b, 2B1D7i2d, 2B1D7i2e	Lambikohal	15	-	-	3	9	4	-	5	25	-	-	-	-	61	-	
6	Gugauli 2B1D7j3d,2B1D7j1b	Gugauli/ Shankerpur	-	-	-	3	9	3	-	6	30	-	-	-	-	51	-	
7	Barahwa,2B1D7j2c,2B1D7j2d	Barahwa	-	1	60	10	30	13	-	30	97	-	-	-	-	241	-	
	Ramwapur,2B1D7j2a,2B1D7j3a																	
	Lakhai,2B1D7j2a																	
8	Bhadwar 2B1D7e3a,2B1D7e3b,2B1D7j3d,2B1D7j3 a	Bhadwar	-	-	-	1	3	4	-	5	25	-	-	-	-	38	-	
9	Ganeshpur 2B1D7e2c,2B1D7e2d	Ganeshpur																
				TOTAL	83	2	115	42	126	42		86	377	-	-	-	873	-

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-2nd) in Balrampur District of U.P. The PIA is responsible for implementation of Watershed Program. The PIA for IWMP in Balrampur 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	28.05.2010
(ii)	Type of organization	Line Dept.
(iii)	Name of organization	Bhoomi Vikash and Jal Sansadhan U.P.
(iv)	Designation & Address	BSA, IWMP, Balrampur
(v)	Telephone/Mo.No.	05263-233813
(vi)	E-mail	bsaldwrbl-up@nic.in

Table 4.2: Details of Staff at PIA

S.No.	Name	M/F	Designation	Qualification	Field of Experience & Period	Roll/Function
1	Sri R.K. Tyagi	M	BSA	Diploma in Ag. Engg.	30	Watershed Management
2	Sri S.P.G. Rao	M	Jr. Engineer	Diploma in Civil Engg.	28	-do-
3	Sri P.D.Singh	M	A.S.C.I.	Diploma in Ag.	25	-do-
4	Sri Sohan Lal	M	A.S.C.I.	BSc. Ag.	25	-do-
5	Sri Laxman Prasad Chaudhari	M	A.S.C.I.	BSc. Ag.	32	-do-
6	Sri Onkar Nath Upadhyaya	M	Accountant	B.Com.	30	--
7	Sri Krishan Mohan Gupta	M	Accountant	M.Com	28	--
8	Sri R.P. Dubay	M	Tracer	B.A.	10	-do-
9	Sri Radheshyam	M	Sr. Clerk	B.A.	32	--
10	Sri Rambilash Gornd	M	Work Incharge	B.A.	30	-do-
11	Sri Vispal Singh	M	Work Incharge	Intermediate	26	-do-
12	Sri Mahendra Kumar Mishra	M	Work Incharge	High School	26	-do-
13	Sri Prabhu Yadava	M	Work Incharge	High School	25	-do-

Table 4.3: Details of Watershed Development Team (WDT)

S. NO.	Name	M/F	Designation	Qualification	Field of Experience & Period	Roll/Function
1	2	3	4	5	6	7
1	Ganga Ram Yadav	M		B.S.C(AG)	6	W.D.T
2	Santosh Kumar verma	M		B.S.C(AG)	6	W.D.T
3	Dharam Chandra	M		B.S.C(AG)	6	W.D.T
4	Abha Tiwari	F		M.A Sociology	6	W.D.T

Table 4.4: Details of Watershed Committee (WC)

S.N o	Name of Code of MWS	Name of GP	Name	Designatio n	M/ F	SC/ST/Other s	SF/MF/LF/L L	UG/SHG/GP/Oth er	Educational Qualificatio n
1	2	3	4	5	6	7	8	9	10
1	Newalganj 2B1D7h2b,2B1D7i2a	Newal ganj	Phooley Raj	Secretry	M	Others	LF	Others	5 th
			Parwati devi	President	F	Sc	LL	Others	12 th
			Keshav Ram	Member	M	Others	LF	UG	5 th
			Raffiq	Member	M	Others	S	Others	12 th
			Shambhu Prasad	Member	M	Others	LF	UG	5 th
			Raza ram	Member	M	SC	LL	Others	10 th
			Shankar	Member	M	Others	SF	UG	10 th
			Moni	Member	F	SC	SF	GP	5 th
			Ganga Ram	Member	M	Others		W.D.T	Bsc. Ag
			Sheela	Member	F	Others	LL	SHG	8 th

S.N o	Name of Code of MWS	Name of GP	Name	Designatio n	M/ F	SC/ST/Other s	SF/MF/LF/L L	UG/SHG/GP/Oth er	Educational Qualificatio n
1	2	3	4	5	6	7	8	9	10
2	Gajdahwa,2B1D7i1b,2B1D7i2d,2B1D7i2e	Gajdahwa(Bardaulia)	Ram Shukh	Secretry	M	Others	LL	Others	BA
			Prabha wati	President	F	Others	LL	Others	10 th
			Omkar Verma	Member	M	Others	SF	UG	BA
			Mave Ram	Member	M	SC	SF	UG	8 th
			Ayodhya Prasad	Member	M	Others	SF	UG	8 th
			Khadu prasad	Member	M	Others	SF	Others	8 th
			Santosh kumar	Member	M	Others	SF	UG	10 th
			Ram kumar	Member	M	SC	SF	Others	5 th
			Santosh Kumar verma	WDT	M	Others	SF	Others	Bsc. Ag
			SPG Rao	JE	M	Others	SF	Others	Eng.Dip
3	Katkuiyan,2B1D7i1b	Katkuiyan	Suneeta	Member	F	Others	LL	SHG	10th
			Akhilesh kumar	Secretry	M	Others	LL	Others	BA
			Maya Devi	President	F	Others	LL	Others	BA
			Sheela devi	Member	F	Sc	LL	Others	5 th
			Tahira	Member	F	Others	LL	Others	5 th
			Jagram	Member	M	Sc	MF	UG	5 th
			Ram lal	Member	M	Others	MF	UG	5 th
			Jag Prasad	Member	M	Others	LF	UG	5 th
			Ashrafi lal	Member	M	Others	ML	UG	5 th
			Babu lal	Member	M	Others	LF	SHG	Bsc.
4	Lambikohal 2B1D7i2a	Lambikohal	Dharam Chandra	Member	M	Others		W.D.T	Bsc. Ag
			Moh. Gaush	Secretry	M	Others	LL	Others	10 th
			Salai khatoon	President	F	Others	LL	Others	8 th
			Abdul habeeb	Member	M	Others	MF	UG	8 th
			Moh. Farooq	Member	M	Others	ML	Others	5 th

S.N o	Name of Code of MWS	Name of GP	Name	Designatio n	M/ F	SC/ST/Other s	SF/MF/LF/L L	UG/SHG/GP/Oth er	Educational Qualificatio n
1	2	3	4	5	6	7	8	9	10
			Jag Prasad	Member	M	Sc	LL	UG	5 th
			Shiv ram	Member	M	Others	MF	UG	5 th
			Moh. Nazeer	Member	M	Others	LF	UG	5 th
			Sohan	Member	M	Others	MF	Others	5 th
			Kallu	Member	M	Others	SF	Others	8 th
			Ganga Ram	Member	M	Others	ML	Others	Bsc. Ag
			Sakurnnisha	Member	F	Others	LL	SHG	Bsc.
5	Gugauli 2B1D7j3d,2B1D7j1b	Gugauli kalan	Sant Saran Verma	Secretry	M	Others	MF	UG	12th
			Ram vewas	President	M	Others	MF	UG	12 th
			Raghupati	Member	F	Others	MF	UG	10 th
			Ram bujharat	Member	M	Others	MF	UG	12 th
			Prem Kumar	Member	M	Others	MF	UG	5 th
			Raghuraji	Member	F	Sc	LL	Others	5 th
			Shyam Lal	Member	M	Others	MF	UG	5 th
			Veer sen	Member	M	Others	ML	SHG	5 th
			SPG Rao	Member	M	Others	MF	UG	Eng.Dip
			Santosh Kumar verma	Member	M	Others		W.D.T	Bsc. Ag
			Swami nath	Member	M	Others	MF	Others	8 th
			Ali hasan	Member	M	Others	MF	SHG	Bsc.
6	Barahwa,2B1D7j2c,2B1D7j2d	Barahwa	Krishna Kumar	Secretry	F	Others	LL	SHG	5 th
	Ramwapur,2B1D7j2a,2B1D7j3a		Kanti	President	M	SC	MF	Others	10 th
	Lakhai,2B1D7j2a		Swami nath	Member	M	Others	LL	Others	10 th
			Tulsi Ram	Member	M	Others	SF	UG	5 th
			Sita Ram	Member	M	Others	MF	UG	5 th
			Gudia	Member	M	Others	LL	SHG	5 th

S.N o	Name of Code of MWS	Name of GP	Name	Designatio n	M/ F	SC/ST/Other s	SF/MF/LF/L L	UG/SHG/GP/Oth er	Educational Qualificatio n
1	2	3	4	5	6	7	8	9	10
			Foolan Devi	Member	F	Others	LL	Others	5 th
			Karta ram	Member	M	Others	LL	Others	5 th
			Haqeeem	Member	M	Others	MF	UG	5 th
			SPG Rao	Member	M	Others	MF	Others	Eng.Dip.
			Dharam Chandra	Member	M	Others		W.D.T	Bsc. Ag
7	Bhadwar 2B1D7e3a,2B1D7e3b,2B1D7j3d,2B1D7j 3a	Bhadwar	Swami nath	Secretry	M	SC	LL	SHG	8 th
			Ram Dayal	President	M	SC	MF	UG	5 th
			Jagdamba	Member	M	SC	LL	UG	5 th
			Munni Devi	Member	F	SC	ML	Others	5 th
			ram Pratap	Member	M	Others	ML	UG	5 th
			Ram Naresh	Member	M	Others	LL	UG	5 th
			Naseer	Member	M	Others	LL	UG	5 th
			Jagdish	Member	M	Others	ML	UG	5 th
			SPG Rao	Member	M	Others	ML	Others	Eng.Dip.
			Shobha ram	Member	M	Others	LL	SHG	5 th
			Ganga Ram	Member	F	Others	ML	Others	Bsc. Ag
8	Garhwa 2B1D7D2a,2B1D7e2d	Garhwa	Alam Rizvi	Secretry	M	Others	LL	Others	BA
			Badshah Alam	President	M	Others	LF	UG	BA
			Ali Ishrar	Member	M	Others	LL	SHG	5 th
			Kali Prasad	Member	M	SC	MF	Others	8 th
			Zareena	Member	F	Others	LL	SHG	5 th
			Moh. Idresh	Member	M	Others	MF	SHG	8 th
			Rakesh kumar	Member	M	Others	ML	Others	8 th
			Mukhtar Ali	Member	M	Others	ML	UG	5 th
			SPG Rao	Member	M	Others	ML	Others	Eng.Dip.
			Ganga Ram	Member	M	Others	SF	Others	Bsc. Ag

S.N o	Name of Code of MWS	Name of GP	Name	Designatio n	M/ F	SC/ST/Other s	SF/MF/LF/L L	UG/SHG/GP/Oth er	Educational Qualificatio n
1	2	3	4	5	6	7	8	9	10
			Ram Dulari	Member	F	Others	ML	SHG	5 th
9	Ganeshpur 2B1D7e2c,2B1D7e2d	Ganeshpur	Yogesh kumar	Secretry	M	Others	LF	UG	MA
			Mominnisha	President	F	Others	LL	Others	5 th
			Ratna	Member	F	SC	LF	SHG	5 th
			Zivesh kumar	Member	M	Others	LL	UG	B.ed
			Ram Bujharat	Member	M	Others	LL	Others	5 th
			Leela Wati	Member	F	Others	LL	SHG	5 th
			Jugra	Member	F	SC	LL	SHG	5 th
			Bhulai	Member	M	SC	MF	UG	5 th
			SPG Rao	Member	M	Others	ML	Others	Eng.Dip.
			Santosh Kumar verma	Member	M	Others		W.D.T	Bsc. Ag

- 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.	MWS Code	Gram Panchyat	Code of User Group	Total No. of Members	Name of Bank & Address	A/c No. & Date	Upto date saving	Group Activity	Status of Agreement
1	2B1D7d2a	Garahwa	WHB01	11	Union Bank, Balrampur	--	--	--	--
2	2B1D7d2a	Garahwa	WHB02	17	State Bank of India, Balrampur	--	--	--	--
3	2B1D7d2a	Garahwa	WHB03	5	State Bank of India, Balrampur	--	--	--	--
4	2B1D7e2d	Garahwa	WHB01	23	Union Bank, Balrampur	--	--	--	--
5	2B1D7e2d	Garahwa	WHB02	19	Union Bank, Balrampur	--	--	--	--
6	2B1D7e2d	Garahwa	WHB03	15	State Bank of India, Balrampur	--	--	--	--
7	2B1D7e2d	Garahwa	WHB04	7	Union Bank, Balrampur	--	--	--	--
8	2B1D7e3b	Bhadwar	WHB01	13	State Bank of India, Balrampur	--	--	--	--
9	2B1D7e3b	Bhadwar	WHB02	15	Union Bank, Balrampur	--	--	--	--
10	2B1D7i1b	Bardaulia	WHB01	19	State Bank of India, Balrampur	--	--	--	--
11	2B1D7i1b	Katkuiyan	WHB02	25	Union Bank, Balrampur	--	--	--	--
12	2B1D7i1b	Lambi Kohal	WHB03	10	State Bank of India, Balrampur	--	--	--	--
13	2B1D7i1b	Newalganj	WHB04	14	Union Bank, Balrampur	--	--	--	--

S.No.	MWS Code	Gram Panchyat	Code of User Group	Total No. of Members	Name of Bank & Address	A/c No. & Date	Upto date saving	Group Activity	Status of Agreement
14	2B1D7i2a	Lambi Kohal	WHB01	19	State Bank of India, Balrampur	--	--	--	--
15	2B1D7j2a	Barhawa	WHB02	18	Union Bank, Balrampur	--	--	--	--
16	2B1D7j3a	Barhawa	WHB01	6	State Bank of India, Balrampur	--	--	--	--
17	2B1D7e2d	Garahwa	PND	14	Union Bank, Balrampur	--	--	--	--

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 to help and uplift their livelihood. Generally self help groups are formed for the landless/assetless, SC/ST and women.

Table 4.6: Details of Self Help Groups

S.No.	Name of GP	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	Newalganj	Jai hanuman	1/12/2011	Suneet	Sheela	10	-	-	10	sarva up gramin Bank Harriya		Silai
2	Newalganj	Nirmal	6/2/2012	Deen nath	Kalpnath	-	-	9	9	sarva up gramin Bank Harriya		Dairy
3	Garahwa	Ekta	14/11/2011	Naz Rizvi	Khusnuma	10	-	-	10	sarva up gramin Bank Lalnagar		Silai

S.No.	Name of GP	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			
4	Garahwa	Jai Saheed	20/11/2011	Shah Alam	Mukhtar Ali	-	-	10	10	sarva up gramin Bank Lalnagar		Goatry
5	Ganeshpur	Shakti	7/1/2012	Anita Singh	Punam	10	-	-	10	Alahabad Bank harriya		Selai
6	Ganeshpur	Raghav	18/2/2012	Ram Khelawan	Ajai Kumar	-	5	4	9	Alahabad Bank harriya		Poultry
7	Bhadwar	Raheem	27/12/2011	moh. Naseer	Nashrulla	-	2	8	10	Alahabad Bank harriya		Goatry
8	Bhadwar	Garreb newas	15/2/2012	Abdul Kalam	Amzad	-	-	10	10	Alahabad Bank harriya		Roapmaking
9	Barahwa	Mansa devi	29/12/2011	Mubarak Ali	Ram Lakan	-	4	7	11	Alahabad Bank harriya		Roapmaking
10	Barahwa	Ekta	10/12/2011	Zakrunnisha	Rehana	10	-	-	10	Alahabad Bank harriya		Selai
11	Barahwa	Asha	16/12/2011	Fool Kumari	Vimla Devi	12	-	-	12	Alahabad Bank harriya		Goatry
12	Lambikohal	Khawajha	8/12/2011	Dilmaya	Shakrunnisha	11	-	-	11	sarva up gramin Bank Harriya		Selai
13	Lambikohal	Gazi	14/12/2011	Shanaza Bano	Mehnaz	10	-	-	10	sarva up gramin Bank Harriya		Selai
14	Newalganj/Katkuiyan	Sadbhawna	5/12/2011	Prahlad	Paras Nath	-	3	8	11	sarva up gramin Bank Harriya		Dairy

S.No.	Name of GP	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			
15	Newalganj/Katkuiyan	Jai ma saraswati	2/2/2012	Arti	Ram Pyari	10	-	-	10	sarva up gramin Bank Harriya		Selai
16	Gajdahwa/Bardaulia	Jai durga ma	9/2/2012	Suneeta	Uma	12	-	-	12	sarva up gramin Bank Harriya		Selai
17	Gajdahwa/Bardaulia	Jai Bajrang	8/2/2012	Agya Ram	Tula Ram	-	-	10	10	sarva up gramin Bank Harriya		Dairy
18	Shankarpur	Bhai chara	11/11/2011	Arvind	Veer Sen	-	-	11	11	Alahabad Bank harriya		Roapmaking
19	Shankarpur	Jai ma Kali	13/2/2012	Hari sharan	Swami nath	-	5	5	10	Alahabad Bank harriya		Dairy

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

- a) Lack of proper credit facilities due to low intervention of formal financial credit institutions.
- b) Excessive exploitation of weaker section by money lenders and also Lack of attitude for saving among poor people.
- c) 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-II:

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 with other Schemes

S.No	Watershed Code	Project Cost (Rs.)	Treatable Area (Ha.)	Budget	Convergence	Percent
1	2B1D7d2a	7.820	100	6.720	1.100	16.40
2	2B1D7e2c	16.032	223	14.986	1.046	7.00
3	2B1D7e2d	46.030	600	40.320	5.710	14.20
4	2B1D7e3a	8.085	114	7.661	0.425	5.50
5	2B1D7e3b	19.137	280	18.816	0.321	1.70
6	2B1D7h2b	14.269	200	13.440	0.829	6.20
7	2B1D7i1b	33.876	460	30.912	2.964	9.60
8	2B1D7i2a	18.120	265	17.808	0.312	1.80
9	2B1D7i2d	2.724	40	2.688	0.036	1.30
10	2B1D7i2e	1.799	25	1.680	0.119	7.10
11	2B1D7j1b	1.841	25	1.680	0.161	9.60
12	2B1D7j2a	22.522	330	22.176	0.346	1.60
13	2B1D7j2c	16.862	250	16.800	0.062	0.40
14	2B1D7j2d	23.824	350	23.520	0.304	1.30
15	2B1D7j3a	21.098	310	20.832	0.266	1.30
16	2B1D7j3d	0.734	10	0.672	0.062	9.30
Grand Total		254.775		3582	240.710	14.064
						5.84

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. In total **28** activities are executed in the project area which costed Rs. **17,1936/-**.

Table 5.1: Details of EPA

S.No.	Block	VILLAGE NAME	Name of GP	No. of EPA	Nos. of EPA	Name f EPA	Expenditure
1	2	3	4	5	6	7	8
1	Tulsipur	Garahwa	Garahwa	4	4	MB/PFB	2.7312
2	Tulsipur	Newalganj	Newalganj	3	3	MB/PFB	1.2000
3	Harriya Satgharwa	Katkauiyan	Katkauiyan	1	1	MB	0.7920
4	Harriya Satgharwa	Bardaulia/Gajdahawa	Gajdahawa	3	3	MB, PFB	1.10000
5	Harriya Satgharwa	Lambikohal	Lambikohal	2	2	MB, PFB	1.38240
6	Harriya Satgharwa	Bhatpurwa	Gajdahawa	1	1	MB	0.70000
7	Harriya Satgharwa	Shankarpur	Shankarpur	1	1	MB	0.5568
8	Harriya Satgharwa	Barahwa	Barahwa	2	2	PFB	1.733
9	Harriya Satgharwa	Ramwapur	Barahwa	2	2	PFB	2.410
10	Harriya Satgharwa	Lakahai	Barahwa	3	3	PFB	0.8256
11	Harriya Satgharwa	Bhadwar	Bhadwar	3	3	MB/PFB	1.8624
12	Harriya Satgharwa	Ganeshpur	Ganeshpur	3	3	MB, PFB	1.9008
			TOTAL	28	28		17.1936

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 miltch animals
- Lower milk production
- Lack of feed & fodder availability
- Non availability of wood/fuel
- Lack of proper market facilities
- Lack of educational, transportation, medical & health care facilities
- Low wages
- Small land holdings
- Low income of the households
- Lack of employment opportunity
- Migration from the project area

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-II

(Cost in Rs)

S.No	Particular of Measures/Activities	Unit No./Length/area	2B1D7d2a /Gadwa	2B1D7e2c / Ganeshpur	2B1D7e2d / Ganeshpur	2B1D7e3a / Bhadwar		
			Qty	Amt	Qty	Amt	Qty	Amt
Soil & Water Conservation Measures:								
A.	Moisture Conservation Measures:							
1	Field Bund	ha						
2	Contour Bund (with Sodding)	ha		52.98	106213.18	213.79	476176.74	39.67
3	Peripheral Bund (with Sodding)	ha		107.84	971901.26	124.77	1272898.80	
4	Marginal Bund (with Sodding)	ha		29.62	511970.94	13.22	308875.37	47.3
5	Submergence Bund (with Sodding)	ha						
6	Earthen Check Dam (with Sodding)	Cum				8827.6	1069645.72	
7	Check Road Bund (with Sodding)	ha						
8	Others	ha						
	Sub Total		0.00	1590085.38		3127596.63		801095.09
B. Water Resources Development:								
1	Tank/Pond:	Nos				2	281015.90	
1a.	Water storing capacity	Cum				9826		
1b.	Area proposed for irrigation	ha				174.95		
2	Water Harvesting Bundhi	mtr/Nos	147/3	781954.72		270/4	1134740.90	
2a.	Water storing capacity	Cum	49980			9450		
2b.	Area proposed for irrigation	ha	99.96			18.9		
3	Check Dam	mtr/Nos						
3a.	Water storing capacity	Cum						
3b.	Area proposed for irrigation	ha						
4	Others							

S.No	Particular of Measures/Activities	Unit No./Length/area	2B1D7d2a /Gadwa		2B1D7e2c / Ganeshpur		2B1D7e2d / Ganeshpur		2B1D7e3a / Bhadwar	
			Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt
	Sub Total			781954.72		0.00		1415756.80		0.00
C	Agro forestry:									
1a.	Scattered Plantation	ha		0.982	13110.00	3.108	59670.00	0.527	7440.00	
	Species:	No. of Plants		437		1989		248		
1b.	Block Plantation	ha								
	Species:									
	Afforestation									
2a.	Private Land	ha								
	Species:					176				
2b.	Common Land	ha								
	Species:									
	Silvi pasture	ha								
3a.	Species - plants:									
3b.	Grasses species									
	Species :									
	Others:									
	Sub Total		0.00		13110.00		59670.00		7440.00	
	Grand Total		781954.72		1603195.38		4603023.43		808535.09	

S.No	Particular of Measures/Activities	Unit No./Length/area	2B1D7e3b / Bhadwar		2B1D7h2b / Newalganj		2B1D7i1b / Kath Kuiya		2B1D7i2a / Newalganj	
			Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt
Soil & Water Conservation Measures:										
A.	Moisture Conservation Measures:									
1	Field Bund	ha								
2	Contour Bund (with Sodding)	ha	17.7	39726.18	52.91	117859.72	129.08	298592.87	48.05	76051.67
3	Peripheral Bund (with Sodding)	ha	10.92	110714.76	70.45	605885.25	123.08	1085942.03	172.13	774267.31
4	Marginal Bund (with Sodding)	ha	21.22	524823.02	3.89	83415.47	18.42	266923.86	2.07	12746.96
5	Submergence Bund (with Sodding)	ha								
6	Earthen Check Dam (with Sodding)	Cum	4714.2	550805.54	5805	608838.96	2835	300828.23	7128	529225.45
7	Check Road Bund (with Sodding)	ha					47.1	147539.71		
8	Others	ha								
	Sub Total			1226069.51		1415999.41		2099826.70		1392291.40
B.	Water Resources Development:									
1	Tank/Pond:	Nos								
1a.	Water storing capacity	Cum								
1b.	Area proposed for irrigation	ha								
2	Water Harvesting Bundhi	mtr/Nos	226/2	680209.19			360/4	1246250.73	172/1	413207.82
2a.	Water storing capacity	Cum	7910				14400		13760	
2b.	Area proposed for irrigation	ha	15.82				28.8		27.52	
3	Check Dam	mtr/Nos								
3a.	Water storing capacity	Cum								
3b.	Area proposed for irrigation	ha								
4	Others									
	Sub Total			680209.19		0.00		1246250.73		413207.82
C	Agro forestry:									
1a.	Scattered Plantation	ha	0.384	7380.00	0.772	10890.00	2.166	41550.00	0.34	6510.00
	Species:	No. of Plants	246		363		1385		217	
1b.	Block Plantation	ha								

S.No	Particular of Measures/Activities	Unit No./Length/area	2B1D7e3b / Bhadwar	2B1D7h2b / Newalganj	2B1D7i1b / Kath Kuiya	2B1D7i2a / Newalganj				
			Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt
	Species:									
	Afforestation									
2a.	Private Land	ha								
	Species:									
2b.	Common Land	ha								
	Species:									
	Silvi pasture	ha								
3a.	Species - plants:									
3b.	Grasses species									
	Species :									
	Others:									
	Sub Total		7380.00		10890.00		41550.00		6510.00	
	Grand Total		1913658.70		1426889.41		3387627.43		1812009.22	

S.No	Particular of Measures/Activities	Unit No./Length/area	2B1D7i2d / Bahrpurwa		2B1D7i2e / Lambi Kohal		2B1D7j1b / Kath Kuiya		2B1D7j2a / Lakhahi	
			Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt
Soil & Water Conservation Measures:										
A.	Moisture Conservation Measures:									
1	Field Bund	ha								
2	Contour Bund (with Sodding)	ha	19.42	65667.57	19.99	67482.72	25.27	85408.31	91.52	203926.06
3	Peripheral Bund (with Sodding)	ha	6.4	74806.17	1.67	30613.52	5.64	75453.54	37.05	360718.16
4	Marginal Bund (with Sodding)	ha	14.56	131950.73	6.25	77222.00	1.19	14723.80	7.11	57511.91
5	Submergence Bund (with Sodding)	ha								
6	Earthen Check Dam (with Sodding)	Cum							6885.6	816335.10
7	Check Road Bund (with Sodding)	ha								
8	Others	ha								
	Sub Total			272424.47		175318.25		175585.65		1438491.23
B.	Water Resources Development:									
1	Tank/Pond:	Nos								
1a.	Water storing capacity	Cum								
1b.	Area proposed for irrigation	ha								
2	Water Harvesting Bundhi	mtr/Nos							334/2	813732.32
2a.	Water storing capacity	Cum							50100	
2b.	Area proposed for irrigation	ha							100.2	
3	Check Dam	mtr/Nos								
3a.	Water storing capacity	Cum								
3b.	Area proposed for irrigation	ha								
4	Others									
	Sub Total			0.00		0.00		0.00		813732.32
C	Agro forestry:									
1a.	Scattered Plantation	ha			0.241	4620.00	0.445	8550.00		
	Species:	No. of Plants			154		285			
1b.	Block Plantation	ha								

S.No	Particular of Measures/Activities	Unit No./Length/area	2B1D7i2d / Bahrpurwa		2B1D7i2e / Lambi Kohal		2B1D7j1b / Kath Kuiya		2B1D7j2a / Lakhahi	
			Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt
	Species:									
	Afforestation									
2a.	Private Land	ha								
	Species:									
2b.	Common Land	ha								
	Species:									
	Silvi pasture	ha								
3a.	Species - plants:									
3b.	Grasses species									
	Species :									
	Others:									
	Sub Total		0.00		4620.00		8550.00		0.00	
	Grand Total		272424.47		179938.25		184135.65		2252223.55	

S.No	Particular of Measures/Activities	Unit No./Length/area	2B1D7j2c / Ramwapur		2B1D7j2d / Barawa		2B1D7j3a / Bhadwar		2B1D7j3d / Barawa		Total	
			Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt
Soil & Water Conservation Measures:												
A.	Moisture Conservation Measures:											
1	Field Bund	ha										
2	Contour Bund (with Sodding)	ha	27.55	63709.83	53.36	128353.44	104.64	260048.71	18.98	64176.73	914.91	2132941.44
3	Peripheral Bund (with Sodding)	ha	67.55	483511.85	112.96	929882.84	113.01	977599.00			953.47	7754194.49
4	Marginal Bund (with Sodding)	ha	16.67	87110.33							181.52	2798821.80
5	Submergence Bund (with Sodding)	ha										
6	Earthen Check Dam (with Sodding)	Cum	8494	1051898.44	10792	1324161.16	9946	529151.92			65427.4	6780890.53
7	Check Road Bund (with Sodding)	ha									47.1	147539.71
8	Others	ha										
	Sub Total			1686230.45		2382397.44		1766799.63		64176.73		19614387.98
B.	Water Resources Development:											
1	Tank/Pond:	Nos									2	281015.90
1a.	Water storing capacity	Cum										9826
1b.	Area proposed for irrigation	ha										174.95
2	Water Harvesting Bundhi	mtr/Nos					100/1	323374.34				5393470.02
2a.	Water storing capacity	Cum					15000					160600
2b.	Area proposed for irrigation	ha					30					321.2
3	Check Dam	mtr/Nos										
3a.	Water storing capacity	Cum										
3b.	Area proposed for irrigation	ha										
4	Others											
	Sub Total			0.00		0.00		323374.34		0.00		5674485.93
C	Agro forestry:											
1a.	Scattered Plantation	ha					1.024	19650.00	0.48	9240.00	10.469	188610.00
	Species:	No. of Plants					655		308		6287	
1b.	Block Plantation	ha										

S.No	Particular of Measures/Activities	Unit No./Length/area	2B1D7j2c / Ramwapur		2B1D7j2d / Barawa		2B1D7j3a / Bhadwar		2B1D7j3d / Barawa		Total	
			Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt
	Species:											
	Afforestation											
2a.	Private Land	ha										
	Species:										176	
2b.	Common Land	ha										
	Species:											
	Silvi pasture	ha										
3a.	Species - plants:											
3b.	Grasses species											
	Species :											
	Others:											
	Sub Total			0.00		0.00		19650.00		9240.00		188610.00
	Grand Total			1686230.45		2382397.44		2109823.97		73416.73		25477483.91

Table 5.2.1: Gram Panchayat wise details of Watershed Development Activities proposed in IWMP-II

S.No	Particular of Measures/Activities	Unit No./Length/area	Bardaulia		Barhawa		Bhadwar		Ganeshpur	
			Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt
Soil & Water Conservation Measures:										
A.	Moisture Conservation Measures:									
1	Field Bund	ha								
2	Contour Bund (with Sodding)	ha	45.32	104679.45	242.65	577893.89	57.38	119273.88	152.66	328232.57
3	Peripheral Bund (with Sodding)	ha	39.32	360957.77	307.59	2559640.07	10.92	110714.76	166.18	1587798.90
4	Marginal Bund (with Sodding)	ha	3.89	83415.47	1.41	11414.15	68.52	1246370.42	35.97	664241.24
5	Submergence Bund (with Sodding)	ha								
6	Earthen Check Dam (with Sodding)	Cum	5805	608838.96	23303.4	2889798.12	4689.3	549481.41	1167.2	212097.97
7	Check Road Bund (with Sodding)	ha	22.74	72260.51						
8	Others	ha								
	Sub Total			1230152.16		6038746.24		2025840.46		2792370.68
B. Water Resources Development:										
1	Tank/Pond:	Nos							2	281015.90
1a.	Water storing capacity	Cum							9826	
1b.	Area proposed for irrigation	ha							174.95	
2	Water Harvesting Bundhi	mtr/Nos	86/1	306572.07	434/3	1137106.66	226/2	680209.19		
2a.	Water storing capacity	Cum	3440		65100		7910			
2b.	Area proposed for irrigation	ha	6.88		130.2		15.82			
3	Check Dam	mtr/Nos								
3a.	Water storing capacity	Cum								
3b.	Area proposed for irrigation	ha								
4	Others									
	Sub Total			306572.07		1137106.66		680209.19		281015.90
C Agro forestry:										
1a.	Scattered Plantation	ha	0.91	15870.00	0.787	15090.00	0.911	14820.00	1.704	26970.00

S.No	Particular of Measures/Activities	Unit No./Length/area	Bardaulia		Barhawa		Bhadwar		Ganeshpur	
			Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt
	Species:	No. of Plants	529		503		494		899	
1b.	Block Plantation	ha								
	Species:									
	Afforestation									
2a.	Private Land	ha								
	Species:								176	
2b.	Common Land	ha								
	Species:									
	Silvi pasture	ha								
3a.	Species - plants:									
3b.	Grasses species									
	Species :									
	Others:									
	Sub Total			15870.00		15090.00		14820.00		26970.00
	Grand Total			1552594.23		7190942.90		2720869.65		3100356.58

S.No	Particular of Measures/Activities	Unit No./Length/area	Garhwa		Gugauli		Katkuiyan		Lambi Kohal	
			Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt
Soil & Water Conservation Measures:										
A.	Moisture Conservation Measures:									
1	Field Bund	ha								
2	Contour Bund (with Sodding)	ha	114.1	254157.36	49.8	163412.65	49.99	115225.00	150.05	351556.19
3	Peripheral Bund (with Sodding)	ha	66.44	657001.15	5.64	75453.54	53.85	422665.17	222.02	1290712.00
4	Marginal Bund (with Sodding)	ha	6.86	156605.07	1.19	14723.80			54.54	495401.92
5	Submergence Bund (with Sodding)	ha								
6	Earthen Check Dam (with Sodding)	Cum	7685.3	858871.89	9946	529151.92	2835	300828.23	2868.2	302596.58
7	Check Road Bund (with Sodding)	ha					24.36	75279.21		
8	Others	ha								
	Sub Total			1926635.47		782741.90		913997.61		2440266.68
B.	Water Resources Development:									
1	Tank/Pond:	Nos								
1a.	Water storing capacity	Cum								
1b.	Area proposed for irrigation	ha								
2	Water Harvesting Bundhi	mtr/Nos	417/7	1916695.61			76/1	294190.45	268/2	732431.70
2a.	Water storing capacity	Cum	59430				3040		17600	
2b.	Area proposed for irrigation	ha	118.86				6.08		35.2	
3	Check Dam	mtr/Nos								
3a.	Water storing capacity	Cum								
3b.	Area proposed for irrigation	ha								
4	Others									
	Sub Total			1916695.61		0.00		294190.45		732431.70
C	Agro forestry:									
1a.	Scattered Plantation	ha	2.386	45810.00	1.162	22350.00	1.331	25530.00	0.241	4620.00
	Species:	No. of Plants	1527		745		851		154	
1b.	Block Plantation	ha								

S.No	Particular of Measures/Activities	Unit No./Length/area	Garhwa		Gugauli		Katkuiyan		Lambi Kohal	
			Qty	Amt	Qty	Amt	Qty	Amt	Qty	Amt
	Species:									
	Afforestation									
2a.	Private Land	ha								
	Species:									
2b.	Common Land	ha								
	Species:									
	Silvi pasture	ha								
3a.	Species - plants:									
3b.	Grasses species									
	Species :									
	Others:									
	Sub Total			45810.00		22350.00		25530.00		4620.00
	Grand Total			3889141.08		805091.90		1233718.06		3177318.38

S.No	Particular of Measures/Activities	Unit No./Length/area	Newalganj		Total	
			Qty	Amt	Qty	Amt
Soil & Water Conservation Measures:						
A.	Moisture Conservation Measures:					
1	Field Bund	ha				
2	Contour Bund (with Sodding)	ha	52.95	118510.45	914.9	2132941.44
3	Peripheral Bund (with Sodding)	ha	81.5	689251.14	953.46	7754194.49
4	Marginal Bund (with Sodding)	ha	9.12	126649.74	181.5	2798821.80
5	Submergence Bund (with Sodding)	ha				
6	Earthen Check Dam (with Sodding)	Cum	7128	529225.45	65427.4	6780890.53
7	Check Road Bund (with Sodding)	ha			47.1	147539.71
8	Others	ha				
	Sub Total			1463636.78		19614387.98
B.	Water Resources Development:					
1	Tank/Pond:	Nos			2	281015.90
1a.	Water storing capacity	Cum			9826	
1b.	Area proposed for irrigation	ha			174.95	
2	Water Harvesting Bundhi	mtr/Nos	102/1	326264.33		5393470.02
2a.	Water storing capacity	Cum	4080		160600	
2b.	Area proposed for irrigation	ha	8.16		321.2	
3	Check Dam	mtr/Nos				
3a.	Water storing capacity	Cum				
3b.	Area proposed for irrigation	ha				
4	Others					
	Sub Total			326264.33		5674485.93
C	Agro forestry:					
1a.	Scattered Plantation	ha	1.036	17550.00	10.468	188610.00
	Species:	No. of Plants	585		6287	
1b.	Block Plantation	ha				

S.No	Particular of Measures/Activities	Unit No./Length/area	Newalganj		Total	
			Qty	Amt	Qty	Amt
	Species:					
	Afforestation					
2a.	Private Land	ha				
	Species:				176	
2b.	Common Land	ha				
	Species:					
	Silvi pasture	ha				
3a.	Species - plants:					
3b.	Grasses species					
	Species :					
	Others:					
	Sub Total			17550.00		188610.00
	Grand Total			1807451.11		25477483.91

Gram Pachayatwise Proposed cost of watershed development activities and convergence amount

S.No	Gram Panchayat	Treatable Area in Ha	Proposed cost of watershed development activities (Lakhs)	Convergence from other Programs (MNREGA) Lakhs	Fund proposed for transfer to Gram panchayat Lakhs
1	Bardaulia	229	15.53	0	15.53
2	Barhawa	1035	71.91	2	71.91
3	Bhadwar	388	27.21	1	27.21
4	Ganeshpur	396	31.00	4	31.00
5	Garahwa	569	38.89	1	38.89
6	Gugauli	116	8.05	0	8.05
7	Katkuiyan	165	12.34	1	12.34
8	Lambi Kohal	434	31.77	3	31.77
9	Newalganj	250	18.07	1	18.07
	Total	3582	254.77	14.06	254.77

5.3: LIVELIHOOD ACTION PLAN

Table 5.3: Livelihood Activities for Landless/Assetless People

S.No.	Gram Panchyat Name	Activity Proposed	No. of Groups	No of units	Rate	Cost of Activity(lakhs)	SHG share	Release Amt. from Project Fund	Proposed date for Activity (start)	Remarks
1	Garahwa	Goatry	5	25	0.06	1.50	0.00	1.50	Sep	(02 male Goats included in each SHG)
	Garahwa	Dairy	1	5	0.4	2.00	0.75	1.25	Jan	
	Garahwa	Tailoring	1	5	0.08	0.40	0.00	0.40	April	
	Garahwa	Shop	1	6	0.25	1.50	0.00	1.5	April	
	Garahwa	Mat making	1	8	0.1	0.80	0.00	0.8	Jan	
	Garahwa	Cloth Vender	1	5	0.1	0.50	0.00	0.5	Jan	
	Garahwa	Backyard poultry	1	10	0.02	0.20	0.00	0.2	Oct	
Sub-Total						6.90	0.75	6.15		
2	Newal ganj	Goatry	1	5	0.06	0.30	0.00	0.30	Sep	(02 male Goats included in each SHG)
	Newal ganj	Tailoring	1	5	0.08	0.40	0.00	0.40	April	
	Newal ganj	Shop	1	6	0.25	1.50	0.00	1.5	April	
	Newal ganj	Mat making	1	5	0.1	0.50	0.00	0.5	Jan	
	Sub-Total					2.70	0.00	2.70		
3	Katkuiyan	Goatry	2	10	0.06	0.60	0.00	0.60	Sep	(02 male Goats included in each SHG)
	Katkuiyan	Tailoring	1	6	0.08	0.48	0.00	0.48	April	
	Katkuiyan	Mat making	1	5	0.1	0.50	0.00	0.5	Jan	
	Katkuiyan	Backyard poultry	2	10	0.02	0.20	0.00	0.2	Oct	

S.No.	Gram Panchyat Name	Activity Proposed	No. of Groups	No of units	Rate	Cost of Activity(lakhs)	SHG share	Release Amt. from Project Fund	Proposed date for Activity (start)	Remarks
	Sub-Total					1.78	0.00	1.78		
4	Gajdahawa	Goatry	2	10	0.06	0.60	0.00	0.60	Sep	(02 male Goats included in each SHG)
	Gajdahawa	Tailoring	1	5	0.08	0.40	0.00	0.40	April	
	Gajdahawa	Shop	1	5	0.25	1.25	0.00	1.25	April	
	Gajdahawa	Backyard poultry	2	11	0.02	0.22	0.00	0.22	Oct	
	Sub-Total					2.47	0.00	2.47		
5	Lambikohal	Goatry	4	21	0.06	1.26	0.00	1.26	Sep	(02 male Goats included in each SHG)
	Lambikohal	Tailoring	1	6	0.08	0.48	0.00	0.48	April	
	Lambikohal	Shop	1	5	0.25	1.25	0.00	1.25	April	
	Lambikohal	Mat making	1	8	0.1	0.80	0.00	0.8	Jan	
	Lambikohal	Cloth Vender	1	5	0.1	0.50	0.00	0.5	Jan	
	Lambikohal	Backyard poultry	4	20	0.02	0.40	0.00	0.4	Oct	
	Sub-Total					4.69	0.00	4.69		
6	Gugauli/ Shankerpur	Shop	1	5	0.25	1.25	0.00	1.25	April	
	Sub-Total					1.25	1.25	0.00	1.25	
7	Barahwa	Goatry	10	50	0.06	3.00	0.00	3.00	Sep	(02 male Goats included in each SHG)
	Barahwa	Dairy	2	10	0.4	4.00	1.50	2.50	Jan	
	Barahwa	Tailoring	2	10	0.08	0.80	0.00	0.80	April	
	Barahwa	Shop	2	10	0.25	2.50	0.00	2.5	April	
	Barahwa	Mat making	2	10	0.1	1.00	0.00	1	Jan	

S.No.	Gram Panchyat Name	Activity Proposed	No. of Groups	No of units	Rate	Cost of Activity(lakhs)	SHG share	Release Amt. from Project Fund	Proposed date for Activity (start)	Remarks
	Barahwa	Cloth Vender	2	10	0.1	1.00	0.00	1	Jan	
	Barahwa	Backyard poultry	2	19	0.02	0.38	0.00	0.38	Oct	
	Sub-Total					12.68	1.50	11.18		
8	Bhadwar	Goatry	1	6	0.06	0.36	0.00	0.36	Sep	(02 male Goats included in each SHG)
	Bhadwar	Dairy	1	5	0.4	2.00	0.75	1.25	Jan	
	Bhadwar	Tailoring	1	5	0.08	0.40	0.00	0.40	April	
	Bhadwar	Shop	1	6	0.25	1.50	0.00	1.5	April	
	Bhadwar	Mat making	1	5	0.1	0.50	0.00	0.5	Jan	
	Bhadwar	Cloth Vender	1	0	0.1	0.00	0.00	0	Jan	
	Bhadwar	Backyard poultry	1	9	0.02	0.18	0.00	0.18	Oct	
	Sub-Total					4.94	0.75	4.19		
9	Ganeshpur	Goatry	2	10	0.06	0.60	0.00	0.60	Sep	(02 male Goats included in each SHG)
	Ganeshpur	Dairy	1	3	0.4	1.20	0.45	0.75	Jan	
	Ganeshpur	Tailoring	1	5	0.08	0.40	0.00	0.40	April	
	Ganeshpur	Shop	1	5	0.25	1.25	0.00	1.25	April	
	Ganeshpur	Mat making	1	5	0.1	0.50	0.00	0.5	Jan	
	Ganeshpur	Cloth Vender	1	5	0.1	0.50	0.00	0.5	Jan	
	Ganeshpur	Backyard poultry	2	14	0.02	0.28	0.00	0.28	Oct	
	Sub-Total					4.73	0.45	4.28		
	Grand Total					42.14	4.70	37.44		

5.4: PRODUCTION SYSTEM ACTION PLAN

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

Table 5.4: Estimate for Crop Demonstration

NAME OF CROPE SEED	Recom. Variety	Sowing time	Qty	Rate	Amt.	N			P			K			Pesticide/ Others	Total
			kg	Rs/kg	Rs	kg	Rs/kg	Rs.	kg	Rs/kg	Rs.	kg	Rs/kg	Rs.	Rs.	Rs.
Rabi Season																
Wheat	PBW-373, MALVAI-234, SONALI H.P -1633, K-8087, PNW-343, UP-2425	1st week to 25th November	27.5	30	825	52.5	7.6	399	32.5	20.5	666.25	16.5	12	198	200	2288
Lentil	TYPE-36, PUSA-4076, PUSA-1, BR-25	15th October to 15th November	12.5	72	900	5	7.6	38	15	20.5	307.5	5	12	60	100	1406
Mustard	BASANTI, NARENDRA SWARANA RAI-8 BAIBHAV, VARUNA(TYPE-59), NARENDRA RAI	25th September to 15 th October	1.5	45	67.5	30	7.6	228	10	20.5	205	10	12	120	100	721
Kharif Season																
Paddy	SARJU-52, SARJU-49, 6444, PAINER	3rd week June to 15 July	20	20	400	37.5	7.6	285	15	20.5	307.5	15	12	180	300	1473

NAME OF CROPE SEED	Recom. Variety	Sowing time	Qty	Rate	Amt.	N			P			K			Pesticide/ Others	Total
			kg	Rs/kg	Rs	kg	Rs/kg	Rs.	kg	Rs/kg	Rs.	kg	Rs/kg	Rs.	Rs.	Rs.
Arhar	TRABHAT, TYPE-21, SADABAHR	July	5	60	300	3	7.6	22.8	10	20.5	205	5	12	60	100	688
Urd	SHEKHER-2, NARENDRA URD-1, UTTARA	15 FEB TO 15 MARCH	1	105	105	8	7.6	60.8	15	20.5	307.5	8	12	96	100	669
Suger Cane	92423, 91269, BO-91, CO- 62399, CO-1158	October to November	2000	2	4000	10	7.6	76	12.5	20.5	256.25	10	12	120	150	4602

Area of per demonstration = 0.25 ha

Table 5.5: Crop Demonstration

SI No	Gram Panchyat Name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Budget	Proposed date for Activity (start)	Remarks
1	Garahwa	Horticulture	2	Plantation	Papaya	20000	0.40	May	Rs. 20000/-0.25 ha (Plantaion)
	Garahwa	Agro forestry	2	Plantation along With Fencing	Guava, Ber	10000	0.20	May	Rs. 10000/-1 ha (Plantaion)
	Garahwa	Crop Demo.	52	Rabi	Wheat	2288	1.19	Oct	Cost except labour
	Garahwa	Crop Demo.	4	Rabi	Lentil	1406	0.06	Oct	Seed+ Fertilizer + Pesticide
	Garahwa	Crop Demo.	16	Rabi	Mustard	721	0.12	Sep	
	Garahwa	Crop Demo.	16	Kharif	Paddy	1473	0.24	May	

Sl No	Gram Panchyat Name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Budget	Proposed date for Activity (start)	Remarks
	Garahwa	Crop Demo.	8	Kharif	Arhar	688	0.06	May	
	Garahwa	Crop Demo.	8	Kharif	Urd	669	0.05	May	
	Garahwa	Crop Demo.	24	Rabi	Sugercane	4602	1.10	Oct	
Sub Total			132				3.41		
2	Newal ganj	Horticulture	2	Plantation	Papaya	20000	0.40	May	Rs. 20000/-0.25 ha (Plantaion)
	Newal ganj	Agro forestry	2	Plantation along With Fencing	Guava, Ber	10000	0.20	May	
	Newal ganj	Crop Demo.	16	Rabi	Wheat	2288	0.37	Oct	Rs. 10000/-1 ha (Plantaion)
	Newal ganj	Crop Demo.	4	Rabi	Lentil	1406	0.06	Oct	Cost except labour
	Newal ganj	Crop Demo.	8	Rabi	Mustard	721	0.06	Sep	Seed+ Fertilizer + Pesticide
	Newal ganj	Crop Demo.	12	Kharif	Paddy	1473	0.18	May	
	Newal ganj	Crop Demo.	4	Kharif	Arhar	688	0.03	May	
	Newal ganj	Crop Demo.	4	Kharif	Urd	669	0.03	May	
	Newal ganj	Crop Demo.	4	Rabi	Sugercane	4602	0.18	Oct	
Sub Total			56				1.50		
3	Katkuiyan	Horticulture	1	Plantation	Papaya	20000	0.20	May	Rs. 20000/-0.25 ha (Plantaion)
	Katkuiyan	Agro forestry	1	Plantation along With Fencing	Guava, Ber	10000	0.10	May	Rs. 10000/-1 ha (Plantaion)
	Katkuiyan	Crop Demo.	12	Rabi	Wheat	2288	0.27	Oct	
	Katkuiyan	Crop Demo.	4	Rabi	Lentil	1406	0.06	Oct	Cost except labour

Sl No	Gram Panchyat Name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Budget	Proposed date for Activity (start)	Remarks
	Katkuiyan	Crop Demo.	4	Rabi	Mustard	721	0.03	Sep	Seed+ Fertilizer + Pesticide
	Katkuiyan	Crop Demo.	6	Kharif	Paddy	1473	0.09	May	
	Katkuiyan	Crop Demo.	4	Kharif	Arhar	688	0.03	May	
	Katkuiyan	Crop Demo.	4	Kharif	Urd	669	0.03	May	
	Katkuiyan	Crop Demo.	4	Rabi	Sugercane	4602	0.18	Oct	
	Sub Total		40				0.99		
4	Gajdahawa	Horticulture	2	Plantation	Papaya	20000	0.40	May	Rs. 20000/-0.25 ha (Plantaion)
	Gajdahawa	Agro forestry	2	Plantation along With Fencing	Guava, Ber	10000	0.20	May	Rs. 10000/-1 ha (Plantaion)
	Gajdahawa	Crop Demo.	12	Rabi	Wheat	2288	0.27	Oct	Cost except labour
	Gajdahawa	Crop Demo.	4	Rabi	Lentil	1406	0.06	Oct	Seed+ Fertilizer + Pesticide
	Gajdahawa	Crop Demo.	8	Rabi	Mustard	721	0.06	Sep	
	Gajdahawa	Crop Demo.	8	Kharif	Paddy	1473	0.12	May	
	Gajdahawa	Crop Demo.	4	Kharif	Arhar	688	0.03	May	
	Gajdahawa	Crop Demo.	8	Kharif	Urd	669	0.05	May	
	Gajdahawa	Crop Demo.	4	Rabi	Sugercane	4602	0.18	Oct	
	Sub Total		52				1.37		
5	Lambikohal	Horticulture	2	Plantation	Papaya	20000	0.40	May	Rs. 20000/-0.25 ha (Plantaion)
	Lambikohal	Agro forestry	2	Plantation along With Fencing	Guava, Ber	10000	0.20	May	Rs. 10000/-1 ha (Plantaion)

Sl No	Gram Panchyat Name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Budget	Proposed date for Activity (start)	Remarks
	Lambikohal	Crop Demo.	44	Rabi	Wheat	2288	1.01	Oct	Cost except labour
	Lambikohal	Crop Demo.	8	Rabi	Lentil	1406	0.11	Oct	Seed+ Fertilizer + Pesticide
	Lambikohal	Crop Demo.	12	Rabi	Mustard	721	0.09	Sep	
	Lambikohal	Crop Demo.	20	Kharif	Paddy	1473	0.29	May	
	Lambikohal	Crop Demo.	10	Kharif	Arhar	688	0.07	May	
	Lambikohal	Crop Demo.	10	Kharif	Urd	669	0.07	May	
	Lambikohal	Crop Demo.	8	Rabi	Sugercane	4602	0.37	Oct	
	Sub Total		116				2.60		
6	Gugauli/ Shankerpur	Crop Demo.	12	Rabi	Wheat	2288	0.27	Oct	Cost except labour
	Gugauli/ Shankerpur	Crop Demo.	4	Rabi	Lentil	1406	0.06	Oct	Seed+ Fertilizer + Pesticide
	Gugauli/ Shankerpur	Crop Demo.	6	Rabi	Mustard	721	0.04	Sep	
	Gugauli/ Shankerpur	Crop Demo.	6	Kharif	Paddy	1473	0.09	May	
	Gugauli/ Shankerpur	Crop Demo.	4	Kharif	Arhar	688	0.03	May	
	Gugauli/ Shankerpur	Crop Demo.	4	Kharif	Urd	669	0.03	May	
	Gugauli/ Shankerpur	Crop Demo.	4	Rabi	Sugercane	4602	0.18	Oct	
	Sub Total		40				0.70		
7	Barahwa	Horticulture	2	Plantation	Papaya	20000	0.40	May	Rs. 20000/-0.25 ha (Plantaion)
	Barahwa	Agro forestry	2	Plantation along With Fencing	Guava, Ber	10000	0.20	May	Rs. 10000/-1 ha (Plantaion)
	Barahwa	Crop Demo.	100	Rabi	Wheat	2288	2.29	Oct	Cost except labour

Sl No	Gram Panchyat Name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Budget	Proposed date for Activity (start)	Remarks
	Barahwa	Crop Demo.	20	Rabi	Lentil	1406	0.28	Oct	Seed+ Fertilizer + Pesticide
	Barahwa	Crop Demo.	25	Rabi	Mustard	721	0.18	Sep	
	Barahwa	Crop Demo.	50	Kharif	Paddy	1473	0.74	May	
	Barahwa	Crop Demo.	25	Kharif	Arhar	688	0.17	May	
	Barahwa	Crop Demo.	16	Kharif	Urd	669	0.11	May	
	Barahwa	Crop Demo.	40	Rabi	Sugercane	4602	1.84	Oct	
	Sub Total		280				6.21		
8	Bhadwar	Horticulture	1	Plantation	Papaya	20000	0.20	May	Rs. 20000/-0.25 ha (Plantaion)
	Bhadwar	Agro forestry	1	Plantation along With Fencing	Guava, Ber	10000	0.10	May	Rs. 10000/-1 ha (Plantaion)
	Bhadwar	Crop Demo.	40	Rabi	Wheat	2288	0.92	Oct	Cost except labour
	Bhadwar	Crop Demo.	4	Rabi	Lentil	1406	0.06	Oct	Seed+ Fertilizer + Pesticide
	Bhadwar	Crop Demo.	12	Rabi	Mustard	721	0.09	Sep	
	Bhadwar	Crop Demo.	24	Kharif	Paddy	1473	0.35	May	
	Bhadwar	Crop Demo.	5	Kharif	Arhar	688	0.03	May	
	Bhadwar	Crop Demo.	5	Kharif	Urd	669	0.03	May	
	Bhadwar	Crop Demo.	12	Rabi	Sugercane	4602	0.55	Oct	
	Sub Total		104				2.33		
9	Ganeshpur	Horticulture	1	Plantation	Papaya	20000	0.20	May	Rs. 20000/-0.25 ha (Plantaion)
	Ganeshpur	Agro forestry	1	Plantation along With Fencing	Guava, Ber	10000	0.10	May	Rs. 10000/-1 ha (Plantaion)

Sl No	Gram Panchyat Name	Activity Proposed	No. of Unit	Name of Crop	Seed / Variety	Per unit Cost of Activity	Budget	Proposed date for Activity (start)	Remarks
	Ganeshpur	Crop Demo.	52	Rabi	Wheat	2288	1.19	Oct	Cost except labour
	Ganeshpur	Crop Demo.	8	Rabi	Lentil	1406	0.11	Oct	Seed+ Fertilizer + Pesticide
	Ganeshpur	Crop Demo.	8	Rabi	Mustard	721	0.06	Sep	
	Ganeshpur	Crop Demo.	20	Kharif	Paddy	1473	0.29	May	
	Ganeshpur	Crop Demo.	4	Kharif	Arhar	688	0.03	May	
	Ganeshpur	Crop Demo.	5	Kharif	Urd	669	0.03	May	
	Ganeshpur	Crop Demo.	8	Rabi	Sugercane	4602	0.37	Oct	
	Sub Total		107				2.38		
	Grand Total		927.00				21.49		

Note: Details of the identified farmers for crop demonstration are given in project file.

Table 5.6: Seed Distribution details:

S. No	Gram Panchyat Name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Proposed Amount for Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
1	Garahwa	Rabi	Wheat	30	30	30	27000	0.27	Sep	Foundation
	Garahwa	Rabi	Lentil	4	15	72	4320	0.04	Sep	seed
	Garahwa	Rabi	Mustard	10	2	45	900	0.01	Sep	
	Garahwa	Kharif	Paddy	8	20	20	3200	0.03	Sep	
	Garahwa	Kharif	Arhar	4	5	60	1200	0.01	May	
	Garahwa	Kharif	Urd	4	2	105	840	0.01	May	
	Garahwa	Kharif	Sugercane	25	2000	2	100000	1.00	May	
			Sub Total					1.37		
2	Newal ganj	Rabi	Wheat	10	30	30	9000	0.09	Sep	Foundation
	Newal ganj	Rabi	Lentil	5	15	72	5400	0.05	Sep	seed
	Newal ganj	Rabi	Mustard	8	2	45	720	0.01	Sep	
	Newal ganj	Kharif	Paddy	6	20	20	2400	0.02	Sep	
	Newal ganj	Kharif	Arhar	5	5	60	1500	0.02	May	
	Newal ganj	Kharif	Urd	5	2	105	1050	0.01	May	
	Newal ganj	Kharif	Sugercane	10	2000	2	40000	0.40	May	
			Sub Total					0.60		
3	Katkuiyan	Rabi	Wheat	14	30	30	12600	0.13	Sep	Foundation
	Katkuiyan	Rabi	Lentil	2	15	72	2160	0.02	Sep	seed
	Katkuiyan	Rabi	Mustard	8	2	45	720	0.01	Sep	
	Katkuiyan	Kharif	Paddy	8	20	20	3200	0.03	Sep	

S. No	Gram Panchyat Name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Proposed Amount for Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
	Katkuiyan	Kharif	Arhar	2	5	60	600	0.01	May	
	Katkuiyan	Kharif	Urd	5	2	105	1050	0.01	May	
	Katkuiyan	Kharif	Sugercane	5	2000	2	20000	0.20	May	
			Sub Total					0.40		
4	Gajdahawa	Rabi	Wheat	20	30	30	18000	0.18	Sep	Foundation
	Gajdahawa	Rabi	Lentil	5	15	72	5400	0.05	Sep	seed
	Gajdahawa	Rabi	Mustard	10	2	45	900	0.01	Sep	
	Gajdahawa	Kharif	Paddy	10	20	20	4000	0.04	Sep	
	Gajdahawa	Kharif	Arhar	5	5	60	1500	0.02	May	
	Gajdahawa	Kharif	Urd	5	2	105	1050	0.01	May	
	Gajdahawa	Kharif	Sugercane	6	2000	2	24000	0.24	May	
			Sub Total					0.55		
5	Lambikohal	Rabi	Wheat	30	30	30	27000	0.27	Sep	Foundation
	Lambikohal	Rabi	Lentil	8	15	72	8640	0.09	Sep	seed
	Lambikohal	Rabi	Mustard	10	2	45	900	0.01	Sep	
	Lambikohal	Kharif	Paddy	12	20	20	4800	0.05	Sep	
	Lambikohal	Kharif	Arhar	6	5	60	1800	0.02	May	
	Lambikohal	Kharif	Urd	6	2	105	1260	0.01	May	
	Lambikohal	Kharif	Sugercane	15	2000	2	60000	0.60	May	
			Sub Total					1.04		
6	Gugauli/ Shankerpur	Rabi	Wheat	8	30	30	7200	0.07	Sep	Foundation

S. No	Gram Panchayat Name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Proposed Amount for Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
	Gugauli/ Shankerpur	Rabi	Lentil	2	15	72	2160	0.02	Sep	seed
	Gugauli/ Shankerpur	Rabi	Mustard	8	2	45	720	0.01	Sep	
	Gugauli/ Shankerpur	Kharif	Paddy	2	20	20	800	0.01	Sep	
	Gugauli/ Shankerpur	Kharif	Arhar	2	5	60	600	0.01	May	
	Gugauli/ Shankerpur	Kharif	Urd	4	2	105	840	0.01	May	
	Gugauli/ Shankerpur	Kharif	Sugercane	4	2000	2	16000	0.16	May	
			Sub Total					0.28		
7	Barahwa	Rabi	Wheat	60	30	30	54000	0.54	Sep	Foundation
	Barahwa	Rabi	Lentil	10	15	72	10800	0.11	Sep	seed
	Barahwa	Rabi	Mustard	10	2	45	900	0.01	Sep	
	Barahwa	Kharif	Paddy	42	20	20	16800	0.17	Sep	
	Barahwa	Kharif	Arhar	10	5	60	3000	0.03	May	
	Barahwa	Kharif	Urd	10	2	105	2100	0.02	May	
	Barahwa	Kharif	Sugercane	40	2000	2	160000	1.60	May	
			Sub Total					2.48		
8	Bhadwar	Rabi	Wheat	30	30	30	27000	0.27	Sep	Foundation
	Bhadwar	Rabi	Lentil	10	15	72	10800	0.11	Sep	seed
	Bhadwar	Rabi	Mustard	10	2	45	900	0.01	Sep	
	Bhadwar	Kharif	Paddy	10	20	20	4000	0.04	Sep	
	Bhadwar	Kharif	Arhar	5	5	60	1500	0.02	May	
	Bhadwar	Kharif	Urd	5	2	105	1050	0.01	May	

S. No	Gram Panchyat Name	Name of Crop Season	Name of Seed	No. of Unit	Qty /Unit (kg)	Rate (Rs/kg)	Cost of Activity (Rs)	Proposed Amount for Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
	Bhadwar	Kharif	Sugercane	12	2000	2	48000	0.48	May	
			Sub Total					0.93		
9	Ganeshpur	Rabi	Wheat	30	30	30	27000	0.27	Sep	Foundation
	Ganeshpur	Rabi	Lentil	8	15	72	8640	0.09	Sep	seed
	Ganeshpur	Rabi	Mustard	10	2	45	900	0.01	Sep	
	Ganeshpur	Kharif	Paddy	10	20	20	4000	0.04	Sep	
	Ganeshpur	Kharif	Arhar	10	5	60	3000	0.03	May	
	Ganeshpur	Kharif	Urd	10	2	105	2100	0.02	May	
	Ganeshpur	Kharif	Sugercane	12	2000	2	48000	0.48	May	
			Sub Total					0.94		
			Grand Total					8.60		

Note: Details of the identified farmers for seed distribution are given in project file.

Table 5.7: Production system based Micro Enterprise

Note: Details of the identified beneficiaries are given in project file.

S.No.	Gram Panchyat Name	Activity Proposed	Name of work	No. of Unit	Rate	Cost of Activity	Beneficiary share	Proposed Amount for Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
1	Garahwa	Micro enterprise	Pum set with 200 mtrs Pipe	1	0.25	0.25	0.01	0.24		
	Garahwa	Micro enterprise	Disc Harrow	1	0.2	0.2	0.00	0.20		
	Garahwa	Micro enterprise	Land Laveller	1	0.2	0.2	0.00	0.20		
	Garahwa	Micro enterprise	Mini SugeCane Crusher	2	0.5	1	0.52	0.48		
	Garahwa	Micro enterprise	AI KIT (Paravet)	2	0.5	1	0.52	0.48	Sep	
	Garahwa	Value additon	Masala Grinder	1	0.2	0.2	0.00	0.20	Mar	
	Garahwa	Animal Husbandry	Bull	1	0.4	0.4	0.16	0.24		
			Sub Total			3.25	1.21	2.04		
2	Newal ganj	Value additon	Masala Grinder	1	0.2	0.2	0.00	0.20	Mar	
	Newal ganj	Micro enterprise	Genaral Shop	1	0.2	0.2	0.00	0.20	Sep	For Artificial Insemination
	Newal ganj	Micro enterprise	Disc Harrow	1	0.2	0.2	0.00	0.20		

S.No.	Gram Panchyat Name	Activity Proposed	Name of work	No. of Unit	Rate	Cost of Activity	Beneficiary share	Proposed Amount for Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
	Newal ganj	Micro enterprise	Land Laveller	1	0.2	0.2	0.00	0.20		
	Newal ganj	Micro enterprise	Vegetable Shop	1	0.1	0.1	0.00	0.10		
			Sub Total			0.90	0.00	0.90		
3	Katkuiyan	Value additon	Masala Grinder	1	0.2	0.2	0.00	0.20	Mar	For Artificial Insemination
	Katkuiyan	Micro enterprise	Genaral Shop	1	0.2	0.2	0.00	0.20	Sep	For Artificial Insemination
	Katkuiyan	Micro enterprise	Disc Harrow	1	0.2	0.2	0.00	0.20		
			Sub Total			0.60	0.00	0.60		
4	Gajdahawa	Micro enterprise	AI KIT (Paravet)	1	0.5	0.5	0.26	0.24	Sep	For Artificial Insemination
	Gajdahawa	Micro enterprise	Pum set with 200 mtrs Pipe	1	0.25	0.25	0.01	0.24		
	Gajdahawa	Micro enterprise	Mini SugeCane Crusher	1	0.5	0.5	0.26	0.24		
	Gajdahawa	Micro enterprise	Vegetable Shop	1	0.1	0.1	0.00	0.10		
			Sub Total			1.35	0.53	0.82		

S.No.	Gram Panchyat Name	Activity Proposed	Name of work	No. of Unit	Rate	Cost of Activity	Beneficiary share	Proposed Amount for Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
5	Lambikohal	Value additon	Masala Grinder	1	0.2	0.2	0.00	0.20	Mar	
	Lambikohal	Micro enterprise	Rice Mini Polisher	1	0.4	0.4	0.16	0.24	Sep	For Artificial Insemination
	Lambikohal	Micro enterprise	Pum set with 200 mtrs Pipe	1	0.25	0.25	0.01	0.24		
	Lambikohal	Micro enterprise	Disc Harrow	1	0.2	0.2	0.00	0.20		
	Lambikohal	Micro enterprise	Land Laveller	1	0.2	0.2	0.00	0.20		
	Lambikohal	Micro enterprise	Mini SugeCane Crusher	1	0.5	0.5	0.26	0.24		
	Lambikohal	Animal Husbandry	Bull	1	0.4	0.4	0.16	0.24		
			Sub Total			2.15	0.59	1.56		
6	Gugauli/ Shankerpur	Value additon	Masala Grinder	1	0.2	0.2	0.00	0.20	Mar	
	Gugauli/ Shankerpur	Micro enterprise	Shop	1	0.2	0.2	0.00	0.20	Sep	
			Sub Total			0.40	0.00	0.40		
7	Barahwa	Micro enterprise	Oil speller	2	0.45	0.9	0.42	0.48	Mar	
	Barahwa	Micro enterprise	Rice Mini Polisher	1	0.4	0.4	0.16	0.24	Sep	For Artificial Insemination
	Barahwa	Micro enterprise	AI KIT (Paravet)	2	0.5	1	0.52	0.48	Sep	For Artificial Insemination

S.No.	Gram Panchyat Name	Activity Proposed	Name of work	No. of Unit	Rate	Cost of Activity	Beneficiary share	Proposed Amount for Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
	Barahwa	Micro enterprise	Pum set with 200 mtrs Pipe	1	0.25	0.25	0.01	0.24		
	Barahwa	Micro enterprise	Disc Harrow	2	0.2	0.4	0.00	0.40		
	Barahwa	Micro enterprise	Land Laveller	2	0.2	0.4	0.00	0.40		
	Barahwa	Micro enterprise	Mini SugeCane Crusher	2	0.5	1	0.52	0.48		
	Barahwa	Animal Husbandry	Bull	2	0.4	0.8	0.32	0.48		
	Barahwa	Micro enterprise	Shop	1	0.2	0.2	0.00	0.20	Sep	
	Barahwa	Micro enterprises	Vegetable Shop	1	0.1	0.1	0.00	0.10		
	Barahwa	Micro enterprises	Food Preservation/Processing	1	0.35	0.35	0.11	0.24		
			Sub Total			5.80	2.06	3.74		
8	Bhadwar	Micro enterprises	Oil speller	1	0.45	0.45	0.21	0.24	Mar	
	Bhadwar	Micro enterprises	AI KIT (Paravet)	1	0.5	0.5	0.26	0.24	Sep	For Artificial Insemination
	Bhadwar	Micro enterprises	Pum set with 200 mtrs Pipe	1	0.25	0.25	0.01	0.24		
	Bhadwar	Micro	Mini SugeCane Crusher	1	0.5	0.5	0.26	0.24		

S.No.	Gram Panchyat Name	Activity Proposed	Name of work	No. of Unit	Rate	Cost of Activity	Beneficiary share	Proposed Amount for Project Fund (Amt. in lacs)	Proposed date for Activity (start)	Remarks
		enterprises								
	Bhadwar	Animal Husbandry	Bull	1	0.4	0.4	0.16	0.24		
	Bhadwar	Micro enterprises	Shop	1	0.2	0.2	0.00	0.20	Sep	
			Sub Total			2.30	0.90	1.40		
9	Ganeshpur	Micro enterprises	Rice Mini Polisher	1	0.4	0.4	0.16	0.24	Sep	For Artificial Insemination
	Ganeshpur	Micro enterprises	AI KIT (Paravet)	2	0.5	1	0.52	0.48	Sep	For Artificial Insemination
	Ganeshpur	Micro enterprises	Pum set with 200 mtrs Pipe	1	0.25	0.25	0.01	0.24		
	Ganeshpur	Micro enterprises	Mini SugeCane Crusher	1	0.5	0.5	0.26	0.24		
	Ganeshpur	Animal Husbandry	Bull	1	0.4	0.4	0.16	0.24		
			Sub Total			2.55	1.11	1.44		
			Grand Total			19.30	6.40	12.90		

Gram panchayat wise Budget of Watershed Development, Livelihood and Production System & Micro Enterprise activities

S.No.	Name of Gram Panchayat	Treatable Area (ha)	Estimated Watershed development Activities (Lakhs)	Livelihood (9%) Lakhs	Production System & ME (10%) Lakhs	Total amount in Lakhs
1	Bardaulia	229	15.389	2.473	2.748	20.610
2	Barhawa	1035	69.552	11.178	12.420	93.150
3	Bhadwar	388	26.074	4.190	4.656	34.920
4	Ganeshpur	396	26.611	4.277	4.752	35.640
5	Garahwa	569	38.237	6.145	6.828	51.210
6	Gugauli	116	7.795	1.253	1.392	10.440
7	Katkuiyan	165	11.088	1.782	1.980	14.850
8	Lambi Kohal	434	29.165	4.687	5.208	39.060
9	Newalganj	250	16.800	2.700	3.000	22.500
	Total	3582	240.71	38.69	42.98	322.38

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 & Implementation of Project	38	2810	Bakshi ka Talab, Lucknow
2	NDUniversity of Ag. & Tech.	Kumarganj, Faizabad	Vice Chancellor	State level				Faizabad
3	UPLDWR	Bhoomi Vikas & Jal Sansadhan Training Institute Beli Kala, Lucknow	Dy. Director	State level				Lucknow
4	DIRD	Balrampur	Principal	District level				Balrampur
5	KVK	Pachpedwa(Motipur)	Program Incharge	District level				Balrampur
6	PIA	Balrampur	BSA	District level				At Village
6	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-2nd Upto 3 days / 10:00am – 5:00 pm	Training	Livelihood (Dairy, poultry, piggeries, bee keeping, food processing, knitting & micro enterprises	Skill development	N.D.University of Ag. & Tech. Faizabad, SIRD, BKT, Lucknow UPLDWR, Lucknow KVK, Pachpedwa(Motipur) DIRD, Balrampur
2	WC					
3	SHG					
4	UG					

Table 6.3: Capacity Building Annual Action Plan

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	--	--	--	0.26	--	0.52	--	--	0.19	--	--	0.19	--	--	0.13	--	--	1.29		
WCDC	--	--	--	0.77	--	1.55	--	--	0.58	--	--	0.58	--	--	0.39	--	--	3.87		
1	PIA	13	13	1	0.10	13	1	0.10	13	1	0.10	13	1	0.10	13	1	0.10	65	5	0.49
2	WDT	4	4	1	0.02	4	1	0.02	4	1	0.02	4	1	0.02	4	1	0.02	20	5	0.10
3	WC	98	50	1	0.23	80	2	0.72	36	1	0.16	36	1	0.16	50	1	0.23	252	6	1.49
4	SHG	196	50	1	0.38	180	2	2.70	100	1	0.75	100	1	0.75	50	1	0.38	480	6	4.95
5	UG	250	100	1	0.25	250	4	2.50	225	2	1.13	225	2	1.13	200	1	0.50	1000	10	5.50
6	Others specify	560	60	1	0.15	528	2	2.64	120	1	0.30	120	1	0.30	165	1	0.41	993	6	3.80
	Total	1121	277	6	2.15	1055	12	10.75	498	7	3.22	498	7	3.22	482	6	2.15	2810	38	21.49

CHAPTER-7

PHASING OF PROGRAMME AND BUDGETING

7.1 Monitoring and Evaluation:

Monitoring of the project will be done at each stage and dit 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/DWDU will also monitor the physical and financial progress of watershed development programme. Frontier technologies viz. GIS and Remote Sensing techniques will be used by the PIA/DWDU for monitoring and evaluation. The PIA shall submit quarterly progress reports (countersigned by President of Watershed Committee (WC) to DWDU 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 quantity the benefits, impact analysis has been proposed.

Theme

It is presumed that as a consequence of watershed development acitivities 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 with in the watershed.

Observation

The following indicators will be taken into account for quantative and qualative 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 (2009-10)		II nd Year (2010-11)		III rd Year (2011-12)		IV th Year (2012-13)		V th Year (2013-14)		Total	
		Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.
1	Administrative 10%	2.15	-	6.45	-	11.61	-	11.61	-	11.18	-	42.984	-
2	Monitoring 1%	-	-	0.86	-	0.86	-	0.86	-	1.72	-	4.298	-
3	Evaluation 1%	-	-	1.29	-	0.75	-	0.75	-	1.50	-	4.298	-
4	Entry Point Activity 4%	17.19	-	-	-	-	-	-	-	-	-	17.194	-
5	Institutional and Capacity building 5%	2.15	-	10.75	-	3.22	-	3.22	-	2.15	-	21.492	-
6	D.P.R Preparation 1%	4.30	-	-	-	-	-	-	-	-	-	4.298	-
7	Watershed Dev. Works 56%		-	32.24	480	68.15	1014	68.15	1014	72.17	1074	240.710	3582
8	Livelihood & Income Generating 9%		-	12.90	-	12.90	-	12.90	-	-	-	38.686	-
9	Production System development 10%	-	-	12.90	-	17.19	-	12.90	-	-	-	42.984	-
10	Consolidation Phase 3%	-	-	-	-	-	-	-	-	12.90	-	12.895	-
	Total	25.79	-	77.37	-	114.68		110.38		101.61	-	429.840	3582

7.3: Details of proposed watershed wise Convergence in the project :

S.No	Watershed Code	Project Cost (Rs.)	Treatable Area (Ha.)	Budget	Convergence	Percent
1	2B1D7d2a	7.820	100	6.720	1.100	16.40
2	2B1D7e2c	16.032	223	14.986	1.046	7.00
3	2B1D7e2d	46.030	600	40.320	5.710	14.20
4	2B1D7e3a	8.085	114	7.661	0.425	5.50
5	2B1D7e3b	19.137	280	18.816	0.321	1.70
6	2B1D7h2b	14.269	200	13.440	0.829	6.20
7	2B1D7i1b	33.876	460	30.912	2.964	9.60
8	2B1D7i2a	18.120	265	17.808	0.312	1.80
9	2B1D7i2d	2.724	40	2.688	0.036	1.30
10	2B1D7i2e	1.799	25	1.680	0.119	7.10
11	2B1D7j1b	1.841	25	1.680	0.161	9.60
12	2B1D7j2a	22.522	330	22.176	0.346	1.60
13	2B1D7j2c	16.862	250	16.800	0.062	0.40
14	2B1D7j2d	23.824	350	23.520	0.304	1.30
15	2B1D7j3a	21.098	310	20.832	0.266	1.30
16	2B1D7j3d	0.734	10	0.672	0.062	9.30
Grand Total		254.775	3582	240.710	14.064	5.84

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 established, trained and strengthened to continue development after withdrawal of PIA. By building economic activities through CBOs community participation will be sustained. The PR&D approach 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.

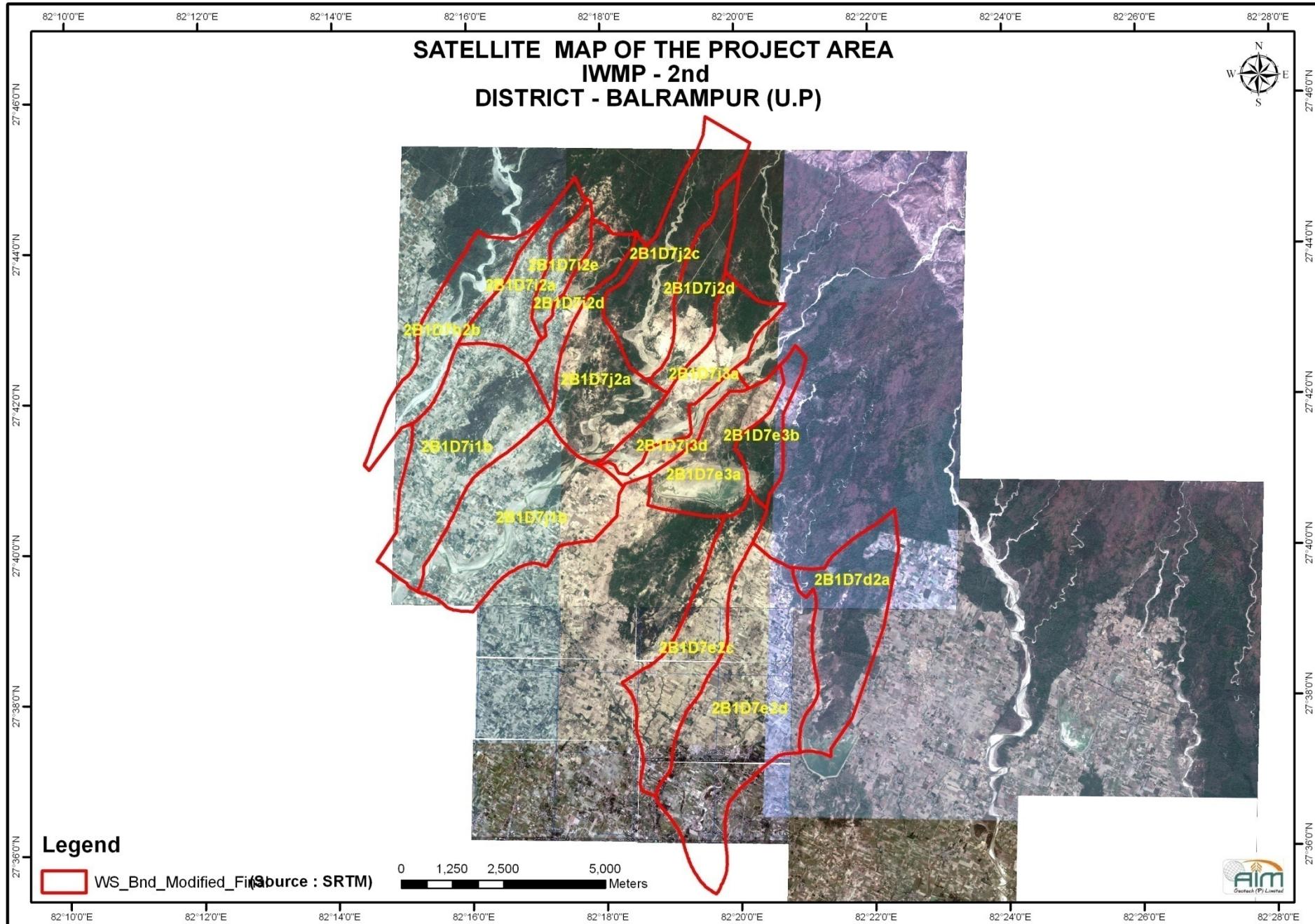
9.2: Other expected outcome

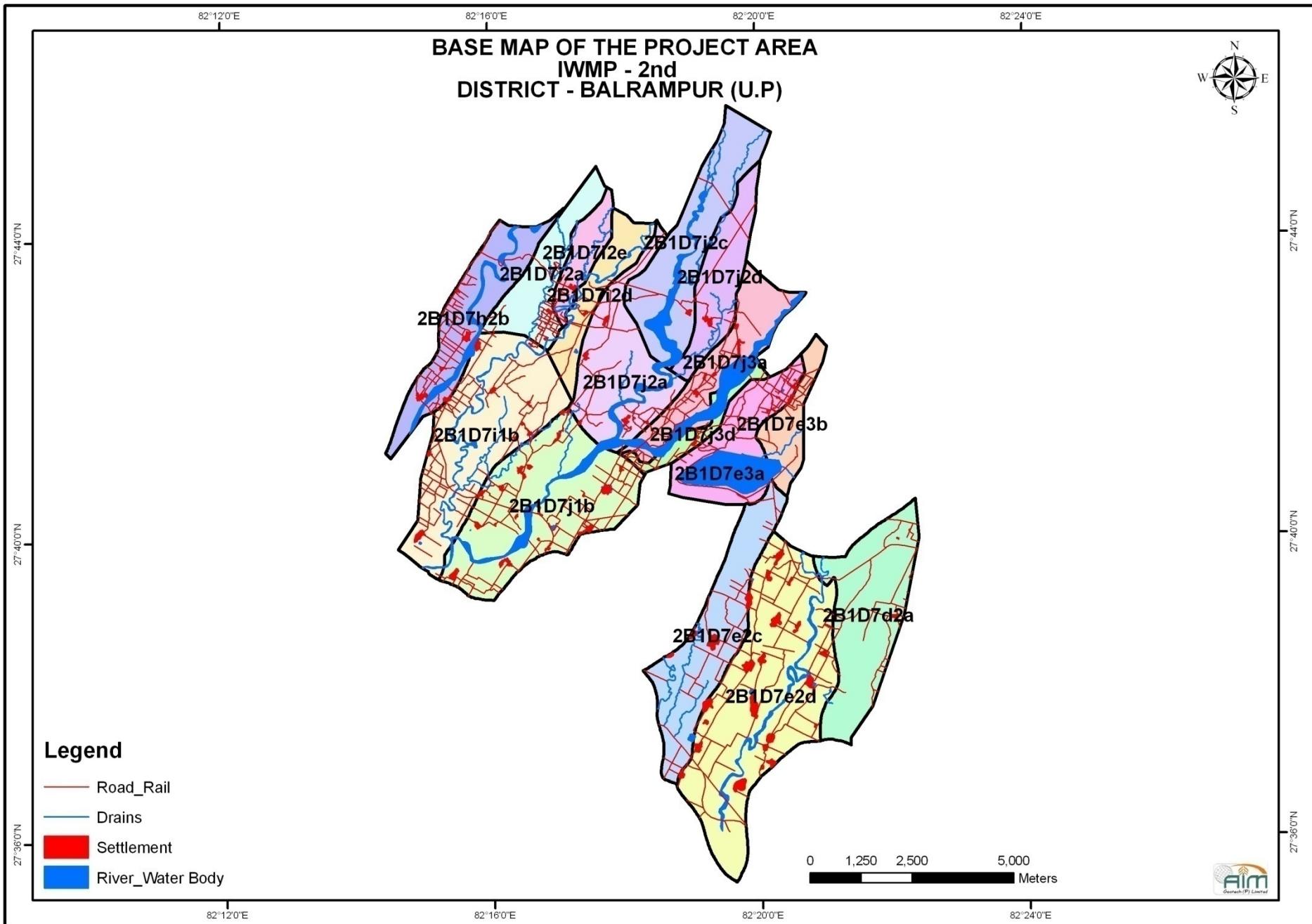
Table 9.1: Expected Benefits:

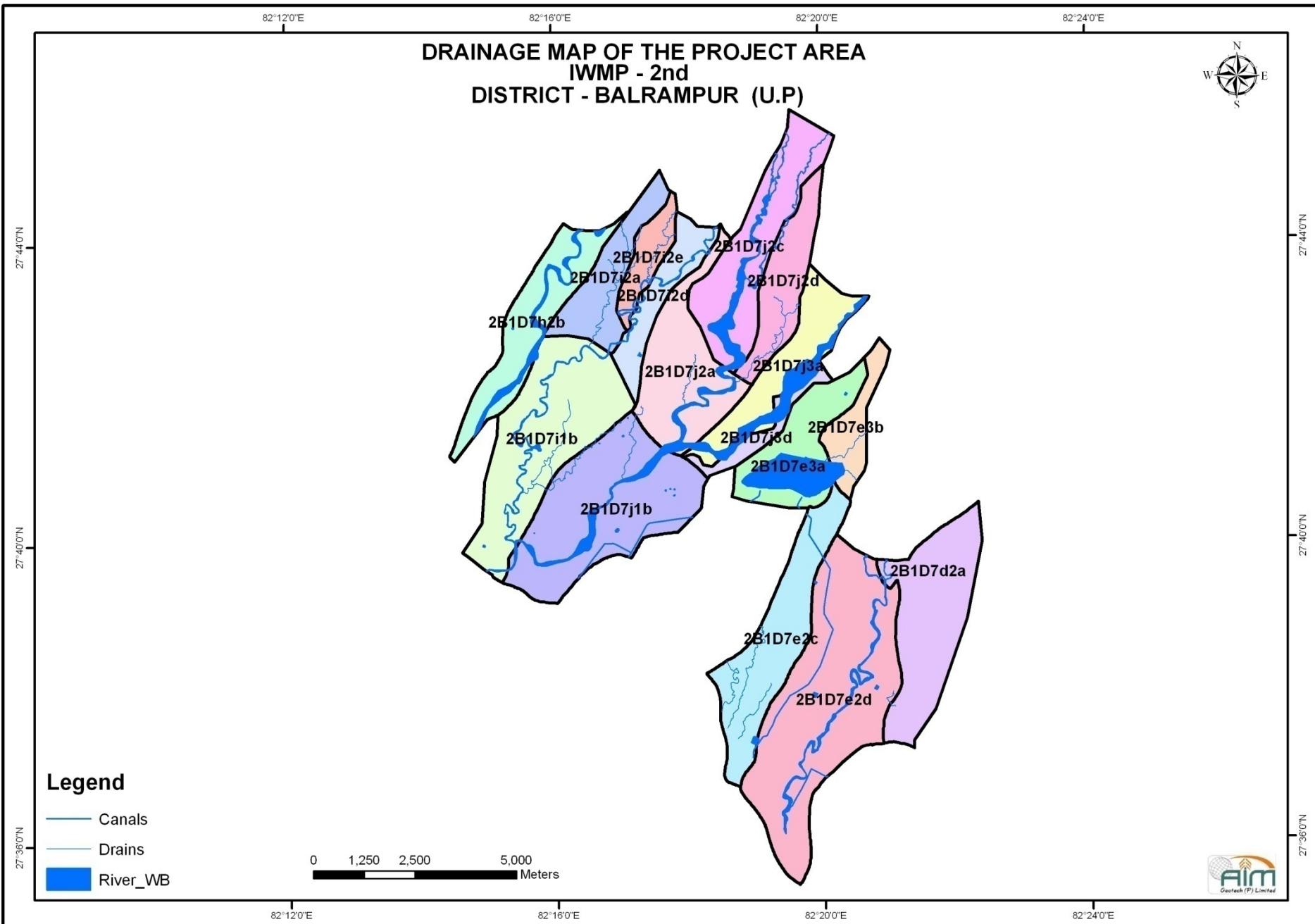
S.No.	Particulars of Items	Unit	Pre Execution	Post Execution
1	Gross Cultivated area	ha	3582.00	+20 to 25%
2	Cropping Intensity	%	145.00	+20 to 25%
3	Agricultural Production			
a	Food Production	qtls	53173.00	+20 to 25%
i	Cereals		41157.00	+20 to 25%
ii	Pulses		7261.00	+20 to 25%
iii	Oil seed		4755.00	+20 to 25%

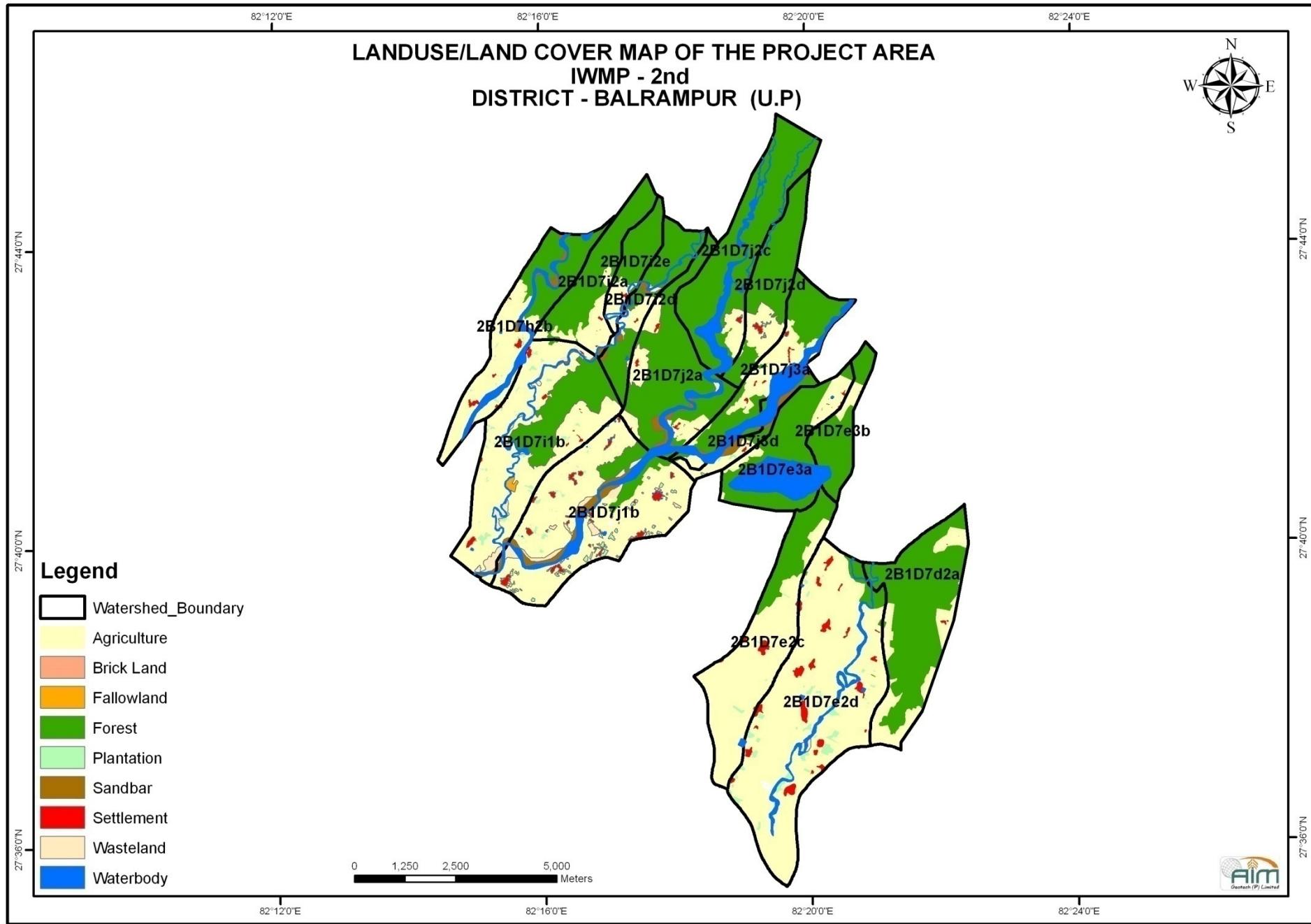
S.No.	Particulars of Items	Unit	Pre Execution	Post Execution
b	Fodder production	qtls	59224.25	+20 to 25%
i	Dry fodder		48350.25	+20 to 25%
ii	Green fodder		10874.00	+20 to 25%
c	Fuel production (qtls)	qtls		
i	Arhar+Mustard plants		16260.00	+20 to 25%
4	Average Income from Agriculture	/ha	25099	+25 to 30%
5	Milk Production/per year	Liter	975333	+25 to 30%
6	Irrigated/Rainfed Area	ha	873/2709	1048/2534
7	Additional Area under Agro/Horti/Forestry	ha	88	+14 ha
8	Employment generation Man days	No	100	+20 to 25%
9	Women Benefitted by SHGs and IGA	No	-	+95
10	Value of land Rs/ha	Rs in lacs	3-4	+1 to 2
11	Average ground water table BGL	M	10-11	7-8

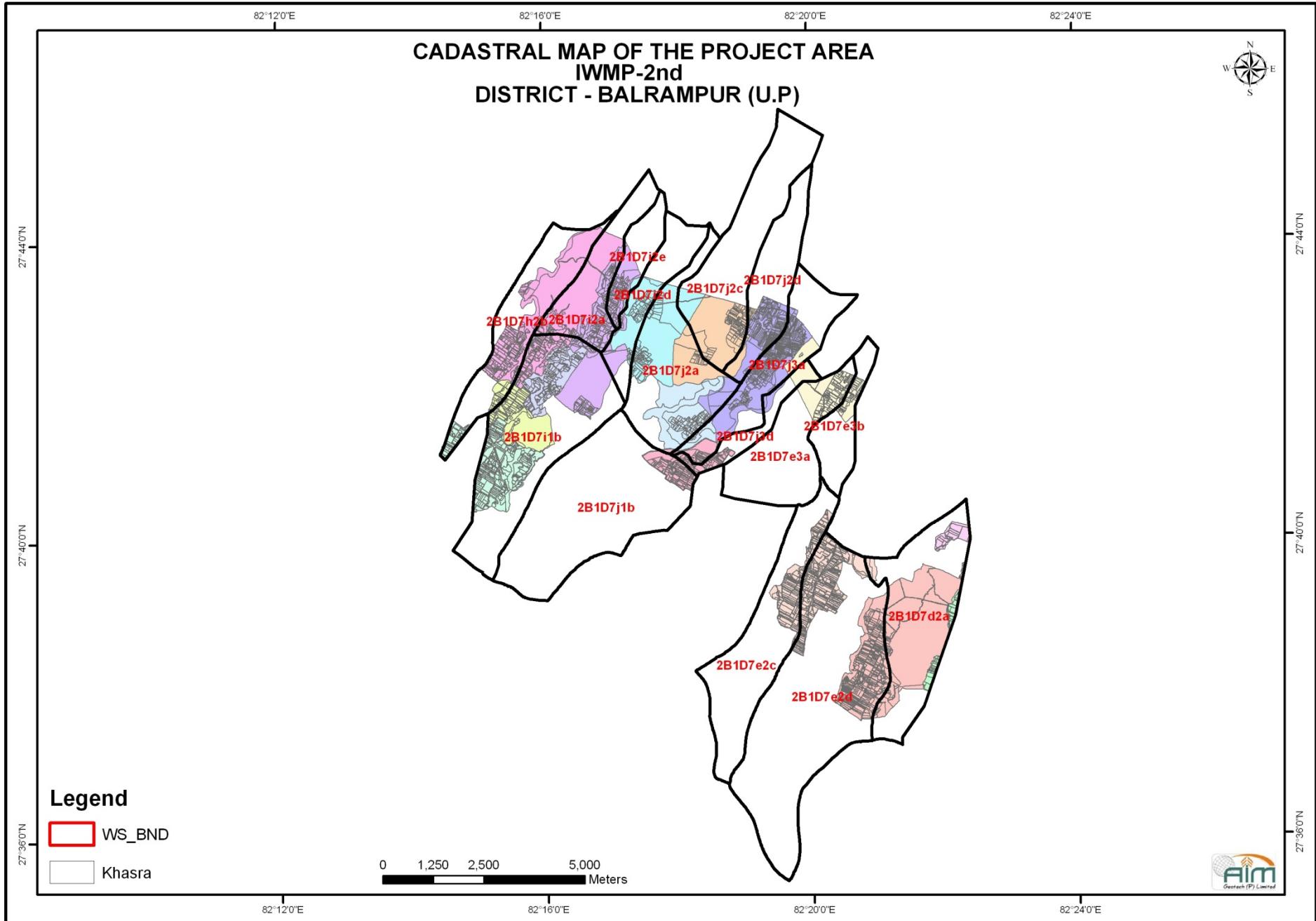
MAPS

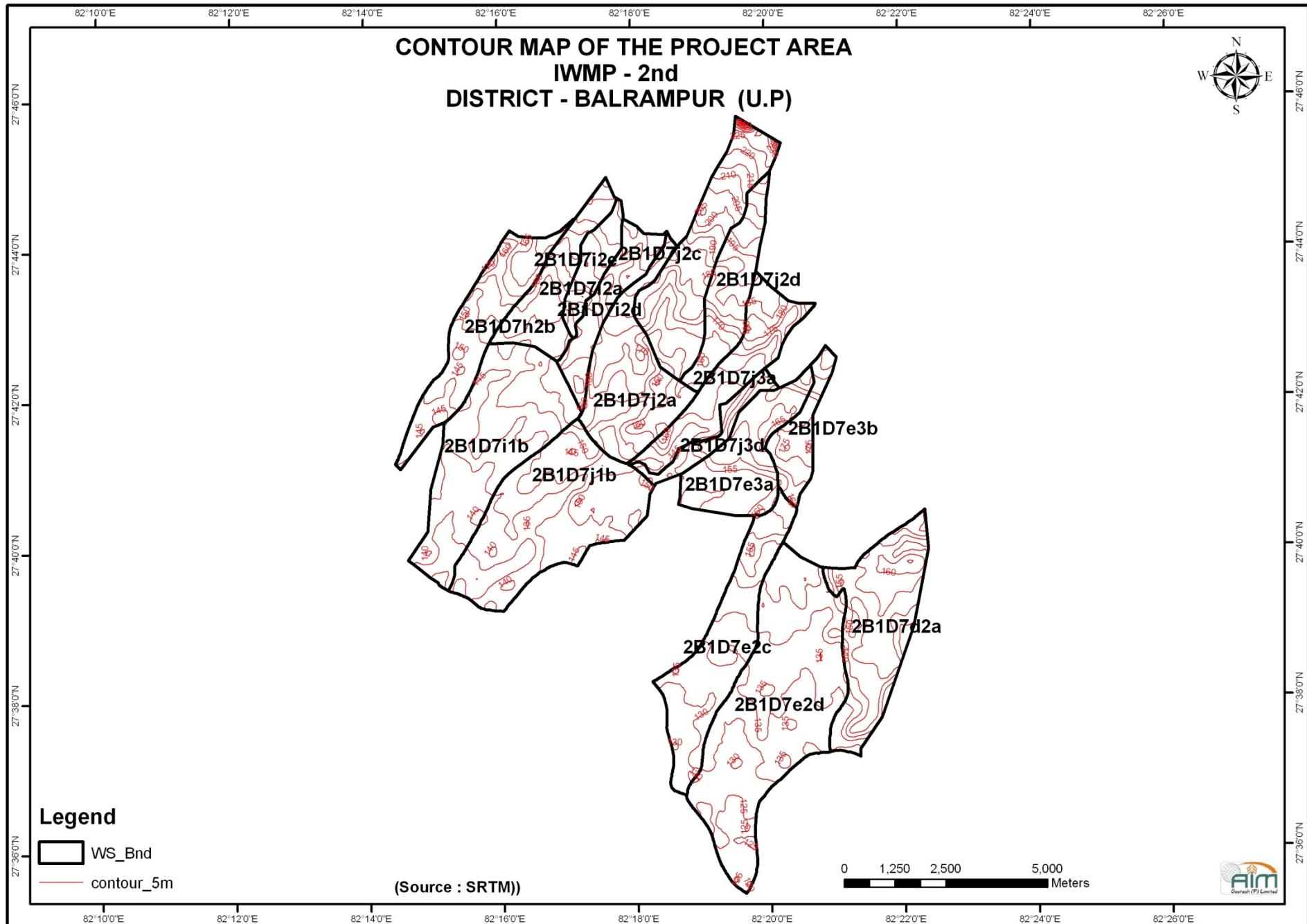


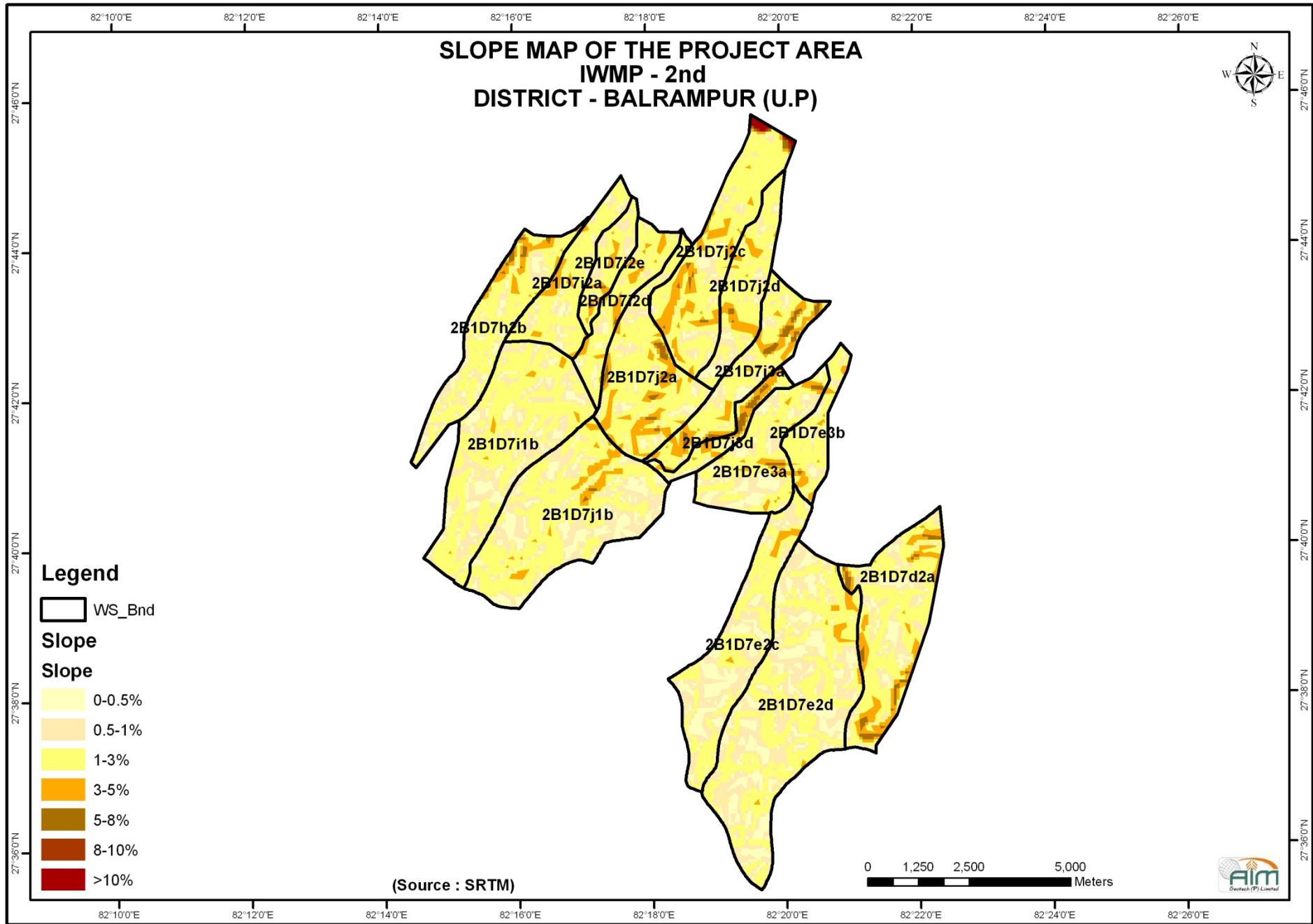


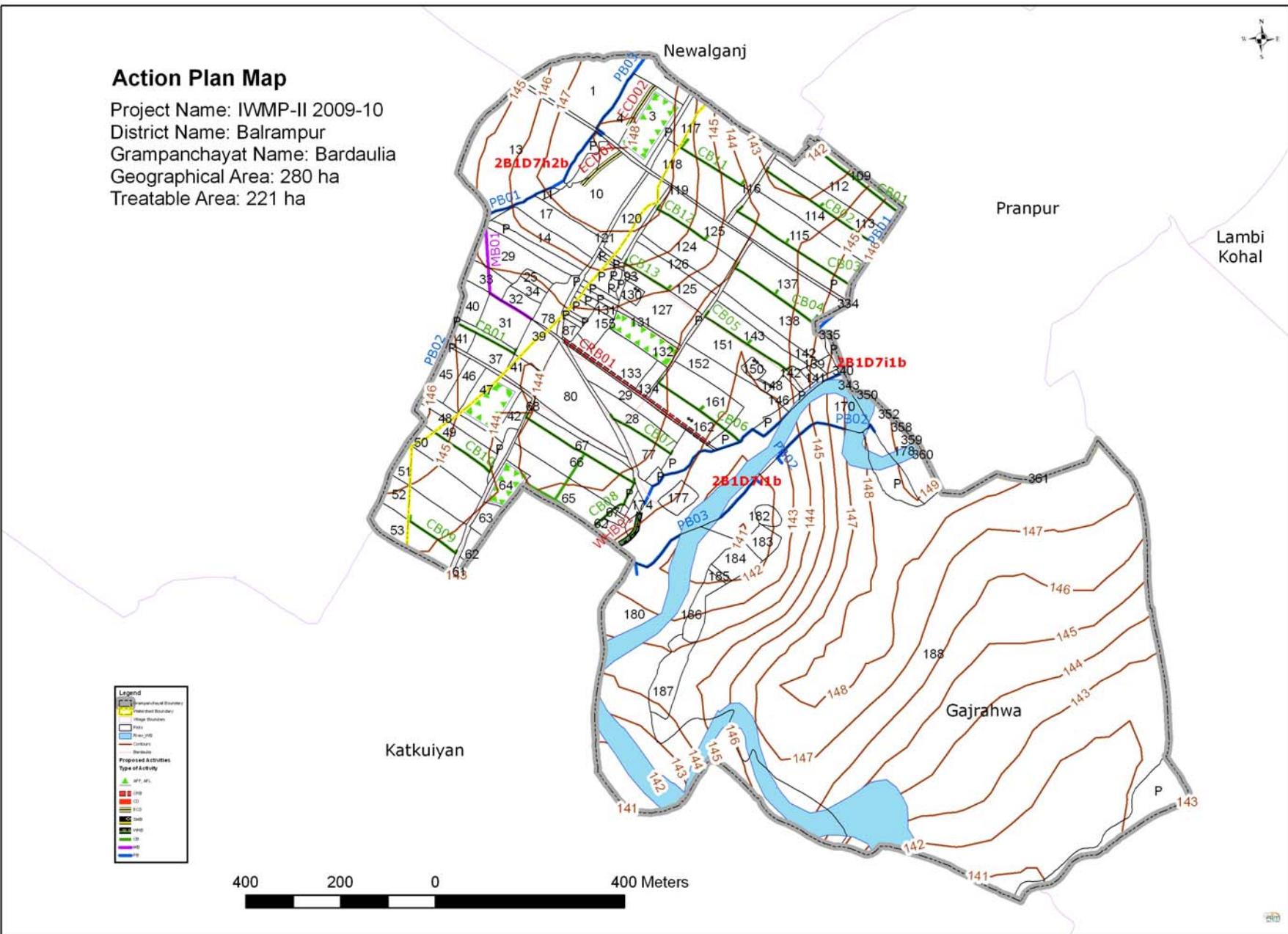














Action Plan Map

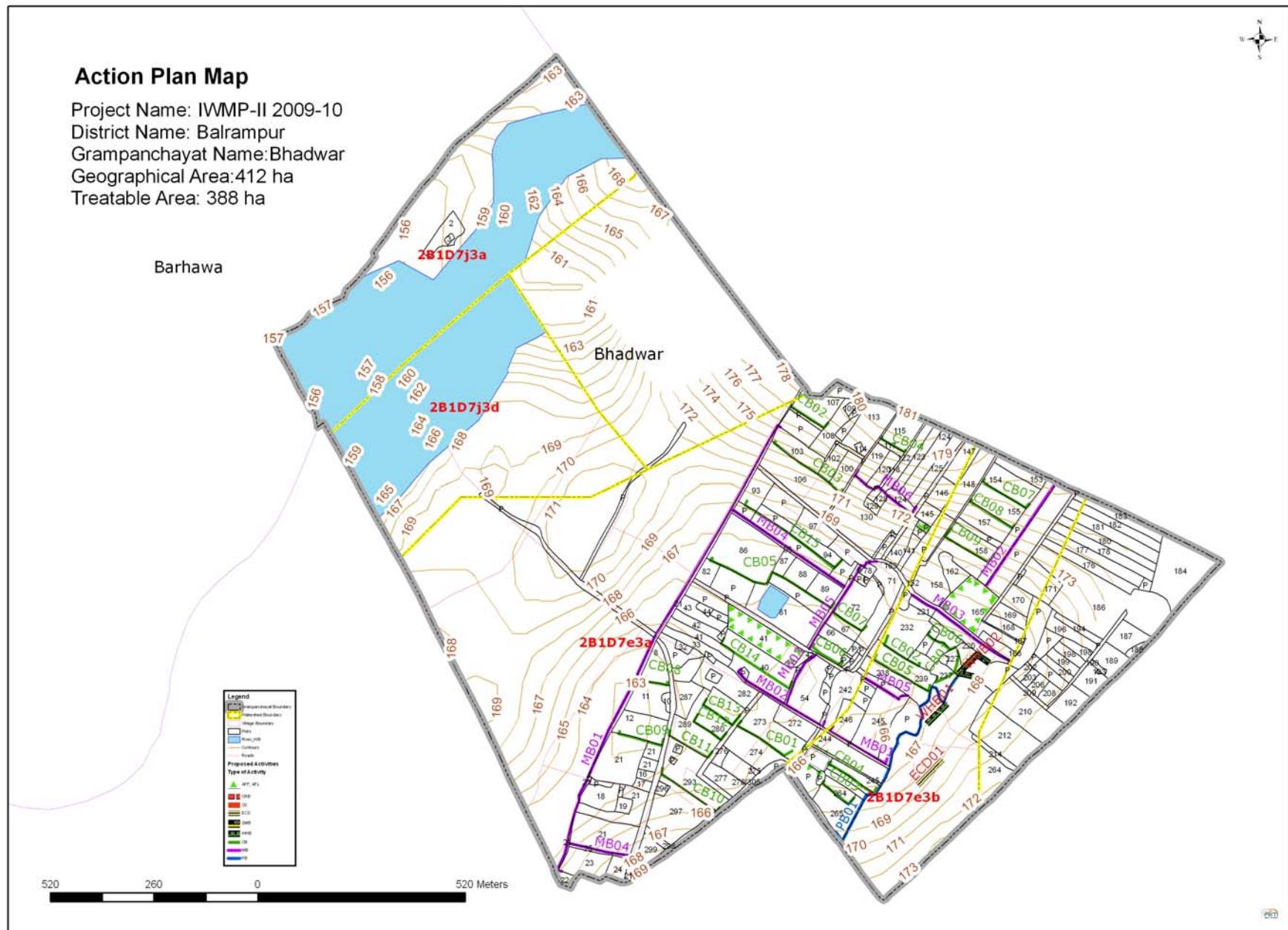
Project Name: IWMP-II 2009-10

District Name: Balrampur

Grampanchayat Name: Bhadwar

Geographical Area: 412 ha

Treatable Area: 388 ha



Lambi Kohal



Action Plan Map

Project Name: IWMP-II 2009-10
District Name: Balrampur
Grampanchayat Name: Barhawa
Geographical Area: 1151ha
Treatable Area: 1035 ha

Bharpurwa

Bhadwar

Ramwapur

Barhawa

Shankarpur

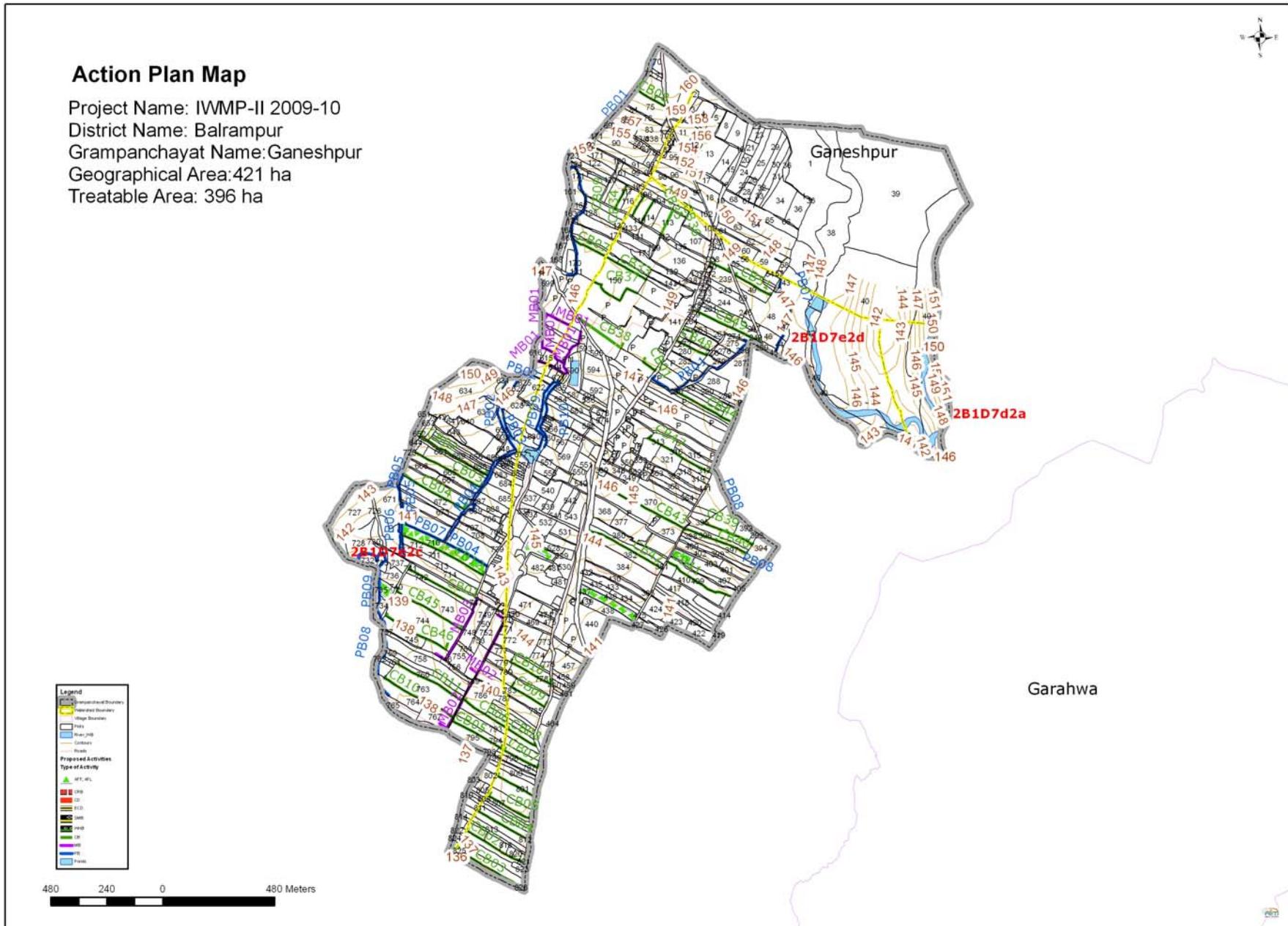
Lakahi

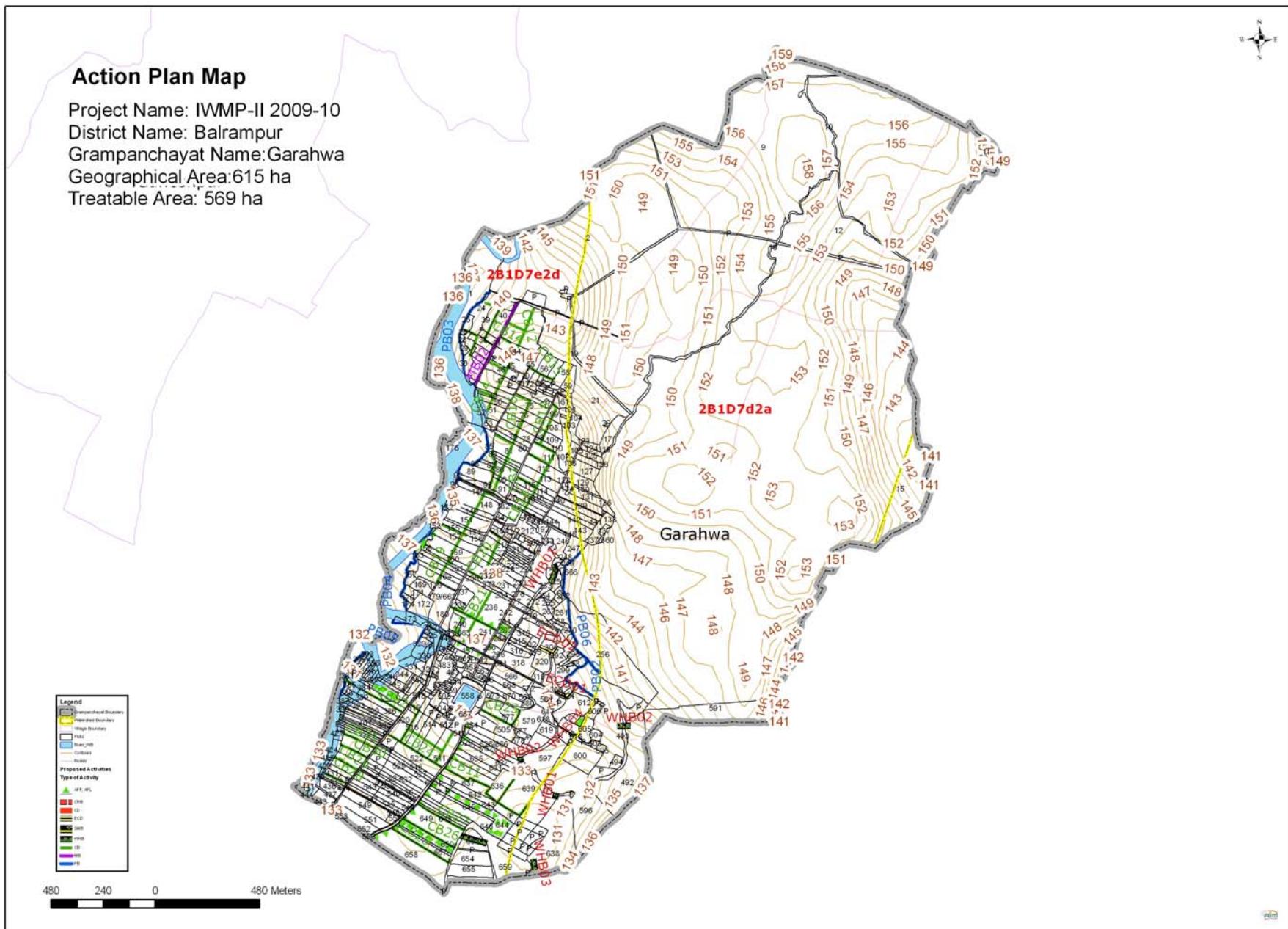


Legend	
Grampanchayat Boundary	Village Boundary
Plot Boundary	Plot
Water Body	Canal
Contour	
Proposed Activities	
Type of Activity	
WTF, WFL	
CB	
CD	
SMW	
HMB	
CF	
WB	

Action Plan Map

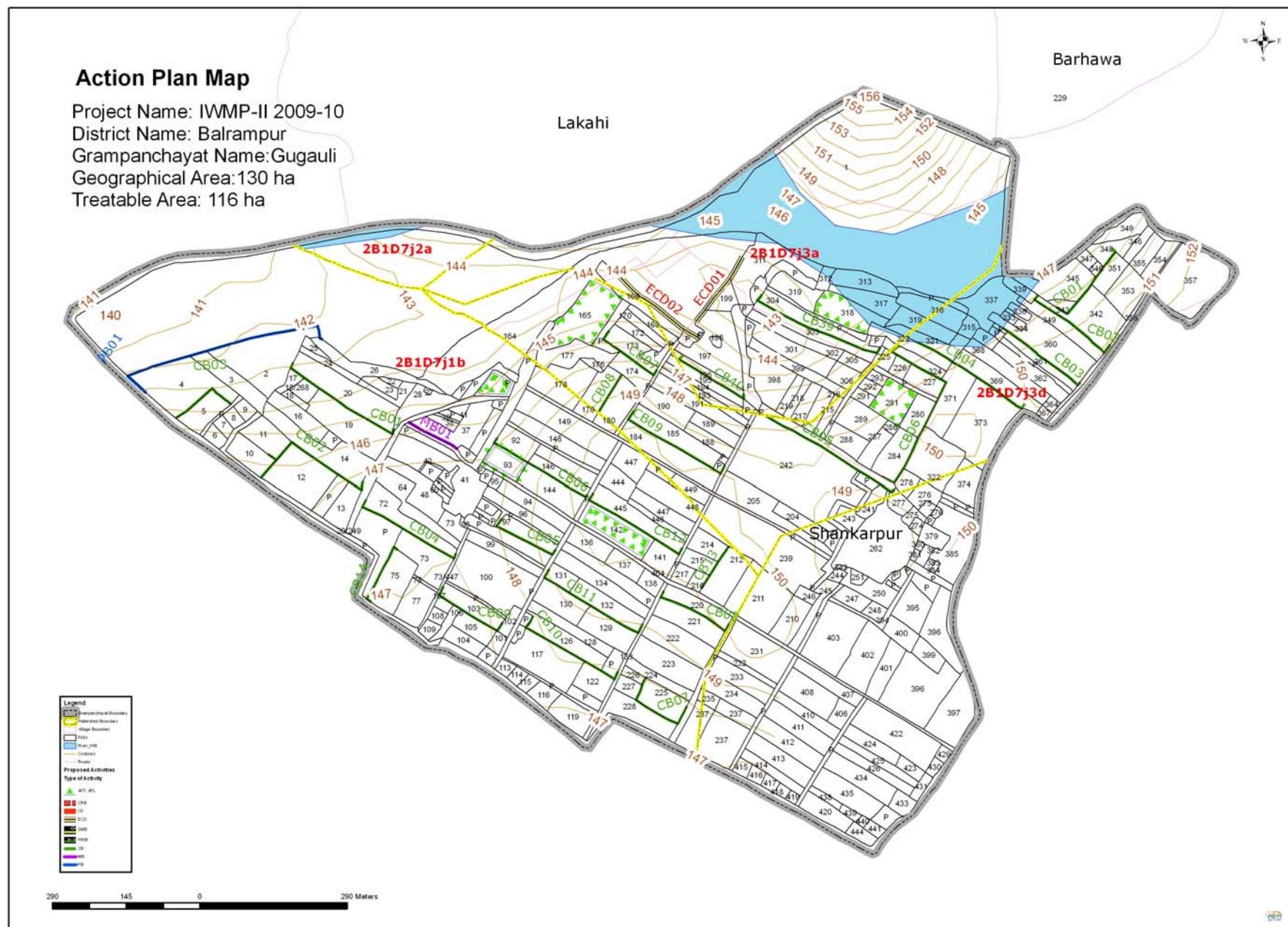
Project Name: IWMP-II 2009-10
District Name: Balrampur
Grampanchayat Name: Ganeshpur
Geographical Area: 421 ha
Treatable Area: 396 ha





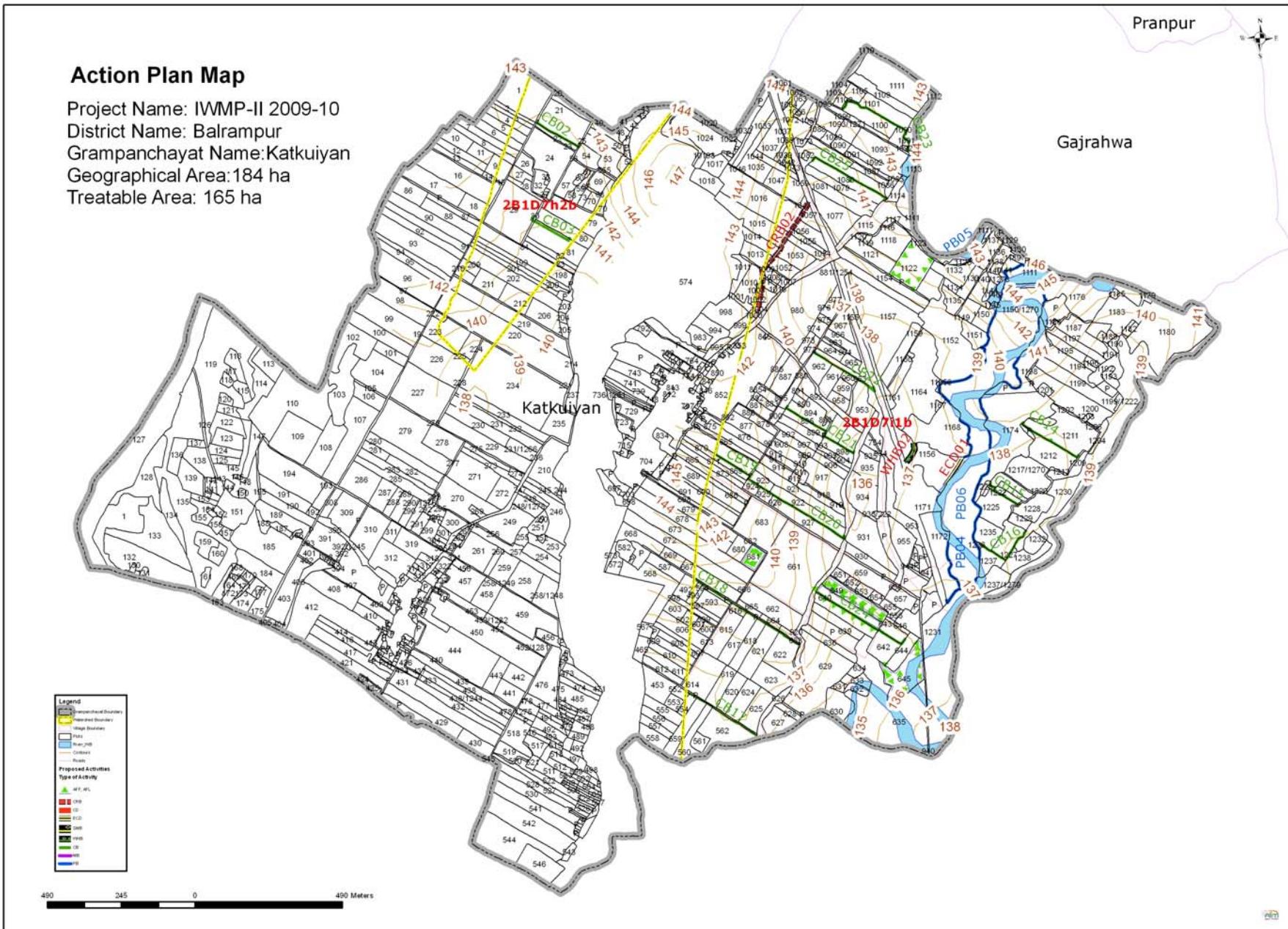
Action Plan Map

Project Name: IWMP-II 2009-10
 District Name: Balrampur
 Grampanchayat Name: Gugauli
 Geographical Area: 130 ha
 Treatable Area: 116 ha



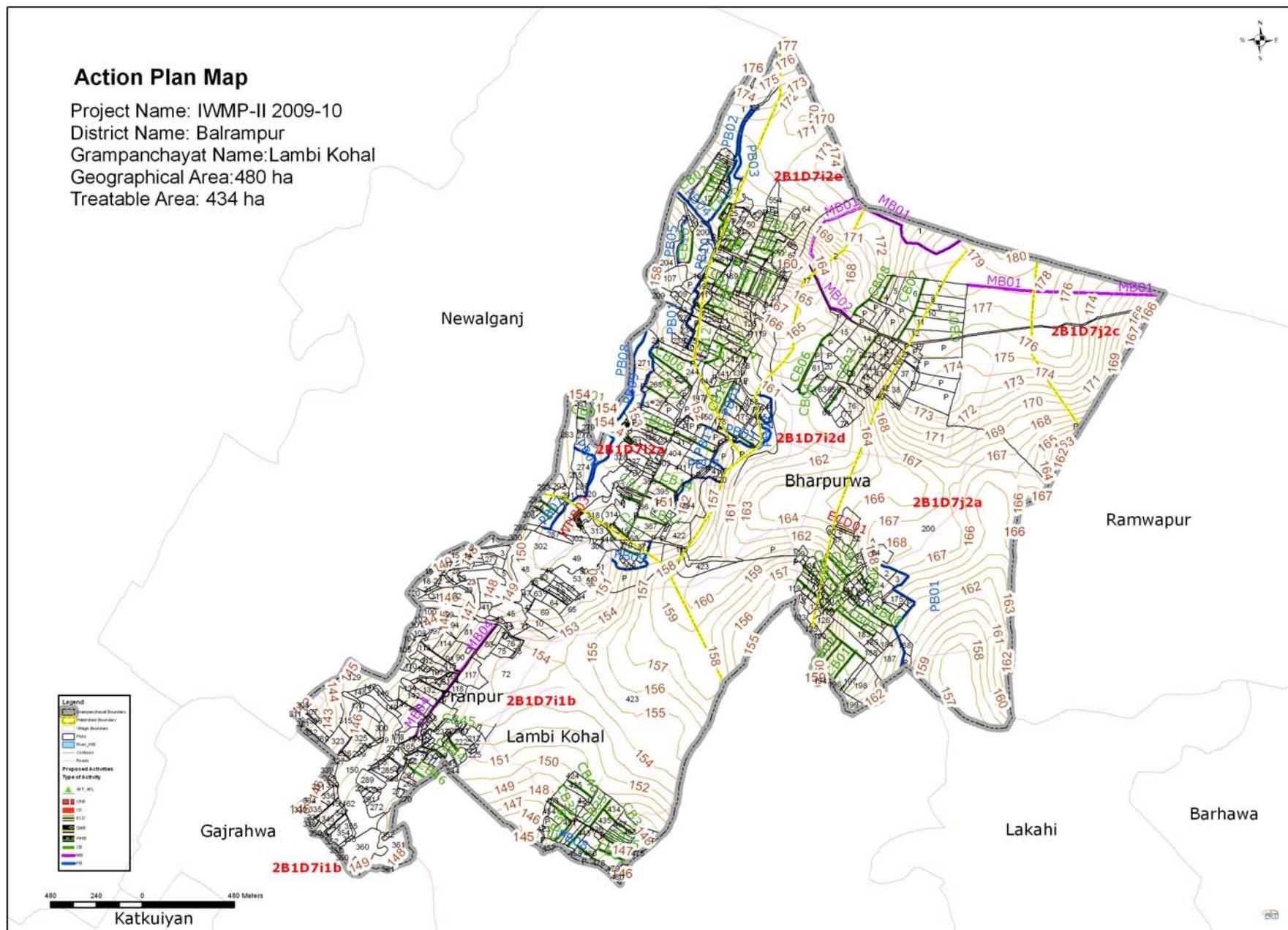
Action Plan Map

Project Name: IWMP-II 2009-10
 District Name: Balrampur
 Grampanchayat Name: Katkuiyan
 Geographical Area: 184 ha
 Treatable Area: 165 ha



Action Plan Map

Project Name: IWMP-II 2009-10
 District Name: Balrampur
 Grampanchayat Name: Lambi Kohal
 Geographical Area: 480 ha
 Treatable Area: 434 ha





Action Plan Map

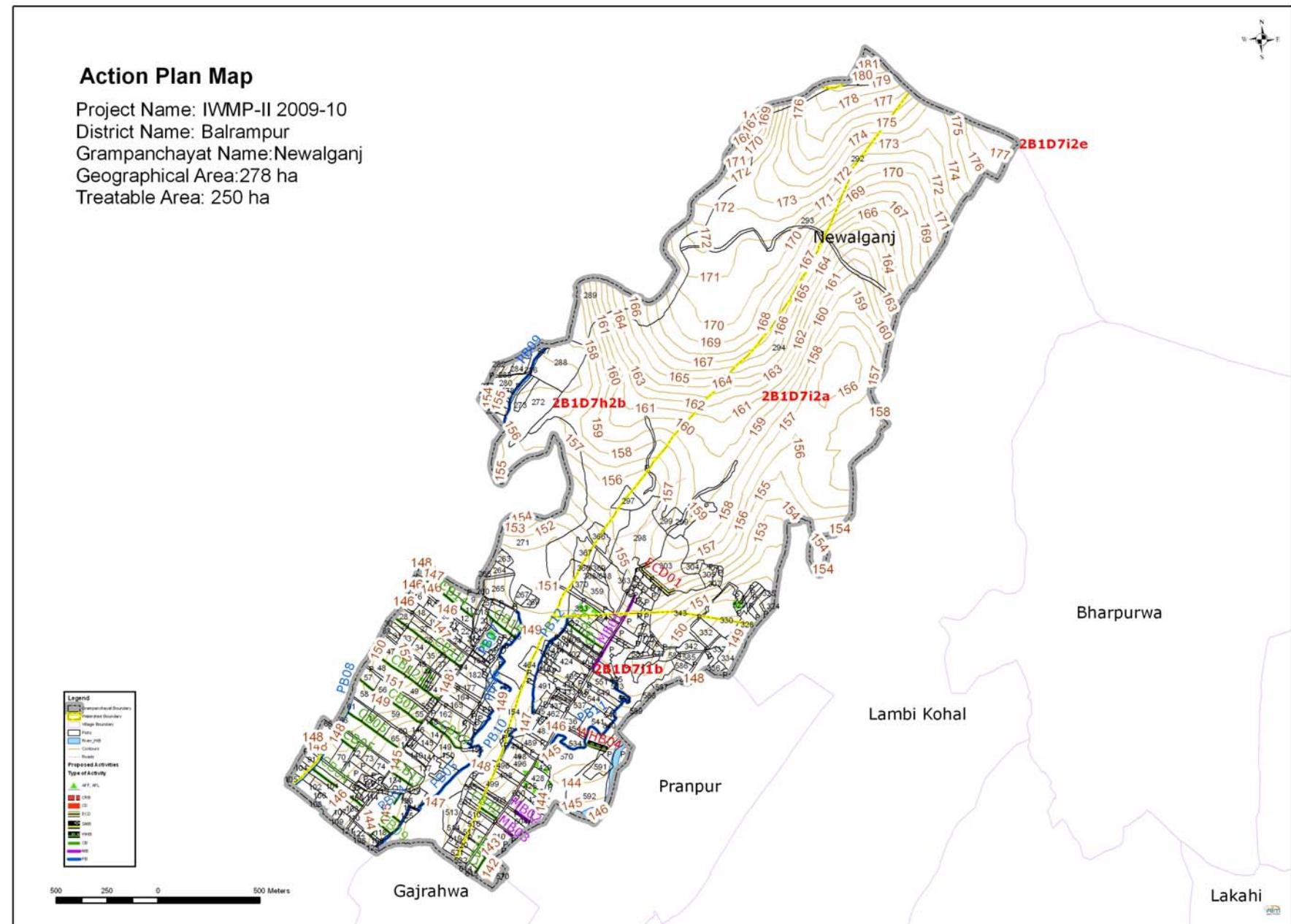
Project Name: IWMP-II 2009-10

District Name: Balrampur

Grampanchayat Name: Newalganj

Geographical Area: 278 ha

Treatable Area: 250 ha



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	Affiliation
1	Dr. Mahesh Pal	Scientist, Krishi Vigyan Centre, Motipur Hudwa Post-Pachhpura	P.I.A., Balrampur
2	Mr. R. K. Tyagi	Bhoomi Sanrakshan Adhikari IWMP-1 st Balrampur	P.I.A., Balrampur
3	Mr. S.P.G. Rao	Junior Engineer IWMP-1 st Balrampur	P.I.A., Balrampur
4	Mr. Harish Chandra	Draughtsman IWMP-1 st Balrampur	P.I.A., Balrampur
5	Mr. Sarvesh Kumar Mishra	Data and Design Compiler	P.I.A., Balrampur
6	Mr. S.P.G. Rao	Member of WDT (Diploma Civil Engineering)	P.I.A., Balrampur
7	Mr. P.D. Singh	A.S.C.I. IWMP-1 st Balrampur	P.I.A., Balrampur
8	Mr. Sohan Lal	A.S.C.I. IWMP-1 st Balrampur	P.I.A., Balrampur
9	Mr. Laxman Prasad Chaudhari	A.S.C.I. IWMP-1 st Balrampur	P.I.A., Balrampur
10	Mr. R.P. Dubay	Work Incharge IWMP-1 st Balrampur	P.I.A., Balrampur
11	Mr. Prabhu Yadava	Work Incharge IWMP-1 st Balrampur	P.I.A., Balrampur
12	Mr. Mahendra Kumar Mishra	Work Incharge IWMP-1 st Balrampur	P.I.A., Balrampur
13	Mr. Rambilash Gomd	Work Incharge IWMP-1 st Balrampur	P.I.A., Balrampur
14	Mr. Vispal Singh	Work Incharge IWMP-1 st Balrampur	P.I.A., Balrampur

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 : Bardaulia

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 Sqm	Dressing + Others	Outlets	Type of outlet	EW Cost (Rs.)	Sodding cost (Rs.)	Outlet cost (Rs.)	Total cost (Rs.)
Details of Soil Moisture measures																
1	2B1D7i1b	Gajrahwa	CB06	0.45	2.25	0.6	0.81	267	216.7				7057	987		8043.55
2	2B1D7h2b	Gajrahwa	CB01	0.45	2.25	0.6	0.81	158	128.2				4177	584		4761.09
3	2B1D7i1b	Gajrahwa	CB01	0.45	2.25	0.6	0.81	256	207.7				6764	946		7710.19
4	2B1D7i1b	Gajrahwa	CB02	0.45	2.25	0.6	0.81	312	252.8				8234	1152		9385.93
5	2B1D7i1b	Gajrahwa	CB03	0.45	2.25	0.6	0.81	338	273.6				8913	1247		10159.26
6	2B1D7i1b	Gajrahwa	CB05	0.45	2.25	0.6	0.81	249	201.7				6571	919		7489.83
7	2B1D7i1b	Gajrahwa	CB07	0.45	2.25	0.6	0.81	164	132.8				4326	605		4931.10
8	2B1D7i1b	Gajrahwa	CB08	0.45	2.25	0.6	0.81	709	574.4				18709	2617		21326.39
9	2B1D7i1b	Gajrahwa	CB10	0.45	2.25	0.6	0.81	177	143				4657	651		5308.58
10	2B1D7i1b	Gajrahwa	CB11	0.45	2.25	0.6	0.81	186	150.7				4907	686		5593.12
11	2B1D7i1b	Gajrahwa	CB12	0.45	2.25	0.6	0.81	144	116.5				3793	531		4324.06
12	2B1D7i1b	Gajrahwa	CB13	0.45	2.25	0.6	0.81	129	104.7				3409	477		3885.76
13	2B1D7i1b	Gajrahwa	CB09	0.45	2.25	0.6	0.81	140	113.8				3706	518		4223.86
14	2B1D7i1b	Gajrahwa	CB04	0.45	2.25	0.6	0.81	251	203				6612	925		7536.71
15	2B1D7i1b	Gajrahwa	CRB01	3	4.5	0.8	3	379	1137.3		1	HMP	37040	5220	30000	72260.51
16	2B1D7h2b	Gajrahwa	ECD02	3	15	3	27	105	2835		1	MSN	148242	2586	150000	300828.32
17	2B1D7h2b	Gajrahwa	ECD01	3	15	3	27	110	2970		1	MSN	155301	2709	150000	308010.65
18	2B1D7h2b	Gajrahwa	MB01	3	4.5	1	3.75	246	922		1	MSN	30030	3386	50000	83415.47
19	2B1D7h2b	Gajrahwa	PB02	1	3.3	1	2.15	514	1105.4		1	HMP	36002	3123	20000	59125.26
20	2B1D7h2b	Gajrahwa	PB03	1	3.3	1	2.15	198	425.3		1	HMP	13851	1202	20000	35052.93
21	2B1D7i1b	Gajrahwa	PB03	1	3.3	1	2.15	367	788		1	HMP	25664	2226	20000	47890.93
22	2B1D7i1b	Gajrahwa	PB01	1	3.3	1	2.15	974	2095.2		4	HMP	68240	5920	80000	154159.82
23	2B1D7h2b	Gajrahwa	PB01	1	3.3	1	2.15	313	673.4		1	HMP	21933	1903	20000	43835.24
24	2B1D7i1b	Gajrahwa	PB02	1	3.3	1	2.15	275	590.3				19226	1668		20893.59
Total								6961	16361.5	0			647364	42788	540000	1230152.16
Details of Water Resources																
25	2B1D7i1b	Gajrahwa	WHB01	3	15	3	27	86	2321.2	1411.6	1	MSN	104455	2117	200000	306572.07
Total								86	2321.2	1411.6	1		104455	2117	200000	306572.07
Details of Afforestation and Agro forestry																
26	2B1D7i1b	Gajrahwa	AFL03					389								4680.00

27	2B1D7i1b	Gajrahwā	AFL02					256									3060.00
28	2B1D7i1b	Gajrahwā	AFL01					303									3630.00
29	2B1D7h2b	Gajrahwā	AFL01					374									4500.00
Total																	15870.00
Grand Total																	1552594.23

Name of Gram Panchayat : Barhawa

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 Sqm	Dressing + Others	Outlets	Type of outlet	EW Cost (Rs.)	Sodding cost (Rs.)	Outlet cost (Rs.)	Total cost (Rs.)
Details of Soil Moisture measures																
1	2B1D7j2d	Barhawa	CB06	0.45	2.25	0.6	0.81	304	246.5				8028	1123		9151.00
2	2B1D7j2a	Lakahi	CB10	0.45	2.25	0.6	0.81	168	135.7				4419	618		5037.49
3	2B1D7j3a	Barhawa	CB24	0.45	2.25	0.6	0.81	148	119.5				3893	544		4437.05
4	2B1D7j3a	Barhawa	CB25	0.45	2.25	0.6	0.81	155	125.3				4082	571		4653.34
5	2B1D7j3a	Barhawa	CB26	0.45	2.25	0.6	0.81	192	155.8				5075	710		5785.05
6	2B1D7j3a	Barhawa	CB27	0.45	2.25	0.6	0.81	149	120.7				3930	550		4479.48
7	2B1D7j3a	Barhawa	CB28	0.45	2.25	0.6	0.81	181	146.8				4782	669		5451.10
8	2B1D7j3a	Barhawa	CB29	0.45	2.25	0.6	0.81	214	173				5636	788		6423.82
9	2B1D7j3a	Barhawa	CB30	0.45	2.25	0.6	0.81	163	131.7				4289	600		4889.44
10	2B1D7j3a	Barhawa	CB31	0.45	2.25	0.6	0.81	147	118.8				3868	541		4409.29
11	2B1D7j3a	Barhawa	CB32	0.45	2.25	0.6	0.81	279	225.7				7352	1028		8379.90
12	2B1D7j3a	Barhawa	CB33	0.45	2.25	0.6	0.81	264	214.2				6976	976		7951.83
13	2B1D7j3a	Barhawa	CB22	0.45	2.25	0.6	0.81	226	183.4				5974	836		6809.63
14	2B1D7j3a	Barhawa	CB35	0.45	2.25	0.6	0.81	270	218.9				7130	997		8126.87
15	2B1D7j3a	Barhawa	CB21	0.45	2.25	0.6	0.81	286	231.4				7537	1054		8590.86
16	2B1D7j2d	Barhawa	CB07	0.45	2.25	0.6	0.81	175	141.8				4617	646		5262.85
17	2B1D7j2d	Barhawa	CB08	0.45	2.25	0.6	0.81	263	213.1				6942	971		7913.19
18	2B1D7j2d	Barhawa	CB09	0.45	2.25	0.6	0.81	176	142.3				4633	648		5281.56
19	2B1D7j2d	Barhawa	CB10	0.45	2.25	0.6	0.81	407	329.4				10729	1501		12230.16
20	2B1D7j2d	Barhawa	CB11	0.45	2.25	0.6	0.81	396	320.7				10445	1461		11906.49
21	2B1D7j2d	Barhawa	CB12	0.45	2.25	0.6	0.81	170	137.5				4480	627		5106.40
22	2B1D7j2d	Barhawa	CB13	0.45	2.25	0.6	0.81	101	81.7				2662	372		3034.52
23	2B1D7j2d	Barhawa	CB14	0.45	2.25	0.6	0.81	157	127				4136	579		4714.58
24	2B1D7j2d	Barhawa	CB16	0.45	2.25	0.6	0.81	211	170.5				5554	777		6330.33
25	2B1D7j2d	Barhawa	CB17	0.45	2.25	0.6	0.81	275	222.9				7259	1015		8274.31
26	2B1D7j3a	Lakahi	CB36	0.45	2.25	0.6	0.81	201	162.7				5299	741		6039.78
27	2B1D7j3a	Barhawa	CB34	0.45	2.25	0.6	0.81	259	209.6				6827	955		7781.44
28	2B1D7j3a	Barhawa	CB09	0.45	2.25	0.6	0.81	193	156				5080	711		5790.61

29	2B1D7j2d	Barhawa	CB01	0.45	2.25	0.6	0.81	241	195.4				6365	890		7255.84
30	2B1D7j2d	Barhawa	CB02	0.45	2.25	0.6	0.81	142	115.2				3752	525		4276.56
31	2B1D7j2d	Barhawa	CB03	0.45	2.25	0.6	0.81	190	153.6				5001	700		5701.03
32	2B1D7j2d	Barhawa	CB04	0.45	2.25	0.6	0.81	338	273.9				8921	1248		10168.53
33	2B1D7j2d	Barhawa	CB05	0.45	2.25	0.6	0.81	343	277.8				9050	1266		10315.33
34	2B1D7j3a	Barhawa	CB01	0.45	2.25	0.6	0.81	219	177.5				5781	809		6589.91
35	2B1D7j3a	Barhawa	CB02	0.45	2.25	0.6	0.81	334	270.2				8799	1231		10030.03
36	2B1D7j3a	Barhawa	CB03	0.45	2.25	0.6	0.81	149	120.4				3923	549		4471.69
37	2B1D7j3a	Barhawa	CB04	0.45	2.25	0.6	0.81	150	121.5				3958	554		4511.98
38	2B1D7j3a	Barhawa	CB05	0.45	2.25	0.6	0.81	93	75.4				2455	343		2798.47
39	2B1D7j3a	Barhawa	CB06	0.45	2.25	0.6	0.81	139	112.3				3657	512		4169.06
40	2B1D7j3a	Barhawa	CB23	0.45	2.25	0.6	0.81	184	149.2				4861	680		5540.50
41	2B1D7j3a	Barhawa	CB08	0.45	2.25	0.6	0.81	495	400.9				13057	1826		14883.26
42	2B1D7j2d	Barhawa	CB15	0.45	2.25	0.6	0.81	165	133.5				4350	608		4958.01
43	2B1D7j3a	Barhawa	CB10	0.45	2.25	0.6	0.81	229	185.9				6053	847		6900.05
44	2B1D7j3a	Barhawa	CB11	0.45	2.25	0.6	0.81	101	82.2				2677	374		3050.96
45	2B1D7j3a	Barhawa	CB12	0.45	2.25	0.6	0.81	99	80.4				2620	366		2986.73
46	2B1D7j3a	Barhawa	CB13	0.45	2.25	0.6	0.81	500	404.6				13179	1843		15022.34
47	2B1D7j3a	Barhawa	CB14	0.45	2.25	0.6	0.81	207	167.6				5460	764		6223.44
48	2B1D7j3a	Barhawa	CB15	0.45	2.25	0.6	0.81	275	222.9				7259	1015		8274.38
49	2B1D7j3a	Barhawa	CB16	0.45	2.25	0.6	0.81	237	191.8				6248	874		7121.48
50	2B1D7j3a	Barhawa	CB17	0.45	2.25	0.6	0.81	442	357.7				11651	1630		13280.54
51	2B1D7j3a	Barhawa	CB18	0.45	2.25	0.6	0.81	212	172				5602	784		6386.08
52	2B1D7j3a	Barhawa	CB19	0.45	2.25	0.6	0.81	169	137.1				4466	625		5091.09
53	2B1D7j3a	Barhawa	CB20	0.45	2.25	0.6	0.81	346	279.9				9115	1275		10390.32
54	2B1D7j3a	Barhawa	CB07	0.45	2.25	0.6	0.81	127	103				3354	469		3823.68
55	2B1D7j2c	Ramwapur	CB02	0.45	2.25	0.6	0.81	68	55.1				1796	251		2047.41
56	2B1D7j2a	Lakahi	CB19	0.45	2.25	0.6	0.81	176	142.5				4640	649		5289.54
57	2B1D7j2a	Lakahi	CB20	0.45	2.25	0.6	0.81	152	123.4				4020	562		4582.82
58	2B1D7j2a	Lakahi	CB21	0.45	2.25	0.6	0.81	162	131.3				4277	598		4875.51
59	2B1D7j2a	Lakahi	CB22	0.45	2.25	0.6	0.81	243	196.7				6408	896		7303.72
60	2B1D7j2a	Lakahi	CB23	0.45	2.25	0.6	0.81	99	80.4				2619	366		2985.40
61	2B1D7j2a	Lakahi	CB24	0.45	2.25	0.6	0.81	172	139.2				4533	634		5167.29
62	2B1D7j2a	Lakahi	CB25	0.45	2.25	0.6	0.81	166	134.7				4387	614		5000.22
63	2B1D7j2a	Lakahi	CB26	0.45	2.25	0.6	0.81	158	128.1				4171	583		4754.32
64	2B1D7j2a	Lakahi	CB27	0.45	2.25	0.6	0.81	88	71.4				2325	325		2650.48
65	2B1D7j3a	Lakahi	CB37	0.45	2.25	0.6	0.81	85	69.2				2255	315		2569.96
66	2B1D7j2a	Lakahi	CB18	0.45	2.25	0.6	0.81	308	249.8				8136	1138		9274.01
67	2B1D7j2c	Ramwapur	CB01	0.45	2.25	0.6	0.81	59	48				1565	219		1783.47
68	2B1D7j2a	Lakahi	CB28	0.45	2.25	0.6	0.81	162	130.9				4263	596		4859.09

69	2B1D7j2c	Ramwapur	CB03	0.45	2.25	0.6	0.81	68	55.3				1800	252		2051.59
70	2B1D7j2c	Ramwapur	CB04	0.45	2.25	0.6	0.81	65	52.4				1707	239		1945.92
71	2B1D7j2c	Ramwapur	CB05	0.45	2.25	0.6	0.81	207	167.6				5458	763		6221.22
72	2B1D7j2d	Ramwapur	CB18	0.45	2.25	0.6	0.81	215	174.3				5678	794		6472.75
73	2B1D7j2c	Ramwapur	CB06	0.45	2.25	0.6	0.81	288	233				7589	1062		8650.77
74	2B1D7j2c	Ramwapur	CB07	0.45	2.25	0.6	0.81	203	164.3				5352	749		6100.35
75	2B1D7j2c	Ramwapur	CB08	0.45	2.25	0.6	0.81	233	188.4				6136	858		6994.00
76	2B1D7j2c	Ramwapur	CB09	0.45	2.25	0.6	0.81	196	159				5178	724		5902.25
77	2B1D7j2c	Ramwapur	CB10	0.45	2.25	0.6	0.81	243	196.4				6398	895		7292.58
78	2B1D7j2c	Ramwapur	CB11	0.45	2.25	0.6	0.81	283	229.5				7474	1045		8519.95
79	2B1D7j2c	Ramwapur	CB12	0.45	2.25	0.6	0.81	206	167				5439	761		6200.31
80	2B1D7j2a	Lakahi	CB29	0.45	2.25	0.6	0.81	264	214				6969	975		7944.28
81	2B1D7j2a	Lakahi	CB11	0.45	2.25	0.6	0.81	47	38				1238	173		1411.68
82	2B1D7j2a	Lakahi	CB17	0.45	2.25	0.6	0.81	489	395.7				12889	1803		14692.21
83	2B1D7j3a	Lakahi	CB38	0.45	2.25	0.6	0.81	70	56.7				1847	258		2105.65
84	2B1D7j2a	Lakahi	CB12	0.45	2.25	0.6	0.81	678	549.5				17898	2503		20401.75
85	2B1D7j2a	Lakahi	CB13	0.45	2.25	0.6	0.81	273	221.2				7205	1008		8212.69
86	2B1D7j2a	Lakahi	CB14	0.45	2.25	0.6	0.81	300	243.3				7923	1108		9031.00
87	2B1D7j2a	Lakahi	CB15	0.45	2.25	0.6	0.81	232	188.2				6128	857		6985.41
88	2B1D7j2a	Lakahi	CB16	0.45	2.25	0.6	0.81	304	246.5				8028	1123		9150.59
89	2B1D7j2d	Barhawa	ECD02	3	15	3	27	29	771		1	MSN	40315	703	150000	191018.30
90	2B1D7j2a	Lakahi	ECD03	3	15	3	27	76	2048.3		1	MSN	107108	1869	150000	258976.24
91	2B1D7j2d	Ramwapur	ECD05	3	15	3	27	142	3823		1	MSN	199906	3487	150000	353393.64
92	2B1D7j2c	Ramwapur	ECD03	3	15	3	27	72	1954.6		1	MSN	102208	1783	150000	253991.20
93	2B1D7j2c	Ramwapur	ECD02	3	15	3	27	106	2864.4		1	MSN	149777	2613	150000	302390.18
94	2B1D7j2a	Lakahi	ECD02	3	15	3	27	73	1969.1		1	MSN	102966	1796	150000	254762.29
95	2B1D7j2d	Barhawa	ECD01	3	15	3	27	151	4089.9		1	MSN	213861	3731	150000	367591.87
96	2B1D7j2c	Ramwapur	ECD04	3	15	3	27	79	2125.4		1	MSN	111136	1939	150000	263074.75
97	2B1D7j2d	Ramwapur	ECD04	3	15	3	27	28	752.3		1	MSN	39337	686	150000	190023.36
98	2B1D7j2d	Barhawa	ECD03	3	15	3	27	50	1355.8		1	MSN	70897	1237	150000	222133.99
99	2B1D7j2c	Barhawa	ECD01	3	15	3	27	57	1549.6		1	MSN	81029	1414	150000	232442.32
100	2B1D7j2a	Lakahi	MB02	3	4.5	1	3.75	84	314.9				10258	1156		11414.15
101	2B1D7j2d	Barhawa	PB03	1	3.3	1	2.15	423	910.4		2	HMP	29651	2572	40000	72223.55
102	2B1D7j2d	Barhawa	PB08	1	3.3	1	2.15	363	780.2		2	HMP	25410	2204	40000	67614.68
103	2B1D7j2d	Barhawa	PB09	1	3.3	1	2.15	545	1171.7		3	HMP	38161	3311	60000	101472.00
104	2B1D7j3a	Barhawa	PB04	1	3.3	1	2.15	3271	7031.9		8	HMP	229028	19869	160000	408896.99
105	2B1D7j3a	Barhawa	PB03	1	3.3	1	2.15	362	778.5		2	HMP	25357	2200	40000	67556.78
106	2B1D7j2d	Barhawa	PB04	1	3.3	1	2.15	812	1746.7		3	HMP	56890	4935	60000	121825.80
107	2B1D7j2d	Ramwapur	PB12	1	3.3	1	2.15	309	663.6		2	HMP	21613	1875	40000	63488.45
108	2B1D7j3a	Barhawa	PB01	1	3.3	1	2.15	226	486.5		1	HMP	15846	1375	20000	37220.61

109	2B1D7j2d	Barhawa	PB02	1	3.3	1	2.15	801	1723.1		3	HMP	56120	4869	60000	120988.82	
110	2B1D7j2d	Barhawa	PB01	1	3.3	1	2.15	563	1210.9		2	HMP	39438	3421	40000	82858.99	
111	2B1D7j2d	Barhawa	PB10	1	3.3	1	2.15	484	1040.3		2	HMP	33884	2940	40000	76823.09	
112	2B1D7j2a	Lakahi	PB02	1	3.3	1	2.15	293	629.5		1	HMP	20501	1779	20000	42280.02	
113	2B1D7j3a	Barhawa	PB07	1	3.3	1	2.15	746	1604.5		2	HMP	52258	4534	40000	96791.95	
114	2B1D7j3a	Lakahi	PB08	1	3.3	1	2.15	838	1802.7		3	HMP	58714	5094	60000	123807.99	
115	2B1D7j3a	Barhawa	PB02	1	3.3	1	2.15	292	628.4		1	HMP	20468	1776	20000	42243.93	
116	2B1D7j2a	Lakahi	PB04	1	3.3	1	2.15	150	322.4		1	HMP	10502	911	20000	31412.67	
117	2B1D7j2c	Ramwapur	PB01	1	3.3	1	2.15	353	758.1		3	HMP	24690	2142	60000	86832.27	
118	2B1D7j2c	Ramwapur	PB02	1	3.3	1	2.15	571	1228.2		2	HMP	40001	3470	40000	83471.41	
119	2B1D7j2c	Ramwapur	PB03	1	3.3	1	2.15	627	1348.4		2	HMP	43918	3810	40000	87728.52	
120	2B1D7j3a	Barhawa	PB06	1	3.3	1	2.15	1089	2341.7		4	HMP	76269	6617	80000	162885.70	
121	2B1D7j2c	Ramwapur	PB04	1	3.3	1	2.15	100	215.7		1	HMP	7025	609	20000	27634.22	
122	2B1D7j2d	Barhawa	PB06	1	3.3	1	2.15	414	890.1		1	HMP	28991	2515	20000	51505.60	
123	2B1D7j2c	Ramwapur	PB08	1	3.3	1	2.15	575	1236.4		2	HMP	40270	3494	40000	83764.01	
124	2B1D7j2a	Lakahi	PB03	1	3.3	1	2.15	360	774.8		2	HMP	25235	2189	40000	67423.79	
125	2B1D7j2d	Barhawa	PB05	1	3.3	1	2.15	509	1093.4		2	HMP	35614	3090	40000	78703.15	
126	2B1D7j2a	Lakahi	PB05	1	3.3	1	2.15	99	212.7		1	HMP	6929	601	20000	27529.89	
127	2B1D7j2d	Ramwapur	PB11	1	3.3	1	2.15	202	434.3		1	HMP	14147	1227	20000	35373.99	
128	2B1D7j2c	Ramwapur	PB05	1	3.3	1	2.15	181	388.6		1	HMP	12655	1098	20000	33753.15	
129	2B1D7j2d	Barhawa	PB07	1	3.3	1	2.15	223	480.4		2	HMP	15647	1357	40000	57004.73	
130	2B1D7j2c	Ramwapur	PB06	1	3.3	1	2.15	285	613.1		1	HMP	19969	1732	20000	41701.27	
131	2B1D7j2c	Ramwapur	PB07	1	3.3	1	2.15	245	526.3		1	HMP	17140	1487	20000	38626.99	
132	2B1D7j3a	Barhawa	PB05	1	3.3	1	2.15	239	514		1	HMP	16743	1452	20000	38195.05	
Total								36715	74771.3	0			2894859	193881	2950000	6038746.24	
Details of Water Resources																	
133	2B1D7j2a	Lakahi	WHB02	3	15	3	27	28	746.8	454.2	1	MSN	33607	681	200000	234288.44	
134	2B1D7j2a	Lakahi	WHB01	3	15	3	27	306	8264.6	5026.1	1	MSN	371905	7539	200000	579443.88	
135	2B1D7j3a	Barhawa	WHB01	3	15	3	27	100	2687.2	1634.2	1	MSN	120923	2451	200000	323374.34	
Total								434	11698.6	7114.5	3		526435	10671	600000	1137106.66	
Details of Afforestation and Agro forestry																	
136	2B1D7j3a	Barhawa	AFL01					261								3120.00	
137	2B1D7j3a	Barhawa	AFL04					529								6360.00	
138	2B1D7j3a	Barhawa	AFL03					208								2490.00	
139	2B1D7j3a	Barhawa	AFL02					261								3120.00	
Total																15090.00	
Grand Total																	7190942.90

Name of Gram Panchayat : Bhadwar

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 Sqm	Dressing + Others	Outlets	Type of outlet	EW Cost (Rs.)	Sodding cost (Rs.)	Outlet cost (Rs.)	Total cost (Rs.)
Details of Soil Moisture measures																
1	2B1D7e3a	Bhadwar	CB04	0.45	2.25	0.6	0.81	84	68.3				2224	311		2534.61
2	2B1D7e3b	Bhadwar	CB01	0.45	2.25	0.6	0.81	127	103.1				3358	470		3827.48
3	2B1D7e3b	Bhadwar	CB02	0.45	2.25	0.6	0.81	140	113.2				3687	516		4203.19
4	2B1D7e3a	Bhadwar	CB01	0.45	2.25	0.6	0.81	184	149				4852	679		5531.16
5	2B1D7e3b	Bhadwar	CB03	0.45	2.25	0.6	0.81	119	96.5				3142	439		3581.12
6	2B1D7e3b	Bhadwar	CB04	0.45	2.25	0.6	0.81	165	133.6				4353	609		4961.30
7	2B1D7e3b	Bhadwar	CB05	0.45	2.25	0.6	0.81	193	156.7				5103	714		5816.75
8	2B1D7e3b	Bhadwar	CB06	0.45	2.25	0.6	0.81	96	77.7				2530	354		2884.27
9	2B1D7e3b	Bhadwar	CB07	0.45	2.25	0.6	0.81	154	124.9				4067	569		4636.08
10	2B1D7e3b	Bhadwar	CB08	0.45	2.25	0.6	0.81	149	120.4				3920	548		4468.49
11	2B1D7e3b	Bhadwar	CB09	0.45	2.25	0.6	0.81	178	144				4691	656		5347.51
12	2B1D7e3a	Bhadwar	CB03	0.45	2.25	0.6	0.81	231	186.8				6085	851		6936.09
13	2B1D7e3a	Bhadwar	CB05	0.45	2.25	0.6	0.81	391	316.7				10316	1443		11758.33
14	2B1D7e3a	Bhadwar	CB06	0.45	2.25	0.6	0.81	107	86.5				2817	394		3211.39
15	2B1D7e3a	Bhadwar	CB07	0.45	2.25	0.6	0.81	118	95.6				3113	435		3548.89
16	2B1D7e3a	Bhadwar	CB13	0.45	2.25	0.6	0.81	141	114.2				3721	520		4241.07
17	2B1D7e3a	Bhadwar	CB02	0.45	2.25	0.6	0.81	120	97.4				3173	444		3616.92
18	2B1D7e3a	Bhadwar	CB08	0.45	2.25	0.6	0.81	86	69.6				2268	317		2585.75
19	2B1D7e3a	Bhadwar	CB14	0.45	2.25	0.6	0.81	245	198.8				6474	906		7379.87
20	2B1D7e3a	Bhadwar	CB12	0.45	2.25	0.6	0.81	131	106.2				3457	484		3941.07
21	2B1D7e3a	Bhadwar	CB11	0.45	2.25	0.6	0.81	149	120.6				3927	549		4476.08
22	2B1D7e3a	Bhadwar	CB10	0.45	2.25	0.6	0.81	197	159.6				5198	727		5924.65
23	2B1D7e3a	Bhadwar	CB09	0.45	2.25	0.6	0.81	140	113				3681	515		4196.23
24	2B1D7e3a	Bhadwar	CB15	0.45	2.25	0.6	0.81	321	260.3				8480	1186		9665.57
25	2B1D7e2d	Bhadwar	ECD04	3	15	3	27	84	2266.5		1	MSN	118514	2068	150000	270581.11
26	2B1D7e3b	Bhadwar	ECD01	3	15	3	27	90	2422.8		1	MSN	126690	2210	150000	278900.30
27	2B1D7e3a	Bhadwar	MB02	3	4.5	1	3.75	276	1036.1		1	MSN	33745	3804	50000	87549.03
28	2B1D7e3a	Bhadwar	MB05	3	4.5	1	3.75	295	1105.9		1	MSN	36019	4061	50000	90079.37
29	2B1D7e3b	Bhadwar	MB01	3	4.5	1	3.75	191	717.7		1	MSN	23374	2635	50000	76009.09
30	2B1D7e3b	Bhadwar	MB02	3	4.5	1	3.75	316	1184.2		1	MSN	38568	4348	50000	92916.57
31	2B1D7e3a	Bhadwar	MB03	3	4.5	1	3.75	150	563.8		1	MSN	18363	2070	50000	70433.32
32	2B1D7e3a	Bhadwar	MB04	3	4.5	1	3.75	155	580.8		1	MSN	18918	2133	50000	71050.83
33	2B1D7e3a	Bhadwar	MB06	3	4.5	1	3.75	216	811.3		1	MSN	26423	2979	50000	79402.34
34	2B1D7e3b	Bhadwar	MB03	3	4.5	1	3.75	298	1118.1		1	MSN	36415	4106	50000	90520.64
35	2B1D7e3a	Bhadwar	MB01	3	4.5	1	3.75	1273	4774.4		3	MSN	155501	17531	150000	323032.50

36	2B1D7e3b	Bhadwar	MB05	3	4.5	1	3.75	143	535.7		1	MSN	17448	1967	50000	69415.38
37	2B1D7e3b	Bhadwar	MB04	3	4.5	1	3.75	338	1268.2		3	MSN	41305	4657	150000	195961.35
38	2B1D7e3b	Bhadwar	PB01	1	3.3	1	2.15	666	1432.8		3	HMP	46666	4048	60000	110714.76
Total								8457	23031	0			842586	73253	1110000	2025840.46
Details of Water Resources																
39	2B1D7e3b	Bhadwar	WHB02	3	15	3	27	154	4145.8	2521.2	1	MSN	186559	3782	200000	390340.65
40	2B1D7e3b	Bhadwar	WHB01	3	15	3	27	72	1957.4	1190.4	1	MSN	88083	1786	200000	289868.54
Total								226	6103.2	3711.6	2		274642	5568	400000	680209.19
Details of Afforestation and Agro forestry																
41	2B1D7e3a	Bhadwar	AFL02					531								6360.00
42	2B1D7e3b	Bhadwar	AFL02					432								5190.00
43	2B1D7e3b	Bhadwar	AFL01					183								2190.00
44	2B1D7e3a	Bhadwar	AFL01					89								1080.00
Total																14820.00
Grand Total																2720869.65

Name of Gram Panchayat : Ganeshpur

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 Sqm	Dressing + Others	Outlets	Type of outlet	EW Cost (Rs.)	Sodding cost (Rs.)	Outlet cost (Rs.)	Total cost (Rs.)
Details of Soil Moisture measures																
1	2B1D7e2d	Ganeshpur	CB08	0.45	2.25	0.6	0.81	169	136.8				4456	623		5078.71
2	2B1D7e2d	Ganeshpur	CB39	0.45	2.25	0.6	0.81	261	211.5				6888	963		7851.54
3	2B1D7e2d	Ganeshpur	CB01	0.45	2.25	0.6	0.81	95	76.7				2498	349		2847.54
4	2B1D7e2d	Ganeshpur	CB38	0.45	2.25	0.6	0.81	249	201.7				6568	919		7487.14
5	2B1D7e2d	Ganeshpur	CB37	0.45	2.25	0.6	0.81	265	214.9				7000	979		7978.70
6	2B1D7e2d	Ganeshpur	CB36	0.45	2.25	0.6	0.81	120	97.3				3168	443		3611.05
7	2B1D7e2d	Ganeshpur	CB35	0.45	2.25	0.6	0.81	121	97.8				3187	446		3632.20
8	2B1D7e2d	Ganeshpur	CB34	0.45	2.25	0.6	0.81	112	91.1				2966	415		3380.86
9	2B1D7e2c	Ganeshpur	CB09	0.45	2.25	0.6	0.81	125	101.2				3297	461		3757.74
10	2B1D7e2c	Ganeshpur	CB08	0.45	2.25	0.6	0.81	148	120				3909	547		4455.55
11	2B1D7e2c	Ganeshpur	CB07	0.45	2.25	0.6	0.81	161	130.4				4247	594		4840.68
12	2B1D7e2d	Ganeshpur	CB33	0.45	2.25	0.6	0.81	218	176.3				5741	803		6544.05
13	2B1D7e2d	Ganeshpur	CB51	0.45	2.25	0.6	0.81	197	159.4				5192	726		5917.78
14	2B1D7e2d	Ganeshpur	CB09	0.45	2.25	0.6	0.81	218	176.5				5749	804		6552.64
15	2B1D7e2d	Ganeshpur	CB40	0.45	2.25	0.6	0.81	314	254.1				8276	1158		9433.50
16	2B1D7e2c	Ganeshpur	CB06	0.45	2.25	0.6	0.81	239	193.6				6305	882		7186.57
17	2B1D7e2c	Ganeshpur	CB05	0.45	2.25	0.6	0.81	275	223				7262	1016		8278.06

18	2B1D7e2d	Ganeshpur	CB07	0.45	2.25	0.6	0.81	196	158.7				5168	723		5890.52
19	2B1D7e2d	Ganeshpur	CB06	0.45	2.25	0.6	0.81	228	184.8				6019	842		6860.57
20	2B1D7e2d	Ganeshpur	CB05	0.45	2.25	0.6	0.81	250	202.3				6588	921		7509.32
21	2B1D7e2d	Ganeshpur	CB04	0.45	2.25	0.6	0.81	278	225.5				7345	1027		8372.87
22	2B1D7e2d	Ganeshpur	CB03	0.45	2.25	0.6	0.81	396	320.4				10437	1460		11896.65
23	2B1D7e2d	Ganeshpur	CB02	0.45	2.25	0.6	0.81	343	277.5				9039	1264		10303.01
24	2B1D7e2c	Ganeshpur	CB04	0.45	2.25	0.6	0.81	360	291.4				9492	1328		10819.11
25	2B1D7e2c	Ganeshpur	CB03	0.45	2.25	0.6	0.81	377	305.6				9955	1392		11346.92
26	2B1D7e2c	Ganeshpur	CB02	0.45	2.25	0.6	0.81	373	301.9				9831	1375		11206.46
27	2B1D7e2c	Ganeshpur	CB01	0.45	2.25	0.6	0.81	359	290.8				9470	1325		10794.76
28	2B1D7e2d	Ganeshpur	CB10	0.45	2.25	0.6	0.81	238	192.8				6279	878		7157.08
29	2B1D7e2d	Ganeshpur	CB48	0.45	2.25	0.6	0.81	168	136.5				4445	622		5066.81
30	2B1D7e2c	Ganeshpur	CB10	0.45	2.25	0.6	0.81	361	292.5				9526	1332		10858.16
31	2B1D7e2c	Ganeshpur	CB11	0.45	2.25	0.6	0.81	347	281				9152	1280		10431.75
32	2B1D7e2d	Ganeshpur	CB41	0.45	2.25	0.6	0.81	348	281.5				9170	1283		10452.53
33	2B1D7e2c	Ganeshpur	CB12	0.45	2.25	0.6	0.81	407	329.6				10736	1502		12237.42
34	2B1D7e2d	Ganeshpur	CB45	0.45	2.25	0.6	0.81	356	288.7				9401	1315		10716.34
35	2B1D7e2d	Ganeshpur	CB46	0.45	2.25	0.6	0.81	339	274.6				8943	1251		10193.70
36	2B1D7e2d	Ganeshpur	CB47	0.45	2.25	0.6	0.81	330	267.6				8716	1219		9934.94
37	2B1D7e2d	Ganeshpur	CB49	0.45	2.25	0.6	0.81	326	264				8598	1203		9800.79
38	2B1D7e2d	Ganeshpur	CB50	0.45	2.25	0.6	0.81	128	103.9				3383	473		3855.74
39	2B1D7e2d	Ganeshpur	CB44	0.45	2.25	0.6	0.81	299	242				7883	1103		8985.68
40	2B1D7e2d	Ganeshpur	CB43	0.45	2.25	0.6	0.81	452	366.1				11925	1668		13593.50
41	2B1D7e2d	Ganeshpur	CB42	0.45	2.25	0.6	0.81	370	299.4				9750	1364		11113.60
42	2B1D7e2d	Ganeshpur	ECD03	3	15	3	27	43	1167.2		1	MSN	61033	1065	150000	212097.97
43	2B1D7e2c	Ganeshpur	MB02	3	4.5	1	3.75	644	2414.8		3	MSN	78650	8867	150000	237517.49
44	2B1D7e2d	Ganeshpur	MB01	3	4.5	1	3.75	385	1442.3		2	MSN	46974	5296	100000	152270.30
45	2B1D7e2c	Ganeshpur	MB01	3	4.5	1	3.75	554	2078.6		2	MSN	67702	7633	100000	175334.29
46	2B1D7e2c	Ganeshpur	MB03	3	4.5	1	3.75	361	1355.3		1	MSN	44142	4977	50000	99119.16
47	2B1D7e2c	Ganeshpur	PB06	1	3.3	1	2.15	389	835.8		2	HMP	27223	2362	40000	69584.36
48	2B1D7e2d	Ganeshpur	PB01	1	3.3	1	2.15	557	1196.8		2	HMP	38981	3382	40000	82362.60
49	2B1D7e2c	Ganeshpur	PB09	1	3.3	1	2.15	873	1876.4		4	HMP	61113	5302	80000	146415.23
50	2B1D7e2d	Ganeshpur	PB08	1	3.3	1	2.15	2274	4888.6		10	HMP	159223	13813	200000	373036.10
51	2B1D7e2c	Ganeshpur	PB07	1	3.3	1	2.15	208	446.6		1	HMP	14546	1262	20000	35807.53
52	2B1D7e2d	Ganeshpur	PB07	1	3.3	1	2.15	400	859.7		2	HMP	27999	2429	40000	70427.97
53	2B1D7e2c	Ganeshpur	PB05	1	3.3	1	2.15	376	807.8		2	HMP	26309	2282	40000	68591.70
54	2B1D7e2c	Ganeshpur	PB04	1	3.3	1	2.15	763	1641.4		4	HMP	53459	4638	80000	138097.19
55	2B1D7e2c	Ganeshpur	PB01	1	3.3	1	2.15	1254	2695.5		6	HMP	87793	7616	120000	215409.07
56	2B1D7e2c	Ganeshpur	PB03	1	3.3	1	2.15	856	1840.6		4	HMP	59949	5201	80000	145150.31
57	2B1D7e2c	Ganeshpur	PB02	1	3.3	1	2.15	315	677.3		1	HMP	22060	1914	20000	43973.50

58	2B1D7e2d	Ganeshpur	PB10	1	3.3	1	2.15	314	675.9		1	HMP	22013	1910	20000	43922.61
59	2B1D7e2d	Ganeshpur	PB09	1	3.3	1	2.15	344	738.7		1	HMP	24061	2087	20000	46148.38
60	2B1D7e2c	Ganeshpur	PB08	1	3.3	1	2.15	642	1380.7		3	HMP	44971	3901	60000	108872.37
Total								22468	37861.4	0			1256161	126215	1410000	2792370.68
Details of Water Resources																
61	2B1D7e2d	Ganeshpur	PND02						1074.9	0	2	HMP	46219		80000	128378.71
62	2B1D7e2d	Ganeshpur	PND01						1616.7	0	2	HMP	69517		80000	152637.19
Total								0	2691.6	0	4		115736	0	160000	281015.90
Details of Afforestation and Agro forestry																
63	2B1D7e2c	Ganeshpur	AFL02					194								2340.00
64	2B1D7e2c	Ganeshpur	AFL01					897								10770.00
65	2B1D7e2d	Ganeshpur	AFL11					350								4200.00
66	2B1D7e2d	Ganeshpur	AFL10					230								2760.00
67	2B1D7e2d	Ganeshpur	AFL09					575								6900.00
Total																26970.00
Grand Total																3100356.58

Name of Gram Panchayat : Garahwa

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 Sqm	Dressing + Others	Outlets	Type of outlet	EW Cost (Rs.)	Sodding cost (Rs.)	Outlet cost (Rs.)	Total cost (Rs.)
Details of Soil Moisture measures																
1	2B1D7e2d	Garahwa	CB22	0.45	2.25	0.6	0.81	238	192.8				6280	878		7158.69
2	2B1D7e2d	Garahwa	CB11	0.45	2.25	0.6	0.81	702	568.4				18512	2589		21101.36
3	2B1D7e2d	Garahwa	CB12	0.45	2.25	0.6	0.81	296	239.9				7814	1093		8906.74
4	2B1D7e2d	Garahwa	CB13	0.45	2.25	0.6	0.81	175	141.7				4615	645		5260.27
5	2B1D7e2d	Garahwa	CB14	0.45	2.25	0.6	0.81	955	773.2				25185	3523		28707.24
6	2B1D7e2d	Garahwa	CB15	0.45	2.25	0.6	0.81	145	117.2				3816	534		4349.36
7	2B1D7e2d	Garahwa	CB16	0.45	2.25	0.6	0.81	612	495.4				16136	2257		18392.61
8	2B1D7e2d	Garahwa	CB17	0.45	2.25	0.6	0.81	237	191.9				6250	874		7123.85
9	2B1D7e2d	Garahwa	CB18	0.45	2.25	0.6	0.81	828	670.9				21851	3056		24907.24
10	2B1D7e2d	Garahwa	CB19	0.45	2.25	0.6	0.81	695	562.9				18335	2565		20899.63
11	2B1D7e2d	Garahwa	CB21	0.45	2.25	0.6	0.81	274	222.3				7241	1013		8253.64
12	2B1D7e2d	Garahwa	CB23	0.45	2.25	0.6	0.81	244	197.6				6436	900		7336.51
13	2B1D7e2d	Garahwa	CB30	0.45	2.25	0.6	0.81	155	125.5				4087	572		4658.92
14	2B1D7e2d	Garahwa	CB20	0.45	2.25	0.6	0.81	333	269.5				8777	1228		10005.13
15	2B1D7e2d	Garahwa	CB31	0.45	2.25	0.6	0.81	184	149.2				4859	680		5538.92
16	2B1D7e2d	Garahwa	CB24	0.45	2.25	0.6	0.81	865	700.8				22824	3192		26016.75

17	2B1D7e2d	Garahwa	CB29	0.45	2.25	0.6	0.81	136	110.3				3591	502		4093.19
18	2B1D7e2d	Garahwa	CB28	0.45	2.25	0.6	0.81	136	110.1				3586	502		4088.00
19	2B1D7e2d	Garahwa	CB27	0.45	2.25	0.6	0.81	266	215.8				7029	983		8012.15
20	2B1D7e2d	Garahwa	CB26	0.45	2.25	0.6	0.81	310	250.7				8166	1142		9307.75
21	2B1D7e2d	Garahwa	CB25	0.45	2.25	0.6	0.81	352	285.3				9292	1300		10591.74
22	2B1D7e2d	Garahwa	CB32	0.45	2.25	0.6	0.81	314	254.5				8288	1159		9447.66
23	2B1D7e3b	Garahwa	ECD02	3	15	3	27	85	2291.4		1	MSN	119815	2090	150000	271905.25
24	2B1D7e2d	Garahwa	ECD01	3	15	3	27	98	2651.4		1	MSN	138642	2419	150000	291060.37
25	2B1D7e2d	Garahwa	ECD02	3	15	3	27	102	2742.5		1	MSN	143405	2502	150000	295906.27
26	2B1D7e2d	Garahwa	MB02	3	4.5	1	3.75	416	1561.9		2	MSN	50870	5735	100000	156605.07
27	2B1D7e2d	Garahwa	PB02	1	3.3	1	2.15	311	667.6		2	HMP	21745	1886	40000	63631.15
28	2B1D7e2d	Garahwa	PB06	1	3.3	1	2.15	677	1455.6		3	HMP	47410	4113	60000	111522.85
29	2B1D7e2d	Garahwa	PB05	1	3.3	1	2.15	1350	2902.4		4	HMP	94531	8201	80000	182732.17
30	2B1D7e2d	Garahwa	PB04	1	3.3	1	2.15	988	2124.2		4	HMP	69185	6002	80000	155186.84
31	2B1D7e2d	Garahwa	PB03	1	3.3	1	2.15	1103	2371.1		3	HMP	77228	6700	60000	143928.14
Total								13582	25614	0			985801	70835	870000	1926635.47
Details of Water Resources																
32	2B1D7d2a	Garahwa	WHB03	3	15	3	27	55	1477.8	898.7	1	MSN	66499	1348	200000	267846.97
33	2B1D7e2d	Garahwa	WHB04	3	15	3	27	24	652.2	396.6	1	MSN	29348	595	200000	229942.62
34	2B1D7d2a	Garahwa	WHB02	3	15	3	27	61	1659.7	1009.4	1	MSN	74688	1514	200000	276201.76
35	2B1D7d2a	Garahwa	WHB01	3	15	3	27	31	825.6	502.1	1	MSN	37153	753	200000	237905.99
36	2B1D7e2d	Garahwa	WHB03	3	15	3	27	126	3404.5	2070.4	1	MSN	153201	3106	200000	356306.65
37	2B1D7e2d	Garahwa	WHB02	3	15	3	27	30	801.4	487.4	1	MSN	36064	731	200000	236795.11
38	2B1D7e2d	Garahwa	WHB01	3	15	3	27	90	2432.8	1479.5	1	MSN	109477	2219	200000	311696.52
Total								417	11254	6844.1	7		506430	10266	1400000	1916695.61
Details of Afforestation and Agro forestry																
39	2B1D7e2d	Garahwa	AFL08					726								8700.00
40	2B1D7e2d	Garahwa	AFL07					620								7440.00
41	2B1D7e2d	Garahwa	AFL06					593								7110.00
42	2B1D7e2d	Garahwa	AFL05					185								2220.00
43	2B1D7e2d	Garahwa	AFL04					843								10110.00
44	2B1D7e2d	Garahwa	AFL03					133								1590.00
45	2B1D7e2d	Garahwa	AFL02					334								4020.00
46	2B1D7e2d	Garahwa	AFL01					384								4620.00
Total																45810.00
Grand Total																3889141.08

Name of Gram Panchayat : Gugauli

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 Sqm	Dressing + Others	Outlets	Type of outlet	EW Cost (Rs.)	Sodding cost (Rs.)	Outlet cost (Rs.)	Total cost (Rs.)	
Details of Soil Moisture measures																	
1	2B1D7j1b	Shankarpur	CB14	0.45	2.25	0.6	0.81	138	111.8					3642	509	4151.58	
2	2B1D7j1b	Shankarpur	CB01	0.45	2.25	0.6	0.81	263	213.3					6946	972	7917.43	
3	2B1D7j1b	Shankarpur	CB02	0.45	2.25	0.6	0.81	298	241.3					7860	1099	8959.87	
4	2B1D7j1b	Shankarpur	CB03	0.45	2.25	0.6	0.81	143	115.7					3769	527	4295.77	
5	2B1D7j1b	Shankarpur	CB04	0.45	2.25	0.6	0.81	235	190.5					6206	868	7074.18	
6	2B1D7j1b	Shankarpur	CB05	0.45	2.25	0.6	0.81	157	127.1					4138	579	4717.18	
7	2B1D7j1b	Shankarpur	CB06	0.45	2.25	0.6	0.81	228	184.5					6008	840	6848.81	
8	2B1D7j1b	Shankarpur	CB07	0.45	2.25	0.6	0.81	183	148.6					4839	677	5516.36	
9	2B1D7j1b	Shankarpur	CB08	0.45	2.25	0.6	0.81	177	143.2					4664	652	5316.51	
10	2B1D7j1b	Shankarpur	CB09	0.45	2.25	0.6	0.81	176	142.8					4652	651	5302.87	
11	2B1D7j1b	Shankarpur	CB10	0.45	2.25	0.6	0.81	247	200.1					6516	911	7427.64	
12	2B1D7j1b	Shankarpur	CB11	0.45	2.25	0.6	0.81	255	206.8					6737	942	7679.10	
13	2B1D7j1b	Shankarpur	CB13	0.45	2.25	0.6	0.81	100	81.1					2643	370	3012.53	
14	2B1D7j3d	Shankarpur	CB05	0.45	2.25	0.6	0.81	308	249.8					8135	1138	9272.55	
15	2B1D7j3d	Shankarpur	CB09	0.45	2.25	0.6	0.81	250	202.9					6607	924	7530.98	
16	2B1D7j3d	Shankarpur	CB08	0.45	2.25	0.6	0.81	87	70.4					2294	321	2614.42	
17	2B1D7j3d	Shankarpur	CB07	0.45	2.25	0.6	0.81	156	126.6					4125	577	4701.49	
18	2B1D7j1b	Shankarpur	CB12	0.45	2.25	0.6	0.81	239	193.6					6306	882	7188.49	
19	2B1D7j3d	Shankarpur	CB06	0.45	2.25	0.6	0.81	395	320					10421	1458	11878.71	
20	2B1D7j3a	Shankarpur	CB40	0.45	2.25	0.6	0.81	171	138.9					4522	633	5154.92	
21	2B1D7j3a	Shankarpur	CB39	0.45	2.25	0.6	0.81	288	233.6					7608	1064	8672.69	
22	2B1D7j3d	Shankarpur	CB04	0.45	2.25	0.6	0.81	299	242.2					7889	1103	8992.90	
23	2B1D7j3d	Shankarpur	CB03	0.45	2.25	0.6	0.81	241	195.4					6366	890	7256.10	
24	2B1D7j3d	Shankarpur	CB02	0.45	2.25	0.6	0.81	205	165.8					5399	755	6154.70	
25	2B1D7j3d	Shankarpur	CB01	0.45	2.25	0.6	0.81	192	155.5					5066	709	5774.88	
26	2B1D7j3a	Shankarpur	ECD02	3	15	3	27	210	5670					296484	5172	301656.61	
27	2B1D7j3a	Shankarpur	ECD01	3	15	3	27	158	4276					223595	3901	227495.31	
28	2B1D7j1b	Shankarpur	MB01	3	4.5	1	3.75	108	406.3					13232	1492	14723.80	
29	2B1D7j1b	Shankarpur	PB01	1	3.3	1	2.15	466	1001.6		2	HMP	32623	2830	40000	75453.54	
Total								6373	15755.4	0				709292	33446	40000	782741.90
Details of Water Resources																	
Total								0	0	0	0		0	0	0	0.00	
Details of Afforestation and Agro forestry																	
30	2B1D7j3a	Shankarpur	AFL05					379								4560.00	
31	2B1D7j3d	Shankarpur	AFL02					484								5820.00	

32	2B1D7j3d	Shankarpur	AFL01					284									3420.00
33	2B1D7j1b	Shankarpur	AFL03					337									4050.00
34	2B1D7j1b	Shankarpur	AFL02					202									2430.00
35	2B1D7j1b	Shankarpur	AFL01					173									2070.00
Total																	22350.00
Grand Total																	805091.90

Name of Gram Panchayat : Katkuiyan

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 Sqm	Dressing + Others	Outlets	Type of outlet	EW Cost (Rs.)	Sodding cost (Rs.)	Outlet cost (Rs.)	Total cost (Rs.)
Details of Soil Moisture measures																
1	2B1D7i1b	Katkuiyan	CB22	0.45	2.25	0.6	0.81	263	212.8				6931	969		7900.50
2	2B1D7h2b	Katkuiyan	CB02	0.45	2.25	0.6	0.81	181	146.5				4772	668		5439.89
3	2B1D7i1b	Katkuiyan	CB25	0.45	2.25	0.6	0.81	321	260.2				8475	1185		9660.94
4	2B1D7i1b	Katkuiyan	CB24	0.45	2.25	0.6	0.81	368	298.3				9715	1359		11074.33
5	2B1D7i1b	Katkuiyan	CB15	0.45	2.25	0.6	0.81	145	117.5		1	MSN	3828	535		4363.98
6	2B1D7i1b	Katkuiyan	CB23	0.45	2.25	0.6	0.81	344	278.4				9068	1268		10336.86
7	2B1D7i1b	Katkuiyan	CB16	0.45	2.25	0.6	0.81	228	184.4		1	MSN	6006	840		6845.63
8	2B1D7h2b	Katkuiyan	CB03	0.45	2.25	0.6	0.81	169	137.3				4472	625		5096.94
9	2B1D7i1b	Katkuiyan	CB17	0.45	2.25	0.6	0.81	274	222.3				7241	1013		8253.64
10	2B1D7i1b	Katkuiyan	CB14	0.45	2.25	0.6	0.81	244	197.7				6438	901		7339.01
11	2B1D7i1b	Katkuiyan	CB21	0.45	2.25	0.6	0.81	302	244.3				7957	1113		9069.42
12	2B1D7i1b	Katkuiyan	CB20	0.45	2.25	0.6	0.81	399	322.8				10515	1471		11985.50
13	2B1D7i1b	Katkuiyan	CB19	0.45	2.25	0.6	0.81	183	147.9				4817	674		5491.25
14	2B1D7i1b	Katkuiyan	CB18	0.45	2.25	0.6	0.81	411	333.1				10850	1518		12367.13
15	2B1D7i1b	Katkuiyan	CRB02	3	4.5	0.8	3	406	1218.5		1	HMP	39686	5593	30000	75279.21
16	2B1D7i1b	Katkuiyan	ECD01	3	15	3	27	105	2835		1	MSN	148242	2586	150000	300828.23
17	2B1D7i1b	Katkuiyan	PB05	1	3.3	1	2.15	1993	4286		4	HMP	139594	12110	80000	231704.39
18	2B1D7i1b	Katkuiyan	PB06	1	3.3	1	2.15	1278	2747.9		2	HMP	89499	7764	40000	137263.67
19	2B1D7i1b	Katkuiyan	PB04	1	3.3	1	2.15	443	952		1	HMP	31007	2690	20000	53697.10
Total								8057	15142.9	0			549113	44882	320000	913997.61
Details of Water Resources																
20	2B1D7i1b	Katkuiyan	WHD02	3	15	3	27	76	2051.5	1247.6	1	MSN	92319	1871	200000	294190.45
Total								76	2051.5	1247.6	1		92319	1871	200000	294190.45
Details of Afforestation and Agro forestry																
21	2B1D7i1b	Katkuiyan	AFL09					227								2730.00
22	2B1D7i1b	Katkuiyan	AFL08					496								5940.00

23	2B1D7i1b	Katkuiyan	AFL07					346									4140.00
24	2B1D7i1b	Katkuiyan	AFL06					196									2340.00
25	2B1D7i1b	Katkuiyan	AFL05					505									6060.00
26	2B1D7i1b	Katkuiyan	AFL04					360									4320.00
Total																	25530.00
Grand Total																	1233718.06

Name of Gram Panchayat : Lambi Kohal

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 Sqm	Dressing + Others	Outlets	Type of outlet	EW Cost (Rs.)	Sodding cost (Rs.)	Outlet cost (Rs.)	Total cost (Rs.)
Details of Soil Moisture measures																
1	2B1D7i2e	Lambi Kohal	CB03	0.45	2.25	0.6	0.81	80	64.7					2106	295	2400.20
2	2B1D7i1b	Lambi Kohal	CB28	0.45	2.25	0.6	0.81	108	87.7					2855	399	3254.50
3	2B1D7i1b	Lambi Kohal	CB26	0.45	2.25	0.6	0.81	211	170.5					5554	777	6331.07
4	2B1D7i1b	Lambi Kohal	CB27	0.45	2.25	0.6	0.81	83	67.2					2187	306	2492.99
5	2B1D7i2a	Lambi Kohal	CB03	0.45	2.25	0.6	0.81	175	141.8					4618	646	5264.35
6	2B1D7i2e	Lambi Kohal	CB11	0.45	2.25	0.6	0.81	117	94.4					3074	430	3503.55
7	2B1D7i2a	Lambi Kohal	CB10	0.45	2.25	0.6	0.81	174	140.8					4587	642	5228.17
8	2B1D7i2e	Lambi Kohal	CB10	0.45	2.25	0.6	0.81	115	93.1					3033	424	3457.67
9	2B1D7i2e	Lambi Kohal	CB02	0.45	2.25	0.6	0.81	110	88.8					2893	405	3297.26
10	2B1D7i2d	Bharpurwa	CB09	0.45	2.25	0.6	0.81	158	128.2					4177	584	4761.06
11	2B1D7i2e	Lambi Kohal	CB04	0.45	2.25	0.6	0.81	161	130.4					4247	594	4840.64
12	2B1D7i2e	Lambi Kohal	CB05	0.45	2.25	0.6	0.81	127	102.5					3338	467	3804.85
13	2B1D7i2e	Lambi Kohal	CB06	0.45	2.25	0.6	0.81	125	101.4					3304	462	3766.11
14	2B1D7j2a	Bharpurwa	CB01	0.45	2.25	0.6	0.81	606	491.3					16000	2238	18238.03
15	2B1D7i2e	Lambi Kohal	CB08	0.45	2.25	0.6	0.81	52	42.1					1373	192	1564.75
16	2B1D7i2a	Lambi Kohal	CB04	0.45	2.25	0.6	0.81	243	197.1					6420	898	7318.00

17	2B1D7i2a	Lambi Kohal	CB05	0.45	2.25	0.6	0.81	55	44.3				1444	202		1645.42
18	2B1D7i2e	Lambi Kohal	CB01	0.45	2.25	0.6	0.81	100	80.8				2632	368		3000.03
19	2B1D7j2a	Bharpurwa	CB09	0.45	2.25	0.6	0.81	159	128.8				4194	587		4781.18
20	2B1D7j2a	Bharpurwa	CB02	0.45	2.25	0.6	0.81	198	160.4				5225	731		5956.29
21	2B1D7j2a	Bharpurwa	CB03	0.45	2.25	0.6	0.81	175	141.7				4616	646		5262.13
22	2B1D7j2a	Bharpurwa	CB04	0.45	2.25	0.6	0.81	144	116.2				3786	530		4315.35
23	2B1D7i2d	Bharpurwa	CB01	0.45	2.25	0.6	0.81	140	113.8				3706	518		4224.53
24	2B1D7i2d	Bharpurwa	CB02	0.45	2.25	0.6	0.81	165	133.3				4341	607		4948.13
25	2B1D7j2a	Bharpurwa	CB05	0.45	2.25	0.6	0.81	341	276.6				9008	1260		10267.75
26	2B1D7j2a	Bharpurwa	CB06	0.45	2.25	0.6	0.81	72	58.6				1910	267		2176.85
27	2B1D7i2a	Lambi Kohal	CB02	0.45	2.25	0.6	0.81	80	64.7				2107	295		2401.49
28	2B1D7j2a	Bharpurwa	CB08	0.45	2.25	0.6	0.81	380	307.8				10024	1402		11426.25
29	2B1D7i2a	Lambi Kohal	CB01	0.45	2.25	0.6	0.81	75	61.2				1992	279		2270.36
30	2B1D7i2d	Bharpurwa	CB03	0.45	2.25	0.6	0.81	373	302.2				9843	1377		11219.91
31	2B1D7i2d	Bharpurwa	CB04	0.45	2.25	0.6	0.81	177	143.4				4672	653		5325.42
32	2B1D7i2d	Bharpurwa	CB05	0.45	2.25	0.6	0.81	147	119.5				3891	544		4435.52
33	2B1D7i2d	Bharpurwa	CB06	0.45	2.25	0.6	0.81	422	342.1				11143	1559		12701.81
34	2B1D7i2d	Bharpurwa	CB07	0.45	2.25	0.6	0.81	418	338.6				11028	1542		12570.58
35	2B1D7i2d	Bharpurwa	CB08	0.45	2.25	0.6	0.81	182	147.6				4808	673		5480.62
36	2B1D7i2e	Lambi Kohal	CB09	0.45	2.25	0.6	0.81	105	85.4				2782	389		3170.63
37	2B1D7j2a	Bharpurwa	CB07	0.45	2.25	0.6	0.81	63	51				1660	232		1892.70
38	2B1D7i2a	Lambi Kohal	CB08	0.45	2.25	0.6	0.81	227	183.6				5980	836		6816.38
39	2B1D7i2a	Lambi Kohal	CB11	0.45	2.25	0.6	0.81	133	107.7				3508	491		3998.85
40	2B1D7i1b	Lambi Kohal	CB39	0.45	2.25	0.6	0.81	159	128.9				4197	587		4784.46
41	2B1D7i2e	Lambi Kohal	CB07	0.45	2.25	0.6	0.81	110	89.3				2908	407		3314.92
42	2B1D7i2e	Lambi Kohal	CB16	0.45	2.25	0.6	0.81	112	90.4				2943	412		3354.38
43	2B1D7i2e	Lambi Kohal	CB15	0.45	2.25	0.6	0.81	90	73				2379	333		2711.41
44	2B1D7i2e	Lambi Kohal	CB19	0.45	2.25	0.6	0.81	100	80.9				2636	369		3005.25
45	2B1D7i1b	Pranpur	CB46	0.45	2.25	0.6	0.81	146	118.4				3855	539		4394.18
46	2B1D7i2a	Lambi Kohal	CB09	0.45	2.25	0.6	0.81	236	191.3				6232	872		7103.17
47	2B1D7i1b	Lambi Kohal	CB38	0.45	2.25	0.6	0.81	101	82				2669	373		3042.72

48	2B1D7i2e	Lambi Kohal	CB20	0.45	2.25	0.6	0.81	80	64.9				2113	296		2408.53
49	2B1D7i2a	Lambi Kohal	CB07	0.45	2.25	0.6	0.81	144	116.6				3799	531		4329.93
50	2B1D7i2a	Lambi Kohal	CB16	0.45	2.25	0.6	0.81	79	64.3				2094	293		2387.20
51	2B1D7i2a	Lambi Kohal	CB06	0.45	2.25	0.6	0.81	291	236.1				7688	1075		8763.52
52	2B1D7i2e	Lambi Kohal	CB14	0.45	2.25	0.6	0.81	111	89.5				2915	408		3323.01
53	2B1D7i2e	Lambi Kohal	CB13	0.45	2.25	0.6	0.81	37	29.8				971	136		1107.27
54	2B1D7i2e	Lambi Kohal	CB12	0.45	2.25	0.6	0.81	216	175				5700	797		6496.76
55	2B1D7i2a	Lambi Kohal	CB15	0.45	2.25	0.6	0.81	170	137.4				4474	626		5099.92
56	2B1D7i1b	Lambi Kohal	CB32	0.45	2.25	0.6	0.81	174	141.2				4598	643		5241.34
57	2B1D7i2a	Lambi Kohal	CB12	0.45	2.25	0.6	0.81	175	141.9				4622	647		5268.92
58	2B1D7i2a	Lambi Kohal	CB13	0.45	2.25	0.6	0.81	124	100.1				3262	456		3718.12
59	2B1D7i2a	Lambi Kohal	CB14	0.45	2.25	0.6	0.81	148	119.5				3893	545		4437.87
60	2B1D7i1b	Lambi Kohal	CB29	0.45	2.25	0.6	0.81	141	114.2				3720	520		4240.88
61	2B1D7i1b	Lambi Kohal	CB30	0.45	2.25	0.6	0.81	146	118				3844	538		4381.88
62	2B1D7i2e	Lambi Kohal	CB18	0.45	2.25	0.6	0.81	208	168.3				5482	767		6248.28
63	2B1D7i2e	Lambi Kohal	CB17	0.45	2.25	0.6	0.81	90	72.9				2375	332		2707.23
64	2B1D7i1b	Lambi Kohal	CB40	0.45	2.25	0.6	0.81	163	131.8				4292	600		4892.06
65	2B1D7i1b	Lambi Kohal	CB31	0.45	2.25	0.6	0.81	196	158.8				5171	723		5894.77
66	2B1D7i1b	Pranpur	CB45	0.45	2.25	0.6	0.81	88	71.7				2335	327		2661.30
67	2B1D7i1b	Lambi Kohal	CB33	0.45	2.25	0.6	0.81	131	106.3				3462	484		3946.42
68	2B1D7i1b	Lambi Kohal	CB34	0.45	2.25	0.6	0.81	102	82.9				2700	378		3078.20
69	2B1D7i1b	Lambi Kohal	CB35	0.45	2.25	0.6	0.81	174	140.7				4581	641		5221.83
70	2B1D7i1b	Pranpur	CB44	0.45	2.25	0.6	0.81	155	125.3				4082	571		4652.39
71	2B1D7i1b	Lambi Kohal	CB37	0.45	2.25	0.6	0.81	159	129.1				4203	588		4791.25
72	2B1D7i1b	Lambi	CB36	0.45	2.25	0.6	0.81	157	127.6				4154	581		4735.43

		Kohal															
73	2B1D7j2a	Bharpurwa	ECD01	3	15	3	27	106	2868.2		1	MSN	149980	2616	150000	302596.58	
74	2B1D7i2d	Bharpurwa	MB01	3	4.5	1	3.75	650	2436.1				79343	8945		88287.73	
75	2B1D7i1b	Pranpur	MB04	3	4.5	1	3.75	758	2842.6		1	MSN	92583	10438	50000	153021.09	
76	2B1D7j2c	Bharpurwa	MB01	3	4.5	1	3.75	641	2403.6				78284	8826		87110.33	
77	2B1D7i2e	Bharpurwa	MB01	3	4.5	1	3.75	508	1904.9				62041	6995		69035.76	
78	2B1D7i2d	Bharpurwa	MB02	3	4.5	1	3.75	321	1204.8				39239	4424		43663.00	
79	2B1D7j2a	Bharpurwa	MB01	3	4.5	1	3.75	339	1271.9				41427	4671		46097.76	
80	2B1D7i2e	Lambi Kohal	MB02	3	4.5	1	3.75	60	225.9				7357	829		8186.25	
81	2B1D7i2a	Lambi Kohal	PB05	1	3.3	1	2.15	256	550.2		1	HMP	17920	1555	20000	39474.82	
82	2B1D7i1b	Lambi Kohal	PB09	1	3.3	1	2.15	296	635.8		1	HMP	20708	1796	20000	42504.45	
83	2B1D7i2a	Lambi Kohal	PB11	1	3.3	1	2.15	252	541.3		1	HMP	17631	1530	20000	39160.66	
84	2B1D7i2e	Lambi Kohal	PB01	1	3.3	1	2.15	139	299.9		1	HMP	9766	847	20000	30613.52	
85	2B1D7i2d	Lambi Kohal	PB02	1	3.3	1	2.15	191	410.6		1	HMP	13372	1160	20000	34531.83	
86	2B1D7i2d	Lambi Kohal	PB01	1	3.3	1	2.15	266	572.8		1	HMP	18656	1618	20000	40274.34	
87	2B1D7i2a	Lambi Kohal	PB10	1	3.3	1	2.15	393	845.9		2	HMP	27552	2390	40000	69941.77	
88	2B1D7i2a	Lambi Kohal	PB09	1	3.3	1	2.15	483	1039.1		2	HMP	33842	2936	40000	76778.19	
89	2B1D7i2a	Lambi Kohal	PB03	1	3.3	1	2.15	466	1001.8		2	HMP	32627	2831	40000	75457.65	
90	2B1D7i2a	Lambi Kohal	PB07	1	3.3	1	2.15	325	698.8		2	HMP	22760	1974	40000	64734.03	
91	2B1D7j2a	Bharpurwa	PB01	1	3.3	1	2.15	1473	3166.3		4	HMP	103125	8947	80000	192071.79	
92	2B1D7i1b	Lambi Kohal	PB08	1	3.3	1	2.15	782	1682.1		4	HMP	54786	4753	80000	139538.44	
93	2B1D7i2a	Lambi Kohal	PB06	1	3.3	1	2.15	438	941.9		2	HMP	30678	2661	40000	73339.09	
94	2B1D7i2a	Lambi Kohal	PB12	1	3.3	1	2.15	74	159.8			HMP	5203	451		5654.79	
95	2B1D7i2a	Lambi Kohal	PB04	1	3.3	1	2.15	633	1360.5		2	HMP	44311	3844	40000	88155.60	
96	2B1D7i2a	Lambi Kohal	PB02	1	3.3	1	2.15	299	642.6		2	HMP	20931	1816	40000	62746.79	
97	2B1D7i1b	Lambi Kohal	PB07	1	3.3	1	2.15	222	477.8		1	HMP	15560	1350	20000	36910.33	
98	2B1D7i2a	Lambi Kohal	PB01	1	3.3	1	2.15	366	787.1		2	HMP	25635	2224	40000	67858.56	
99	2B1D7i2a	Lambi	PB08	1	3.3	1	2.15	933	2004.9		2	HMP	65300	5665	40000	110965.35	

		Kohal														
Total								23359	42446.6	0			1439032	141234	860000	2440266.68
Details of Water Resources																
100	2B1D7i2a	Lambi Kohal	WHB01	3	15	3	27	172	4643.8	2824.1	1	MSN	208972	4236	200000	413207.82
101	2B1D7i1b	Lambi Kohal	WHB03	3	15	3	27	96	2596.8	1579.2	1	MSN	116855	2369	200000	319223.88
Total								268	7240.6	4403.3	2		325827	6605	400000	732431.70
Details of Afforestation and Agro forestry																
102	2B1D7i2e	Lambi Kohal	AFL03					123								1470.00
103	2B1D7i2e	Lambi Kohal	AFL02					133								1590.00
104	2B1D7i2e	Lambi Kohal	AFL01					129								1560.00
Total																4620.00
Grand Total																3177318.38

Name of Gram Panchayat : Newalganj

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 Sqm	Dressing + Others	Outlets	Type of outlet	EW Cost (Rs.)	Sodding cost (Rs.)	Outlet cost (Rs.)	Total cost (Rs.)
Details of Soil Moisture measures																
1	2B1D7h2b	Newalganj	CB12	0.45	2.25	0.6	0.81	410	331.8				10808	1512		12320.01
2	2B1D7h2b	Newalganj	CB16	0.45	2.25	0.6	0.81	214	173				5635	788		6422.70
3	2B1D7h2b	Newalganj	CB09	0.45	2.25	0.6	0.81	69	56.1				1829	256		2084.52
4	2B1D7h2b	Newalganj	CB15	0.45	2.25	0.6	0.81	238	192.6				6273	877		7150.33
5	2B1D7h2b	Newalganj	CB14	0.45	2.25	0.6	0.81	363	293.8				9570	1339		10908.69
6	2B1D7h2b	Newalganj	CB13	0.45	2.25	0.6	0.81	431	349.2				11373	1591		12963.42
7	2B1D7i1b	Newalganj	CB41	0.45	2.25	0.6	0.81	200	161.9				5272	737		6009.25
8	2B1D7h2b	Newalganj	CB10	0.45	2.25	0.6	0.81	78	63.3				2061	288		2349.67
9	2B1D7i1b	Newalganj	CB43	0.45	2.25	0.6	0.81	225	182.1				5932	830		6761.21
10	2B1D7h2b	Newalganj	CB04	0.45	2.25	0.6	0.81	326	264.1				8600	1203		9803.17
11	2B1D7h2b	Newalganj	CB05	0.45	2.25	0.6	0.81	147	119.2				3883	543		4425.98
12	2B1D7h2b	Newalganj	CB06	0.45	2.25	0.6	0.81	337	273				8890	1243		10133.78
13	2B1D7h2b	Newalganj	CB07	0.45	2.25	0.6	0.81	407	329.7				10738	1502		12239.48
14	2B1D7h2b	Newalganj	CB11	0.45	2.25	0.6	0.81	138	112				3649	510		4159.62
15	2B1D7h2b	Newalganj	CB08	0.45	2.25	0.6	0.81	253	204.7				6668	933		7600.44
16	2B1D7i1b	Newalganj	CB42	0.45	2.25	0.6	0.81	106	85.6				2788	390		3178.19

17	2B1D7i2a	Newalganj	ECD01	3	15	3	27	264	7128		1	MSN	372723	6502	150000	529225.45
18	2B1D7i2a	Newalganj	MB01	3	4.5	1	3.75	94	351.7			MSN	11455	1292		12746.96
19	2B1D7i1b	Newalganj	MB01	3	4.5	1	3.75	317	1190.6		1	MSN	38776	4372	50000	93148.07
20	2B1D7i1b	Newalganj	MB02	3	4.5	1	3.75	90	337.5				10994	1239		12233.37
21	2B1D7i1b	Newalganj	MB03	3	4.5	1	3.75	63	235.1				7658	863		8521.34
22	2B1D7h2b	Newalganj	PB09	1	3.3	1	2.15	465	999.6		2	HMP	32556	2824	40000	75380.64
23	2B1D7h2b	Newalganj	PB08	1	3.3	1	2.15	1277	2745.5		3	HMP	89421	7758	60000	157178.40
24	2B1D7h2b	Newalganj	PB07	1	3.3	1	2.15	462	992.7		2	HMP	32333	2805	40000	75138.08
25	2B1D7i1b	Newalganj	PB11	1	3.3	1	2.15	999	2146.9		2	HMP	69925	6066	40000	115990.91
26	2B1D7h2b	Newalganj	PB06	1	3.3	1	2.15	472	1015.2		1	HMP	33066	2869	20000	55934.10
27	2B1D7h2b	Newalganj	PB05	1	3.3	1	2.15	517	1111.9		1	HMP	36215	3142	20000	59357.27
28	2B1D7i1b	Newalganj	PB12	1	3.3	1	2.15	186	400.1		1	HMP	13031	1131	20000	34161.84
29	2B1D7h2b	Newalganj	PB04	1	3.3	1	2.15	327	703		1	HMP	22897	1986	20000	44883.33
30	2B1D7i1b	Newalganj	PB10	1	3.3	1	2.15	673	1447.3		1	HMP	47137	4089	20000	71226.56
Total								10148	23997.2	0			922156	61480	480000	1463636.78
Details of Water Resources																
31	2B1D7i1b	Newalganj	WHB04	3	15	3	27	102	2750.1	1672.5	1	MSN	123756	2509	200000	326264.33
Total								102	2750.1	1672.5	1		123756	2509	200000	326264.33
Details of Afforestation and Agro forestry																
32	2B1D7i1b	Newalganj	AFL10						387							4650.00
33	2B1D7i2a	Newalganj	AFL02						346							4140.00
34	2B1D7i2a	Newalganj	AFL01						198							2370.00
35	2B1D7h2b	Newalganj	AFL03						328							3930.00
36	2B1D7h2b	Newalganj	AFL02						206							2460.00
Total																17550.00
Grand Total																1807451.11

ANNEXURE-II
Contribution to Watershed Development Fund (WDF)

Name of Gram Panchayat :Bardaulia

Beneficiary wise details of Proposed / Planned Watershed Development Activities

S.No	MWS Code	Village	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
1	2B1D7h2b	Gajrahwā	AFL01	3	1.128	1.128	4500.000	225
2			CB01	31	1.300	0.747	4761.085	137
3				40		0.415		76
4				P		0.138		25
5			MB01	25	2.193	0.155	83415.474	294
6				29		1.143		2174
7				32		0.283		539
8				33		0.422		802
9				34		0.191		362
10			PB01	10	4.644	1.933	43835.244	912
11				11		0.066		31
12				14		0.842		397
13				17		0.891		421
14				7		0.215		101
15				P		0.245		116
16				P		0.452		213
17			PB02	41	2.252	0.218	59125.258	286
18				45		0.547		717
19				48		0.507		665
20				50		0.981		1287
21			PB03	1	3.349	2.606	35052.929	1364
22				4		0.743		389
23	2B1D7i1b		AFL01	47	1.038	1.038	3630.000	182
24			AFL02	64	0.513	0.513	3060.000	153

S.No	MWS Code	Village	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
25			AFL03	132	0.656	0.656	4680.000	234
26			CB01	109	0.836	0.836	7710.192	386
27			CB02	113	0.958	0.958	9385.935	469
28			CB03	115	1.632	1.632	10159.259	508
29			CB04	137	1.511	1.511	7536.709	377
30			CB05	143	0.825	0.825	7489.835	374
31			CB06	152	2.435	1.375	8043.546	227
32				161		1.060		175
33			CB09	52	1.181	1.181	4223.864	211
34			CB10	49	0.696	0.696	5308.585	265
35			CB11	117	2.069	2.069	5593.125	280
36			CB12	125	1.016	1.016	4324.060	216
37			CB13	125	1.012	1.012	3885.762	194
38			CRB01	160	0.169	0.169	72260.506	3613
39			PB01	327	1.895	0.301	154159.818	1226
40				331		0.622		2532
41				334		0.207		844
42				335		0.737		2999
43				340		0.016		65
44				341		0.011		43
45			PB02	P	0.791	0.791	20893.590	1045
46			PB03	180	84.252	11.804	47890.928	335
47				182		0.195		6
48				183		0.345		10
49				184		0.475		14
50				188		71.433		2030
51			WHB01	170	14.979	5.883	306572.070	6021
52				173		0.080		82
53				174		0.054		56
54				177		0.341		349

S.No	MWS Code	Village	Name of Work	Khasara No.	Total Benifited area	Plot Area	Total Cost	WDF
55				28		0.667		682
56				29		0.863		883
57				65		1.406		1439
58				66		1.610		1648
59				67		0.069		70
60				67		0.608		622
61				68		0.376		385
62				77		0.582		596
63				80		1.725		1766
64				P		0.018		19
65				P		0.024		25
66				P		0.061		62
67				P		0.068		69
68				P		0.084		86
69				P		0.459		469
			G. Total		133.331		917497.774	32712

Note : WDF contribution has been calculated @5% proportionate 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
Unit Cost Masonary Outlet (Rs.)	0.05
PLength%	10
PWidth%	10
PDepth%	15
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	7000
CRB	Hume Pipe	HMP	30000
ECD	Masonry	MSN	150000
FB	Chute	CHT	2000
GP	Masonry	MSN	15000
MB	Masonry	MSN	50000
PB	Hume Pipe	HMP	20000
PND	Hume Pipe	HMP	40000
SMB	Hume Pipe	HMP	30000
WHB	Masonry	MSN	200000

Type of Structure	Soil Type	Soil	Unit	EW	Rate	Top	Base	Height	Side_Slope	CS
CB	Clay Loam	Hard soil	cum	2.745	36.43	0.45	2.25	0.6	1.0:1	0.81
CD	Sandy Loam	Normal Soil	cum	2.85	35.09	1	1	1.5	1.5:1	1.5
CRB	Sandy Loam	Normal Soil	cum	2.745	36.43	3	4.5	0.8	1.5:1	3
ECD	Sandy Loam	Normal Soil	cum	2.125	45	3	15	3	2:01	27
MB	Clay Loam	Hard Soil	cum	2.745	36.43	0.6	3.6	1	1.5:1	2.1
PB	Clay Loam	Hard Soil	cum	2.745	36.43	0.6	3.6	1	1.5:1	2.1
PND	Sandy Loam	Normal Soil	cum	3	33.33					
WHD	Clay Loam	Hard Soil	cum	1.9125	52.29	3	15	3	2:01	27

Abbreviations :

S. No.	Abbreviations	Description
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	Masonry Outlet
19	STN	Stone Outlet
20	CHT	Chute Outlet
21	DSW	Drop Spillway Outlet