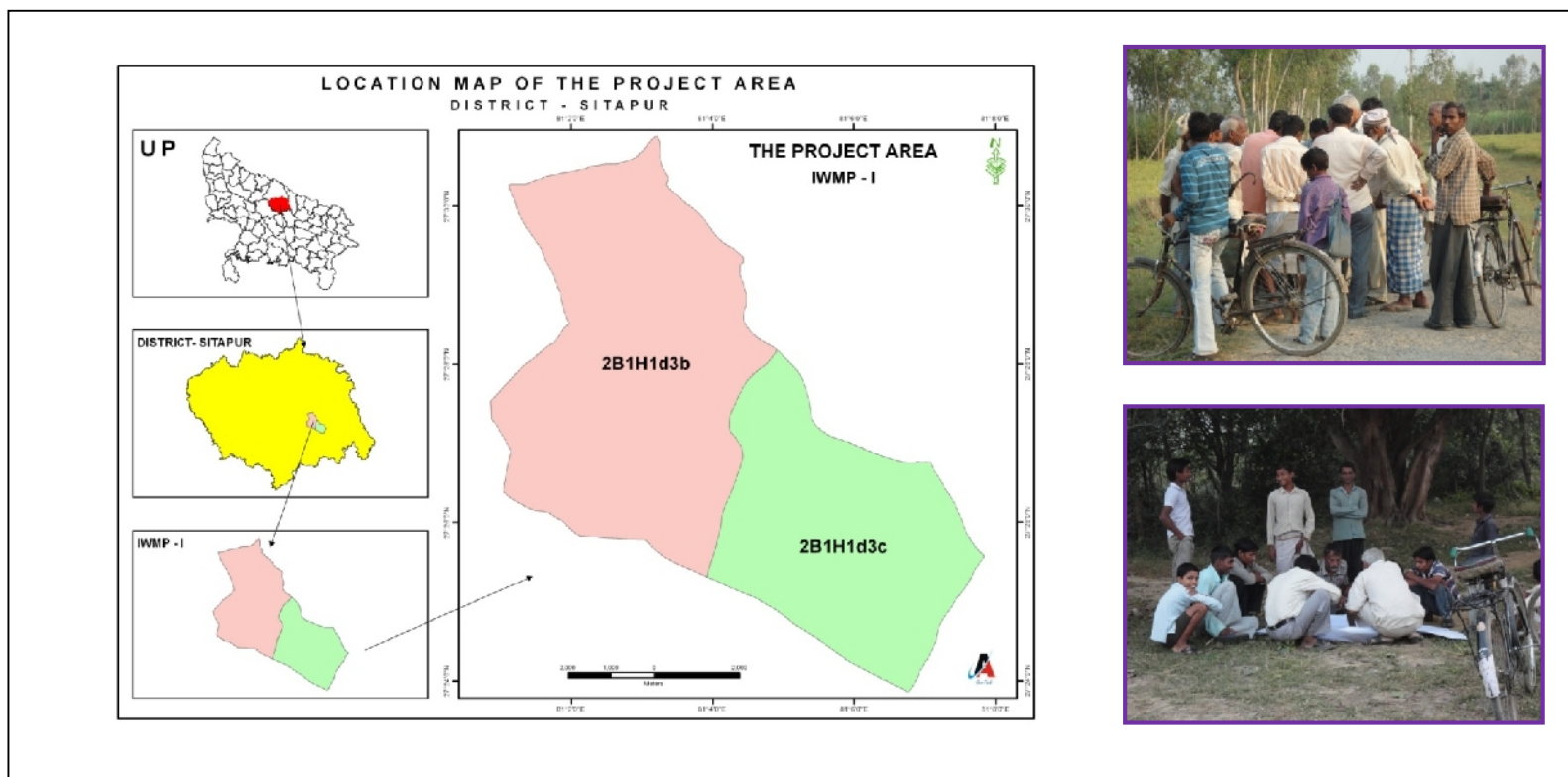


DETAILED PROJECT REPORTS (DPR)

I.W.M.P. Ist. SITAPUR {U.P.}

INTEGRATED WATERSHED MANAGEMENT PROGRAMME {IWMP}

(Year-2009-10)



Submitted to:

Land and Water Resource
Dept. U.P.



Submitted by:

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PROJECT AT A GLANCE		
1	Name of Project	I.W.M.P. Ist
2	Name of Block(s)	Bishwa,Pahla, Mahmoodabad
3	Name of District	Sitapur
4	Name of State	Uttar Pradesh
	Region	Ganga
	Basin	Upper Ganga
	Catchment	Ganga to Gomti
5	Name of Watershed	Sharda
6	Name and Code of Micro watershed	(1) 2BIH1d3b (Bhinaini) (2) 2BIH1d3c (Behti)
	Shape	Liner
	Extent	East to West 13.91km. and North to South 9.72 Km.
7	Total Geographical area of Project (ha)	8450.94
8	Treatable area(ha)	2487.00
9	Total Project cost(Lacs)	398.44
10	Cost to be met through convergence MNREGA	77.193 Lakh
11	No. of Gram Panchayats.	24
12	No. of concerned villages.	40
13	Demographic Features	
i	Total Polpulation	47904
ii	Male Population	25065
iii	Female Population	22839
iv	Total SC Population	13985
v	Sex Ratio	1000 : 911
14	Total Farmer	8479
15	Large Farmer	691

16	Small Farmer	1501
17	Marginal Farmer	6116
18	Project Period	2009-2010 to 2013-2014
19	Formation of Watershed committees	
20	No. of WCs	24
21	No. members	250
	Formation of SHGs	
22	Total SHG Nos	162
23	Female SHG Nos.	12
24	Total No. of Members	743
25	No. of UGs	6
26	No. of Members (UG)	84
27	Important Outcomes indicators	Expected
	(1) Rainfed area (ha)	6407.54
	(2) Area under irrigation (ha)	761.00
	(3) Area under crops (ha)	12036.00
28	Ground water status (m)	3.95
29	Milk Production (Liters)/per day	5144.00
30	Average income per family (Rs.)	16050
31	Land holding families	8308
32	Landless/ Poor families	71
33	Employment Generation (Mandays in Lakh)	
	(1) During Project Period	2.24 Lakh
	(2) After Project	2.74 Lakh

EXECUTIVE SUMMARY

This watershed has been identified by the state department under Integrated Watershed Management Programme (IWMP) scheme (Govt. of India) by proper prioritization of different parameters for watershed selection criteria which are given below table. The micro-watershed cluster comprises Rusahan, Bhinaini, Motch Kalan, Dev Kalia, Shankar pur, Saraiya Chalakapur, Sheorukh Kalan, Pipri Chand, Paharapur, Baheti, Jafarpur Kalan, khamhariya, Jadua Pur, Chandpur Seth, Godwa, Trilokpur, Kamlapur, Mahriya, Gangela, Sheorukh Khurd, Sadrpur, Saddupur, Bangawan, Inayatpur etc. villages under the block- Biswa, Pahla and Mahmudabad in Sitapur district of Uttar Pradesh. 24 gram panchayat fall in under the taken project. The watershed is located in the South-East part of Sitapur district. The geographical extent of the project area is 27° 23' 50.569'' N to 27° 30' 53.781'' N Latitude and 81° 0' 51.708'' E to 81° 7' 50.339'' E Longitude (Code No. 2B1H1d3b (Bhinaini), 2B1H1d3c (Behti)). The directional extent of the project area is 13.91km. East to West and 9.72 km. North to South. Its altitude ranges from 118 to 146 M. above the mean sea level (MSL). The total geographical and treatable area of micro-watershed cluster is 8450.94ha and 2487.ha. Respectively.

The climate of the region is characterized as Central Plane with average annual rainfall less than 804.986mm annually, out of which about 85 percent is received during the monsoon season from July to September. The temperature ranges from 5°C to 42.5°C Monthly relative humidity arages from 33% to 86%(annual mean 67%)The trend of rainfall is highly erratic and maximum (62%) water goes as runoff. The soils are mainly loamy and claye. Agriculture and animal husbandry is main source of income of the farmers of the watershed. In Kharif the main crops are Paddy, Arhar, Bajra and Maize. Most of the fields are kept fallow during kharif season due to this season Green Manuring is the proposed to minimize the runoff and to maintain the soil fertility of the soil.

Natural vegetation of the watershed area is very poor. Babool, Mahua are the main tree of the area. Occasionally Mango, Neem, Sheesham, ber tree are found in this area. There is no reserve pasture ion the wasteland area. Due to Lack of the Irrigation water the rate of mortality of planted trees is very high. P.R.A. exercises conducted in the villages of watershed area revealed that inadequate irrigation facilities, low production of field crops. It is expected that the implementation of different watershed management activities will bring down the run off and soil loss by 30% and 90% of their present level respectively. It is envisaged to increase the water and land utility. The agricultural land will be treated with bunding along with minor leveling. Waste land will be treated with the engineering measures like staggered trenches and a forestation etc.

The erosion is main problem of the watersheds is to be locked by harvesting additional water is existing water harvesting structure, which have lost most of their capacity due to creating new water bodies. Water stored in the water harvesting structures shall be properly recycled to provide supplemental irrigation of critical growth stages of crops & for the establishment of fruit orchards and forest trees.

CHAPTER- 1

PROJECT BACKGROUND

1.1 Project Background

The Micro Watershed watershed, with code No. 2B1H1d3b (Bhinaini), 2B1H1d3c (Behti) having area of 8450.94 ha is located in South East Part of Sitapur district of U.P. The area of watersheds is proposed to be taken up by Bhoomi sanrakshan Adhikari, Department of land development & water resources Sitapur for integrated watershed management programme (IWMP) starting from the year 2009-10. The project will be completed by 2013-14. The L.B. Sharda watershed in Biswan, Mahmoodabad & Pahla Block of Sitapur district (U.P.) is Located near Rampur Mathura block of Sitapur. The watershed comprises of 40 village, Rusahan, Bhinaini, Motch Kalan, Dev Kalia, Shankar pur, Saraiya Chalakapur, Sheorukh Kalan, Pipri Chand, Paharapur, Baheti, Jafarpur Kalan, khamhariya, Jadua Pur, Chandpur Seth, Godwa, Trilokpur, Kamlapur, Mahriya, Gangela, Sheorukh Khurd, Sadrpur, Saddupur, Bangawan, Inayatpur The Area lies between 27° 23' 50.569'' N to 27° 30' 53.781'' N Latitude and 81° 0' 51.708'' E to 81° 7' 50.339'' E. Total geographical area of the watershed is 8450.94 ha and treatment Area is 2487 ha. Elevation ranges from 118 to 146 M. above mean sea level (MSL). Most of the land comes under agriculture. The area in the watershed is relatively flat plain with shallow river-valleys. The soils are mainly loamy clay and very few area(scattered) covered by sandy.

1.2 Status of watershed programme

Details	No.	Area (Lac ha.)
1	2	3
Total Micro watersheds in the district	354	574300
Workable Micro Watersheds	30	49162
Micro Watersheds already treated by DLWR & other agencies	324	525138
Balance Micro Watersheds (MWS) for treatment (Before start of IWMP in distt.)	245	397786

1.3 Approved plan (PPRs) by Steering Committee (SC)/Gov. of India

Year	Project/Phase IWMP	MWS	Area (ha)	Project Cost Rs. lakh	Name of PIA	S.C. Meeting Date
1	2	3	4	5	6	7
2009-10	IWMP- I	3	2487.00	298.00	BSA, Sitapur	23/03/2010

1.4 Details of IWMP for which this DPR is Prepared

S.. No.	Watershed project IWMP- I	Micro watersheds Code	Project Area ha	Treatable Area ha	Name of Watershed in which MWS is falling (River / Nala name)
1	IWMP I	2B1H1d3b (Bhinaini)	5701.66	1666.00	Sharda
		2B1H1d3c (Behti)	2749.28	821.00	
	Total		8450.94	2487.00	

Table No.1.1: Criteria and weightage for selection of watershed

S.No.	Criteria	Maximum Score	Ranges and Score			
i	Poverty index (% of poor to population)	10	Above 80% (10)	80-50% (7.5)	50-20% (5)	Below 20% (2.5)
ii	% of SC/ST Population	10	> 40 % (10)	20-40 % (5)	< 20 % (3)	-
iii	Actual wages	5	Actual wages significantly lower than minimum wages (5)	Actual wages significantly higher than minimum wages (0)	-	-
iv	% of small and marginal farmers	10	> 80 % (10)	50-80 % (5)	< 50 % (3)	-
v	Ground water status	5	Over exploitation (5)	Critical (3)	Sub critical (2)	Safe (0)
vi	Moisture index	15	-66.7 & below (15)	-33.3 to -66.6 (10)	0 to -33.3 (0)	-
vii	Area under rainfed agriculture	15	> 90 % (15)	80-90 % (10)	70-80 % (5)	< 70% (Reject)
viii	Drinking water	10	No source (10)	Problematic village (7.5)	Partially recovered (5)	Fully covered(0)
ix	Degraded land	15	High-above 20% (15)	Medium-10-20% (10)	Low less than 10% (5)	-
x	Productivity potential of the land	15	Land with low production & where productivity can be significantly enhanced with reasonable efforts (15)	Land with moderate production & where productivity can be enhanced with reasonable efforts (10)	Land with high production & where productivity can be marginally enhanced with reasonable efforts (5)	-
xi	Contiguity to another watershed that has already been developed/treated	10	Contagious to previously treated watershed & contiguity within the micro watershed in the project (10)	Contiguity within the micro watershed in the project but non contagious to previously treated watershed (5)	Neither contagious to previously treated watershed nor contiguity within the micro watershed in the project(0)	-
xii	Cluster approach in the watershed	15	Above 6 micro watershed in the cluster (15)	4 to 6 micro watershed in the cluster (15)	2 to 6 micro watershed in the cluster (15)	-
Xiii	Cluster approach in the hills	15	Above 5 micro watershed in the cluster (15)	3 to 5 micro watershed in the cluster (15)	2 to 3 micro watershed in the cluster (15)	

Table No.1.2: Weightage of the project

Project Name	Project Type	Weightage													Total
		i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	xiii	
IWMP-I	Eastern plain	7.5	5	5	10	0	0	10	7.5	10	5	5	10	N.A.	75

1.5 NEED OF WATERSHED DEVELOPMENT PROGRAMME

Watershed Development Programme is prioritized on the basis of thirteen parameters namely Poverty Index, Percentage of SC/ST, Actual wages, Percentage of small and marginal farmers, Ground water status, Moisture index, Area under rainfed agriculture, Drinking water situation in the area, Percentage of the degraded land, Productivity potential of the land, Continuity of another watershed that has already developed/treated, cluster approach for plain or for hilly terrain. Based on these thirteen parameters a composite ranking was given to Eval Watershed project as given in Table no. 2 the total number of families under BPL is above 50 percent of the total households of the village. Hence a score of 7.5 is allotted. The percentage of schedule castes in the village is about 35 percent to the total population; hence a score of 10 was allotted. Rainfed agriculture for is the primary occupation of the village due to the fact that ground water is saline and hence unfit for usage. More than 80 percent of the farmers are small and marginal by natural and the actual wages earned by the labour is less than the minimum wages hence a composite rank of 5, and 10 are allotted respected.

Since the rainfall received is erratic and irregular. Drinking water is problematic in the village. The soil is very permeable and production of the land can be significantly enriched with the availability of timely irrigation. All watershed falls in continuity with other watershed. Cluster approach was followed taking into consideration three micro-watersheds covering a total area of 8450.94 Ha. Thus a cumulative score of 84.5. All the parameters taken together give a cumulative score of 90 to the watershed

Objectives and Scope of Project

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

MAJOR PROBLEMS OF THE WATERSHEDS

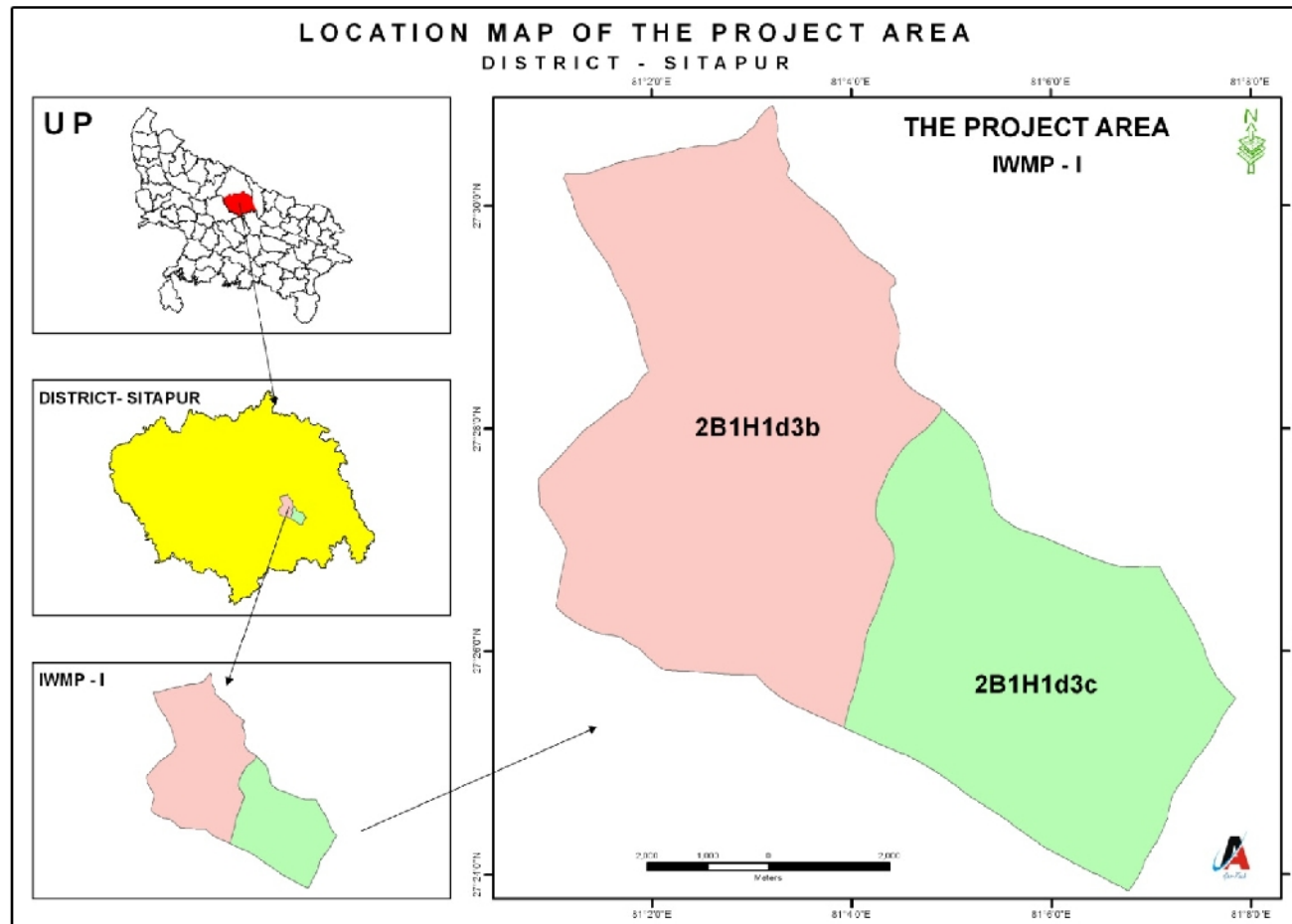
- f. Moisture stress-Drought conditions
 - g. Erosion hazard
 - h. Excess runoff.
 - i. Land degradation
 - j. Low fertility of soil
 - k. Ground water depletion/Low ground water table, poor quality of groundwater
 - l. Low cropping intensity
 - m. Lack of technical knowledge
 - n. Lack of irrigation facilities
 - o. Low productivity of crops
 - p. Low availability of drinking water for human as well as animals
 - q. Overgrazing
 - r. Poor vegetative cover
 - s. Poor/low productive breeds of milch animals
 - t. Lower milk production
 - u. Lack of feed & fodder availability
 - v. Non availability of wood/fuel
 - w. Lack of proper market facilities
 - x. Lack of educational, transportation, medical & health care facilities
 - y. Low wages
 - z. Small land holdings
 - aa. Low income of the households
 - bb. Lack of employment opportunity.
- Migration from the project area.

CHAPTER- 2

GENERAL DESCRIPTION OF THE PROJECT AREA

2.1 Location:

The taken two Micro-watersheds cluster in IWMP-I locate in Mahmoodabad, Biswan, Pahla (a little area) block of Sitapur District (U.P.). The project area 28 Km away from District headquarters and 10 Km away from block headquarter situated between 27° 23' 50.569'' N to 27° 30' 53.781'' N Latitude and 81° 0' 51.708'' E to 81° 7' 50.339'' E Longitude.



2.2 Climate condition of the Project Area

The watershed falls under the semi-arid region of tropical climate. The average annual precipitation is 904.986 mm spreading over 85 rainy days. Most of the rainfall (about 85 %) is received during July to September. The rainfall is of moderate to high intensity. The area receives on or scanty rainfall in the winter season. The temperature variation ranges from as high as 42.5°C in the month of May- June to as low as 5°C in December-January.

Table No.2.1: Average monthly rainfall of the last five years

Month	2004	2005	2006	2007	2008	Avg.
Jan.	23.5	52.23	9.8	0	21	21.306
Feb.	0	32	3	113.5	5	30.7
March	3	74.5	48	53	0	35.7
April	53	5	0.5	11.6	6	15.22
May	20	1	123	32	26	40.4
Jun	20.5	46	159.5	242	321	157.8
July	310.5	235	321.8	231	232	266.06
August	120.5	132	69.5	124	221	133.4
Sep.	43.5	49.1	42.7	135	112	76.46
Oct.	42.5	0	31	0	23	19.3
Nov.	3.5	6	2	2	13.2	5.34
Dec.	2.5	0	11	3	0	3.3
Total-	643	632.83	821.8	947.1	980.2	804.986

2.3. Shape and Extent:

The shape of the watershed area is somewhat in linear form. The maximum length and width of the watershed are near about 17.82 East to west km and North to South 4.66 km, respectively.

2.4. Physiography:

The watershed cluster falls in Gangetic plain, so there is mild slope in entire area. Total area of the IWMP-I Sitapur is 8450.94 ha with problem area of 2487.00 ha.

2.5 Slope:

Spatial distribution of different slope classes was prepared using satellite data with the help of different tools. Slope was divided into five classes' viz. 0-0.5, 0.5-1.0, 1-3, 3-5%, and more than 5 per cent. Out of total area of the project comes 3211.4 ha. into 0-0.5% slope, 4288.6 ha. Into. 0.5-1% slope, 639.7 ha into 1-3% slope and 321.1 ha. 3-5% and more. (Clear in Map)

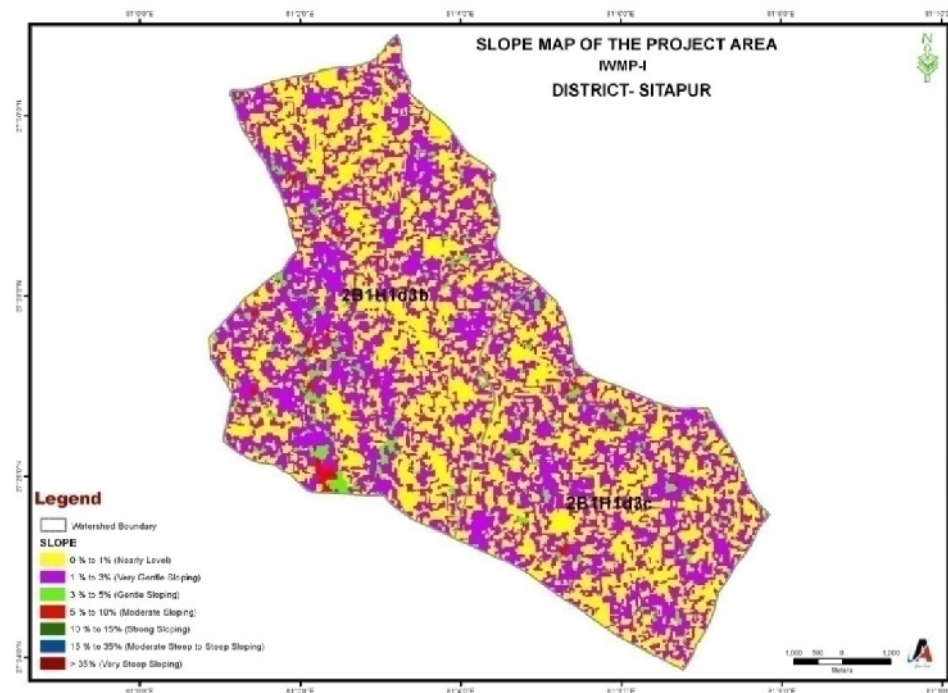


Table no. 2.2: Elevation range, longitude & latitude, relief height difference etc

Micro watershed	Elevation of watershed from MSL		
	Minimum	Maximum	Relief height difference
2B1H1d3b (Bhinaini)	120	146	26
2B1H1d3c (Behti)	118	126	8

Table No.2.3: Soil Texture

Name of MWS	Area in different Soil Group (ha)			
	Light textured soil (sand, loamy sand)	Medium textured soil (Loam Clay, loam, silt loam)	Heavy textured soil (Clayey)	Others specify
2B1H1d3b (Bhinaini)	439.00	3100.26	1242.00	-
2B1H1d3c (Behti)	201.28	1754.00	723.00	-
Total of Project	640.28	4854.26	1965.00	-

Table No.2.4: Slope percentage in the project area

S. No.	Name of MWS & code	Slope range wise area (ha)						Others Specify
		0-05%	0.5-1.0%	1-3%	3-5%	>5%		
						Undulating	Terraced	
1	2	3	4	5	6	7	8	9
1	2B1H1d3b (Bhinaini)	2166.6	2886.8	431.6	216.7	-	-	-

2	2B1H1d3c (Behti)	979.8	1401.9	263.1	104.5	-	-	-
	Total	3211.4	4288.6	639.7	321.1			

2.6 Area and Elevation:

The total area which is bounded by the Micro-watershed cluster project is 8450.94 ha. But the total area which is treated during this project is only 2487.00 ha. Highest and lowest point of the projected area is 146 m and 118 above the mean sea level respectively.

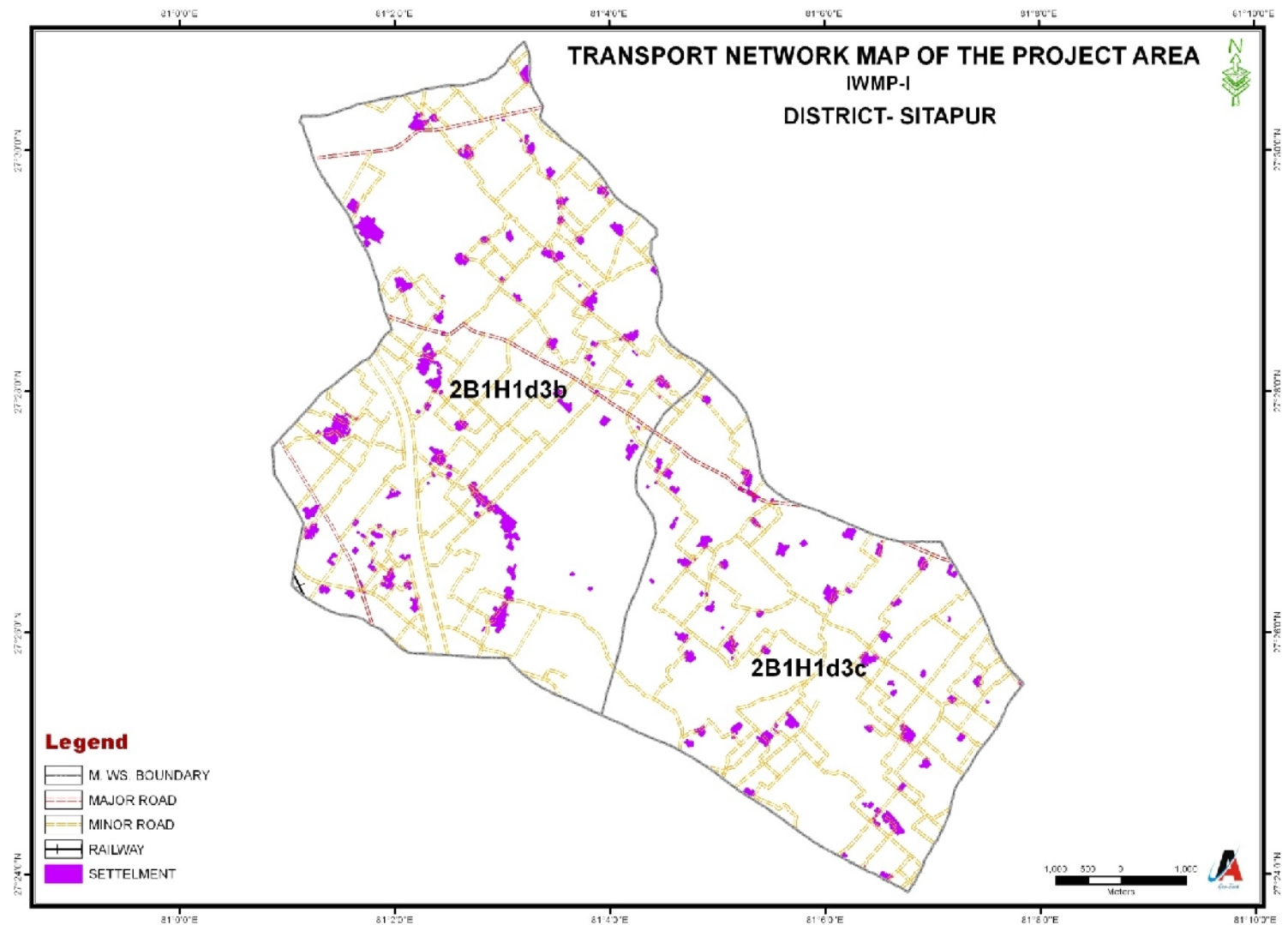
Table No.2.5 Details of flood and drought in the project area

S.No.	Name of MWS	Particulars	Periodicity			Not Affected
			Villages	Annual	Any Other(Please Specify)	
1	2B1H1d3b (Bhinaini)	Flood	No.of Villages	1.Puraine		
			Name (S)of Villages	-		
		Drought	No.of Villages	15		
			Name (S)of Villages	Sirsa Kala, Ahmedapur, Sukhava kala ,Lalpur, Kaimhara Kala, Pipra Kala, Manikapur, Bhinaini, MochKala, Lodhaura,Saddupur, Shankarpur, Shoerukhkala, Deokaliya, Akbapur		
2	2B1H1d3c (Behti)	Flood	No.of Villages	-		
			Name (S)of Villages	-		
		Drought	No.of Villages	7		
			Name (S)of Villages	SaraiyaChalkapur,Banigaon,Inayatpur ,Bheti,Sadarour,paharapur,Khamariya,		

Table No.2.6: Micro-watershed /Gram Panchayat Information

S.No.	Name of Micro water shed &code	Lattitude/Longitude	Name of G.P.	Name of concern Village	Name of Block	Area of Village Include in M.W.S.	Details of Important/Approached Road with Distance (Km.)
1	2B1H1d3c (Behti)	27° 23' 50.569'' N To 27° 28' 10.096'' N & 81° 3' 56.275'' E To 81° 7' 50.339'' E	Sirsa kala	-	Biswa	299.07	7.00 km. from Biswan
			Ahmadapur	-		469.84	6.00 km. from Biswan
			Sukhawa kala	-		353.6	6.00 km. from Biswan
			lalpur	-		516.2	8.00 km. from Biswan
			Puraine	-		245.71	2.00 km. from Biswan
			Akbapur	-		120.06	4.00 km. from Biswan
			Kaimhara kala	-		330.01	7.00 km. from Biswan
			-	Jangal Bilas		132	6.00 km. from Biswan
			Piprikala	-		409.88	8.00 km. from Biswan
			Manikapur	-		225.97	6.00 km. from Biswan
			-	Pakriya		56	8.00 km. from Biswan
			Bhinaine	-		306.46	10.00 km. from Biswan
			Moch kala	-		274	7.00 km. from Biswan
			Lodhaura	-		68	7.00 km. from Biswan
			-	Rushan		168.69	7.00 km. from Biswan
			Saddupur	-	Pahla	165.14	7.00 km. from Pahla
			-	Tilokpur		134.49	7.00 km. from Pahla
			-	Mahariya		195.13	7.00 km. from Pahla
			-	Kamlapur		122.67	7.00 km. from Pahla
			Shankerpur	-	Biswa	316.31	7.00 km. from Biswan
			Sheorukh kala	-	Mahmudabad	258	8.00km.fromBiswan
			Jadwapur	-	Mahmudabad	124.1	8.00km.fromBiswan
			Deowapur	-	Biswa	101.17	5.00km.fromBiswan

			Akbapur	-	Pahla	204	7.00 km. from Pahla
			-	Gaddipur		111.38	7.00 km. from Pahla
		Total				5701.66	
2	2B1H1d3b (Bhinaini)	27° 25' 20.032'' N To 27° 30' 53.781'' N & 81° 0' 51.708'' E To 81° 4' 55.517'' E	Sarriya Chalakapur	-	Mahmudabad "	317.75	13.00km.fromBiswan
			-	Gorwa		131.73	13.00km.fromBiswan
			-	Aibapur		125.32	13.00km.fromBiswan
			Banigawa	-		125.93	8.00km.fromBiswan
			Inayatpur	-		97.13	8.00km.fromBiswan
			-	Gangela		110.23	8.00km.fromBiswan
			-	Piperi Chand		146.66	8.00km.fromBiswan
			Behti	-		188.14	15.00km.fromBiswan
			-	Jaffarpur		113.51	15.00km.fromBiswan
			Sadarpur	-		168.85	15.00km.fromBiswan
			-	Bhatpurwa		169.12	15.00km.fromBiswan
			Paharapur	-		303.71	15.00km.from Mahmudabad
			-	Serukh khurd		161.24	15.00km.from Mahmudabad
			Kamhariya	-	Pahla	235.78	7.00km. From Pahla
			Chandpur Seth	-	"	354.18	8.00 km. from Pahla
		Total				2749.28	

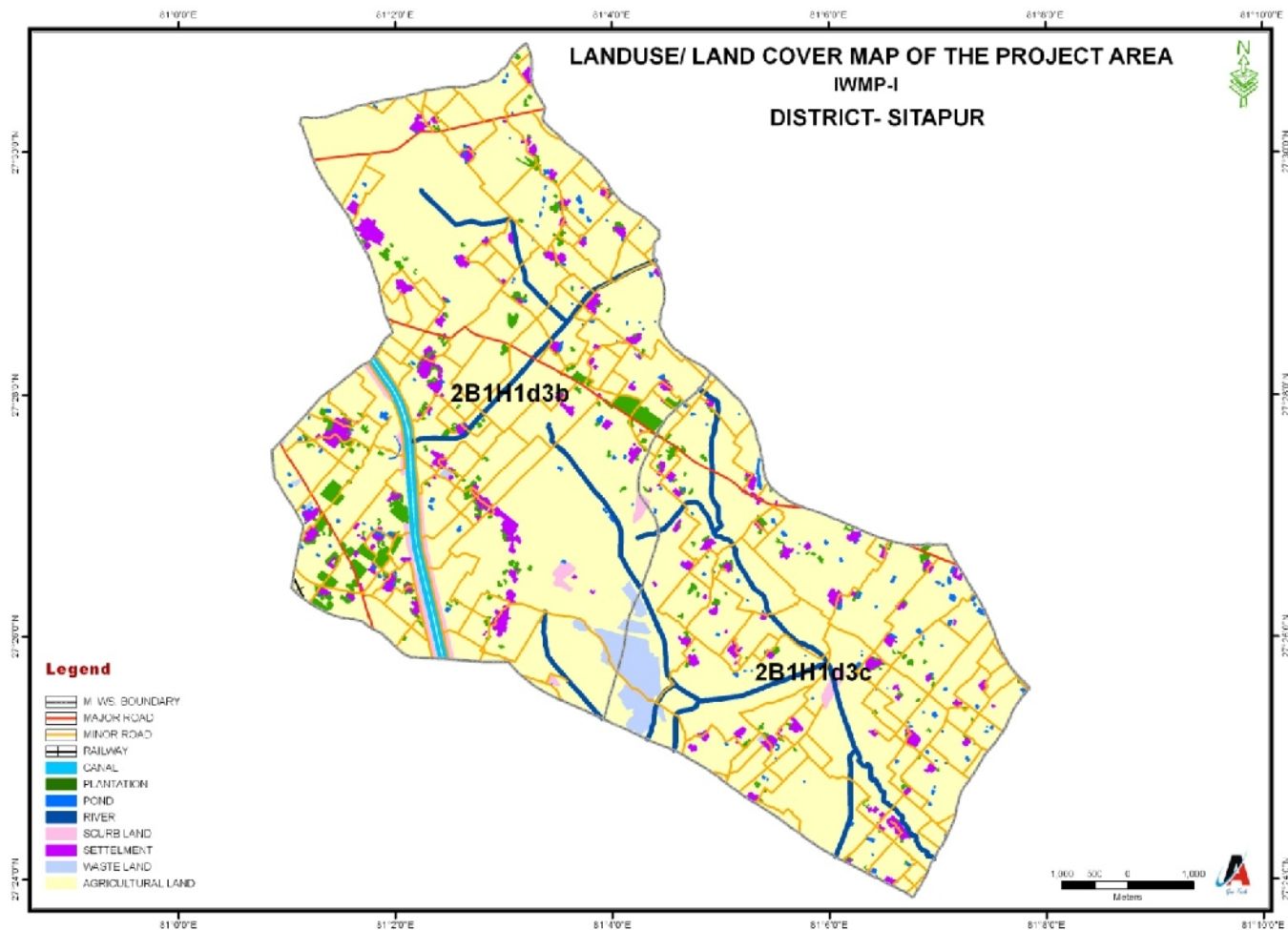


2.7 Area under major land use

Land is non- renewable resource that supports all primary production system as well as provides essential social environment in terms of shelter roads and other facilities. It is scarce and in expansible resource which has to be managed judiciously to meet various competing demands. The IWMP-1 watersheds has diversified land uses namely agriculture, waste land (open scrub), seasonal water bodies etc. The varied present land use and area under different categories in watershed. The different land use category are shown in given below table-

Table No.2.7: Area under major land use

SN	Name of Code & Microe	Cultivated and wasteland				Area details (ha)								
		area of the village (ha)				(falling within the projects)								
		Cultivated rainfed area	Cultivat. irrigated area	Uncultivated wasteand/ fallow		Pvt. Agri. Land					Forest Land	Community land	Others	Total area (ha)
				Temp.	Permanent	Gen	SC	ST	OBC	Total			(Pl. specify)	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	2B1H1d3b (Bhinaini)	1598	3825.96	68	23.65	1763.87	1282.77	0.00	2377.32	5423.96	0	32.85	153.2	5701.66
	2B1H1d3c (Behti)	789.5	1805.78	31.5	12.5	843.99	613.78	0.00	1137.51	2595.28	0	13.5	96.5	2749.28
	Total	2387.5	5631.74	99.5	36.15	2607.86	1896.55	0.00	3514.83	8019.24	0	46.35	249.7	8450.94



2.8 Drainage pattern:

Due to prevalence of mild to steep slopes and existence of few drains in the microwatershed cluster there are scattered drainage system, the drainage system is adequate. The watershed founds in the part of Choka basin.

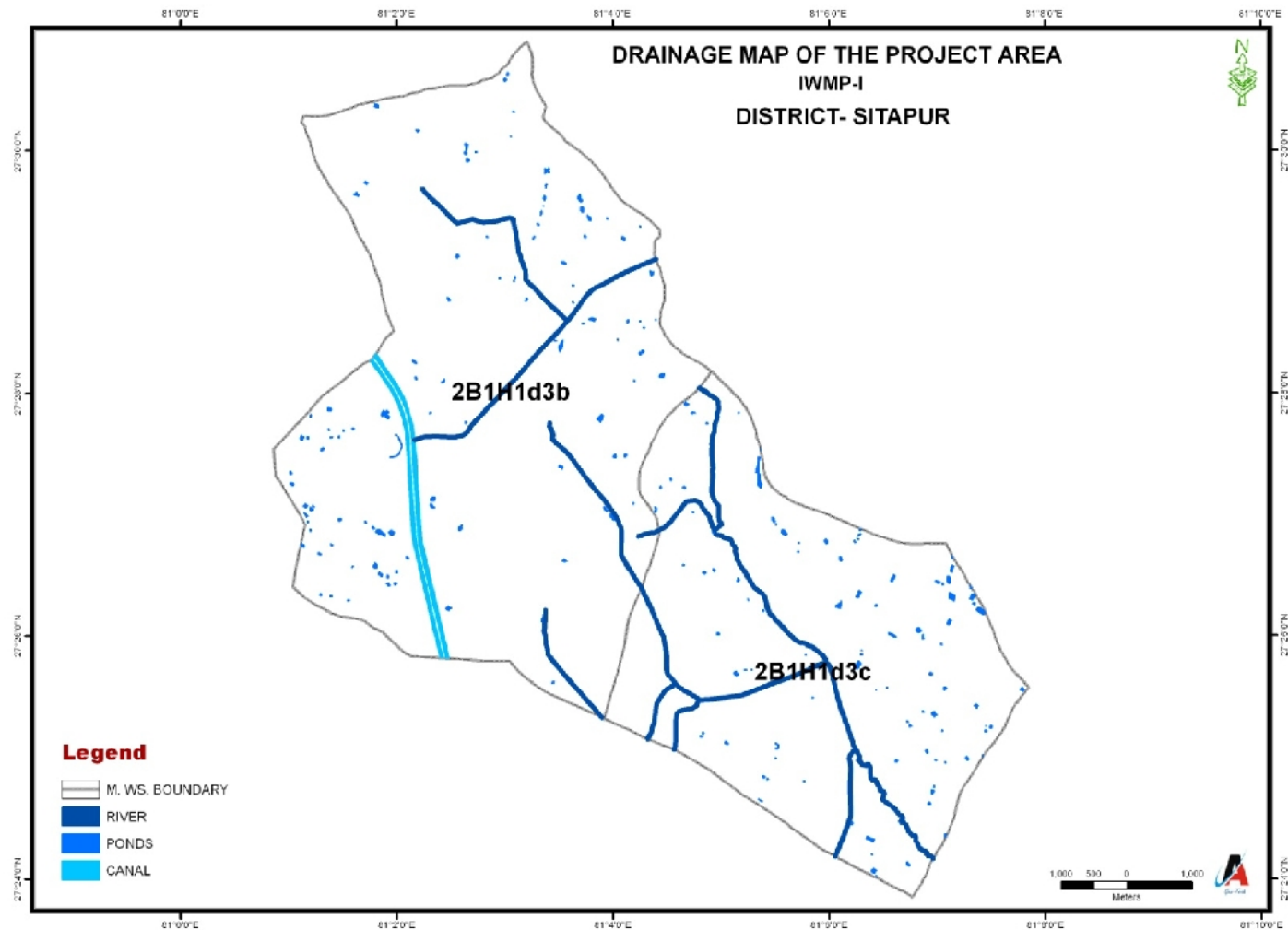


Table No.2.8: Details of soil erosion in the project area

S.N.	Name of Micro Watershed	1		2	3	4	5
		Cause		Type of erosion	Area affected (ha)	Run off (mm/ year)	Average soil loss (Tonnes/ ha/ year)
		Water erosion					
1	2B1H1d3b (Bhinaini)		a	Sheet	4575.35	454.96 mm/yy	18 to 22
			b	Rill	1026.31		
			c	Gully	-		
			Total		5201.66		
2	2B1H1d3c (Behti)		a	Sheet	1895.50	454.96 mm/yy	18 to 22
			b	Rill	553.78		
			c	Gully	-		
					2749.28		
			Total		7950.94		

Table No. 2.9: Ground Water Status

S.No.	Names Code of Micro water Shed	Name of village	Depth of Ground water table(Below Ground level in Meter)		No.of observation well	Remarks
			Before Monsoon	After Monsoon		
1	2B1H1d3b (Bhinaini)	-	6.20	4.30	5	
2	2B1H1d3c (Behti)	-	5.80	3.60	4	

Table No.2.10: Irrigation Status

S.No.	Name & code MWS	Gross Cultivated Area				Net Cultivat. Area	Gross Irrigated Area				Net Irrigated Area	Rainfed Area
		Kharif	Rabi	Zaid	Total		Kharif	Rabi	Zaid	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13
1	2B1H1d3b (Bhinaini)	3717.0	3876.0	446.4	8039.4	5423.96	3531.4	3428.1	1744.6	8704.1	3825.96	1598
2	2B1H1d3c (Behti)	1778.5	1854.6	213.6	3846.7	2595.28	1666.7	1618.0	823.4	4108.1	1805.78	789.5
	Total	5495.6	5730.5	660.0	11886.1	8019.24	5198.1	5046.0	2568.1	12812.2	5631.74	2387.5

Table No. 2.11: Source wise Area Irrigated

S. N o.	Name & Micro watershed with code	Canal Area	State Tube wells		Tanks		Open well		Bore wells		Lift irrigation		Others (Specify)		Total Irrigated Area	Remarks
			No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	2B1H1d3b (Bhinaini)	-	-	-	20	37.00	-	-	97	3788.96	-	-	-	-	3825.96	
2	2B1H1d3c (Behti)	-	-	-	16	19.00	-	-	64	1786.78	-	-	-	-	1805.78	
	Total	-	-	-	36	56			161	5575.74					5631.74	

Table No.2.12: DETAILS OF COMMON PROPERTY RESOURCES IN THE PROJECT AREA

S. No.	Names of MWS with code	CPR Particulars	Total Area (ha) Area owned/ In possession of				Area available for treatment (ha)			
			Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)	Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)
1	2	3	4	5	6	7	8	9	10	11
1	2B1H1d3b (Bhinaini)	Wasteland/ degraded land	95.00	0	0	0	78.00	0	0	0
		Pastures	0	0	0	0	0	0	0	0
		Orchards	0	0	0	0	0	0	0	0
		Village Woodlot	0	0	0	0	0	0	0	0
		Forest	0	0	0	0	0	0	0	0
		Village Ponds/ Tanks	37.00	0	0	0	0	0	0	0
		Community Buildings	0	0.72	0	0	0	0	0	0
		Weekly Markets	0.06	0	0	0	0	0	0	0
		Permanent markets	0	0	0	4	0	0	0	0
		Temples/ Places of worship	0.52	0	0	0	0	0	0	0
		Others (Pl. specify) Chauk Marg, Sector, Road Etc	0	0	0	0	0	0	0	0
		Sub Total	132.58	0.72	0	0	0	0	0	0
2	2B1H1d3c (Behti)	Wasteland/ degraded land	196.00	0	0	0	187.00	0	0	0
		Pastures	0	0	0	0	0	0	0	0
		Orchards	0	0	0	0	0	0	0	0
		Village Woodlot	0	0	0	0	0	0	0	0

		Forest	0	0	0	0	0	0	0	0
		Village Ponds/ Tanks	19.00	0	0	0	24.00	0	0	0
		Community Buildings	0	0.64	0	0	0	0	0	0
		Weekly Markets	0.13	0	0	0	0	0	0	0
		Permanent markets	0	0	0	0	0	0	0	0
		Temples/ Places of worship	0	0	0	0	0	0	0	0
		Others (Pl. specify) Chauk Marg, Sector, Road Etc	0	0	0	0	0	0	0	0
		Sub Total	215.13	0.64	0	0	211	0	0	0

Table No.2.13: Microwatershed wise details of Crops, their Productivity and Production

Name of MWS:- 2B1H1d3b (Bhinaini) Bhinaini

IWMP-I

Name of MWS: 20111155 (Bhimani) Bhimani TWM 1										
S.No	Crop	Area in (ha.)		Productivityq/ha		Production (q)				Remarks
		Irrigated	Rainfed	Irrigated	Rainfed	Grain/ Main product		Fodder/fuel/Other product		
						Irrigated	Rainfed	Irrigated	Rainfed	
1	2	3	4	5	6	7	8	9	10	11
A	Kharif									
1	Paddy	3060.00	1318.00	28	13	8560	17134			
2	Maze/Bajra	0	155.50	0	12	0	1866			
3	Arhar	0	304.60	0	8	0	2436.80			
4	Urd/Mung	0	188.60	0	6	0	1131.60			
5	Vegetable(cropwise)	191.00	60.00	120	80	22920	4800.00			
6	Fodder	0	146.34	0	102	0	14926.68			
	Other, specify	-	-	-	-	-	-			
	Total	3251.00	2173.04			31480	42295.08			
B	Rabi									
1	Wheat	3020.00	1158	26	14	78520	16212	2355.60	486.36	
2	Barley	10.00	25	18	9	180	225			
3	Masoor	-	150	0	8.00	-	1200			
4	Gram	-	20	0	12.00	-	240			
5	Pea	120.00	15	13	8	1560	120			
6	Mustard	125	2300	12	7	1500	160	450	483	
7	Potato	320	-	152	0	48640	-			
8	Vegetable(cropwise)	105.96	-	128	0	135262.88	-			
9	Fodder	125.00	-	130	0	16250.00	-			
	Other, specify	-	-	-	-	-	-			
	Total	3825.96	3638			281912.9	18157	2805.6	969.36	
C	Zaid									
	Vegetable(cropwise)	200	-	0	-	32000	-			
	Fodder	128	-	125	-	16000	-			
	Urd/Mung	280	-	12	-	3360	-			
	Sugarcane	1232	-	430	-	529760	-			
	Total	1840	-	567	-	581120	-			
	Grand Total	8916.96	5811.04			894512.90	60452	2805.6	969.36	

S.no	Crop	Area in (ha.)		Productivity q/ha		Production (q)				Remarks
		Irrigated	Rainfed	Irrigated	Rainfed	Grain/ Main product		Fodder/fuel/Other product		
						Irrigated	Rainfed	Irrigated	Rainfed	
1	2	3	4	5	6	7	8	9	10	11
A	Kharif									
1	Paddy	1466	548.70	30	14	4548	7681.80			
2	Maze/Bajra	0	167.50	0	12	0	2010			
3	aRhar	0	175	0	9	0	1575			
4	Urd/Mung	0	100	0	7	0	700			
5	Vegetable(cropwise)	53.78	26.30	125	80	6722.50	2104			
6	Fodder	38	58	0	105	0	6090			
	Other, specify	-	-	-	-	-	-			
	Total	1519.78	1075.50			11270.50	20160.80			
B	Rabi									
1	Wheat	1373.78	642.50	28	13	38465.84	8352.50	1153.97	250.57	
2	Barley	36.00	17.00	12	8	432.00	136			
3	Masoor	98.00	62.00	25	12	2450.00	744			
4	Gram	-	20.00	0	-	-	160			
5	Pea	38.00	12.00	14	8	532	96			
6	Mustard	90.00	10.00	12	6	1080	60	324	1800	
7	Potato	120.00	-	150	-	18000	-			
8	Vegetable(cropwise)	25.00	16	130	-	3250	1280			
9	Fodder	25.00	10	135	-	3375	1100			
	Other, specify	-	-	-	-	-	-			
	Total	1805.78	789.50			67584.84	11928.5	1477.97	2050.57	
C	Zaid									
	Vegetable(cropwise)	30	-	120	-	3600				
	Fodder	22	-	125	-	2750				
	Urd/Mung	90	-	12	-	1080				
	Sugarcane	580	-	425	-	246500				
	Other, specify	-	-	-	-					
	Total	902.00	-		-	253930				
	Grand Total	4227.56	1865			332785.34	32089.30	1477.97	2050.57	

Table No. 2.14: Demonstration details of Major Crops (Component Wise cost)

Wheat

Demonstration Budget(Component wise) of Wheat					
S. No.	Particulars	Quantity	Rate	Amount Rs/q	Remarks
1	Soil Testing	1	38	38	-
2	Tillage Operation or Preparation of Field for sowing	-	-	-	Done by the Farmer
3	Cost of Seed	100/kg	18/kg	1800	
4	Seed treatment	200 gm Carbandazym	500/kg.	200	
5	Sowing by Seed Drill	-	-	-	Done by the Farmer
6	D.A.P.	210 kg	911/50 kg	3826.2	
7	Urea	150 kg	311/50 kg	933	
8	Potash M.O.P.)	67 kg	300/ 50 kg	402	
9	IPM	1 .00 ha	1000/ ha	1000	
10	FYM	10 t/ha	L.S.	1500	
11	Irrigation (two times)	-	-	-	Done by the Farmer
12	Harvesting	-	-	-	Done by the Farmer
13	Board	1	500	500	
TOTAL :				10199.2	
Crop Demonstration for 0.25 ha/farmer				2549.8	
Farmer's Contribution					
For SC/ST 10%				255	WDF
For Others 20%				509.96	WDF

Table No. 4.8.3: Mustard

Demonstration Budget(Component wise) of Mustard					
S. No.	Particulars	Quantity	Rate	Amount Rs/ q	Remarks
1	Soil Testing	1	38	38	-
2	Tillage Operation or Preparation of Field for sowing	-	-	-	Done by the Farmer
3	Cost of Seed	5.00 kg	90/kg	450	-
4	Seed treatment	30 gm Carbandazym	500/kg.	75	-
5	Sowing by Seed Drill	-	-	-	Done by the Farmer
6	D.A.P.	210 kg	911/50 kg	3826.2	
7	Urea	150 kg	311/50 kg	933	
8	Potash M.O.P.)	67 kg	300/ 50 kg	402	
9	IPM	1 .00 ha	1000/ ha	1000	
	IPM Kit	10 nos.	150/kit	1500	
10	FYM	10 t/ha	L.S.	1500	
11	Irrigation (two times)	-	-	-	Done by the Farmer
12	Harvesting	-	-	-	Done by the Farmer
13	Board	1	500	500	
TOTAL :				10224.2	
Crop Demonstration for 0.25 ha/farmer				2556.05	
Farmer's Contribution					
For SC/ST 10%				256	
For Others 20%				511.21	

Table No. 4.8.4: Arhar

Demonstration Budget(Component wise) of Arhar					
S. No.	Particulars	Quantity	Rate	Amount Rs/ q	Remarks
1	Soil Testing	1	38	38	
2	Tillage Operation or Preparation of Field for sowing	-	-	-	Done by the Farmer
3	Cost of Seed	20/kg	120/kg	2400	
4	Seed treatment	400 gm Rhizobium Culture	500/kg.	200	
5	Sowing by Seed Drill	-	-	-	Done by the Farmer
6	N.P.K (12 : 21 :16)	190 kg	470/50 kg	1786	
	Sulphur	20 kg	100/kg	2000	
7	IPM	1 .00 ha	1000/ ha	1000	
8	FYM	10 t/ha	L.S.	1500	
9	Harvesting	-	-	-	Done by the Farmer
10	Board	1	500	500	
TOTAL :				9424	
Crop Demonstration for 0.25 ha/farmer				2356	
Farmer's Contribution					
For SC/ST 10%				236	
For Others 20%				471	

Table No. 4.8.5: Paddy

Demonstration Budget(Component wise) of Paddy					
S. No.	Particulars	Quantity	Rate	Amount Rs/ q	Remarks
1	Soil Testing	1	38	38	
2	Tillage Operation or Preparation of Field for sowing	-	-	-	Done by the Farmer
3	Cost of Seed	5/kg	75/kg	375	
4	Seed treatment	200 gm Carbandazym	500/kg.	200	
5	Sowing by Seed Drill	-	-	-	Done by the Farmer
6	D.A.P.	210 kg	911/50 kg	3826.2	
7	Urea	150 kg	311/50 kg	933	
8	Potash M.O.P.)	67 kg	300/ 50 kg	402	
9	IPM	1 .00 ha	1000/ ha	1000	
	IPM Kit	10 nos.	150/kit	1500	
10	FYM	10 t/ha	L.S.	1500	
11	Irrigation (two times)	-	-	-	Done by the Farmer
12	Harvesting	-	-	-	Done by the Farmer
13	Board	1	500	500	
TOTAL :				10274.2	
Crop Demonstration for 0.25 ha/farmer				2568.55	
Farmer's Contribution					
For SC/ST 10%				257	
For Others 20%				513.71	

Table No. 4.8.6: Maize

Demonstration Budget(Component wise) of Maize					
S. No.	Particulars	Quantity	Rate	Amount Rs/ q	Remarks
1	Soil Testing	1	38	38	
2	Tillage Operation or Preparation of Field for sowing	-	-	-	Done by the Farmer
3	Cost of Seed	5.00 kg	75/kg	375	
4	Seed treatment	30 gm Carbandazym	500/kg.	75	
5	Sowing by Seed Drill	-	-	-	Done by the Farmer
6	D.A.P.	210 kg	911/50 kg	3826.2	
7	Urea	150 kg	311/50 kg	933	
8	Potash M.O.P.)	67 kg	300/ 50 kg	402	
	Zinc Sulphate	5 kg	1340/20kg	335	
9	IPM	1 .00 ha	1000/ ha	1000	
	IPM Kit	10 nos.	150/kit	1500	
10	FYM	10 t/ha	L.S.	1500	
11	Irrigation (two times)	-	-	-	Done by the Farmer
12	Harvesting	-	-	-	Done by the Farmer
13	Board	1	500	500	
TOTAL :				10484.2	
Crop Demonstration for 0.25 ha/farmer				2621.05	
For SC/ST 10%				262	
For Others 20%				524.21	

Table No. 4.8.8: Barley

Demonstration Budget(Component wise) of Barley					
S. No.	Particulars	Quantity	Rate	Amount Rs/ q	Remarks
1	Soil Testing	1	38	38	
2	Tillage Operation or Preparation of Field for sowing	-	-	-	Done by the Farmer
3	Cost of Seed	80/kg	20/kg	1600	
4	Seed treatment	200 gm Carbandazym	500/kg.	200	
5	Sowing by Seed Drill	-	-	-	Done by the Farmer
6	D.A.P.	100 kg	911/50 kg	1822	
7	Urea	150 kg	311/50 kg	933	
8	Potash M.O.P.)	50 kg	300/ 50 kg	300	
9	IPM	1 .00 ha	1000/ ha	1000	
10	FYM	10 t/ha	L.S.	1500	
11	Irrigation (two times)	-	-	-	Done by the Farmer
12	Harvesting	-	-	-	Done by the Farmer
13	Board	1	500	500	
TOTAL :				7893	
Crop Demonstration for 0.25 ha/farmer				1973.25	
Farmer's Contribution					
For SC/ST 10%				197	
For Others 20%				395	

CHAPTER- 3

BASELINE SURVEY AND PARTICIPATORY RURAL APPRAISAL

FIELD SURVEY AND PLANNING THROUGH GPS

Model No.- GARMIN ORGON-550



Table No.3.1: Demographic Features with Ethnographic Details of Communities

S.No.	Name of Micro Watershed	Total Population			Population of SC/ST		
		Total	Male	Female	Total	Male	Female
1	2	4	5	6	7	8	9
1	2B1H1d3b (Bhinaini)	344476	18373	16103	10620	5797	4823
2	2B1H1d3c (Behti)	13428	6692	6736	3365	1787	1578
	Total	47904	25065	22839	13985	7584	6401

Table No. 3.2: Details of seasonal migration from Project area: Pre-project status

S. No.	Names of Watershed	No. of persons migrating	No. of days per year of migration	Major reason(s) for migrating	Distance of destination of migration from the village (km)	Occupation during migration	Income from such occupation (Rs. in lakh)
1	2	4	5	6		7	8
1	2B1H1d3b (Bhinaini)	384	120-250	Poverty and Unemployment	100-1200	Wages and others	86.40
2	2B1H1d3c (Behti)	260	120-250	“	100-1200	Wages and others	58.50
	Total	644					144.9

Table No. 3.3: Details of infrastructure in the project areas

S.No.	Name of Micro Watershed	Name of GP	Parameters		Status			
1	2B1H1d3b (Bhinaini)	Sirsakala, Ahmdapur, Sukhawa Kala, Lalpur, Puraini, Akbapur, Kaimharakala, Piprakala, Manikapur, Bhinaini, Mochkala, Lodhaura, Saddapur, Shankarpur, Shevrulkhala, Devkaliya,	(i)	Name of villages connected to the main road by an all-weather road	All Villages			
			(ii)	Village's Name provided with electricity	All Villages			
			(iii)	No. of households without access to drinking water	30			
			(iv)	No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	(P) 16	(S) 5	(HS) 2	(VI) -
			(v)	Names of villages with access to Primary Health Centre	All Villages (Akbapur Deokalia)			
			(vi)	Names of villages with access to Veterinary Dispensary	All Villages			
			(vii)	Names of villages with access to Post Office	All Villages (Bhinauni Deokalia)			
			(viii)	Names of villages with access to Banks	All Villages (Deokalia, Sukhawa kala)			
			(ix)	Names of villages with access to Markets/ mandis	All Villages (Sukhawa kala)			
			(x)	Names of villages with access to Agro-industries	All Villages			
			(xi)	Total quantity of surplus milk deficit/ Day	440 lt.			
			(xii)	No. of milk collection centres (e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	(U) -	(S) -	(PA) 4	(O) -
			(xiii)	Name of villages with access to Anganwadi Centre	All Villages (Sukhawa kala, Akbapur Deokalia Bhinauni)			
			(xiv)	Any other facilities with names of villages (please specify)	-			
2	2B1H1d3c (Behti)	Saraiya Chalakapur, Banigawa, Inayatpur, Behti, Sadarpur, Pahadapur, Kamhariya	(i)	Name of villages connected to the main road by an all-weather road	All Villages			
			(ii)	Village's Name provided with electricity	All Villages			
			(iii)	No. of households without access to drinking water	34			
			(iv)	No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	(P) 7	(S) 2	(HS) 1	(VI) -
			(v)	Names of villages with access to Primary Health Centre	All Villages			
			(vi)	Names of villages with access to Veterinary Dispensary	All Villages			
			(vii)	Names of villages with access to Post Office	All Villages (Sadarpur)			
			(viii)	Names of villages with access to Banks	All Villages (Sadarpur)			
			(ix)	Names of villages with access to Markets/ mandis	All Villages (Sadarpur)			
			(x)	Names of villages with access to Agro-industries	-			
			(xi)	Total quantity of surplus milk deficit/day	360 Lt.			
			(xii)	No. of milk collection centres (e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	(U) -	(S) -	(PA) 5	(O) -
			(xiii)	Name of villages with access to Anganwadi Centre	All Villages			
			(xiv)	Any other facilities with names of villages (please specify)	-			

FIELD SURVEY AND PLANNING IN THE PROJECT AREA



Table No.3.4: Livestock Population

S. N.	Name of Micro watershed with code.	Cow		Buffalow		Ox/Bull	Goat	Sheep	Piggeries	Poultry			Other specify
		Desi	Crossed	Desi	Murrah					Broiler	Layers	Total	
1	2			5	6	7	7	8	9	10	11	12	13
1	2B1H1d3b (Bhinaini)	498	18	687	43	167	4370	-	234	186	437	630	
2	2B1H1d3c (Behti)	387	39	534	21	123	3790	-	133	67	143	210	
	Total	885	57	1221	64	190	8308	-	367	253	580	840	

Table No.3.5: Details of Livestock Productivity

S.No.	Name of Micro watershed with code	Milk Production (Liter Per day)				Goatry	Poultry		Piggeries weight Kg/Pig
		Cows		Buffalos		Weight in Kg/goat	Broiler Weight in Kg/ Brl	Layers No. of eggs/day	
		Desi	Crossed	Desi	Murrah				
1	2	4	5	6	7		9	10	11
1	2B1H1d3b (Bhinaini)	479	56	1326	108	30	0.900	1	45
2	2B1H1d3c (Behti)	426	115	1118	53	30	0.900	1	45
	Total	905	171	2444	161	-	0.900	1	45

Table No.3.6: Horticulture Status

S.No.	Names/Micro watershed code	Name of Important Horticultural Crop						
		Whole Fruit Crop				Scattered Fruit Crop		
		Name	Area(ha)	Productitivity Q/ha	Production Q/ha	No	Productitivity Q/No.	Production Q/No.
1.	2B1H1d3b (Bhinaini)	Mango	5.00	167.00	835.00	50	1.5 Q/n	75.00 Q/n
2.	2B1H1d3c (Behti)	Mango	3.20	165.00	527.00	38	1.5 Q/n	55.50

PLANTATION IN THE PROJECT AREA



Table No.3.7: Forest, Vegetative Cover/Grass Land

S. No.	Name & Code of Micro watershed	Forest (Area ha)			Grass Land (Area ha)		Other vegetative cover (Area ha)	
		Reserve	Gram Samaj (Natural/Planted)	Total	Gram Samaj	Private	Gram Samaj	Private
1	2	4	5	6	7	8	9	10
1	2B1H1d3b (Bhinaini)	-	-	-	-	-	-	-
2	2B1H1d3c (Behti)	-	-	-	-	-	-	-
	Total of Project	-	-	-	-	-	-	-

3.1 Livelihood:

What is Livelihood?

Livelihood is primarily intended for use by policymakers, planners, and implementers of local, regional and national government bodies interested or engaged in facilitating a more responsive, sustainable, and risk-reducing recovery process. Yet, IRP recognizes that governments are not the sole actors in disaster recovery and believes that the experiences collected in this document can benefit the many other partners working together to build back better.

Livelihood draws from documented experiences of past and present recovery efforts, collected through a desk review and consultations with relevant experts. These experiences and lessons learned are classified into two major issues:

1. Enabling livelihood protection
2. Improving livelihood promotion

The people of watershed area earn their livelihood from agriculture and animal husbandry. During lean period they migrate for daily wage laborers in block and district head quarter and as agriculture labor in other parts of the state. Another occupation of the people is parental small scale occupation.

Table No.3.8: Livelihood Status of Landless People

S. N.	Name & Code of micro watershed	Name of Livelihood Activity	No. of house hold engaged					Pre project Average Income/year/ house hold In Lakh	Desired Activities	Expected Income from desired activities In Lakh	Remarks
			Sc	St	Other	Women	Total				
1	2	4	5	6	7	8	9	10	11	12	13
1	2B1H1d3b (Bhinaini)	Wages	34	-	22	14	70	12.8	Goatry, Fishres,Poultry work	18.00	
2	2B1H1d3c (Behti)	Wages	30	-	13	17	60	9.40	Goatry, Fishres,Poultry work	13.00	
	Total		64	-	35	31	130	22.20	-	31.00	

Table No.3.9: Details of Livelihood Status other Farmers

S. No.	Name & Code of micro watershed	Name of Livelihood Activity	No. of Persons engaged					Pre project Average Income in Lakh	Desired Activities	Expected Income from desired activities in Lakh	Remarks
			Sc	St	Other	Women	Total				
	2	4	5	6	7	8	9	10	11	12	13
1	2B1H1d3b (Bhinaini)	Agriculture, Ani. Husb. and Wages	52	-	161	26	239	51.38	Agriculture, Ani. Husb. Fisheries,Goatry,Poultry,and others	63.50	
2	2B1H1d3c (Behti)	Agriculture, Ani. Husb. and Wages	76	-	187	33	296	63.60	Agriculture, Ani. Husb. Fisheries,Goatry,Poultry,and others	76.50	
	GRAND TOTAL		128	-	348	59	525	114.98		140.00	

Table No.3.10: Present Livelihood Status (No. of households/Income per year)

S. No.	Name & Code of M.W.S	Activities																			
		Dairy		Poultry		Goatry		Piggeries		Fisheries		Block Smithy		Carpentry		Stitching/ Knitting		Wages		Other	
		No.	AV Income	No.	AV. Income	No.	AV. Income	No.	AV. Income	No.	AV Income	No.	AV Income	No.	AV. Income	No.	AV. Income	No.	AV. Income	No.	AV. Income
1	2	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	2B1H1d3b (Bhinaini)	1	20,000	9	90,000	40	32,000	13	17,000	1	50,000	7	1,19,000	3	1,55,000	5	80,000	689	83,00,000	-	-
2	2B1H1d3c (Behti)	1	20,000	7	70,000	36	29,000	7	9000	2	1,00,000	13	2,40,000	5	2,07,000	6	1,00,000	402	60,00,000	-	-

Table No.3.11: Details of land holding pattern in the project areas

S. No.	Names MWS with code	Type of Farmer	No. of households	No. of BPL households	Land holding (ha)		
					Irrigated	Rainfed	Total
1	2B1H1d3b (Bhinaini)	(i) Large farmer	491	-	460	321.50	1272.5
		(ii) Small farmer	1074	92	918	383.52	2467.52
		(iii) Marginal farmer	4279	1094	2487.96	892.98	8753.94
		Landless person	120	6	-	-	126
		Sub-Total	5964	1192	3865.96	1598	12619.96
2	2B1H1d3c (Behti)	(i) Large farmer	200	-	171.50	72	443.5
		(i) Small farmer	427	126	414.60	182	1149.6
		(iii) Marginal farmer	1837	1271	1291.65	535.50	4935.15
		Landless person	51	3	1805.78	789.50	2649.28
		Sub Total	2515	1400	3683.53	1579	9177.53
		Grand Total	8479	2592	7549.49	3177	21797.49

CHAPTER- 4

INSTITUTIONAL BUILDING AND PROJECT MANAGEMENT

4.1: Details of Project Implementing Agency (PIA)

S. No.	Particulars of PIA	
1	2	3
(i)	Date of selection of PIA	-
(ii)	Type of organization#	Govt. Organization
(iii)	Name of organization	Land Development and water resources
(iv)	Designation & Address	BSA, Sitapur, U.P
(v)	Telephone	05862-240075
(vi)	Fax	-
(vii)	E-mail	bsaldwrs-up@nic.in

4.2: Details of Staff at PIA

S.No.	Designation	Name	M/F	Qualification	Remark
1	Soil Conservation Officers	Sri Anil Kumar Verma	M	Diploma in Ag. Engg.	
2	Junior Engineer	Sri Ran Naresh Verma	M	Diploma in Ag. Engg.	
3	Junior Engineer	Sri Satya Prakash Sing	M	Diploma in Ag. Engg.	
4	Accountant	Sri Vijay Kumar Gupta	M	M.Com.	
5	Accountant	Sri Raja Bax Sing	M	B.Com, L.L.B.	
6	Drought Man	Sri Harishchandra	M	Inter Mediate, I.T.I.	
7	Junior Clerk	Sri Vijay Kumar Srivastava	M	Inter Mediate	
8	Junior Clerk	Sri Viredra Pratap Sing	M	Graduation	
9	Junior Clerk	Sri Subodh Kumar Sharma	M	B.Sc. Ag (Hons.)	
10	Tracer	Sri Vijay Pal Singh	M	Inter Mediate	
11	Tracer	Sri Deena Nath Dubey	M	Graduation	
12	Assistant Soil Conservation Inspector	Sri Badri Singh	M	B.Sc. Ag (Hons.)	
13	Assistant Soil Conservation Inspector	Sri Shailendra Kumar	M	B.Sc. Ag (Hons.)	
14	Driver	Sri Mo. Tahir	M	literate	
15	Work Incharge	Sri Ram Bachan Ram	M	Inter Mediate	
16	Work Incharge	Sri Shailesh Kumar Srivastava	M	B.Com.	
17	Work Incharge	Sri Durga Prasad Verma	M	High School	
18	Work Incharge	Sri Ravendra Pratap Singh	M	High School	
19	IV Th	Sri Mastram Verma	M	High School	
20	IV Th	Sri Jay Singh	M	Junior High School	

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

S.No.	Name of WDT Member	M/F	Age	Qualification / Experience	Description of Profesional Training	Roll of Fuction # #	Date of Appointment of WDT Member
1	2	3	4	5	6	7	8
1.	Smt. Aparna Mishra	F	29	M.A (Sociology)	Tailoring & Embroidery Coarse.	Social Work	01.09.2011
2.	Sri Badri Singh	M	58	B.Sc (Ag.)	Field Experience	Soil science	26-11-80
3.	Sri Ram Bachan Singh	M	63	B.Sc (Ag.) Retired A.S.C.I	Field Experience	Agriculture	01.04..2011
4.	R.N.Verma	M	55	Diploma in Ag. Engineering	Engg. diploma	Water management	17-02- 81

Table No.4.1: Details of Watershed Committee (WC)

S. No .	Name of G. S/ GP	Date of C./ Regi. as a Society (dd/mm/yyyy)	Designation	M/ F	S C	S T	S F	M F	L F	Land-less	U G	SH G	GP	Any other	Educa-tional qualifi-cation	Function(s) assigned#
1	Bhinaini	12.09.2010	President	M	0	0	0	1	0	0	0	0	Bhinaini		Litrte(M.A.,Bed)	
			Secretary	M	0	0	0	1	0	0	0	0			B.A.	
			Member	F	1	0	0	0	0	0	0	0			Litrte	
			Member	M	0	0	9	0	0	0	0	0			No Litrte	
2	Devkaliya	15.09.2010	President	M	0	0	0	0	1	0	0	0	Devkaliya		Litrte	
			Secretary	M	0	0	0	0	1	0	0	0			"	
			Member	M	8	0	0	0	0	0	0	0			"	
			Member	M	0	0	0	0	0	0	0	0			"	
			Member	M	0	0	0	0	0	0	0	0			"	
3	Rushan/Lodh	12.09.2010	President	M	0	0	0	0	1	0	0	0	Rushan		Litrte	

	aura		Secretary	M	0	0	0	0	1	0	0	0			"	
			Member	M	8	0	0	0	0	0	0	0			"	
			Member	M	0	0	0	0	0	0	0	0			"	
			Member	M	0	0	0	0	0	0	0	0			"	
4	Sankarpur	17.09.2010	President	F	0	0	0	0	1	0	0	0	Sankarpur		Litrade	
			Secretary	M	0	0	0	0	1	0	0	0			"	
			Member	F	8	0	0	0	0	0	0	0			"	
			Member	M	0	0	0	0	0	0	0	0			"	
			Member		0	0	0	0	0	0	0	0			"	
5	Mochkala	16.09.2010	President	M	0	0	0	0	1	0	0	0	Mochkala		Litrade	
			Secretary	M	0	0	0	0	1	0	0	0			"	
			Member	F	1	0	0	0	0	0	0	0			"	
			Member	M	0	0	7	0	0	0	0	0			"	
			Member		0	0	0	0	0	0	0	0			"	
6	Ahamdabad	17.09.2011	President	M	0	0	0	0	1	0	0	0	Ahamdabad		Litrade	
			Secretary	M	0	0	0	0	1	0	0	0			"	
			Member	F	0	0	7	0	0	0	0	0			"	
			Member	M	1	0	0	0	0	0	0	0			"	
			Member		0	0	0	0	0	0	0	0			"	
7	Puraini	17.09.2011	President	M	0	0	0	0	1	0	0	0	Puraini		Litrade	
			Secretary	M	0	0	0	0	1	0	0	0			"	
			Member	F	1	0	0	0	0	0	0	0			"	
			Member	M	0	0	7	0	0	0	0	0			"	
			Member		0	0	0	0	0	0	0	0			"	
8	Sirsakala	19.09.2011	President	M	0	0	0	0	1	0	0	0	Sisakala		Litrade	
			Secretary	M	0	0	0	1	0	0	0	0			"	

			Member	F	1	0	0	0	0	0	0	0			"	
			Member	M	0	0		8	0	0	0	0			"	
			Member		0	0	0	0	0	0	0	0			"	
9	Manikapur	19.09.2011	President	M	0	0	0	0	1	0	0	0	Manikapur		Litrato	
			Secretary	M	0	0	0	1	0	0	0	0			"	
			Member	F	1	0	0		0	0	0	0			"	
			Member	M	0	0	0	7	0	0	0	0			"	
			Member		0	0	0	0	0	0	0	0			"	
10	Kaimhara Kala	20.09.2011	President	F	1	0	0	0	0	0	0	0	Kaimhara kala		Litrato	
			Secretary	M	0	0	0	1	0	0	0	0			"	
			Member	F	0	0	2	0	0	0	0	0			"	
			Member	M	0	0	0	6	0	0	0	0			"	
			Member		0	0	0	0	0	0	0	0			"	
11	Akbapur	20.09.2011	President	M	0	0	0	0	1	0	0	0	Akbapur		Litrato	
			Secretary	M	0	0	0	0	1	0	0	0			"	
			Member	F	1	0	0	0	0	0	0	0			"	
			Member	M	0	0	0	0	7	0	0	0			"	
			Member		0	0	0	0	0	0	0	0			"	
12	Bangava	10.10.11	President	M	0	0	0	0	1	0	0	0	Bangava		Litrato	
			Secretary	M	0	0	0	0	1	0	0	0			"	
			Member	F	1	0	0	0	0	0	0	0			"	
			Member	M	0	0	0	0	8	0	0	0			"	
			Member	M	0	0	0	0	0	0	0	0			"	
13	Piprakala	21.09.2011	President	M	0	0	0	0	1	0	0	0	Piprakala		Litrato	
			Secretary	M	0	0	0	0	1	0	0	0			"	

			Member	F	1	0	0	0	0	0	0	0			"	
			Member	M	0	0	0	7	0	0	0	0			"	
			Member		0	0	0	0	0	0	0	0			"	
14	sukhawa Kala	21.09.2011	President	M	0	0	0	0	1	0	0	0	Sukhawa Kala		Litrare	
			Secretary	M	0	0	0	0	1	0	0	0			"	
			Member	F	1	0	0	0	0	0	0	0			"	
			Member	M	0	8	0	0	0	0	0	0			"	
			Member		0	0	0	0	0	0	0	0			"	
15	Sarraiya chalakapur	22.09.2011	President	M	0	0	0	0	1	0	0	0	Saraiya Chalakapur		Litrare	
			Secretary	M	0	0	0	0	1	0	0	0			"	
			Member	F	1	0	0	0	0	0	0	0			"	
			Member	M	0	0	6	0	0	0	0	0			"	
			Member		0	0	0	0	0	0	0	0			"	
16	Behati	30.05.11	President	M	0	0	0	0	1	0	0	0	Behti		Letrate	
			Secretary	M	0	0	0	0	1	0	0	0			B.A.	
			Member	F	1	0	0	0	0	0	0	0			"	
			Member	M	0	0	8	0	0	0	0	0			"	
			Member		0	0	0	0	0	0	0	0				
17	Khamariya	01.06.11	President	M	0	0	0	0	1	0	0	0	Khamriya		Inter	
			Secretary	M	0	0	0	0	1	0	0	0			"	
			Member	F	1	0	0	0	0	0	0	0			"	
			Member	M	0	0	6	0	0	0	0	0			"	
			Member		0	0	0	7	0	0	0	0				
18	Sewrukh Kala	04.06.11	President	M	0	0	0	0	1	0	0	0	Sewrukh kala		inter	
			Secretary	M	0	0	0	0	1	0	0	0			High School	

			Member	F	1	0	0	0	0	0	0	0			"	
			Member	M	0	0	0	8	0	0	0	0			"	
			Member		0	0	0	0	0	0	0	0				
19	Inayatpur	05.06.11	President	M	0	0	0	0	1	0	0	0	Inayatpur		Litrata	
			Secretary	M	0	0	0	0	1	0	0	0			High School	
			Member	M	1	0	0	0	0	0	0	0			"	
			Member	M	0	0	8	0	0	0	0	0			"	
			Member		0	0	0	0	0	0	0	0				
20	Paharapur	07.06.11	President	M	0	0	0	0	1	0	0	0	Paharapur		Litrata	
			Secretary	M	0	0	0	0	1	0	0	0			High School	
			Member	F	1	0	0	0	0	0	0	0			"	
			Member	M	0	0	7	0	0	0	0	0			"	
			Member		0	0	0	0	0	0	0	0				
21	Saddupur	02.06.11	President	M	0	0	0	0	1	0	0	0	Saddupur		Litrata	
			Secretary	M	0	0	0	0	1	0	0	0			High School	
			Member	F	1	0	0	0	0	0	0	0				
			Member	M	0	0	0	8	0	0	0	0				
			Member		0	0	0	0	0	0	0	0				
22	Sadarpur	05.06.11	President	F	0	0	0	0	1	0	0	0	Sadarpur		Litrata	
			Secretary	M	0	0	0	0	1	0	0	0			Inter	
			Member	F	1	0	0	0	0	0	0	0				
			Member	M	0	0	0	8	0	0	0	0				
			Member		0	0	0	0	0	0	0	0				
23	Lalpur	11.06.11	President	F	0	0	0	0	1	0	0	0				
			Secretary	M	0	0	0	0	1	0	0	0	Lalpur		Litrata	
			Member	F	1	0	0	0	0	0	0	0			High School	

			Member	M	0	0	0	1	0	0	0	0				
			Member		0	0	0	7	0	0	0	0				
24	Akbapur	27.11.11	President	F	0	0	0	0	1	0	0	0	Akbapur		H. School	
			Secretary	M	0	0	0	0	1	0	0	0			Inter	
			Member	F	1	0	0	0	0	0	0	0			"	
			Member	M	0	0	0	7	0	0	0	0			"	

Table No.4.2: Details of Formation of Self Help Groups

Name of M.W.S	GP	Name of Groups	Date of Cons.	Name of Chairman	Name of Secretary	Total No. of Members				Groups Activities
						Women	S.C	Other	Total	
2B1H1d 3b	DevKaliya	Vishnu S.H.G	7.12.11	Santosh s/o Sumeri lal	Sumeri Lal s/o Laxhman	-	-	6	6	Pickels making
		Sankar S.H.G	“	Lalji s/o Dankunne	Kandhai s/o Parmeswar	-	-	6	6	Vermi Compost
		Nav yug S.H.G	“	Shakil s/o Nattha	Prakash s/o Munnu	-	4	2	6	Fish Keeping
		Navchetna S.H.G	“	Munni s/o Ishhaq	Kamla Devi w/o Jaypal	6	-	-	6	Talering
	Mochkalan	Ambedkar S.H.G	9/12/11	Bramhadeen s/o Ramlotan	Brijlal s/o Barati lal	-	6	-	6	Talering
		Sidharth S.H.G	“	Ajay Prakash s/o Jayjay Ram	Parwan s/o Mahaveer	-	6	-	6	Roap making
		Hanumaan S.H.G	“	Munna Lal s/o Ganeshi	Vishwanath s/o Trivnath	-	6	-	6	Goat keeping
		Saraswati S.H.G	“	Kailash s/o Vishwanath	Deendayal s/o Ramautar	-	6	-	6	Talering
	Rushan	Gayatri S.H.G	11/11/11	Pramod Kumar s/o Manohar Lal	Ramnaresh s/o Medilal	-	-	6	6	Fish keeping
		Ganpati Ganesh S.H.G	“	Raj Kumar s/o Kallu ram	Kanhaiya lal s/o Sri Keshan	-	-	6	6	Roap making
		Hariom S.H.G	“	Kamlesh Maurya s/o Ram das	Gopi Chandra s/o Ramkhelawan	-	6	-	6	Goat keeping
		Ganesh S.H.G	“	Sumit Maurya s/o Ram Naresh	Hansraj s/o Chabbulal	-	3	3	6	Hen keeping
	Bhinaine	Ganga S.H.G	14/12/11	Santosh Kumar s/o Ram Dulare	Ramendra s/o Ramkumar	-	1	5	6	Goat keeping
		Jamuna S.H.G	“	Sri Prakash s/o Akbar	Ramesh s/o Mahaveer	-	-	6	6	Fish keeping
		Laxhmi S.H.G	“	Nasheem s/o Habib	Ramnaresh s/o Rambhajan	-	3	3	6	Talering

		Sai S.H.G	“	Kirti s/o Rameshwar	Khushi Ram s/o Gangu	-	5	1	6	Fish keeping
2B1H1d 3b	Piprakalan	Kranti S.H.G	“	Ashok Kumar s/o Dubar	Ramesh s/o Manohar	-	-	7	7	Talering
		Bramha S.H.G	“	Putan s/o Manohar	Sakeel s/o Babu	-	-	6	6	Fish keeping
		Kaveri S.H.G	“	Sabbir s/o Pharekhi	Saktu s/o Khushiram	-	6	-	6	Talering
		Amar S.H.G	“	SankarLal s/o Jagannath	Ram Prakash s/o Ram Lotan	-	-	6	6	Fish keeping
	Akwapur	SaiRam S.H.G	17/12/11	Ayoddhya Prasad s/o Chandrika Prasad	Aslam s/o Munna	-	2	4	6	Talering
		Laxhmi bai S.H.G	“	Hasmtul s/o Saddiq	Renu w/o Om Prakash	7	3	4	14	Fish keeping
		Warish S.H.G	“	Tahsheen s/o Sattar	Sakeela w/o Sabbir	6	-	6	12	Talering
		Kabirdas S.H.G	“	Shivkumar s/o Strohan Lal	Suwaib s/o Safiq	-	2	5	7	Fish keeping
	Sirsakalan	Saurya S.H.G	24/12/11	Akhilesh s/o Ramautar	Ashok Kumar s/o Bihari	-	6	-	6	Talering
		Shivsankar S.H.G	“	Ram nath s/o Guruvachan	Punit s/o Munni Lal	-	6	-	6	Hen keeping
		Rachna S.H.G	“	Mausmi Devi w/o Asharfi	Aasa Devi w/o Rakesh	10	10	-	20	Roap making
		Durga S.H.G	“	Uma Devi w/o saroj	RekhaDevi w/o Sunil	6	6	-	12	Goat keeping
	Sevrukhkala	Jagdamba S.H.G	23.12.11	Sushma w/o Bhagwandeem	Mamta d/o Sri Ram	-	-	3	3	Talering
		Ganga S.H.G	23.12.11	Jaharuddin s/o Mansa Ali	Ramesh s/o Chandrabbhal	-	5	1	6	Fish keeping
		Yamuna S.H.G	24.12.11	Makrand s/o Vishwanath	Jagdeesh s/o Vishwanath	-	-	6	6	Roap making
		Saraswati S.H.G	24.12.11	Raj Narayan s/o Ram Kumar	Santosh s/o Radhe Shyam	-	10	-	10	Goat keeping
	Akwa Pur	Sooraj S.H.G	10.12.11	Sooraj Prashad s/o Mewa Lal	Jitendra s/o Rameswar	--	1	5	6	Hen keeping
		ChandmaS.H.	10.12.11	Anju d/o Siya Ram	Ram Rani w/o	6	-	6	12	Talering

		G			Dhani Ram					
		Chand S.H.G	11.12.11	Ram prakash s/o Janki Prashad	Balak Ram s/o Sone Lal	-	-	6	6	Fish keeping
		Prithvi S.H.G	11.12.11	Amar Singh Vinod	Kul deep s/o Siya Ram	-	-	6	6	Repairing
2B1H1d 3b	Jadwa Pur	Aajad S.H.G	21.12.11	Bai Nath s/o Bhagaoti	Babu Ram s/o Makka	-	-	6	6	Fish keeping
		Chandra Shekhar S.H.G	21.12.11	Putan s/o Khushi ram	Ram Vilash s/o Parshu Ram	-	-	6	6	Roap making
	Gaddi Pur	Vilash S.H.G	06.02.12	Ram Vilash s/o Kandhaee	Salik Ram s/o Lakhan	-	-	6	6	Spices Packing
	Sankarpur	Jagriti S.H.G	03.12.11	Avadh Ram s/o Deen Bandhu	Rajendra Kumar s/o Ram Chandra	-	-	6	6	Hen keeping
		Jyoti S.H.G	„	Ram Naresh s/o Puttu Lal	Sulman s/o Saifu	-	-	6	6	Roap making
		Deep S.H.G	„	Sahaj Ram s/o Deen Bandhu	Manoj Kumar w/o Sri Krishna	-	-	6	6	Repairing
		Vikrmaditya S.H.G	„	Manoj Kumar s/o Manohar Lal	Guddu w/o Vajeer	-	-	6	6	Fish keeping
	Sukhawakal a	Sita S.H.G	18.11.11	Paras Ram s/o Putti Lal	Kadhai s/o Mathura Prashad	-	6	-	6	Fish keeping
		Radha S.H.G	„	Smt. Rukmani Devi w/o Kuldeep	Smt. Seema w/o Rajesh	6	-	6	12	Box Makeing
		Chakra S.H.G	„	Manorama w/o Mohan	Kiran w/o Nand Lal	7	7	-	14	Spices Packing
		Indra Dhanush S.H.G	„	Jagdish s/o Visun Kumar	Guddu s/o Ram Lakhan	-	3	3	6	Hen keeping
	Puraini	Gautam budh S.H.G	29.11.11	Renu Devi w/o Rakesh	Leela Wati w/o Gaya Prashad	6	6	-	12	Pickels making
		Saraswati S.H.G	„	Saraswati w/o Parasuram	Sona Devi w/o Lal ji	6	6	-	12	Talering
		Veer S.H.G	„	Munna s/o Nathu	Guddu s/o Natthu	-	6	-	6	Repairing
		Raghuveer S.H.G	„	Ashok s/o Shiv Kumar	Sooraj s/o Indra pal	-	6	-	6	Fish keeping
	Ahmadabad	Chandi S.H.G	23.12.11	Jagdevi w/o Sobaran lal	Urmila w/o Jagdeesh	-	6	-	6	Pickels making
		Chamunda Devi S.H.G	„	Padma Devi w/o Sunderlal	Anita w/o Vishun Kumar	-	6	-	6	Talering
		Rama S.H.G	„	Manoj s/o Bhagole	Dharm Pal s/o Muchhaee	-	6	-	6	Vermi Compost

		Ramapati S.H.G	„	Sunil s/o Bachan	Deepak s/o Sumeri	-	6	-	6	Roap making
2B1H1d 3b	Manika Pur	Kirti S.H.G	01.12.11	Arti Devi w/o Rakesh	Rama Devi w/o Ram Lotan	6	-	6	12	Talering
		Sankar S.H.G	„	Pahadi s/o Ram Sewak	Jagdeesh s/o Tiwari	-	6	-	6	Repairing
		Jay sankar S.H.G	„	Tahlu s/o Ayoddhya	Rampal s/o Bhagnu	-	6	-	6	Fish keeping
		Bhole S.H.G	„	Makhan s/o Ram Chandra	Chunni s/o Hare Ram	-	6	-	6	Goat keeping
	Padariya	Ganpati S.H.G	07.12.11	Virendra s/o Mool Chandra	Avdhesh s/o Ram Naresh	-	-	6	6	Goat keeping
		Bhole S.H.G	„	Narendra s/o Mool Chandra	Raja Ram s/o Nattha	-	-	6	6	Fish keeping
		Sankar S.H.G	„	Mahadev s/o Ram Swaroop	Gajodhar s/o Baddal	-	-	6	6	Robe making
		Krishna S.H.G	„	Swami dayal s/o Nattha	Ram Kishor s/o Bihari	-	-	6	6	Repairing
	Kaimhara kala	Shyam S.H.G	03.12.11	Kamlesh s/o Babu Lal	Anwar s/o Lalji	-	3	3	6	Hen keeping
		Sunder S.H.G	„	Rajesh s/o Nanhu	Jitendra s/o Lalji	-	2	4	6	Spices Packing
		Satyam S.H.G	„	Haresh s/o Jagannath	Ashish s/o Rajkumar	-	-	6	6	Robe making
		Shivam S.H.G	„	LalChand s/o Murli	Balram s/o Mewalal	-	6	-	6	Repairing
	Saddupur	Suraj S.H.G	25.12.11	RamPrasad S/O Badlu	Parsuram - Rambhorese	-	6	-	6	Fish Keeping
		Prithvi S.H.G	25.12.11	Harinam – Ujagar	RAmprasad - Nanhu	-	6	-	6	Rope Making
		Laxmi S.H.G	27.12.11	Md Husain- Rasooole	Mainudeen - Rasooole	-	-	10	10	Goat Keeping
		Parvati S.H.G	27.12.11	Hasmatjaha - Mainuddin	Vitan D/O Mainudeen	6	-	-	6	Stitching
2B1H1d 3c	Chandpur Seth	Gauri S.H.G	07.12.11	Smt. Suman Devi w/o Vijay Kumar	Smt. Geeta Verma w/o Rakesh Kumar	5	1	4	10	Pickels making
		Dindayal S.H.G	07.12.11	Pahari s/o saltan	Vijay Kumar s/o Dindyal Verma	-	2	3	5	Vermi Compost
		Lakhan	07.12.11	LavKush Kumar	Sri Rakesh s/o	-	3	2	5	Fish

		S.H.G		s/o Ram Lakhan	Sri Bhola					Keeping
		Vidyawati S.H.G	07.12.11	Smt. Radha w/o Nand Kishore	Vidyawati w/o Ramesh	5	1	4	10	Talering
2B1H1d 3c	Banigawan	Santoshi S.H.G	12.11.11	Monu s/o Pramod Kumar	Omkar s/o Holi		-	10	10	Goat keeping
		Poornima S.H.G	,,	Rinki Devi w/o Arunesh	Sunita Devi w/o Sandeep	6	-	6	12	Talering
		Rupali S.H.G	,,	Medilal s/o Puttilal	Ramdulare s/o Puttilal		-	6	6	Roap making
		Balaji S.H.G	,,	Puttan s/o Ismail	Kamta s/o Raghuwar		-	10	10	Goat keeping
	Behti	Anamika S.H.G	31.01.12	Sabir s/o Hashnu	Mumtaj s/o Niyaj Ali	-	-	6	6	Hen keeping
		Girija S.H.G	31.01.12	Prem Prakash s/o Rameshwar	Sri Ram s/o Parmeswar	-	10	-	10	Goat keeping
		Durga S.H.G	28.01.12	Rajendra s/o Kishan	Ram Lakhan s/o Rameswar	-	6	-	6	Fish keeping
		Dhillan S.H.G	28.01.12	Maima Devi d/o Ram Bhajan	Ramawati w/o Santosh	-	5	1	6	Fish keeping
	Paharapur	Lalta S.H.G	26.01.12	Ayoddhya s/o Sone Lal	Desh Raj s/o Maleshi	-	6	-	6	Fish keeping
		Narayan S.H.G	26.01.12	Aashma w/o Jabbar	Hunesh w/o Sabir	6	-	6	12	Fish keeping
		Lov S.H.G	25.01.12	Idreesh s/o Ramjaan	Munna s/o Ramjaan	-	-	6	6	Talering
		Kush S.H.G	25.01.12	ShivNath s/o Murli	Pahadi s/o Rameshwar	-	-	6	6	Fish keeping
	Khamariya	Sita S.H.G	08.12.11	Ram Nath s/o Puttu	Jitendra s/o Siya Ram	-	10	-	10	Roap making
		Parwati S.H.G	08.12.11	Tahlu s/o Chandra Bhal	Neelu s/o Chandra Bhal	-	-	6	6	Fish keeping
		Laxmi S.H.G	09.12.11	Mamta w/o Anuj	Sudha w/o Keshav Raj	-	-	6	6	Talering
		Hari Om S.H.G	09.12.11	Harun s/o Jakir	Hamid s/o Menhdi	-	-	6	6	Hen keeping
	Inayatpur	Ganesh S.H.G	07.12.11	Omkar s/o Mullanu	Rama Dhar s/o Raghunath	-	-	6	6	Goat keeping
		Sankar S.H.G	07.12.11	Chandrika s/o Sukkhan	Ram Prakash s/o Arjun	-	-	6	6	Hen keeping
		Kriti S.H.G	06.12.11	Rama Devi w/o Saroj	Jyoti d/o Devki	6	-	6	12	Talering

					nandan					
		Nandi S.H.G	06.12.11	Ram baksh s/o Shyam Lal	Pradeep s/o Vijay	-	1	5	6	Fish keeping
2B1H1d 3c	Sherukh Khurd	Bhagat S.H.G	27.12.11	Kishun s/o Ramman	Dalla s/o Lalta	-	1	5	6	Box Making
		Guru S.H.G	27.12.11	Ram Chandra s/o Thakur Prashad	Ram Dayal s/o Hulash	-	-	6	6	Vermi compost
	Jafar pur Kala	Arti S.H.G	03.02.12	Sanjay s/o Jay Narayan	Jumman s/o Ashraf	-	-	6	6	Hen keeping
		Maa S.H.G	03.02.12	Kadir s/o Nooran	Liyakat s/o Shahadat	-	-	6	6	Repairing
	Gangela	Rani Laxmi S.H.G	04.02.12	Kashi Ram s/o Lalta	Rameshwar s/o Dhode	-	1	5	6	Roap making
		Deveswar S.H.G	04.02.12	Santlal s/o Lal ji	Chunchun s/o Raja Ram	-	-	6	6	Box Making
	Pipri Chand	Amber S.H.G	05.02.12	Sunder Lal s/o Ishwar Deen	Shyam Sunder s/o Sarju	-	1	5	6	Fish keeping
		Tara S.H.G	05.02.12	Nirmala w/o Shyam Lal	Poonam w/o Rajendra	6	-	6	12	Talering
	Saraiya Chalaka pur	Chetak S.H.G	23.11.11	Dileep Kumar s/o Bharat Prashad	Maheshwar dayal s/o Ram Bilash	-	5	1	6	Fish keeping
		Raghukul S.H.G	„	Arvind s/o Mangli Prashad	Ram Kishun s/o Shobran	-	10	-	10	Goat keeping
		Santoshi S.H.G	„	Anita Devi w/o Satish Kumar	Jay rani w/o Jaykaran	6	6	-	12	Pickels making
		Avadhi S.H.G	„	Jagannath s/o Bachan	Pahadi s/o Badri Prashad	-	6	-	6	Hen keeping

Table No.4.3: Details of Self Help Groups (SHGs) in the project area

S.No.	Name of MWS	Name of Village	Total No. of Constituted/ Registered S.H.Gs				No. of Members				No. of SC/ST in each Category			No. of BPL in each Category			Date of Formation of SHGs According to four S.H.G Date
			With Only Men	With Only Women	With Both	Total	Categori es	M	F	Total	M	F	Total	M	F	Total	
1	2B1H1d3b (Bhinaini)	Devkaliya	2	-	2	4	Landless	3	1	4	-	-	-	3	1	4	16.12.11
							S.F	-	-	-	-	-	-	-	-	-	
							M.F	15	5	20	4	-	4	2	1	3	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	2	-	2	4		18	6	24	4	-	4	5	2	7	
2	“	Mochkala	4	-	-	4	Landless	2	-	2	2	-	2	2	-	2	26.11.11
							S.F	-	-	-	-	-	-	-	-	-	
							M.F	22	-	22	22	-	22	10	-	10	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	4	-	-	4		24	-	24	24	-	24	12	-	12	
3	“	Rushan	4	-	-	4	Landless	2	-	2	2	-	2	2	-	2	13.11.11
							S.F	-	-	-	-	-	-	-	-	-	
							M.F	22	-	22	7	-	7	10	-	10	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	4	-	-	4		24	-	24	9	-	9	12	-	12	
4	“	Bhinaini	4	-	-	4	Landless	4	-	4	-	-	-	4	-	4	5.2.11
							S.F	-	-	-	-	-	-	-	-	-	
							M.F	20	-	20	9	-	9	10	-	10	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	4	-	-	4		24	-	24	9	-	9	14	-	14	
5	“	Piprakala	4	-	-	4	Landless	4	-	4	2	-	2	2	-	2	8.12.11

							S.F	3	-	3	-	-	-	-	-		
							M.F	18	-	18	4	-	4	12	-	12	
							L.F	-	-	-	-	-	-	-	-		
		Total	4	-	-	4		25	-	25	6	-	6	14	-	14	
6	“	Akbapur	2	-	2	4	Landless	1	3	4	1	3	4	1	3	4	14.11.11
							S.F	12	10	22	-	-	-	6	5	11	
							M.F	8	5	13	3	-	3	4	3	7	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	2	-	2	4		21	18	39	4	3	7	11	11	22	
7	“)	Sirsakala	2	-	2	4	Landless	2	4	6	2	4	6	2	4	6	22.11.11
							S.F	5	3	8	-	-	-	2	1	3	
							M.F	20	10	30	-	-	-	11	8	19	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	2	-	2	4		27	17	44	2	4	6	15	13	28	
8	“	Sevrukhkala	3	1	-	4	Landless	-	-	-	-	-	-	-	-	-	23.12.11
							S.F	-	-	-	-	-	-	-	-	-	
							M.F	20	5	25	15	-	15	10	3	13	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	3	1	-	4		20	5	25	15	-	15	10	3	13	
9	“	Akbapur	3	1	-	4	Landless	3	1	4	1	-	1	3	1	4	10.12.11
							S.F	-	-	-	-	-	-	-	-	-	11.12.11
							M.F	21	5	27	-	-	-	12	3	15	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	3	1	-	4		24	6	30	1	-	1	12	4	16	
10	“)	Jadwapur	2	-	-	2	Landless	1	-	1	-	-	-	1	-	1	23.12.11
							S.F	-	-	-	-	-	-	-	-	-	24.12.11

							M.F	11	-	11	-	-	-	7	-	7	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	2	-	-	2		12	-	12	-	-	-	8	-	8	
11	“	Gaddipurwa	1	-	-	1	Landless	1	-	1	-	-	-	1	-	1	6.2.12
							S.F	-	-	-	-	-	-	-	-	-	
							M.F	5	-	5	-	-	-	3	-	3	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	1	-	-	1		6	-	6	-	-	-	4	-	4	
12	“	Shankarpur	4	-	-	4	Landless	3	-	3	-	-	-	3	-	3	3.12.11
							S.F	-	-	-	-	-	-	-	-	-	
							M.F	21	-	21	-	-	-	8	-	8	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	4	-	-	4		24	-	24	-	-	-	11	-	11	
13	“)	Sukhawakala	2	2	-	4	Landless	1	2	3	1	2	3	1	2	3	18.11.11
							S.F	-	-	-	-	-	-	-	-	-	
							M.F	24	1 1	35	2	5	7	10	6	16	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	2	2	-	4		25	1 3	38	3	7	10	11	8	19	
14	“	Puraini	2	2	-	4	Landless	3	2	5	2	1	3	3	2	5	29.11.11
							S.F	-	-	-	-	-	-	-	-	-	
							M.F	21	1 0	31	20	1	21	9	6	15	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	2	2	-	4		24	1 2	36	22	2	24	12	8	20	
15	“	Ahmadabad	4	-	-	4	Landless	2	-	2	2	-	2	2	-	2	23.12.11

							S.F	-	-	-	-	-	-	-	-	-	
							M.F	22	-	22	22	-	22	10	-	10	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	4	-	-	4		24	-	24	24	-	24	12	-	12	
16	“	Manikapur	3	1	-	4	Landless	3	3	6	3	3	6	3	3	6	1.12.11
							S.F	-	-	-	-	-	-	-	-	-	
							M.F	21	3	24	9	3	12	8	2	10	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	3	1	-	4		24	6	30	12	6	18	11	5	16	
17	“	Padariya	4	-	-	4	Landless	2	-	2	-	-	-	2	-	2	7.12.11
							S.F	-	-	-	-	-	-	-	-	-	
							M.F	22	-	22	-	-	-	10	-	10	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	4	-	-	4		24	-	24	-	-	-	12	-	12	
18	“	Kaimharakal a	4	-	-	4	Landless	6	-	6	5	-	5	6	-	6	3.12.11
							S.F	-	-	-	-	-	-	-	-	-	
							M.F	18	-	18	6	-	6	9	-	9	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	4	-	-	4		24	-	24	11	-	11	15	-	15	
19	2B1H1d3c (Behti)	Chandpur seth	3	1	-	4	Landless	2	1	3	2	1	3	2	1	3	7.12.11
							S.F	2	-	2	-	-	-	-	-	-	
							M.F	21	4	25	2	2	4	10	7	17	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	3	1	-	4		25	5	30	4	3	7	12	8	20	
20	2B1H1d3c (Behti)	Banigawan	3	1	-	4	Landless	3	2	5	-	-	-	3	2	5	12.11.11
							S.F	2	-	2	-	-	-	-	-	-	

							M.F	27	4	31	-	-	-	14	2	16	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	3	1	-	4		32	6	38	-	-	-	14	4	21	
21	2B1H1d3c (Behti)	Behti	4	-	-	4	Landless	3	-	3	2	-	2	3	-	3	31.1.12
							S.F	-	-	-	-	-	-	-	-	-	
							M.F	25	-	25	19	-	19	10	-	10	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	4	-	-	4		28	-	28	21	-	21	13	-	13	
22	2B1H1d3c (Behti)	Pahadapur	3	1	-	4	Landless	4	3	7	-	3	3	4	3	7	26.1.12
							S.F	-	-	-	-	-	-	-	-	-	
							M.F	20	3	23	-	3	3	8	1	9	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	3	1	-	4		24	6	30	-	6	6	12	4	16	
23	2B1H1d3c (Behti)	Khamariya	4	-	-	4	Landless	3	-	3	-	-	-	3	-	3	8.12.11
							S.F	2	-	2	-	-	-	-	-	-	9.12.11
							M.F	23	-	23	10	-	10	11	-	11	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	4	-	-	4		28	-	28	10	-	10	14	-	14	
24	2B1H1d3c (Behti)	Inayatpur	3	1	-	4	Landless	2	1	3	1	-	1	2	1	3	6.12.11
							S.F	-	-	-	-	-	-	-	-	-	7.12.11
							M.F	22	5	27	-	-	-	12	3	15	
							L.F	-	-	-	-	-	-	-	-	-	
		Total	3	1	-	4		24	6	30	1	-	1	10	4	16	
25	2B1H1d3c (Behti)	Shevruk khurd	2	-	-	2	Landless	1	-	1	-	-	-	1	-	1	27.12.11
							S.F	-	-	-	-	-	-	-	-	-	
							M.F	11	-	11	-	-	-	6	-	6	

							L.F	-	-	-	-	-	-	-	-	-	
		Total	2	-	-	2		12	-	12	-	-	-	7	-	7	
26	2B1H1d3c (Behti)	Jafarpurkala	2	-	-	2	Landless	3	-	3	-	-	-	3	-	3	3.2.12
							S.F	-	-	-	-	-	-	-	-		
							M.F	9	-	9	-	-	-	5	-	5	
							L.F	-	-	-	-	-	-	-	-		
		Total	2	-	-	2		12	-	12	-	-	-	8	-	8	
27	2B1H1d3c (Behti)	Gangela	2	-	-	2	Landless	4	-	4	1	-	1	4	-	4	4.2.12
							S.F	-	-	-	-	-	-	-	-		
							M.F	8	-	8	-	-	-	5	-	5	
							L.F	-	-	-	-	-	-	-	-		
		Total	2	-	-	2		12	-	12	1	-	1	9	-	9	
28	2B1H1d3c (Behti)	Piprichand	1	1	-	2	Landless	1	1	2	-	1	1	1	1	2	5.2.12
							S.F	-	-	-	-	-	-	-	-		
							M.F	5	5	10	-	-	-	3	4	7	
							L.F	-	-	-	-	-	-	-	-		
		Total	1	1	-	2		6	6	12	-	1	1	4	5	9	
29	2B1H1d3c (Behti)	Saraiya chalakapur	-	-	-	4	Landless	6	3	9	4	3	7	6	3	9	23.11.11
							S.F	-	-	-	-	-	-	-	-		
							M.F	19	6	25	14	6	20	8	3	11	
							L.F	-	-	-	-	-	-	-	-		
		Total	-	-	-	4		5	9	34	18	9	27	14	6	20	

Table No. 4.4: Details of User Groups

S.No.	Name of MWS	Name of Village	Total No. of U.Gs				No. of Members				No. of SC/ST in each Category			No. of BPL in each Category			Date of Formation of U.Gs
			With Only Men	With Only Women	With Both	Total	Categories	M	F	Total	M	F	Total	M	F	Total	
1	2B1H1d3c (Behti)	Behti	14	0	0	14	Landless	0	0	0	0	0	0	0	0	0	05.02.10
							S.F	13	0	13	1	0	1	10	0	10	
							M.F	1	0	1	0	0	0	0	0	0	
							L.F	0	0	0	0	0	0	0	0	0	
	Total		14	0	0	14		14	0	14	1	0	1	10	0	10	
2	“	Pahadapur	20	3	0	23	Landless	19	3	22	0	0	0	0	0	0	05.02.12
							S.F	1	0	1	2	0	2	14	3	17	
							M.F	0	0	0	0	0	0	0	0	0	
							L.F	0	0	0	0	0	0	0	0	0	
	Total		20	3	0	23		20	3	23	2	0	2	14	3	17	
3	2B1H1d3b (Bhinaini)	Dev Kaliya	10	2	12	12	Landless	0	0	0	0	0	0	0	0	0	03.02.12
							S.F	9	2	11	1	0	1	9	2	11	
							M.F	1	0	1	0	0	0	0	0	0	
							L.F	0	0	0	0	0	0	0	0	0	
	Total		10	2	12	12		10	2	12	1	0	1	9	2	11	
4	“	Mochkala	12	3	15	15	Landless	0	0	0	0	0	0	0	0	0	08.02.12
							S.F	12	3	15	2	0	2	11	3	14	
							M.F	0	0	0	0	0	0	0	0	0	
							L.F	0	0	0	0	0	0	0	0	0	
	Total		12	3	15	15		12	3	15	2	0	2	11	3	14	
5	“	Saddupur	6	2	8	8	Landless	0	0	0	0	0	0	0	0	0	09.02.12
							S.F	6	2	8	1	-	1	5	1	6	

							M.F	0	0	0	0	0	0	0	0	0	
							L.F	0	0	0	0	0	0	0	0	0	
	Total		6	2	8	8		6	2	8	1	0	1	5	1	6	

Table No. 4.5: Details of Formation of User Groups (UGs)

S. No .	Name of MWS	Name of Village	Name of Group	Date of Constitution	Name of Adhyaksh	Name of Sachiv/ Treasurer	Total No. of Members				Name of Bank and Address	Account No. & date	Up to date Savings	Group activities	Status of User agreement
							Women/Men	SC / ST	Other	Total					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	2B1H1d3c (Behti)	Behti	Girija	05.02.12	Chatrapal	Vijay Kumar	14 M	1	13	14				Water Saving	Water Saving
	Total						14	1	13	14					
2	“	Pahadapur	Hari Om	05.02.12	Jawahar	Babu Ram	20 M 03 F	2	18	20					
								0	3	3					
	Total						23	2	21	23					
3	2B1H1d3b (Bhinaini)	Devkaliya	Pawan	03.02.12	Dhirendra Singh	Surya Bhan singh	10 M	1	9	10				Water Saving	Water Saving
							02 F	0	2	2					
	Total						12	1	11	12					
4	“	Mochkala	Anamika	08.02.12	Mohan Lal	Siya Ram	12 M 03 F	02 M	10	12				Water Saving	Water Saving
								0	3	3					
	Total						15	2	13	15					
5	“	Saddupur	Gagan	09.02.12	Shankar Dayal	Ram Dayal	06 M	01 M	5	6				Water Saving	Water Saving
							02 F	0	2	2					
	Total						8	1	7	8					

Table No.4.6: Capacity Building plan

S.No.	Level	Total No. of Person	No. Of Person to be Trainend	No. of training to be Conduct	Training Days	Expenses per Person per Days (Rs)	Total Cost (Rs)
1	SLNA	-	-	-	-	-	0.59544
2	WCDC	10	10	2	2	1500	0.60
3	PIA	15	15	2	3	750	0.675
4	WDT	4	4	2	5	500	0.20
5	SHG	160	160	1	2	750	2.40
6	UGs	128	128	1	1	250	0.32
7	WC	272	220	2	2	450	3.96
8	Others	130	130	1	1	250	0.20276
	Total	719	667	11	16	4450	8.9532
IInd Year							
1	SLNA	-	-	-	-	-	0.14886
2	WCDC	10	10	2	1	1500	0.30
3	PIA	12	12	2	3	750	0.54
4	WDT	4	4	2	3	500	0.12
5	SHG	50	50	1	1	750	0.375
6	UGs	59	59	1	1	250	0.14244
7	WC	272	136	1	1	450	0.612
8	Others	-	-	-	-	-	-
	Total	407	271	9	10	4200	2.2383
IIIRD Year							
1	SLNA	-	-	-	-	-	0.14886
2	WCDC	10	10	2	1	1500	0.30
3	PIA	12	12	2	3	750	0.54
4	WDT	4	4	2	3	500	0.12
5	SHG	50	50	1	1	750	0.375
6	UGs	59	59	1	1	250	0.14244
7	WC	272	136	1	1	450	0.612
8	Others	-	-	-	-	-	-
	Total	407	271	9	10	4200	2.2383

IV Year							
1	SLNA	-	-	--	-	-	-
2	WCDC	10	8	2	2	1500	0.48
3	PIA	12	-	-	-	-	-
4	WDT	4	-	-	-	-	-
5	SHG	50	50	1	1	750	0.375
6	UGs	68	68	1	1	250	0.1692
7	WC	272	52	2	1	450	0.468
8	Others	-	-	-	-	-	-
	Total	416	178	6	5	2950	1.4922

Fund Allocation for Capacity Building Plan					
Sn	Installment	SLNA	WCDC	PIA	Total
1	Ist	59544	148860	684756	893160
2	2nd	29772	74430	342378	446580
3	3rd	0	44658	104202	148860
	Total	89316	267948	1131336	1488600

Table No.4.7: List of identified training institutes for capacity building

Sr. No.	Name of the Training Institute	Full Address with contact no, website & e-mail	Designation of the Head of Institute	Type of Institute	Area(s) of specialization	No. of training assigned	No. of persons to be trained	Allocation to be made to the institute
1	2	3	4	5	6	7	8	9
1	Water and Land Management Institute Walmi Bhawan, Utrethia, Lucknow	0522-2240309	Nodal officer training	Water Manageme nt	Soil conservation and Water management	1	100	100 km from Sitapur
2	District Rural Development Training Institute Khairabad, Sitapur	9336726774	Asst. Director	Training Institute	Rural Development	2	200	
3	District Rural Development Training Institute Khairabad, Sitapur	9336726774	Asst. Director	Training Institute	Rural Development	1	50	8 km from Sitapur
4	Chandra Shekhar Azad Agriculture and Engg. University, Kanpur	0512-2534156	V.C	University	All	-	-	200 km from Sitapur
5	Narendra Deo Agriculture University, Faizabad		V.C	University	All	-	-	250 km from Sitapur
6	Central, Soil and Water Conservation research institute, Chalesar, Agra	0562-6544599	Director	Training Institute	IWMP	-	-	350 km from Sitapur
7	Pt. Deen Dayal Upadhyay Rajya Gram Vikas training intitute, BKT, Lucknow	0521-229829	Director	Training Institute	All Agriculture Topic	-	-	70 km from Sitapur
8	Institue of Land development and Water resource training centre, Belikala, Lucknow	0522-2238425	D.D.	Training Institute	Land Development and Water Management	-	-	105 km from Sitapur

Training



4.2 Entry Point Activities:

Integrated Watershed Development Programme 1st is aimed at the socio economic upliftments of the dweller of watershed area and to create trust about the programme to be implemented so that they can coordinate in participatory mode for the success of the programme. As per the new common guidelines total financial outlay for the entry point activities is 4 % of the total project cost. To increase the per capita availability of drinking water older wells of the village will be renovated as well as pacca jagat will be constructed, to increase the irrigation water availability older bundhies which are already existed but not functioning will be reconstructed/ renovated. Repairing and maintenance of water bodies have been proposed on priority basis. School lies in the watershed areas will be equipped with drinking water facility and extracurricular activities will be promoted among the children in the watershed area by supplying sport goods to the school. To approach watershed village construction and repairing of damaged pulia has also been proposed and construction of women bathrooms besides hand pump or wells. Total estimated cost for these activities is Rs 11.93 Lacs.

Table No.4.9: Entry Point Activities

S.no.	Names of the Villages	Amount earmarked for EPA	Entry point Activities planned	Estimated cost	Expected outcome	Name of agency which selected the EPA#	Expected month & year of completion (mm/yyyy)
1	2	3	4	5	6	7	8
1	Sharda 2B1H1d3b (Bhinaini) 2B1H1d3c (Behti)	11.93	Chabutra	2.40	-	WC, PIA, WDT	March, 2011
			Well Repairing	1.365	-	WC, PIA, WDT	March, 2011
			Village Drain	1.0451	-	WC, PIA, WDT	March, 2011
			Planting with Tree Guard	0.135	-	WC, PIA, WDT	March, 2011
			Repairing & Jointing of Brick on Edge	0.9486	-	WC, PIA, WDT	March, 2011
			Sitting Bench	0.136	-	WC, PIA, WDT	March, 2011
			Culvert	1.560	-	WC, PIA, WDT	March, 2011
			Repairing of community Road	4.3303			

EPA Work Village – Moch Kala, Block - Biswan

Code 2B1H 1d3b IWMP 1st

Construction of Dage drainage Channel





TER-5

MANAGEMENT/ ACTION PLAN

Table No.5.1.1 Gram Panchayat Wise Action Plan of Livelihood

Name & Code of MWS-2B1H1d3b (Bhinaini)																				
S.No.	Name of Activities		GP Name		GP Name		GP Name		GP Name		GP Name		GP Name		GP Name		GP Name		GP Name	
		No./	Sirsha kalan		Ahmdapur		Sukhawakalan		Lalapur		Puraini		Akwapur		kaimahraklan		Piprakalan		Manikapur	
		Length/ area ha	Quat.	Cost	Quat.	Cost	Quat.	Cost	Quat.	Cost	Quat.	Cost	Quat.	Cost	Quat.	Cost	Quat.	Cost	Quat.	Cost
	1. Watershed Development Work																			
	a. Land Development																			
1	Afforestation	Ha	1.16	0.278	1.83	0.44	1.42	0.34	1.42	0.34	0.67	0.16	0.5	0.12	1.54	0.37	0.96	0.23	1.13	0.27

2	Agriculture																			
3	Pasture																			
4	Horticulture		1.08	0.26	1.81	0.434	0.38	0.332	1.38	0.332	0.73	0.176	0.48	0.115	1.53	0.369	0.97	0.234	1.12	0.268
	Total		2.24	0.538	3.64	0.874	1.8	0.672	2.8	0.672	1.4	0.34	0.98	0.235	3.07	0.74	1.93	0.464	2.25	0.538
	b. Soil Moisture Conservation																			
1	Field Bunds	Mt.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Contour bunding	Mt.	3669	0.968	2056	0.542	2700	0.712	1850	0.488	1000	0.264	2000	0.527	1336	0.352	1500	0.395	2500	0.659
3	Marginal Bunds	Mt.	2225	2.568	3565	4.114	945	1.091	1954	2.255	1885	2.175	1315	1.518	5155	5.949	3125	3.606	3443	3.973
4	Peripheral Bunds	Mt.	1500	1.026	0	0	1200	0.82	0	0	600	0.41	0	0	0	0	0	0	0	0
5	Others / Pacca Structure	Mt.	8	0.28	6	0.21	5	0.175	3	0.105	5	0.175	2	0.07	10	0.35	5	0.175	6	0.21
	Total		7394	4.562	5621	4.656	4845	2.623	3804	2.743	3485	2.849	3315	2.045	6491	6.301	4625	4.001	5943	4.632
	c. Water Harvesting Structure																			
1	Form Ponds		0	0	1	3	1	3.25	1	3.2	0	0	0	0	0	0	0	0	0	0
	Total				1	3	1	3.25	1	3.2	0	0	0	0	0	0	0	0	0	0
Grand Total WDW			7396	5.1	5626	8.53	4847.8	6.545	3808	6.615	3486	3.185	3316	2.28	6494.1	7.04	4627	4.465	5945	5.17
Livelihood																				
1	Poultry	No.	0	0	1	0.25	1	0.25	1	0.25	1	0.25	0	0	1	0.25	0	0	0	0
2	Fishries	No.	1	0.25	1	0.25	1	0.25	1	0.25	0	0	0	0	1	0.25	1	0.25	1	0.25
3	Goatry	No.	1	0.25	1	0.25	1	0.25	1	0.25	1	0.25	0	0	1	0.25	1	0.25	1	0.25
4	Sewing	No.	0	0	1	0.25	1	0.25	1	0.25	2	0.5	0	0	1	0.25	1	0.25	1	0.25
5	Vermi Culture	No.	0	0	1	0.1	0	0	1	0.11	0	0	0	0	1	0.1	0	0	1	0.11
6	Pump set repair	No.	1	0.08	1	0.09	0	0	0	0	1	0.08	1	0.08	1	0.09	0	0	0	0
7	Carpentry	No.	2	0.3	0	0	0	0	0	0	2	0.3		2	0.3	0	0	0	0	0
	Total		5	0.88	6	1.19	4	1	5	1.11	7	1.38	1	2.08	6.3	1.19	3	0.75	4	0.86
Production System & Micro - Enterprises																				
	Production system																			
	a.Crop Demonstration																			

1	Wheat	Ha	10	0.22	12	0.26	10	0.22	10	0.22	6	0.135	5	0.108	11	0.239	9	0.195	10	0.217
2	Paidy	Ha	6	0.13	10	0.22	10	0.22	10	0.22	6	0.135	2	0.44	12	0.264	10	0.22	5	0.123
3	Mustard	Ha	6	0.13	15	0.32	9	0.2	9	0.2	7	0.15	2	0.048	10	0.217	7	0.165	6	0.13
4	Vermi Culture	Ha	2	0.2	3	0.3	2	0.2	2	0.2	0		0	0	2	0.2	0	0	2	0.2
	Total		24	0.68	40	1.1	31	0.84	31	0.84	19	0.42	9	0.596	35	0.92	26	0.58	23	0.67
	b. Micro-Enterprises																			
1	Rope Making	No.	0	0	1	0.25	1	0.21	1	0.21	0	0	0	0	1	0.25			0	0
2	Pump set repair	No.	2	0.13	3	0.21	2	0.15	2	0.15	0	0	2	0.12	1	0.25	1	0.25	0	0
3	Black Smithy	No.	1	0.15	0	0	0	0	0	0	1	0.18	0	0	1	0.15	0	0	2	0.29
	Total		3	0.28	4	0.46	3	0.36	3	0.36	1	0.18	2	0.12	3	0.65	1	0.25	2	0.29
	Grand Total		7428	6.94	5676	11.28	4885.8	8.745	3847	8.925	3513	5.165	3328	5.076	6538.4	9.8	4657	6.045	5974	6.99

Continue.....

Table No.5.1.1:

Name & Code of MWS-2B1H1d3b (Bhinaini)																				
S.No.	Name of Activities	No./	GP Name		GP Name		GP Name		GP Name		GP Name		GP Name		GP Name		GP Name		Rs. Lacs	
			Bhinaini		Moch Kalan		Lodhaura		Saddupur		Sankarpur		Seorukha Kalan		Devkliya		Akwapur		Total	
		Length/ area ha	Quat.	Cost	Quat.	Cost	Quat.	Cost	Quat.	Cost	Quat.	Cost	Quat.	Cost	Quat.	Cost	Quat.	Cost	Quat.	Cost
	1. Watershed Development Work																			
	a. Land Development																			

1	Afforestation	Ha	3.08	0.74	0.71	0.17	1.46	0.35	3.33	0.8	0.62	0.15	1.45	0.35	0.83	0.2	1.25	0.3	23.36	5.608
2	Agriculture																			
3	Pasture																			
4	Horticulture		3.07	0.738	0.7	0.17	1.45	349	3.33	0.8	0.63	0.15	1.46	0.356	0.84	0.203	1.27	0.31	23.23	5.588
	Total		6.15	1.478	1.41	0.34	2.91	349	6.66	1.6	1.25	0.3	2.91	0.706	1.67	0.403	2.52	0.61	46.59	11.196
	b. Soil Moisture Conservation																			
1	Field Bunds	Mt.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Contour bunding	Mt.	3200	0.844	2000	0.53	2000	0.53	3032	0.8	2600	0.69	3200	0.844	3000	0.791	3200	0.84	40843	10.77
3	Marginal Bunds	Mt.	3761	4.34	1145	1.32	1414	1.63	4795	5.53	1671	1.93	961	1.109	2306	2.661	3745	4.32	43410	50.094
4	Peripheral Bunds	Mt.	2000	1.368	1470	1	1400	0.96	2000	1.37	0	0	1500	1.026	0	0	0	0	11670	7.975
5	Others / Pacca Structure	Mt.	10	0.35	5	0.175	5	0.175	14	0.49	3	0.105	5	0.175	5	0.175	8	0.28	105	3.675
	Total		8961	6.552	4615	2.85	4814	3.12	9827	7.7	4271	2.61	5661	2.979	5306	3.452	6945	5.17	95923	68.839
	c. Water Harvesting Structure																			
1	Form Ponds		2	6.4	0	0	1	3	2	6.2	0	0	1	3.2	0	0	0	0	9	28.25
	Total		2	6.4	0	0	1	3	2	6.2	0	0	1	3.2	0	0	0	0	9	28.25
Grand Total WDW			8969	14.43	4616	3.19	4818	355	9836	15.5	4272	2.92	5665	6.885	5307.7	3.855	6948	5.77	95979	108.29
Livelihood																				
1	Poultry	Nos.	2	0.5	0	0	0	0	2	0.5	0	0	1	0.25	0	0	1	0.25	10	2.5
2	Fishries	Nos.	2	0.5	0	0	1	0.25	2	0.5	0	0	1	0.25	0	0	1	0.22	14	3.47
3	Goatry	Nos.	2	0.5	1	0.25	0	0	3	0.75	1	0.24	1	0.25	1	0.25	1	0.25	18	4.49
4	Sewing	Nos.	2	0.5	0	0	2	0.5	3	0.75	1	0.25	0	0	1	0.25	1	0.25	18	4.5
5	Vermi Culture	Nos.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.32
6	Pump set repair	Nos.	1	0.08	0	0	1	0.07	1	0.07	0	0	1	0.08	0	0	0	0	8	0.63
7	Carpentry	Nos.	2	0.3	2	0.29	2	0.3	0	0	0	0	2	0.3	1	0.15	0	0	14	2.08
	Total		11	2.38	3	0.54	6	1.12	11	2.57	2	0.49	6	1.13	3	0.65	4	0.97	85	17.99
	Production system																			

	a.Crop Demonstration																			
1	Wheat	Ha.	20	0.435	6	0.14	10	0.22	23	0.5	6	0.14	10	0.22	4	0.11	8	0.71	171	3.744
2	Paidy	Ha.	20	0.4	6	0.14	10	0.22	23	0.5	6	0.14	10	0.22	3	0.066	8	0.18	157	3.429
3	Mustard	Ha.	23	0.515	7	0.15	20	0.43	23	0.5	5	0.11	20	0.44	7	0.164	9	0.21	185	4.077
4	Vermi Culture	Ha.	5	0.5	0	0	0	0	5	0.5	0	0	0	0	0	0	2	0.2	26	2.6
	Total		68	1.85	19	0.42	40	0.87	74	2	17	0.38	40	0.88	14	0.34	27	1.3	539	13.85
	b. Micro-Enterprises																			
1	Rope Making	No.	2	0.5	0	0	1	0.25	2	0.5	0	0	1	0.25	1	0.22	1	0.25	13	3.14
2	Pump set repair	No.	0	0	0	0	2	0.13	5	0.36	2	0.16	2	0.13	0	0	1	0.07	23	1.61
3	Black Smithy	No.	2	0.29	1	0.18	0	0	0	0	0	0	0	0	0	0	0	0	8	1.24
	Total		4	0.79	1	0.18	3	0.38	7	0.86	2	0.16	3	0.38	1	0.22	2	0.32	44	5.99
	Grand Total		9052	19.45	4639	4.33	4867	358	9928	20.9	4293	3.95	5714	9.275	5325.7	5.065	6981	8.36	96647	146.12

Table No.5.1.2:

Name &Code of MWS-2B1H1d3c																		
S.No.	Name of Activities	No./ Length/ area ha	GP Name		GP Name		GP Name		GP Name		GP Name		GP Name		GP Name		Rs. Lacs	
			SarayaChlakapur		Bangawan		Inayatpur		Behti		Sadarpur		Paharapur		Khamaria		Total	
			Quat.	Cost	Quat.	Cost	Quat.	Cost	Quat.	Cost	Quat.	Cost	Quat.	Cost	Quat.	Cost	Quat.	Cost
	1. Work Development																	
	a. Land Development																	

1	Afforestation	Ha	1.08	0.26	0.5	0.12	1.45	0.350	1.54	0.37	1.42	0.34	1.83	0.44	2.62	0.63	10.44	2.51
2	Agriculture	Ha																
3	Pasture	Ha																
4	Harticulture	Ha	1.04	0.25	0.5	0.12	1.47	0.353	1.54	0.37	1.41	0.33	1.88	0.45	2.58	0.62	10.42	2.493
	Total		2.12	0.51	1	0.24	2.92	0.70	3.08	0.74	2.83	0.67	3.71	0.89	5.2	1.25	20.86	5.00
	b. Soil Moisture Conservation																	
1	Field Bunds	Mtr.																
2	Contour bunding	Mtr.	4200	1.107	1200	0.316	4000	1.055	3300	0.87	2800	0.738	2000	0.527	4500	1.187	22000	5.80
3	Marginal Bunds	Mtr.	3517	4.059	1524	1.76	1081	1.25	2474	2.86	4330	5.00	3023	3.49	5583	6.44	21532	24.85
4	Peripheral Bunds	Mtr.	1000	0.684	0	0	1287	0.88	0	0	0	0	1000	0.684	0	0	3287	2.25
5	Others / Puccka Structure	Mtr.	10	0.35	3	0.105	5	0.175	5	0.175	9	0.315	8	0.28	12	0.42	52	1.82
	Total		8727	6.20	2727	2.18	6373	3.36	5779	3.90	7139	6.05	6031	4.98	10095	8.05	46871	34.72
	c. Water Harvesting Structure																	
1	Form Ponds	No.	1	3.5	0	0	1	3	1	2.75	0	0	1	3	1	3.2	5	15.45
	Total		1	3.5	0	0	1	3	1	2.75	0	0	1	3	1	3.2	5	15.45
	Grand Total WDW		8730	10.21	2728	2.42	6376.9	7.06	5783	7.39	7142	6.72	6036	8.87	10101	12.5	46897	55.17
	Livelihood																	
1	Poultry	No.	1	0.25	0	0	1	0.25	1	0.25	1	0.25	1	0.25	2	0.5	7	1.75
2	Fishries	No.	1	0.25	0	0	1	0.25	1	0.25	1	0.25	1	0.25	1	0.25	6	1.5
3	Goatry	No.	2	0.5	0	0	1	0.25	1	0.25	1	0.25	1	0.25	2	0.5	8	2
4	Sewing	No.	2	0.5	1	0.25	0	0	1	0.25	1	0.25	2	0.5	3	0.76	10	2.51
5	Vermi Culture	No.	0	0	0	0	0	0	1	0.1	0	0	1	0.1	0	0	2	0.2
6	Pump Set Repair	No.	0	0	0	0	1	0.08	1	0.09	1	0.08	1	0.08	0	0	4	0.33
7	Carpentry	No.	1	0.14	1	0.14	2	0.3	0	0	0	0	0	0	0	0	4	0.58
	Total		7	1.64	2	0.39	6	1.13	6	1.19	5	1.08	7	1.43	8	2.01	41	8.87
	Production System & Micro - Enterprises																	
	Production system																	
	a.Crop Demostration																	
1	Wheat	Ha	15	0.33	4	0.1	10	0.22	11	0.239	10	0.22	12	0.26	16	0.348	78	1.717
2	Paidy	Ha	13	0.29	0	0	10	0.22	12	0.264	10	0.22	10	0.22	16	0.352	71	1.566
3	Mustard	Ha	12	0.26	0	0	20	0.44	10	0.217	9	0.2	15	0.33	16	0.36	82	1.807
4	Vermi Culture	Ha	4	0.39	2	0.2	0	0	2	0.2	2	0.2	3	0.3	5	0.5	18	1.79
	Total		44	1.27	6	0.3	40	0.88	35	0.92	31	0.84	40	1.11	53	1.56	249	6.88
	b. Micro-Enterprises																	
1	Rope Making	No.	1	0.25	0	0	1	0.25	1	0.25	1	0.21	1	0.25	2	0.5	7	1.71
2	Pump Set Repair	No.	0	0	2	0.13	2	0.13	0	0	2	0.15	3	0.22	2	0.17	11	0.8
3	Black Smithy	No.	2	0.3	0	0	0	0	1	0.15	0	0	0	0	0	0	3	0.45
	Total	No.	3	0.55	2	0.13	3	0.38	2	0.4	3	0.36	4	0.47	4	0.67	21	2.96

	Grand Total		8784	13.67	2738	3.24	6425.9	9.45	5826	9.9	7181	9	6087	11.88	10166	16.74	47208	73.88
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5.2 ACTIVITIES WISE PHYSICAL AND FINANCIAL SUMMARY OF WORK PHASE

		Land Development		Soil Moisture Conservation Work				WHS		
	Name of MWS	Afforestation/ Plantation	Horticulture	Contour Bunds	Marginal Bunds	Peripheral Bunds	Pukka structure	Ponds	Ceck Dam	T. Cost

S.no.	MWS Name	Ha.	Cost	Ha.	Cost	Length (Mtr.)	Cost	Length (Mtr.)	Cost	Length (Mtr.)	Cost	No.	Cost	No.	Cost	No.	Cost	
1	(2B1H1d3b (Bhinaini))	23.36	5.608	23.23	5.588	45529	12.01	70147	80.949	11670	7.982	122	4.27	9	28.25	0	0	144.657
2	(2B1H1d3c (Behti))	10.44	2.51	10.42	2.493	45315	11.954	42283	48794	20614	14.09	125	4.375	5	15.45	0	0	99.666
	Total	3380	8.118	33.65	8.081	90844	23.964	112430	129.743	32284	22.072	247	8.645	14	43.70	0	0	244.323

PHOTOGRAPHS OF WORK



Village - Rushan Watershed code - 2B1H1d3b
Block – Biswa, Name of work –Peripheral bund



Village - Mochkala Watershed code - 2B1H1d3b
Block – Biswa, Name of work –Contour bund

Table No. 5.3: Details of Convergence of IWMP-I with other Schemes

S. No.	Name of Gram Panchayat	Names of Departments with Schemes converging with	Fund made available to IWMP due to convergence	Was this fund included in Rs.12,000/ 15,000 per ha.	Name of activity/task/structure undertaken with converged funds	Reference no. of activity/ task/ structure in DPR@	Level at which decision for convergence was taken ^s
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		IWMP-I						
				Yes	No	(a) Structures (b) livelihoods (c) Any other (pl. specify) [#]		
1	2B1H1d3b (Bhinaini)		32.697					
2	2B1H1d3c (Behti)		44.496					
	Total for project		77.193					

CHAPTER-6

PHASING AND BUDGETING

6.1 FINANCIAL BREAKUP OF VARIOUS COMPONENT IN TERMS OF % OF IWMP-I, DISTRICT-SITAPUR														
											Amount in Lacs			
S. No.	Name and Code of MWS	Project Area	Proposed Amount	Administrative 10%	EPA 4%	Institution and CB 5%	DPR 1%	Watershed development work 56%	Livelihood for assetless 9%	Production system and Micro enterprises 10%	Monitoring 1%	Evaluation 1%	Consolidation 3%	Total 100%
1	2B1H1d3b (Bhinaini)	1666	199.92	19.99	8.00	10.00	2.00	111.96	17.99	19.99	2.00	2.00	6.00	199.92
2	2B1H1d3c (Behti)	821	98.52	9.85	3.94	4.93	0.99	55.17	8.87	9.85	0.99	0.99	2.96	98.52
	Total	2487	298.44	29.844	11.9376	14.922	2.9844	167.1264	26.8596	29.844	2.9844	2.9844	8.9532	298.44

6.2 YEAR WISE FINANCIAL BREAK UP OF INST. & CAP. BULDG. PROGRAMME OF IWMP-I, DISTRICT-SITAPUR

							Amount in Lacs	
S. No.	Name and Code of MWS	Project Area	Proposed Amount	Institutional & Capacity Building 5% of the Total Project Cost				
				2009-10	2010-11	2011-12	212-13	Total
1	2B1H1d3b (Bhinaini)	1666	10.00	6.00	1.50	1.50	1.00	10.00
2	2B1H1d3c (Behti)	821	4.93	2.96	0.74	0.74	0.49	4.93
	TOTAL	2487	14.922	8.9532	2.2383	2.2383	1.4922	14.922

6.3 YEAR WISE FINANCIAL BREAK UP OF LIVELIHOOD ACTIVITIES IWMP-I, DISTRICT-SITAPUR					
					Amount in Lacs
S. No.	Name and Code of MWS	Project Area	Proposed Amount	Livelihood 9% of the Project Cost	

				2009-10	2010-11	2011-12	2012-13	TOTAL
1	2B1H1d3b (Bhinaini)	1666	17.99	2.00	5.00	5.00	6.00	17.99
2	2B1H1d3c (Behti)	821	8.87	0.99	2.46	2.46	2.96	8.87
	TOTAL	2487	26.86	2.98	7.46	7.46	8.95	26.86
6.4 YEAR WISE FINANCIAL BREAK UP OF PRODUCTION & MICRO ENTERPRISES OF IWMP-I, DISTRICT-SITAPUR								
						Amount in Lacs		
S. No.	Name and Code of MWS	Project Area	Proposed Amount	Production System & Mocre-enterprises 10% of the Project Cost				
				2009-10	2010-11	2011-12	2012-13	Total
1	2B1H1d3b (Bhinaini)	1666	19.99	2.00	5.00	5.00	8.00	19.99
2	2B1H1d3c (Behti)	821	9.85	0.99	2.46	2.46	3.94	9.85
	TOTAL	2487	29.84	2.98	7.46	7.46	11.94	29.84

6.5 PROJECTWISE/YEARWISE FINANCIAL BREAK UP OF WORK COMPONENT OF IWMP-I, DISTRICT-SITAPUR								
								Amount in Lacs
S. No.	Name and Code of MWS	Project Area	Proposed Amount	Work Component 56% of Project Cost				
				2009-10	2010-11	2011-12	2012-13	Total
1	2B1H1d3b (Bhinaini)	1666	111.96	14.99	32.69	31.99	32.29	111.96
2	2B1H1d3c (Behti)	821	55.17	7.39	16.11	15.76	15.91	55.17
	TOTAL	2487	167.13	22.38	48.79	47.75	48.20	167.13

6.6 FINANCIAL BREAKUP OF VARIOUS COMPONENT IN TERMS OF % OF IWMP-I, DISTRICT-SITAPUR											
											Amount in Lacs

S. No.	Name of Gram Panchayat	Project Area	Proposed Amount	Administrative 10%	EPA 4%	Institution and CB 5%	DPR 1%	Watershed development work 56%	Livelihood for assetless 9%	Production system and Microenterprises 10%	Monitoring 1%	Evaluation 1%	Consolidation 3%	Total 100%
1	Sirsa Kalan	80	9.60	0.96	0.38	0.48	0.10	5.38	0.86	0.96	0.10	0.10	0.29	9.60
2	Ahmadapur	130	15.60	1.56	0.62	0.78	0.16	8.74	1.40	1.56	0.16	0.16	0.47	15.60
3	Sukhawan Kalan	100	12.00	1.20	0.48	0.60	0.12	6.72	1.08	1.20	0.12	0.12	0.36	12.00
4	Lalpur	100	12.00	1.20	0.48	0.60	0.12	6.72	1.08	1.20	0.12	0.12	0.36	12.00
5	Puraini	50	6.00	0.60	0.24	0.30	0.06	3.36	0.54	0.60	0.06	0.06	0.18	6.00
6	Akbapur	35	4.20	0.42	0.17	0.21	0.04	2.35	0.38	0.42	0.04	0.04	0.13	4.20
7	Kaimhara Kalan	110	13.20	1.32	0.53	0.66	0.13	7.39	1.19	1.32	0.13	0.13	0.40	13.20
8	Pipra Kalan	69	8.28	0.83	0.33	0.41	0.08	4.64	0.75	0.83	0.08	0.08	0.25	8.28
9	Mankapur	80	9.60	0.96	0.38	0.48	0.10	5.38	0.86	0.96	0.10	0.10	0.29	9.60
10	Bhinaini	220	26.40	2.64	1.06	1.32	0.26	14.78	2.38	2.64	0.26	0.26	0.79	26.40
11	Moch Kalan	50	6.00	0.60	0.24	0.30	0.06	3.36	0.54	0.60	0.06	0.06	0.18	6.00
12	Lodhaura Kalan	104	12.48	1.248	0.4992	0.624	0.1248	6.9888	1.1232	1.248	0.1248	0.1248	0.3744	12.48
13	Saddhupur	238	28.56	2.856	1.1424	1.428	0.2856	15.9936	2.5704	2.856	0.2856	0.2856	0.8568	28.56
14	Shankarpur	45	5.4	0.54	0.216	0.27	0.054	3.024	0.486	0.54	0.054	0.054	0.162	5.4
15	Seurukh Kalan	105	12.6	1.26	0.504	0.63	0.126	7.056	1.134	1.26	0.126	0.126	0.378	12.6
16	Devkaliya	60	7.2	0.72	0.288	0.36	0.072	4.032	0.648	0.72	0.072	0.072	0.216	7.2
17	Akbapur	90	10.8	1.08	0.432	0.54	0.108	6.048	0.972	1.08	0.108	0.108	0.324	10.8
18	Saraiya Chalakapur	152	18.24	1.824	0.7296	0.912	0.1824	10.2144	1.6416	1.824	0.1824	0.1824	0.5472	18.24
19	Bangawan	36	4.32	0.432	0.1728	0.216	0.0432	2.4192	0.3888	0.432	0.0432	0.0432	0.1296	4.32

20	Inayatpur	105	12.6	1.26	0.504	0.63	0.126	7.056	1.134	1.26	0.126	0.126	0.378	12.6
21	Behti	110	13.2	1.32	0.528	0.66	0.132	7.392	1.188	1.32	0.132	0.132	0.396	13.2
22	Sadarpur	100	12	1.2	0.48	0.6	0.12	6.72	1.08	1.2	0.12	0.12	0.36	12
23	Pahadapur	132	15.84	1.584	0.6336	0.792	0.1584	8.8704	1.4256	1.584	0.1584	0.1584	0.4752	15.84
24	Kamhariya	186	22.32	2.232	0.8928	1.116	0.2232	12.4992	2.0088	2.232	0.2232	0.2232	0.6696	22.32
	Total	2487	298.44	29.844	11.9376	14.922	2.9844	167.1264	26.8596	29.844	2.9844	2.9844	8.9532	298.44

6.7 YEARWISE FINANCIAL BREAK UP OF INST. & CAP. BULDG. PROGRAMME OF IWMP-I, DISTRICT-SITAPUR								
							Amount in Lacs	
S. No.	GP NAME	Project Area	Proposed Amount	Institutional & Capacity Building 5% of the Total Project Cost				
				2009-10	2010-11	2011-12	212-13	Total
1	Sirsa Kalan	80	0.48	0.29	0.07	0.07	0.05	0.48
2	Ahmadapur	130	0.78	0.47	0.12	0.12	0.08	0.78
3	Sukhawan Kalan	100	0.60	0.36	0.09	0.09	0.06	0.60
4	Lalpur	100	0.60	0.36	0.09	0.09	0.06	0.60
5	Puraini	50	0.30	0.18	0.05	0.05	0.03	0.30
6	Akbapur	35	0.21	0.13	0.03	0.03	0.02	0.21
7	Kaimhara Kalan	110	0.66	0.40	0.10	0.10	0.07	0.66
8	Pipra Kalan	69	0.41	0.25	0.06	0.06	0.04	0.41
9	Mankapur	80	0.48	0.29	0.07	0.07	0.05	0.48
10	Bhinaini	220	1.32	0.79	0.20	0.20	0.13	1.32
11	Moch Kalan	50	0.30	0.18	0.05	0.05	0.03	0.30
12	Lodhaura Kalan	104	0.62	0.37	0.09	0.09	0.06	0.62
13	Saddhupur	238	1.43	0.86	0.21	0.21	0.14	1.43
14	Shankarpur	45	0.27	0.16	0.04	0.04	0.03	0.27
15	Seurukh Kalan	105	0.63	0.38	0.09	0.09	0.06	0.63

16	Devkaliya	60	0.36	0.22	0.05	0.05	0.04	0.36
17	Akbapur	90	0.54	0.32	0.08	0.08	0.05	0.54
18	Saraiya Chalakapur	152	0.91	0.55	0.14	0.14	0.09	0.91
19	Bangawan	36	0.22	0.13	0.03	0.03	0.02	0.22
20	Inayatpur	105	0.63	0.38	0.09	0.09	0.06	0.63
21	Behti	110	0.66	0.40	0.10	0.10	0.07	0.66
22	Sadarpur	100	0.60	0.36	0.09	0.09	0.06	0.60
23	Pahadapur	132	0.79	0.48	0.12	0.12	0.08	0.79
24	Kamhariya	186	1.12	0.67	0.17	0.17	0.11	1.12
	TOTAL	2487	14.922	8.9532	2.2383	2.2383	1.4922	14.922

6.8 YEARWISE FINANCIAL BREAK UP OF LIVELIHOOD ACTIVITIES IWMP-I, DISTRICT-SITAPUR								
								Amount in Lacs
S. No.	Name of Gram Panchayat	Project Area	Proposed Amount	Livelihood 9% of the Project Cost				
				2009-10	2010-11	2011-12	2012-13	TOTAL
1	Sirsa Kalan	80	0.86	0.10	0.24	0.24	0.29	0.86
2	Ahmadapur	130	1.40	0.16	0.39	0.39	0.47	1.40
3	Sukhawan Kalan	100	1.08	0.12	0.30	0.30	0.36	1.08
4	Lalpur	100	1.08	0.12	0.30	0.30	0.36	1.08
5	Puraini	50	0.54	0.06	0.15	0.15	0.18	0.54
6	Akbapur	35	0.38	0.04	0.11	0.11	0.13	0.38
7	Kaimhara Kalan	110	1.19	0.13	0.33	0.33	0.40	1.19
8	Pipra Kalan	69	0.75	0.08	0.21	0.21	0.25	0.75

9	Mankapur	80	0.86	0.10	0.24	0.24	0.29	0.86
10	Bhinaini	220	2.38	0.26	0.66	0.66	0.79	2.38
11	Moch Kalan	50	0.54	0.06	0.15	0.15	0.18	0.54
12	Lodhaura Kalan	104	1.12	0.12	0.31	0.31	0.37	1.12
13	Saddhupur	238	2.57	0.29	0.71	0.71	0.86	2.57
14	Shankarpur	45	0.49	0.05	0.14	0.14	0.16	0.49
15	Seurukh Kalan	105	1.13	0.13	0.32	0.32	0.38	1.13
16	Devkaliya	60	0.65	0.07	0.18	0.18	0.22	0.65
17	Akbapur	90	0.97	0.11	0.27	0.27	0.32	0.97
18	Saraiya Chalakapur	152	1.64	0.18	0.46	0.46	0.55	1.64
12	Bangawan	36	0.39	0.04	0.11	0.11	0.13	0.39
13	Inayatpur	105	1.13	0.13	0.32	0.32	0.38	1.13
14	Behti	110	1.19	0.13	0.33	0.33	0.40	1.19
15	Sadarpur	100	1.08	0.12	0.30	0.30	0.36	1.08
23	Pahadapur	132	1.43	0.16	0.40	0.40	0.48	1.43
24	Kamhariya	186	2.01	0.22	0.56	0.56	0.67	2.01
	TOTAL	2487	26.86	2.98	7.46	7.46	8.95	26.86

6.9 YEAR WISE FINANCIAL BREAK UP OF PRODUCTION & MICRO ENTERPRISES OF IWMP-I, DISTRICT-SITAPUR

							Amount in Lacs	
S. No.	Name of Gram Panchayat	Project Area	Proposed Amount	Production System & Mocre-enterprises 10% of the Project Cost				
				2009-10	2010-11	2011-12	2012-13	Total
1	Sirsa Kalan	80	0.96	0.10	0.24	0.24	0.38	0.96
2	Ahmadapur	130	1.56	0.16	0.39	0.39	0.62	1.56
3	Sukhawan Kalan	100	1.20	0.12	0.30	0.30	0.48	1.20
4	Lalpur	100	1.20	0.12	0.30	0.30	0.48	1.20
5	Puraini	50	0.60	0.06	0.15	0.15	0.24	0.60
6	Akbapur	35	0.42	0.04	0.11	0.11	0.17	0.42
7	Kaimhara Kalan	110	1.32	0.13	0.33	0.33	0.53	1.32
8	Pipra Kalan	69	0.83	0.08	0.21	0.21	0.33	0.83
9	Mankapur	80	0.96	0.10	0.24	0.24	0.38	0.96
10	Bhinaini	220	2.64	0.26	0.66	0.66	1.06	2.64
11	Moch Kalan	50	0.60	0.06	0.15	0.15	0.24	0.60
12	Lodhaura Kalan	104	1.25	0.12	0.31	0.31	0.50	1.25
13	Saddhupur	238	2.86	0.29	0.71	0.71	1.14	2.86
14	Shankarpur	45	0.54	0.05	0.14	0.14	0.22	0.54
15	Seurukh Kalan	105	1.26	0.13	0.32	0.32	0.50	1.26
16	Devkaliya	60	0.72	0.07	0.18	0.18	0.29	0.72
17	Akbapur	90	1.08	0.11	0.27	0.27	0.43	1.08
18	Saraiya Chalakapur	152	1.82	0.18	0.46	0.46	0.73	1.82
12	Bangawan	36	0.43	0.04	0.11	0.11	0.17	0.43
13	Inayatpur	105	1.26	0.13	0.32	0.32	0.50	1.26
14	Behti	110	1.32	0.13	0.33	0.33	0.53	1.32
15	Sadarpur	100	1.20	0.12	0.30	0.30	0.48	1.20
23	Pahadapur	132	1.58	0.16	0.40	0.40	0.63	1.58
24	Kamhariya	186	2.23	0.22	0.56	0.56	0.89	2.23
	TOTAL	2487	29.84	2.98	7.46	7.46	11.94	29.84

6.10 PROJECTWISE/YEARWISE FINANCIAL BREAK UP OF WORK COMPONENT OF IWMP-I, DISTRICT-SITAPUR								
							Amount in Lacs	
S. No.	NAME OF GP	Project Area	Proposed Amount	Work Component 56% of Project Cost				
				2009-10	2010-11	2011-12	2012-13	Total
1	Sirsa Kalan	80	5.38	0.72	1.57	1.54	1.55	5.38
2	Ahmadapur	130	8.74	1.17	2.55	2.50	2.52	8.74
3	Sukhawan Kalan	100	6.72	0.90	1.96	1.92	1.94	6.72
4	Lalpur	100	6.72	0.90	1.96	1.92	1.94	6.72
5	Puraini	50	3.36	0.45	0.98	0.96	0.97	3.36
6	Akbapur	35	2.35	0.32	0.69	0.67	0.68	2.35
7	Kaimhara Kalan	110	7.39	0.99	2.16	2.11	2.13	7.39
8	Pipra Kalan	69	4.64	0.62	1.35	1.32	1.34	4.64
9	Mankapur	80	5.38	0.72	1.57	1.54	1.55	5.38
10	Bhinaini	220	14.78	1.98	4.32	4.22	4.26	14.78
11	Moch Kalan	50	3.36	0.45	0.98	0.96	0.97	3.36
12	Lodhaura Kalan	104	6.99	0.94	2.04	2.00	2.02	6.99
13	Saddhupur	238	15.99	2.14	4.67	4.57	4.61	15.99
14	Shankarpur	45	3.02	0.41	0.88	0.86	0.87	3.02
15	Seurukh Kalan	105	7.06	0.95	2.06	2.02	2.03	7.06
16	Devkaliya	60	4.03	0.54	1.18	1.15	1.16	4.03
17	Akbapur	90	6.05	0.81	1.77	1.73	1.74	6.05
18	Saraiya Chalakapur	152	10.21	1.37	2.98	2.92	2.95	10.21
19	Bangawan	36	2.42	0.32	0.71	0.69	0.70	2.42
20	Inayatpur	105	7.06	0.95	2.06	2.02	2.03	7.06
21	Behti	110	7.39	0.99	2.16	2.11	2.13	7.39
22	Sadarpur	100	6.72	0.90	1.96	1.92	1.94	6.72
23	Pahadapur	132	8.87	1.19	2.59	2.53	2.56	8.87
24	Kamhariya	186	12.50	1.67	3.65	3.57	3.60	12.50
	TOTAL	2487	167.13	22.38	48.79	47.75	48.20	167.13

CHAPTER-7

CONSOLIDATION AND WITHDRAWAL STRATEGY

7.1 Quality and Sustainability Issues

7.1.1 Plans for Monitoring and Evaluation

A Web-based GIS System is being developed for monitoring and evaluating the project in its planning & implementation phases. The system would be available on a public domain and can be accessed by all the stakeholders of the project. The system shows the entire state of Uttar Pradesh and all of those areas selected over the next 18 years. Filtering allows the user to zoom onto one particular project. Details related to soil type, Land-use classification, inhabitation etc., can be obtained village-wise. Furthermore, survey-number wise details related to ownership, irrigation source, yield etc., can also be accessed by the users of the system. This system is being used for pooling up the details obtained from the DPR. In other words, the DPR is made available online in the form of a database which will help the stakeholders know areas of importance viz., already treated areas/historical works in the area, proposed areas for treatment etc., for further treatment and planning. The system would also show the satellite imageries of various years from the project inception stage to the project closing stages. This allows the user to evaluate the effectiveness of the treatment and thereby plan corrective measures for the project area. The system would serve as an aiding tool to the planners and evaluators for judging the efficacy of the project.

Yet another component of the Web-based GIS system is the Mobile based Monitoring & Evaluation System, which will help the ground staff alias WDTs (Watershed Development Team) to transmit information from the ground level to the central server. Also, any higher-up official in charge of the project can obtain information regarding the project area on their mobile phone by means of an SMS. The system works in the following manner. The WDT equipped with a GPS instrument marks the latitude-longitude information of various treatment areas during the DPR. The probable sites are then transferred onto the central server. During the works phase, any progress in the treatment areas is reported to the server by means of an SMS by the WDT. Similarly, any nodal officer or higher-up official can view the progress in a project by means of summarized reports generated over frequent periods of time.

7.1.2 Plans for Project management:

The Project management of any watershed programme is very important. It mainly depends upon the community organization and the village level institutes in IWMP-I Sitapur watershed committee and various user groups have been formulated for post project operation and maintenance of assets created during project period. Major emphasis will be on equity and sustainable benefit of the project even after

implementation stage. A proper link-up will be built during project period with various institutes and capacity building organization. They will act as a major kingpin during post implementation for scaling up the successful experience during project.

7.1.3 Watershed Development Fund:

The major source of financial assistance after post implementation period is watershed Development Fund. The contribution of it will come mainly from the following: Attention:

7.1.4 User Charges:

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

7.2 WATERSHED DEVELOPMENT WORKS

Watershed development works are to be done during 1st to second phase of watershed project. A multi-tier ridge to valley sequence approach should be approached towards implementation of watershed development projects. A net budget of 60 percent is allotted for this work.

Table No.7.1: BACKWARD-FORWARD LINKAGES

S. No.	Project	Type of Marketing Facility	Pre-project (no.)	During the project (no.)	Post-project (no.)
1	<i>IWMP- I</i>	Backward linkages			
		Seed certification	2	2	6
		Seed supply system	3	3	8
		Fertilizer supply system	3	3	5
		Pesticide supply system	9	9	18
		Credit institutions	Bank-5	Bank-7	Bank-20
		Water supply	-	-	-
		Extension services	4	6	16
		Nurseries	3	3	13
		Tools/machinery suppliers	-	-	7
		Price Support system	-	-	6
		Labour	-	-	-
		Any other (please specify)	-	-	-
		Forward linkages			
		Harvesting/threshing machinery	4	9	15
		Storage (including cold storage)	3	3	8
		Road network			
		Transport facilities	-	-	-
		Markets / Mandis	9	13	23
		Agro and other Industries	2	6	9
		Milk and other collection centres	-	2	7
		Labour	-	-	-
		Hatchery (Portable)	-	5	13
		Vermi-compost unit	-	4	9
		Animal Mineral Mixture	-	-	50 gm/day/animal

TABLE NO. 7.2: LOGICAL FRAMEWORK ANALYSIS

Components	Activities	Outputs	Effect	Impact
Village Institution Formation	. Formation of Watershed Committee, User Group	. One Watershed Committee each village	. Project can be implemented and managed in a democratic and participatory way ensuring equity.	. Unity and prosperity in the village management.
		. Number of User group depending on the coverage of particular intervention		. People's Participation and positive perception towards the programme
Strengthening Village Institutions	. Organise training and awareness programme for Village institutions	. awareness camps to be organised.	. Quality of management of common resources improved.	
	. Capacity building workshops and exposure visits User Group and Watershed Committee	. trainings and exposure visits UGs and WCs to be held	. Quality of distribution of benefits between people improved.	
	. Facilitating and monitoring the functioning of UGs and WCs	. Capacity building workshops to be organised	. Increased awareness amongst women about village resources.	
	. Strengthen linkages between UGs and WCs and Panchayat Institutions.	. 1 Federations of UGs and WC to be formed.	. Women participation enhanced in decision-making of GVCs.	
	. Gender sensitisation of		. Involvement of youth and children in village development increased.	
	UGs and WCs to increase			
	inclusiveness of samuh			
	decision-making.			
. Sensitise village communities to involve children and youth in development.				
Fund Management	. Improve management and utilisation of UGs and WCs.	. UGs and WCs operating bank account and managing resources on their own	. Purpose, frequency and volume of use of the fund enhanced.	
	. Prepare communities to explore other sources of income for UGs and WCs.		. Volume of funds generated for UGs and WCs from other sources of income increased.	
Ecological Restoration	. Protection, treatment and regeneration of common and private lands	. Common and private lands to be brought under new plantations and agro-horti-forestry like Neem, Adusa, prosopis, Banyan and Peepul	. Fodder availability from common and private lands increased.	. Better Ecological order in the area

	. Protection, treatment and regeneration of forest lands	. Forest lands to be brought under new plantations and protection	. Accessibility to common and forest lands increased with removal of encroachments and resolution of conflicts.	. Increase in the proportion of households having more security of fodder
	. Plantation of fruits and forest species	. Trainings, exposure visits and meetings to be organised for communities, village volunteers and staff		. Reduction in drudgery of fodder and fuel collection, especially women
	. Impart trainings, conduct meetings and organise exposure visits for communities, village volunteers and staff to effectively plan, execute and monitor activities	. Income generation intervention promoted		
	. Identification and promotion of non-timber forest produce based income generation activities			
Rainfed Area Development	. Treatment of land through improved soil and moisture conservation practices on watershed basis	. Land to be brought under improved soil moisture conservation practices	. Improved productivity of treated land	. Increase in proportion of households having more security of food
	. Promotion of good agricultural practices- horticulture, improved crop and vegetable	. Good agricultural practices to be promoted	. Increased availability of water in wells	
		. Organic farming to be promoted	. Increase in annual agriculture production	
		. Fodder banks to be established	. Farmers adopt organic farming practices	
	. Promotion of organic farming practices	. Agriculture based livelihood income generation activities to be promoted	. Fodder security of farmers enhanced.	. Increase in contribution of agricultural income to the household income
	. Formation of Fodder banks to increase fodder security and promote	. Water harvesting structures to be constructed	. Increase availability of water for 9 to 12 months	
	dairy development among communities			
	. Identification and promotion of agri-produce based income generation activities like grading, processing and packaging.	. Drip Irrigation facilities to be distributed among farmers	. Increased availability of water for livestock	

	. Promotion of better Irrigation practices like drip irrigation	. Approx 15000 person days of employment to be generated	. Availability of irrigation water established	
	. Impart trainings, conduct meetings and organise exposure visits of communities, village volunteers and staff to effectively plan, execute and monitor activities	. Trainings, exposure visits and meetings to be organized for communities, village volunteers and staff	. Farmers take two crops in a year	
			agricultural productivity of land	
			. Availability of drinking water enhanced	
Women's Socio-political and economic empowerment	. Formation & Strengthening of women's SHG groups	. Women's SHG groups to be formed	. Enhanced capacities of leaders of women's group in taking initiatives to solve problems at different levels.	. Position of women in household, community, society (politically, socially and economically) as perceived by women and community at large
	. Capacity building of womenfolk	. Federation of Women's SHGs to be formed	. Improved access to credit for livelihood purposes.	. Performance enhancement of SHGs in terms of participation, decision-making, leadership and fund management.
	. Capacity building of SHG leaders and accountants	. Trainings to be conducted for preparation of woolen products from sheep and goats	. Increased household income.	. Equality & Equity in gender relations at home (decision making, expenditure, children's education, health)
	. Linking SHGs with external financial institutions			

CHAPTER-8

EXPECTED OUTCOMES

TABLE NO. 8.1: EXPECTED/ESTIMATED OUTCOMES OF IWMP-I

S.No.	Item	Unit	Pre-Project Status	Post -Project Status
01	02	03	04	05
01	Status of water table (Average)	Meters BGL(m)	4.40	3.50
02	Ground water structures repaired rejuvenated	No's	-	27
03	Quality of drinking water	Quality	Good	Improved
04	Availability of drinking water	No of days	315	359
05	Increase in irrigated area	Ha	5631.74	7000.00
	Rainfed Area	Ha	2387.5	1019.24
	CHANGE IN CROPPING/LAND USE PATTERN			
06	Area under agricultural crop	Ha	8019.24	8118.74
	I- Area under single crop	Ha	5023.25	2634.53
	II- Area under double crop	Ha	2205.38	4262.339
	III- Area under multiple crop	Ha	790.61	1221.88
	IV- Cropping Intensity	%	150	200
07	Increase in area under vegetation(tree cover)	Ha	2	50
08	Increase in area under horticulture	Ha.	8.20	242
09	Area under fuel& Fodder	Ha.	482.00	987.00
10	Increase in milk production	Lt/ day	3681	4600
11	No. of SHGs	No.	Nil	162
12	Migration	No.	644	350
13	SHG federations formed	No.	-	15
14	Credit linkage with banks	No.	5	20
15	User Group	No.	-	06
16	No. of WSC Found	No.	-	24

8.1 EMPLOYMENT

Employment has always been a problem in the village. The principal occupations of the people are dry land agriculture, animal husbandry and casual labour work. 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 labour, either in the village itself or outside it.

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

8.2 EMPLOYMENT GENERATION

Labour migration in search of gainful employment of one the major problems in the remote watershed in particular. Causal employment opportunities to the tune of more than 1.11 lakh mandays will be generated during the implementation of the project activities. However, the changes in land use pattern and adoption of other subsidiary enterprises will generate employment opportunities for person of 1.92 lakh mandays in the watershed during project.

8.3 MIGRATION

Low rainfall results in very little food and fodder availability in the Project area. The relatively migrate other cities such as Lucknow and Kanpur (approximately 80-170 kms away) collectively; but the resource poor cannot afford it. On account of agriculture and animal husbandry providing only part time employment for some part of the year, the people migrate for a better half of the year for wage labour.

Employment opportunities in the local area as mentioned above will ensure lessening seasonal migration from the area.

8.4 CROPS

Agriculture primarily depends upon water; but this is what is lacking in IWMP-I village. The surface water is scanty due to low rainfall and ground water which is unfit for crop production.

All this can change with the integrated land and water management during the watershed project. The planned earthen bunds would prevent the water and also help percolate water underground, and preserve some moisture in the soil. This will help in additional area coming under cultivation and increasing productivity too. The farmers can take more than one season of crops. Different varieties of crops can be taken.

CHAPTER - 9

M A P S

LOCATION MAP OF THE PROJECT AREA DISTRICT - SITAPUR

UP



DISTRICT- SITAPUR



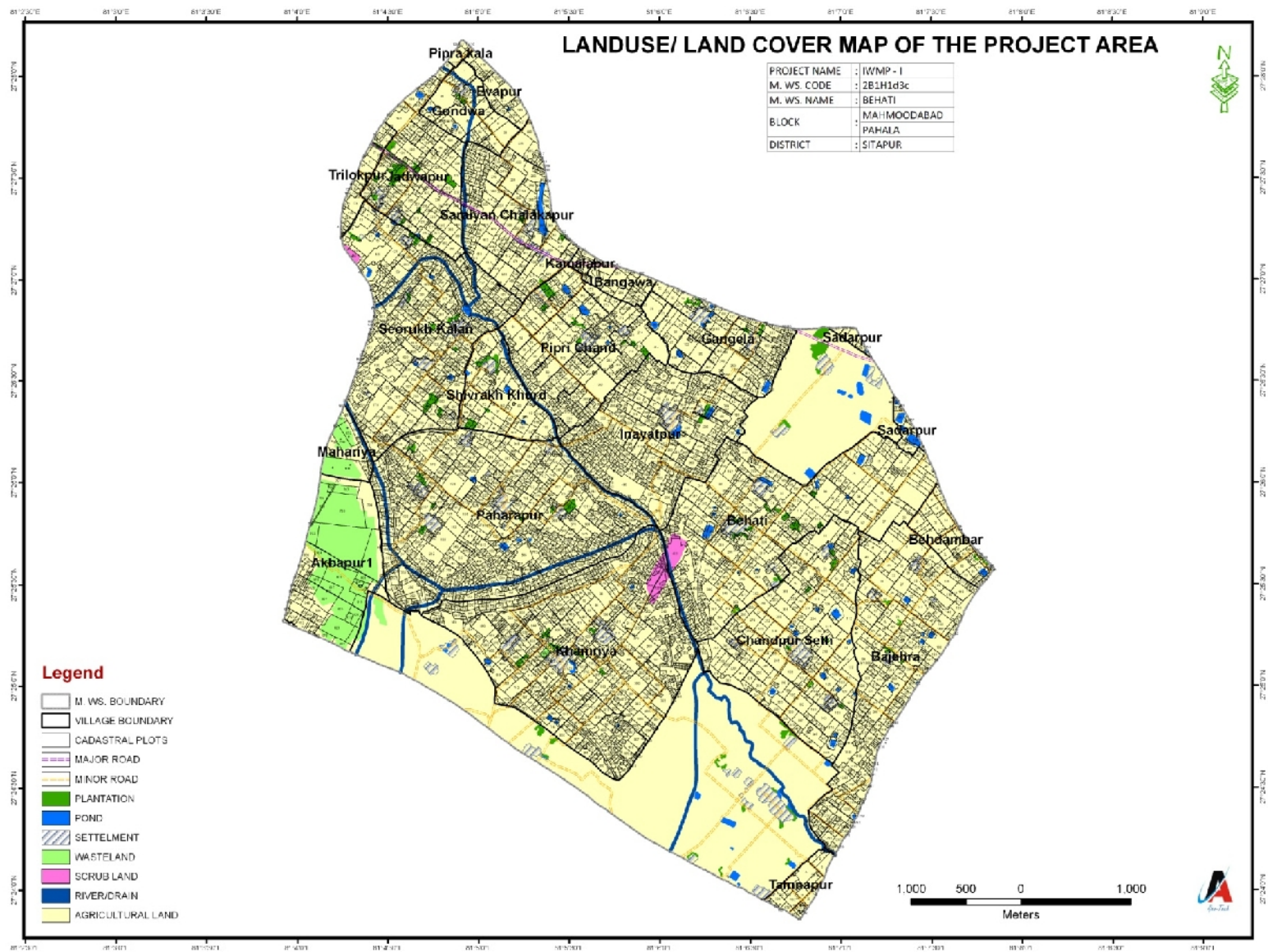
IWMP- I

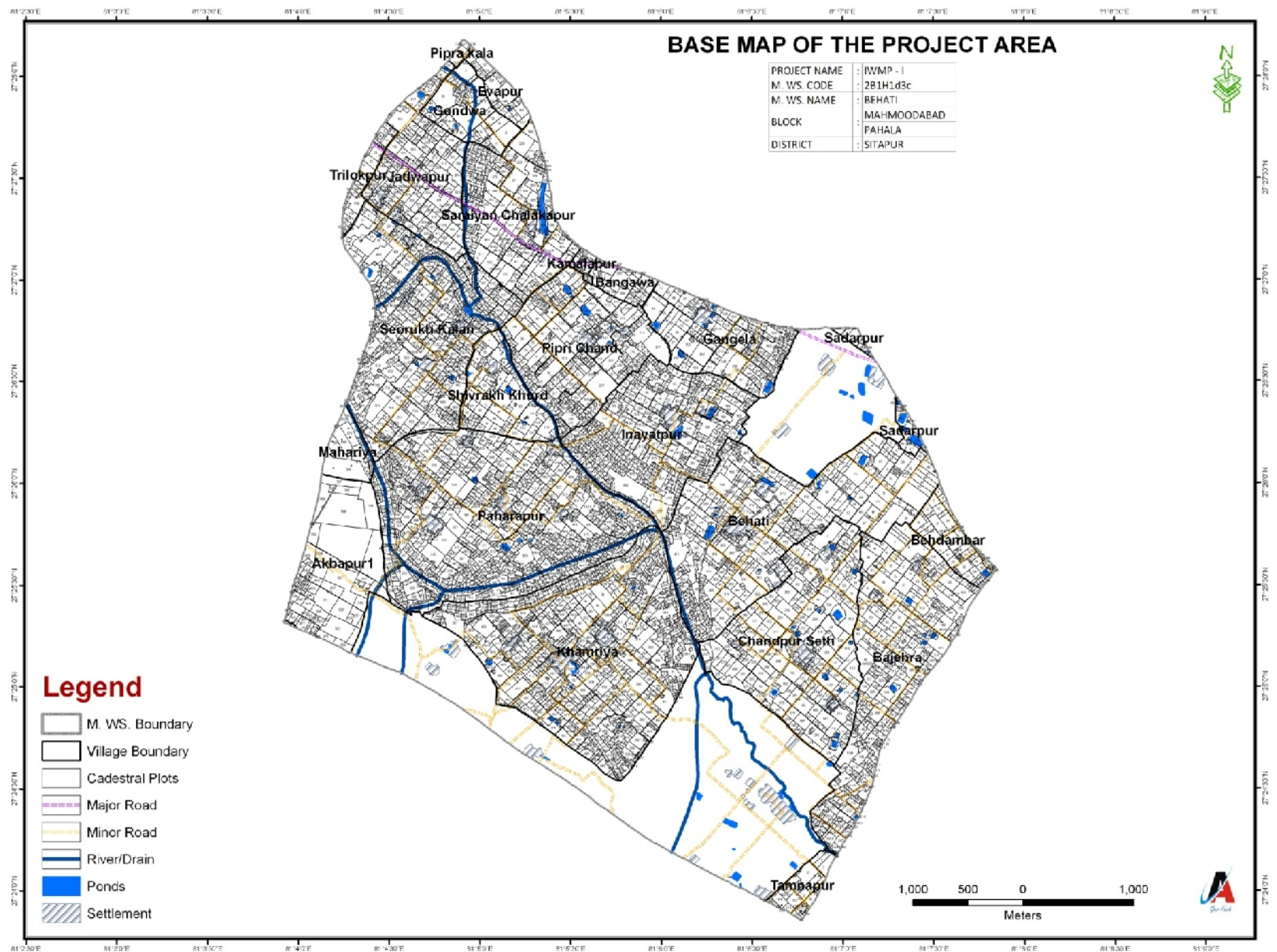


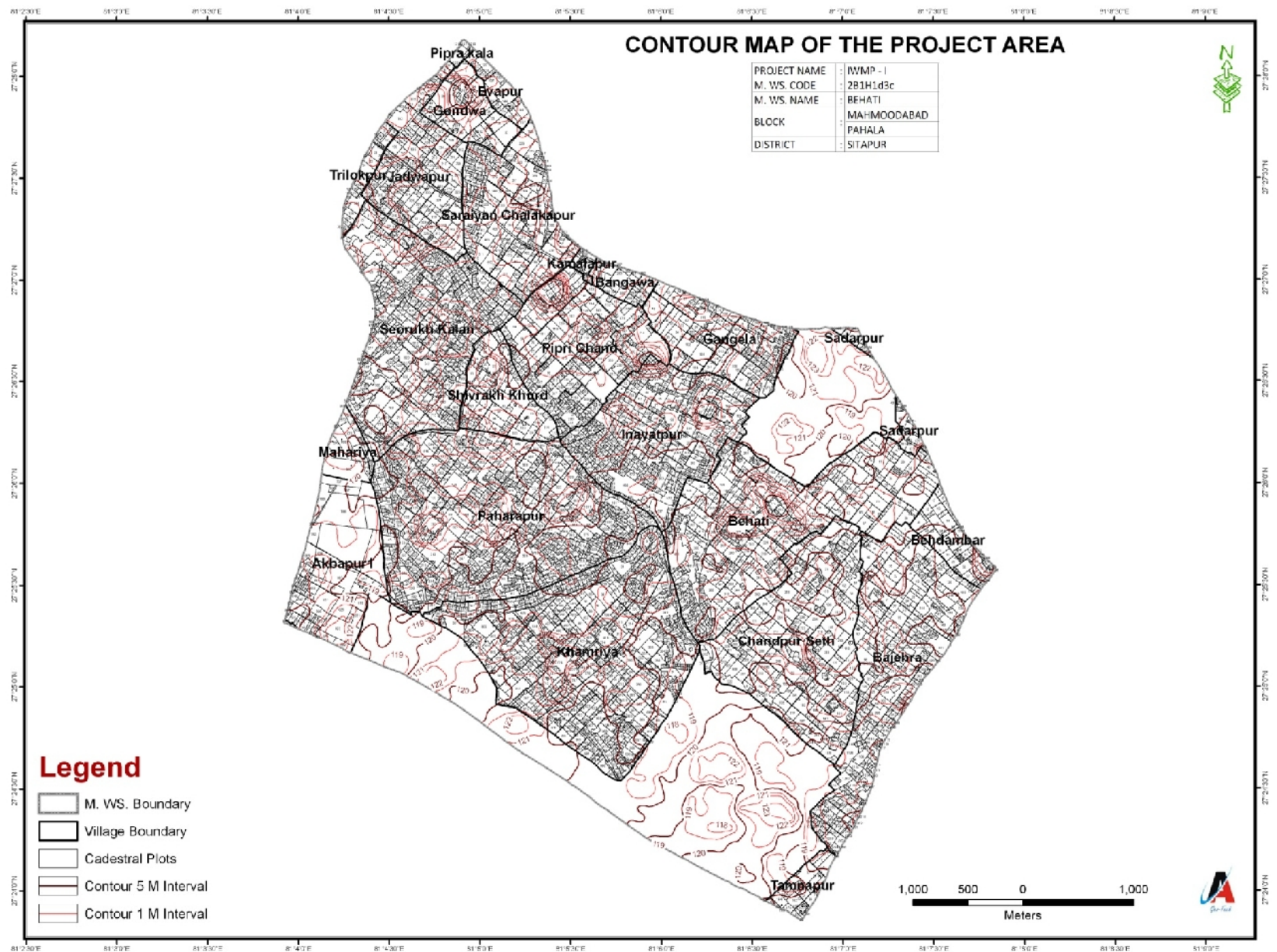
THE PROJECT AREA

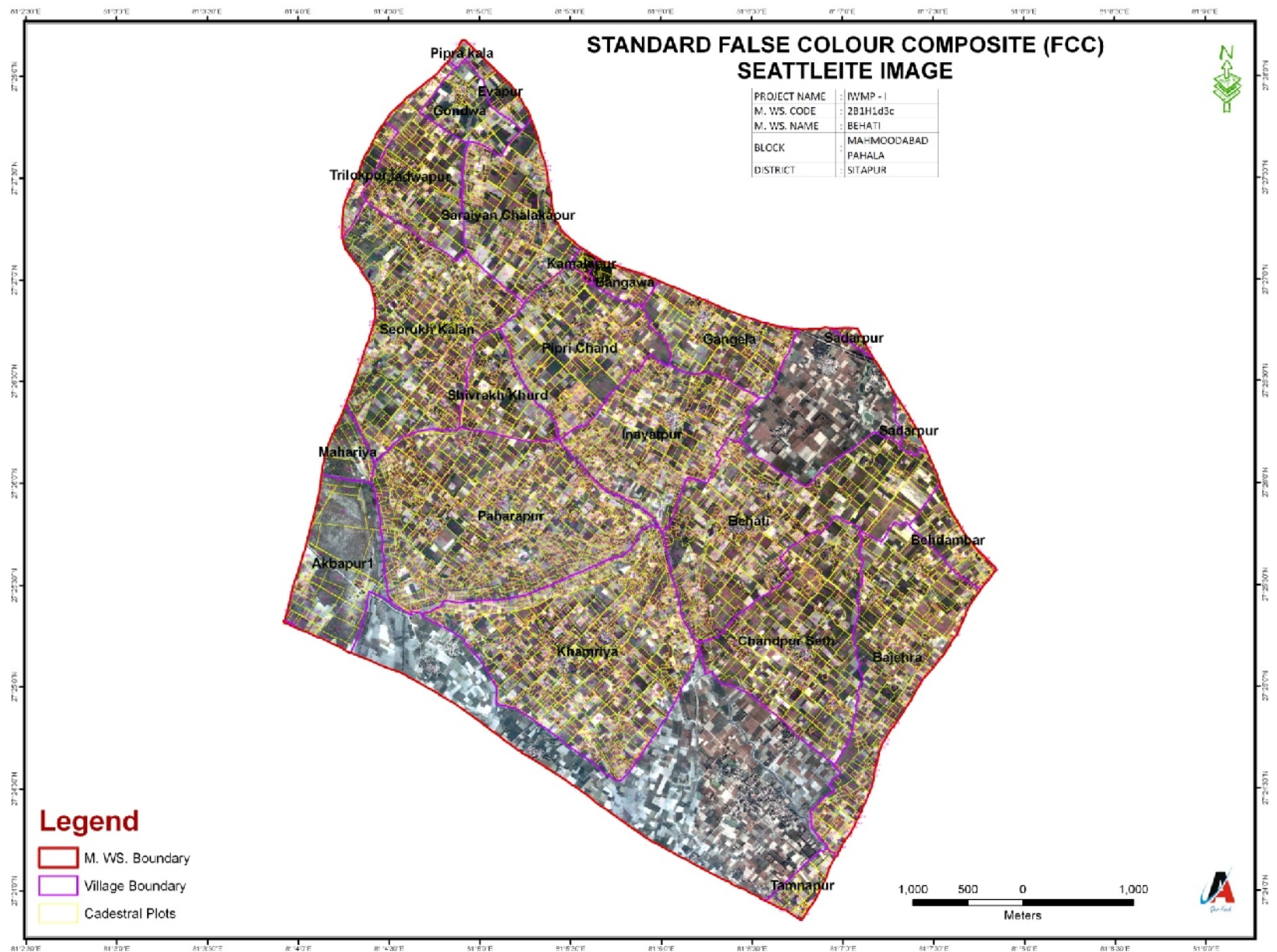
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M. WS. CODE	: 2B1H1d3c
M. WS. NAME	: BEHATI
BLOCK	: MAHMOODABAD
DISTRICT	: SITAPUR

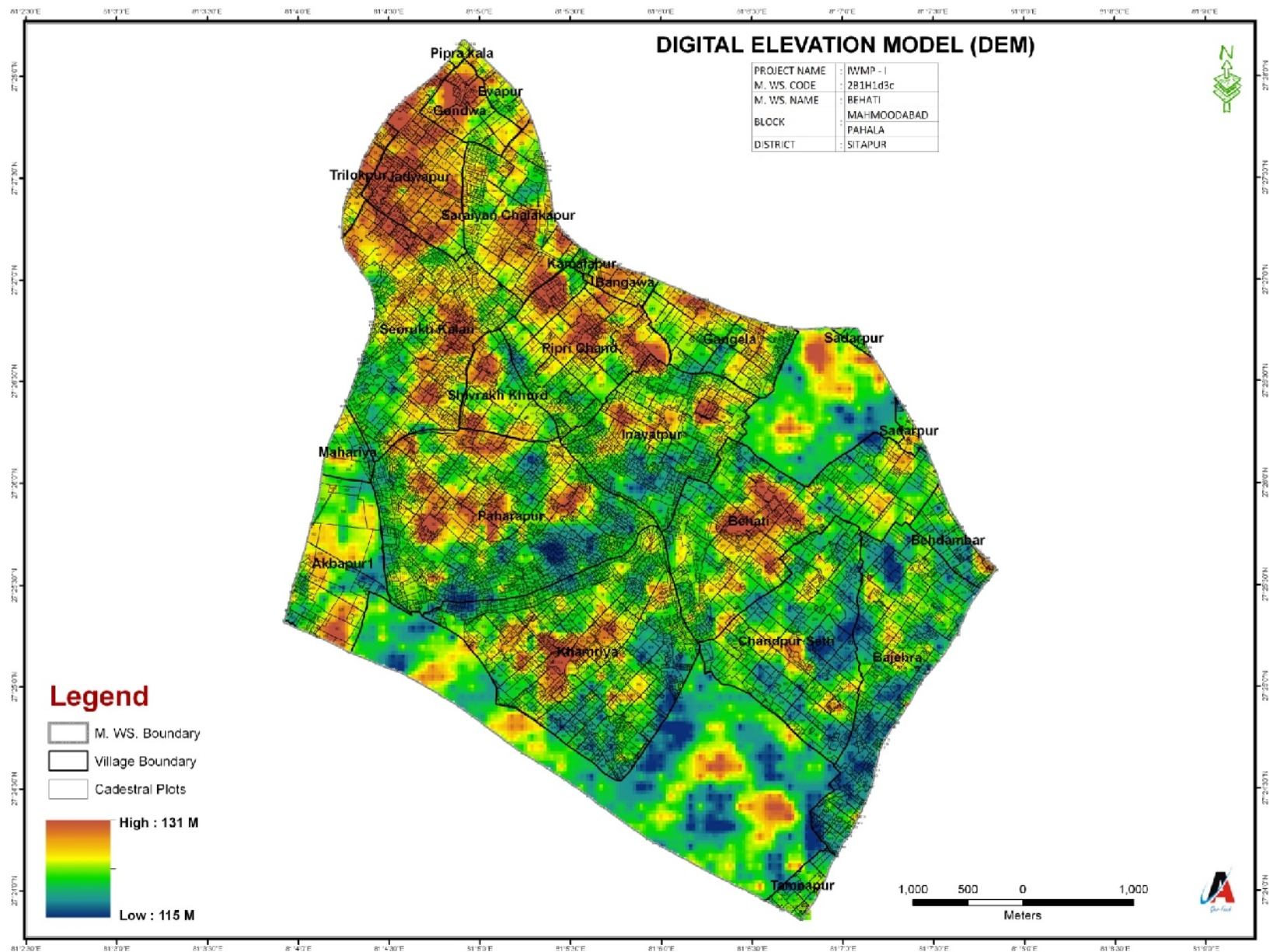


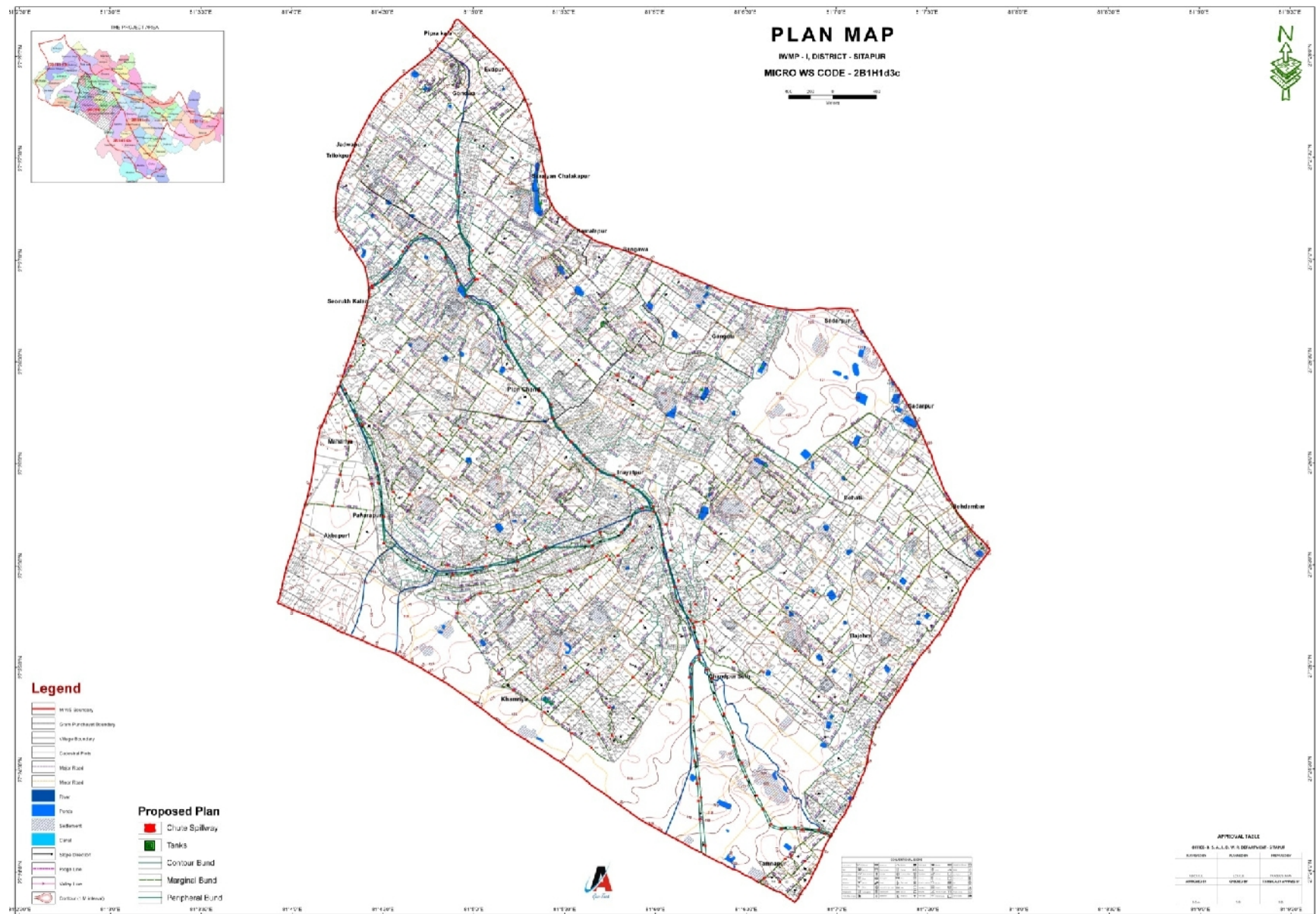








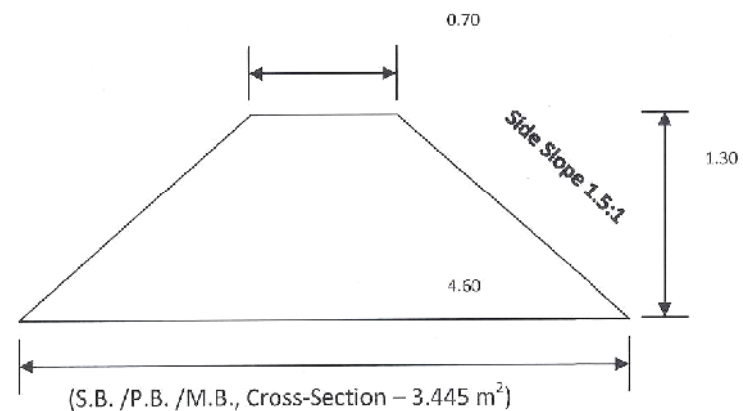
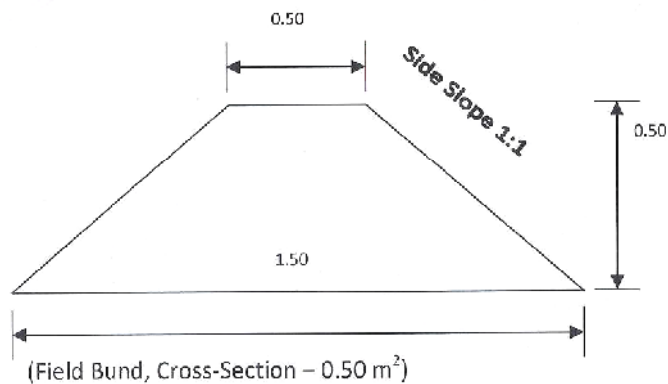
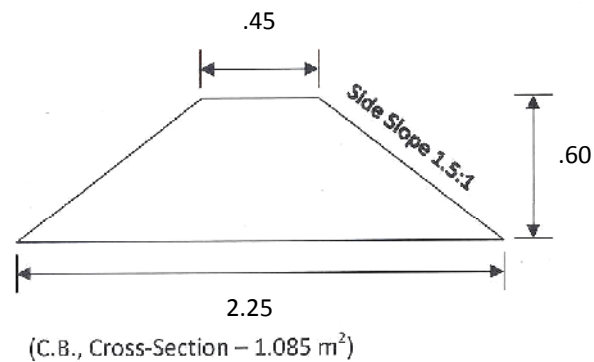




DETAILS ESTIMATE OF WATERSHED DEVELOPMENT WORK PHASES

DRAWING OF C.B., S.B., P.B., AND M.B.

(All dimensions in Metre) (Not to Scale)



TYPICAL SECTION OF FILED BUND

Top widht	= 0.50m
Side slope	=1:1
Height of bound	= 0.50m
Bottom Widht	= 1.50m
Cross section	= $(0.580+1.50) \times 0.50 / 2 = 100\text{cum}$
Length per hectare	= 200 m
Earhwork	= $200 \times 0.50 = 100\text{cum}$
Cost 39.16/cum	= Rs.3916.00
Cost per hectare	=Rs. 3916.00

TYPICAL SECTION OF P.B., M.B., S.B0.

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

Apron thickness : For an over fall of 0.5 m .The apron thickness in concrete construction is 0.20m since structure is constructed in masonry ,the Apron thickness will be $0.20 \times 1.50 = 0.30 \text{m}$

Wall thickness : The thickness of wall of the structure (masonry construction) is given below . :

Description	Thickness of wall	
	Top width	Bottom width
Head wall	0.40	1.00
Side wall	0.30	0.80
Wing all and head wall extension	0.30	0.60

DETAIL ESTIMATE OF DROP SPILLWAY OF CREST LENGTH 0.5 METRE

1. Earth work in cutting in foundation

S.No.	Description of work	No.	L	B	D/H	Quantity
1	Side wall	2	1.50	1.00	1.15	3.45
2	Head wall	1	0.50	1.20	1.15	0.69
3	Head wall extension	2	2.20	0.80	1.15	4.04
4	Wing wall	2	1.15	0.80	1.15	2.11
5	Tow wall	1	0.50	0.80	0.60	0.24
6	Cut off wall	1	4.70	0.80	0.60	2.25
7	Apron	1	0.50	1.50	0.60	0.45
Total						13.23 cum

2 Laying of sand in the bed of foundation

S.No.	Description of work	No.	L	B	D/H	Quantity
1	Side wall	2	1.50	1.00	0.10	0.300
2	Head wall	1	0.50	0.40	0.10	0.020
3	Wing wall	2	1.15	0.80	0.10	0.184
4	Toe wall	2	0.50	0.80	0.10	0.040
5	Cut off wall	1	4.70	0.80	0.10	0.376
6	Apron	1	0.50	1.50	0.10	0.075
Total						0.995 cum

3 C.C.W. 1 :3: 6 in foundation

S.No.	Description of work	No.	L	B	D/H	Quantity
1	Cut off wall	1	4.70	0.80	0.15	0.564
2	Head wall	1	0.50	0.40	0.15	0.030
3	Side wall	2	1.50	1.00	0.15	0.450
4	Wing wall	2	1.15	0.80	0.15	0.276
5	Toe wall	1	0.50	0.80	0.15	0.060
6	Apron	1	0.50	1.50	0.15	0.112
Total						1.492 cum

4 Brick masonry 1:4

S.No.	Description of work	No.	L	B	D/H	Quantity
1	Cut off wall	1	4.70	0.80	0.45	1.692
		1	4.70	0.60	0.45	1.269
2	Head wall	1	0.50	1.10	0.45	0.247
		1	0.50	1.00	0.45	0.225
		1	0.50	$(0.40+1.00)/2$	0.60	0.180
3	Head wall extension	2	2.10	0.80	0.45	1.512
		2	2.10	0.60	0.45	1.134
		2	2.10	0.60	0.60	1.512
		2	2.10	0.40	0.70	1.176
4	Side wall	2	1.50	1.00	0.45	1.350
		2	1.50	0.80	0.45	1.080
		2	1.50	0.80	0.60	1.440
		2	1.50	0.60	0.40	0.720
		2	$(0.35+1.50)/2$	0.40	0.30	0.222
5	Wing wall	2	1.15	0.80	0.45	0.828

		2	1.15	0.60	0.45	0.621
		2	1.15	0.40	(1.00+0)/2	0.460
6	Tow wall	1	0.50	0.80	0.45	0.180
		1	0.50	0.60	0.45	0.135
		1	0.50	0.40	0.20	0.040
7	Apron	1	0.50	1.50	0.45	0.337
Total						16.360cum

5. C.C.W. 1:2:4 in the wall

S.No.	Description of work	No.	L	B	D/H	Quantity
1	Head wall	1	0.50	0.40	0.025	0.005
2	Side wall	2	0.35	0.40	0.025	0.007
		2	0.18	0.40	0.025	0.023
3	Head wall extension	2	2.10	0.40	0.025	0.042
4	Wing wall	2	1.52	0.40	0.025	0.030
5	Toe wall	1	0.50	0.40	0.025	0.005
6	Apron	1	0.50	1.50	0.025	0.018
Total						0.130cum

6. Tuck Pointing 1:3

S.No.	Description of work	No.	L	B	D/H	Quantity
1	Head wall	1	0.50	-	0.60	0.30
		1	0.50		0.84	0.42
2	Side wall	2	1.50	-	1.00	3.00
		2	(0.30+1.50)/2		0.30	0.55
3	Head wall extension	2	2.10	-	1.00	4.20
4	Wing wall	2	1.15		(1.00+0)/2	1.15
Total						9.62m ²

CONSUMPTAION OF MATERIALS

S.No.	Particulars	Quantity	Cement (Bags)	Coarse Sand (cum)	Brick (No.)	G.S.B. 25-40 mm (cum)	G.S. Grit 10-20 mm (cum)
1	Sand laying	0.995cum	-	0.995	-	-	-
2	C.C.W. 1:3:6	1.492 cum	6.61	0.671	-	1.342	-
3	Brick Masonry	16.360 cum	29.26	5.562	1880	-	-
4	C.C.W. 1:2:4	0.130 cum	0.79	0.045	-	-	0.110
5	Tuck Pointing 1:3	9.62 m ²	0.44	0.045	-	-	
	Total		46.90	7.327	8180	1.342	0.110
	Say	47 Bags					

Cost of Materials

S.No.	Name of Materials	Quantity	Rate	Amount
1	Cement	47 Bags	255.00/bag	11985.00
2	Coarse sand	7.327 cum	910.00/cum	6667.57
3	Brick	8180	4500.00/th	36810.00
4	G.S.B. 25-40 mm	1.342 cum	855.00/cum	1147.41
5	Grit 10-20 mm	0.110 cum	1250.00/cum	137.50
	Total			Rs.56747.48

LABOUR CHARGE

S.No.	Name of Materials	Quantity	Rate	Amount
1	Earth Work	13.23cum	36.66/cum	485.01
2	Sand Laying	0.995cum	33.33/cum	33.16
3	C.C.W. 1:3:6	1.495cum	494/cum	337.04
4	Brick masonry	16.36cum	400/cum	6544.00
5	C.C.W. 1:2:4	0.130cum	494/cum	64.22
6	Tuck Pointing	9.62m ²	51.61/m ²	496.48
7	Curing	16.36cum	25.00/cum	409.00

8	Chowkidar	6 Man days	100.00/Man day	600.00
9	Head Load & local taion cost 10% cost of material	-	-	3670.64
Total				Rs. 13039.55

Total Expenditure	
1. Cost of Materials	56747.48
2 Labour Charges	13039.55
Total	Rs. 69787.03
Says Rs. 69800.00 only	

Estimate of Small Chute Spillway having 0.30 m Crest and 0.60 m drop									
Sr. No.	Particulars	No.	Measurements			Qty.	Unit	Rate	Amount
			Length	Width	Height				
1	Earth Work								
	a) Head Wall Extention + Head Wall	1	0.9	0.38	0.15	0.051	cmt	39.15	2.0084
	b) Conduit	1	2.44	0.3	0.11	0.081	cmt	39.15	3.15158
	c) Toe Wall + Wing Wall	1	0.75	0.38	0.45	0.128	cmt	39.15	5.02295
	d) Side Wall	2	2.04	0.3	0.23	0.141	cmt	39.15	5.51232
						0.401	cmt	39.15	15.6952
2	Cement Concrete in Foundation								
	a) Head Wall Extention + Head Wall	1	0.9	0.38	0.15	0.051	cmt	3500	179.55
	b) Toe Wall + Wing Wall	1	0.75	0.38	0.15	0.043	cmt	3500	149.8
	c) Side Wall	2	2.04	0.3	0.15	0.184	cmt	3500	642.6
						0.278	cmt	3500	971.95
3	Brick Work								
	a) Head Wall Extention	2	0.3	0.23	0.45	0.062	cmt	4000	248.4
	b) Head Wall	1	0.3	0.23	0.15	0.01	cmt	4000	41.6
	c) Side Wall								
	(i)	2	0.4	0.23	0.3	0.055	cmt	4000	220.8
	(ii)	2	1.64	0.23	0.23	0.174	cmt	4000	694
		d) Toe Wall	1	0.3	0.23	0.45	0.031	cmt	4000
e) Wing Wall	2	0.3	0.23	0.23	0.032	cmt	4000	126.8	
4	Brick on Edge on Conduit & Apron	1	2.04	0.3	0.11	0.067	cmt	4000	269.2
						0.431		4000	1725.2
5	1/2 " (12 mm) Cement Plastering 1:4								
	Cement and Coarse Sand mixture	2	0.3	0.83		0.498	sqmt	95.6	47.6088
	a) Head Wall Extention	2	2.04	0.7		2.856	sqmt	95.6	273.034
	b) Side Wall	1	2.44	0.3		0.732	sqmt	95.6	69.9792
	c) Conduit	1	1	0.6		0.6	sqmt	95.6	57.36
	d) Toe Wall	2	0.23	0.7		0.322	sqmt	95.6	30.7832

	e) Wing Wall					5.008	sqmt	95.6	478.765
	2. .25 Labour 10 days for curing								250
	Total Cost of Structure Rs.								3191.61
									3441.61
								Say	3500

ANNEXURE-2

DAIRY WORK

In income generating activities through Self Help Group, landless and marginal farmers are advised to use three or four cows of SANKER breed or two or three buffalos of MURRA breed, for their good life.

Establishment of Goat Unit for S.H.G.'s formed in I.W.M.P. - I, SITAPUR

Project

District Sitapur - I is situated in eastern part of state, where the number of goat/sheep is very less and they are small in nature, Goat Population is appreciable and is fact, it is the major source of livelihood for poor people of the district. in the state , on an average, 16 kg of meat is obtained from a goat, if they are dewormmed twice, shall be increment of 4 kg in meat on an average, benefiting the farmers of the state.

Deworming and vitamins, mineral- supplement to the goats shall enhance their productivity and also improve anti-body response and protection level through vaccination, i.e., importance in efficiency of vaccination. More Productivity and assured health and low mortality shall result into adoption of more framers to goat farming with the formation of more S.H.G. 's and in turn availability of goats for processing unit. Goat excreta shall be of immense help in enrichment of soil fertility.

Establishment of Goat Units for S.H.G.'s

Eastern region, due to the geo-climate conditions and land pattern is favorable for goat husbandry. Goats thrive Well in dry and semi-dry climate with bushes and thorny vegetation. Presently in this area, farmers rear goats for their livelihood. If goat husbandry would be transformed to intensive husbandry, there shall be more economic stability of farmers, more profit sharing and availability of running capital for future expansion. Kepping in view above fact, goat unit shall be formed in the area in intensive way.

14 Goat Unit are Proposed in I.W.M.P. - Project for S.H.G. one unit constituting 10 goats and 1 buck will be distributed to one S.H.G.

A register Of S.H.G. will be maintained by Secretary of S.H.G. in the supervision of W.D.T. member. The details of beneficiaries Of S.H.G. including the breed of goat reared, breeding and feeding status, deworming status, deaths, post mortem conducted claim settlement and working status of unit will be maintained in the register.

Preferences shall be given in consecutive years in purchasing the goats and bucks for new unit, from old units for which database maintained shall be of use and it should be assured by buy back arrangement

Financial Component

S.No.	Component	Amount
1.	Cost Of 10 goat of improved breed (Not less than 6 months of age) @Rs. 3000.00 each	30000.00
2	Cost of 1 back of improved breed @ Rs.10448.32	10448.32
3	Cost of insurance @ 11.63/unit	4070.00
4	Feed cost for 3 months @ 250gm/day for goats @Rs.11.84/250gm	2930.00
5	Provision of deworming, mineral and vitamin supplement, treatment, vaccination @ Rs/160/animal	1760.00
6	The expense including monitoring expenses, register and record @Rs.170.00/unit	170.00
	Total	Rs. 43,930.40
		Say Rs. 43.950.00

Estimate of Livestock Development Activities

Total number of female animals:	Buffa1o	-	3295
	Cow	-	2825
	Total	-	6120
1. Artificial Insemination (A.I.):	33% of total animals per year, i 2020		
	Amount required for A.I. by BAIF @ 100.00/ animal.		
	Total Amount - Rs. 2,02,00.00		
2. Vaccination:	Total number of animals in I.W.M.P I st - 12657 nos.		
	1. H.S. + B.Q.	@ 5.50	69,613.50
	2. F.M.D.	@10.502 (Twice in a year)	
	Total Amount - Rs. 3,35,410.00		
3. Deworming:	Adult animals -.	11472	
	Child animals -	1185	
	Albendazole for	11472 animals @ 40.56	4,65,304.00
		1185 child animals@20.28	24,032.00
	Total Amount - Rs. 4,89,336.00		
4. Mineral Mixture: Agnmine Forte Chelated for 8205 animals	@ 115.00	Rs. 9,43,575.00	
GRAND TOTAL		-	Rs. 19,70,321.00

ANNEXURE- 3

Estimate of Scatterd Plantation in the Watersheds per Hectare (Without Fencing)

S.No.	Particulars	Quantity	Rate	Amount	Remarks
A, Horticulture					
1.	Soil Working 1m x 1m size pits (160nos.) including cost of refilling	232.00 cum	39.15/cu m	9082.80	Since,the project is to be operated in a participatory mode,countribution in the form of labour input for pit digging, FYM and its applications, weeding and hoeing are to be provided by the participating farmers, hens the cots are no included in the eastmates,
2.	Aplicetion of Farmyard manure inclding cast		L.S.	450.00	
3.	Cost of NPK mixture. neemicide @ 250 gm/plants		L.S.	400.00	
4.	Cost of plants (including 15% etc. for mortality) including transportation and planting	310 nos.	25.00/Plant	7750.00	
5.	Casualty replacement @ 10% of item no. 4&5			465.00	
6.	Cost of 2 weeding and hoeing		1.00/Plant	1040	
7.	Contingency and unforeseen (3%)			400.00	
	Maintenance cost 2 nd Year onwards – 15% of 1 st year cost			900.00	
	Total			20487.80	
		Say		20487.80	

ANNEXURE-4

Estimate of Orchard Development in the Watersheds per Hectare (Without Fencing)

S.No.	Particulars	Quantity	Rate	Amount	Remarks
A, Horticulture					
1.	Soil Working 1m x 1m size pits (270nos.) including cost of refilling	270.00 cum	36.66/cum	9898.20	Since, the project is to be operated in a participatory mode, contribution in the form of labour input for pit digging, FYM and its applications, weeding and hoeing are to be provided by the participating farmers, hence the costs are not included in the estimates,
2.	Application of Farmyard manure including cast		L.S.	450.00	
3.	Cost of NPK mixture. neemicide @ 250 gm/plants		L.S.	400.00	
4.	Cost of plants (including 15% etc. for mortality) including transportation and planting	310 nos.	15.00/Plant	4650.00	
5.	Casualty replacement @ 10% of item no. 4&5			465.00	
6.	Cost of 2 weeding and hoeing		1.00/Plant	540	
7.	Contingency and unforeseen (3%)			492.00	
	Total			Rs.6,007.00	
	Say			Rs. 6,000.00	
	Maintenance cost 2 nd Year onwards – 15% of 1 st year cost			900.00	
	For next 5 years i.e., Rs. 900x5			4500.00	
	Total Cost			Rs. 10,500.00	
	Say			Rs.10,500.00	

B. Agro-Horticulture (Cost per ha)					
1	Cost of raising 270 plants UP to 5 year @ Rs. 10,000.00			10500.00	The remarks mentioned under Horticulture are also applicable for agro Horticulture.
2	Cost of rasising agricultural Crops @ Rs. 5,000 per hectare per year			10448.32	
	Total			Rs.20948.32	

ANNEXURE- 5

COST IN PLANTING ONE PLANT WITH DIGGING, FILLING MIXED WITH FYM AND COST OF PLANT

S.n	Particular	No.	L	B	D/H	Quantity	Rate	Amount
1	Earth work in digging	1	1.0	1.0	1.00	1.00	36.66	36.66
2	Cost of FYM,in kg/pit	1	-	-	-	10kg	8.00	8.00
3	Filling of pits mixed with FYM and soil	1	1.0	1.0	1.0	1.00	36.66	36.66
4	Cost of plants	1	-	-	-	1	18.00	18.00
Total								171.32
Say								Rs.172.00

ANNEXURE- 6

CONTOUR BUNDS:- 2B1H1d3c														SODING CHARGES			
WORK	KH. No.	VILL. NAME	LENGTH	BASE	TOP	HIGHT	CS	EW	RATE	OUTPUT	MD	L. CHARGES	AMOUNT	Sqr. Mtr.	RATE	S. AMOUNT	T. AMOUNT
CB 001	197	Jadwapur	329.57	2.25	0.45	0.6	0.79	260.36	32.57	3.053	85	100	8479.88	1173.26	2.2	2581.18	11061.06
CB 002	197	Jadwapur	202.28	2.25	0.45	0.6	0.79	159.80	32.57	3.053	52	100	5204.67	720.11	2.2	1584.24	6788.91
CB 003	214	Jadwapur	464.11	2.25	0.45	0.6	0.79	366.65	32.57	3.053	119	100	11941.71	1652.23	2.2	3634.91	15576.62
CB 004	295	Jadwapur	102.63	2.25	0.45	0.6	0.79	81.08	32.57	3.053	26	100	2640.82	365.38	2.2	803.83	3444.66
CB 005	285	Jadwapur	254.96	2.25	0.45	0.6	0.79	201.42	32.57	3.053	66	100	6560.30	907.67	2.2	1996.88	8557.18
CB 006	276	Jadwapur	130.06	2.25	0.45	0.6	0.79	102.75	32.57	3.053	33	100	3346.53	463.02	2.2	1018.64	4365.17
CB 007	306	Jadwapur	192.88	2.25	0.45	0.6	0.79	152.38	32.57	3.053	50	100	4962.95	686.67	2.2	1510.66	6473.61
CB 008	337	Jadwapur	281.42	2.25	0.45	0.6	0.79	222.32	32.57	3.053	72	100	7241.05	1001.86	2.2	2204.09	9445.14
CB 009	350	Jadwapur	267.73	2.25	0.45	0.6	0.79	211.50	32.57	3.053	69	100	6888.69	953.11	2.2	2096.84	8985.53
CB 010	351	Jadwapur	146.25	2.25	0.45	0.6	0.79	115.54	32.57	3.053	38	100	3763.12	520.66	2.2	1145.45	4908.57
CB 011	39	Seorukh Kalan	189.97	2.25	0.45	0.6	0.79	150.07	32.57	3.053	49	100	4887.92	676.28	2.2	1487.83	6375.74
CB 012	39	Seorukh Kalan	204.42	2.25	0.45	0.6	0.79	161.50	32.57	3.053	53	100	5259.90	727.75	2.2	1601.05	6860.96
CB 013	356	Jadwapur	201.14	2.25	0.45	0.6	0.79	158.90	32.57	3.053	52	100	5175.36	716.05	2.2	1575.32	6750.68
CB 014	274	Jadwapur	107.67	2.25	0.45	0.6	0.79	85.06	32.57	3.053	28	100	2770.44	383.31	2.2	843.29	3613.73
CB 015	264	Jadwapur	258.90	2.25	0.45	0.6	0.79	204.53	32.57	3.053	67	100	6661.53	921.68	2.2	2027.69	8689.22
CB 016	141	Trilokpur	167.02	2.25	0.45	0.6	0.79	131.95	32.57	3.053	43	100	4297.55	594.60	2.2	1308.12	5605.67
CB 017	9	Seorukh Kalan	255.22	2.25	0.45	0.6	0.79	201.63	32.57	3.053	66	100	6566.94	908.59	2.2	1998.90	8565.83
CB 018	7	Seorukh Kalan	95.31	2.25	0.45	0.6	0.79	75.29	32.57	3.053	25	100	2452.24	339.29	2.2	746.43	3198.67
CB 019	26	Seorukh Kalan	67.32	2.25	0.45	0.6	0.79	53.18	32.57	3.053	17	100	1732.19	239.66	2.2	527.26	2259.44
CB 020	32	Seorukh Kalan	240.00	2.25	0.45	0.6	0.79	189.60	32.57	3.053	62	100	6175.27	854.40	2.2	1879.68	8054.94
CB	33	Seorukh Kalan	158.43	2.25	0.45	0.6	0.79	125.16	32.57	3.053	41	100	4076.50	564.02	2.2	1240.84	5317.34

021																	
CB 022	50	Seorukh Kalan	108.54	2.25	0.45	0.6	0.79	85.75	32.57	3.053	28	100	2792.86	386.42	2.2	850.11	3642.97
CB 023	39	Seorukh Kalan	238.00	2.25	0.45	0.6	0.79	188.02	32.57	3.053	61	100	6123.92	847.30	2.2	1864.05	7987.97
CB 024	388	Seorukh Kalan	120.15	2.25	0.45	0.6	0.79	94.92	32.57	3.053	31	100	3091.56	427.74	2.2	941.04	4032.60
CB 025	391	Seorukh Kalan	191.73	2.25	0.45	0.6	0.79	151.46	32.57	3.053	49	100	4933.20	682.55	2.2	1501.61	6434.81
CB 026	15	Seorukh Kalan	994.15	2.25	0.45	0.6	0.79	785.38	32.57	3.053	256	100	25579.71	3539.17	2.2	7786.16	33365.88
CB 027	429	Seorukh Kalan	99.34	2.25	0.45	0.6	0.79	78.48	32.57	3.053	26	100	2556.12	353.66	2.2	778.05	3334.17
CB 028	426	Seorukh Kalan	144.24	2.25	0.45	0.6	0.79	113.95	32.57	3.053	37	100	3711.31	513.49	2.2	1129.68	4840.99
CB 029	15	Seorukh Kalan	107.98	2.25	0.45	0.6	0.79	85.30	32.57	3.053	28	100	2778.34	384.41	2.2	845.69	3624.03
CB 030	15	Seorukh Kalan	472.73	2.25	0.45	0.6	0.79	373.45	32.57	3.053	122	100	12163.40	1682.91	2.2	3702.40	15865.80
CB 031	15	Seorukh Kalan	198.60	2.25	0.45	0.6	0.79	156.89	32.57	3.053	51	100	5110.01	707.01	2.2	1555.43	6665.43
CB 032	15	Seorukh Kalan	169.91	2.25	0.45	0.6	0.79	134.23	32.57	3.053	44	100	4371.95	604.90	2.2	1330.77	5702.73
CB 033	432	Seorukh Kalan	232.46	2.25	0.45	0.6	0.79	183.64	32.57	3.053	60	100	5981.17	827.54	2.2	1820.60	7801.77
CB 034	413	Seorukh Kalan	247.34	2.25	0.45	0.6	0.79	195.40	32.57	3.053	64	100	6364.09	880.52	2.2	1937.15	8301.24
CB 035	396	Seorukh Kalan	460.43	2.25	0.45	0.6	0.79	363.74	32.57	3.053	118	100	11846.91	1639.12	2.2	3606.06	15452.98
CB 036	570	Seorukh Kalan	549.20	2.25	0.45	0.6	0.79	433.87	32.57	3.053	141	100	14131.08	1955.15	2.2	4301.33	18432.42
CB 037	76	Seorukh Kalan	166.42	2.25	0.45	0.6	0.79	131.47	32.57	3.053	43	100	4281.97	592.45	2.2	1303.38	5585.35
CB 038	86	Seorukh Kalan	185.68	2.25	0.45	0.6	0.79	146.69	32.57	3.053	48	100	4777.56	661.02	2.2	1454.23	6231.80
CB 039	359	Seorukh Kalan	313.41	2.25	0.45	0.6	0.79	247.59	32.57	3.053	81	100	8064.03	1115.73	2.2	2454.60	10518.63
CB 040	350	Seorukh Kalan	115.31	2.25	0.45	0.6	0.79	91.10	32.57	3.053	30	100	2966.98	410.51	2.2	903.11	3870.09
CB 041	344	Seorukh Kalan	302.50	2.25	0.45	0.6	0.79	238.98	32.57	3.053	78	100	7783.44	1076.90	2.2	2369.19	10152.62
CB 042	344	Seorukh Kalan	147.46	2.25	0.45	0.6	0.79	116.49	32.57	3.053	38	100	3794.12	524.95	2.2	1154.89	4949.01
CB 043	610	Seorukh Kalan	125.57	2.25	0.45	0.6	0.79	99.20	32.57	3.053	32	100	3230.98	447.03	2.2	983.47	4214.45
CB 044	613	Seorukh Kalan	245.79	2.25	0.45	0.6	0.79	194.17	32.57	3.053	63	100	6324.21	875.01	2.2	1925.02	8249.23
CB 616	616	Seorukh Kalan	529.91	2.25	0.45	0.6	0.79	418.63	32.57	3.053	136	100	13634.71	1886.47	2.2	4150.24	17784.95

045																	
CB 046	323	Seorukh Kalan	210.65	2.25	0.45	0.6	0.79	166.41	32.57	3.053	54	100	5419.96	749.90	2.2	1649.77	7069.74
CB 047	323	Seorukh Kalan	201.81	2.25	0.45	0.6	0.79	159.43	32.57	3.053	52	100	5192.65	718.45	2.2	1580.58	6773.24
CB 048	336	Seorukh Kalan	119.14	2.25	0.45	0.6	0.79	94.12	32.57	3.053	31	100	3065.59	424.15	2.2	933.13	3998.72
CB 049	295	Seorukh Kalan	147.26	2.25	0.45	0.6	0.79	116.33	32.57	3.053	38	100	3788.92	524.23	2.2	1153.30	4942.22
CB 050	649	Seorukh Kalan	307.05	2.25	0.45	0.6	0.79	242.57	32.57	3.053	79	100	7900.41	1093.09	2.2	2404.79	10305.20
CB 051	254	Seorukh Kalan	212.65	2.25	0.45	0.6	0.79	168.00	32.57	3.053	55	100	5471.68	757.05	2.2	1665.51	7137.19
CB 052	761	Seorukh Kalan	142.77	2.25	0.45	0.6	0.79	112.79	32.57	3.053	37	100	3673.46	508.25	2.2	1118.16	4791.62
CB 053	639	Seorukh Kalan	109.04	2.25	0.45	0.6	0.79	86.14	32.57	3.053	28	100	2805.70	388.19	2.2	854.02	3659.72
CB 054	727	Seorukh Kalan	454.07	2.25	0.45	0.6	0.79	358.71	32.57	3.053	117	100	11683.33	1616.49	2.2	3556.27	15239.59
CB 055	261	Seorukh Kalan	144.59	2.25	0.45	0.6	0.79	114.23	32.57	3.053	37	100	3720.32	514.74	2.2	1132.42	4852.75
CB 056	271	Seorukh Kalan	192.39	2.25	0.45	0.6	0.79	151.99	32.57	3.053	50	100	4950.31	684.92	2.2	1506.82	6457.13
CB 057	656	Seorukh Kalan	335.31	2.25	0.45	0.6	0.79	264.90	32.57	3.053	86	100	8627.69	1193.71	2.2	2626.17	11253.85
CB 058	16	Shivrakh Khurd	278.23	2.25	0.45	0.6	0.79	219.81	32.57	3.053	72	100	7159.06	990.52	2.2	2179.13	9338.19
CB 059	47	Shivrakh Khurd	580.54	2.25	0.45	0.6	0.79	458.62	32.57	3.053	149	100	14937.37	2066.71	2.2	4546.76	19484.13
CB 060	31	Shivrakh Khurd	149.86	2.25	0.45	0.6	0.79	118.39	32.57	3.053	39	100	3855.91	533.50	2.2	1173.69	5029.60
CB 061	41	Shivrakh Khurd	279.19	2.25	0.45	0.6	0.79	220.56	32.57	3.053	72	100	7183.55	993.90	2.2	2186.59	9370.14
CB 062	10	Shivrakh Khurd	167.70	2.25	0.45	0.6	0.79	132.49	32.57	3.053	43	100	4315.09	597.03	2.2	1313.46	5628.55
CB 063	126	Shivrakh Khurd	131.08	2.25	0.45	0.6	0.79	103.55	32.57	3.053	34	100	3372.68	466.64	2.2	1026.60	4399.28
CB 064	752	Seorukh Kalan	270.86	2.25	0.45	0.6	0.79	213.98	32.57	3.053	70	100	6969.40	964.27	2.2	2121.40	9090.81
CB 065	109	Pipri Chand	616.84	2.25	0.45	0.6	0.79	487.31	32.57	3.053	159	100	15871.59	2195.97	2.2	4831.13	20702.72
CB 066	109	Pipri Chand	125.65	2.25	0.45	0.6	0.79	99.26	32.57	3.053	32	100	3233.06	447.32	2.2	984.11	4217.16
CB 067	83	Pipri Chand	725.36	2.25	0.45	0.6	0.79	573.03	32.57	3.053	187	100	18663.63	2582.27	2.2	5680.99	24344.61
CB 068	81	Pipri Chand	373.32	2.25	0.45	0.6	0.79	294.92	32.57	3.053	96	100	9605.56	1329.01	2.2	2923.82	12529.38
CB	526	Saraiyan	268.17	2.25	0.45	0.6	0.79	211.85	32.57	3.053	69	100	6900.00	954.67	2.2	2100.28	9000.28

069		Chalakapur															
CB 070	526	Saraiyan Chalakapur	268.30	2.25	0.45	0.6	0.79	211.96	32.57	3.053	69	100	6903.44	955.15	2.2	2101.32	9004.76
CB 071	449	Saraiyan Chalakapur	342.53	2.25	0.45	0.6	0.79	270.60	32.57	3.053	88	100	8813.34	1219.40	2.2	2682.68	11496.02
CB 072	449	Saraiyan Chalakapur	114.02	2.25	0.45	0.6	0.79	90.07	32.57	3.053	29	100	2933.65	405.89	2.2	892.97	3826.61
CB 073	282	Saraiyan Chalakapur	473.27	2.25	0.45	0.6	0.79	373.88	32.57	3.053	122	100	12177.40	1684.84	2.2	3706.66	15884.06
CB 074	270	Saraiyan Chalakapur	440.24	2.25	0.45	0.6	0.79	347.79	32.57	3.053	113	100	11327.45	1567.25	2.2	3447.94	14775.40
CB 075	373	Saraiyan Chalakapur	705.84	2.25	0.45	0.6	0.79	557.61	32.57	3.053	182	100	18161.48	2512.79	2.2	5528.14	23689.62
CB 076	297	Saraiyan Chalakapur	282.04	2.25	0.45	0.6	0.79	222.81	32.57	3.053	73	100	7257.04	1004.07	2.2	2208.96	9466.00
CB 077	500	Saraiyan Chalakapur	536.45	2.25	0.45	0.6	0.79	423.80	32.57	3.053	138	100	13803.04	1909.77	2.2	4201.48	18004.53
CB 078	501	Saraiyan Chalakapur	445.83	2.25	0.45	0.6	0.79	352.21	32.57	3.053	115	100	11471.46	1587.17	2.2	3491.78	14963.23
CB 079	479	Saraiyan Chalakapur	271.99	2.25	0.45	0.6	0.79	214.88	32.57	3.053	70	100	6998.51	968.30	2.2	2130.26	9128.77
CB 080	151	Pipri Chand	116.29	2.25	0.45	0.6	0.79	91.87	32.57	3.053	30	100	2992.09	413.98	2.2	910.76	3902.84
CB 081	140	Pipri Chand	472.81	2.25	0.45	0.6	0.79	373.52	32.57	3.053	122	100	12165.59	1683.21	2.2	3703.06	15868.66
CB 082	135/354	Pipri Chand	200.92	2.25	0.45	0.6	0.79	158.73	32.57	3.053	52	100	5169.78	715.28	2.2	1573.62	6743.40
CB 083	163	Pipri Chand	386.66	2.25	0.45	0.6	0.79	305.46	32.57	3.053	99	100	9948.97	1376.52	2.2	3028.35	12977.31
CB 084	109	Pipri Chand	192.59	2.25	0.45	0.6	0.79	152.15	32.57	3.053	50	100	4955.45	685.63	2.2	1508.38	6463.84
CB 085	312	Pipri Chand	181.75	2.25	0.45	0.6	0.79	143.59	32.57	3.053	47	100	4676.56	647.04	2.2	1423.49	6100.06
CB 086	255	Pipri Chand	249.61	2.25	0.45	0.6	0.79	197.19	32.57	3.053	64	100	6422.42	888.59	2.2	1954.91	8377.33
CB 087	257	Pipri Chand	301.47	2.25	0.45	0.6	0.79	238.16	32.57	3.053	78	100	7756.90	1073.23	2.2	2361.11	10118.01
CB 088	232	Pipri Chand	393.06	2.25	0.45	0.6	0.79	310.52	32.57	3.053	101	100	10113.58	1399.30	2.2	3078.45	13192.03
CB 089	214	Pipri Chand	406.37	2.25	0.45	0.6	0.79	321.03	32.57	3.053	105	100	10456.05	1446.68	2.2	3182.70	13638.75
CB 090	222	Pipri Chand	210.61	2.25	0.45	0.6	0.79	166.38	32.57	3.053	54	100	5419.03	749.77	2.2	1649.49	7068.52
CB 091	224	Pipri Chand	157.25	2.25	0.45	0.6	0.79	124.23	32.57	3.053	40	100	4046.20	559.83	2.2	1231.62	5277.82

CB 092	67	Gangela	276.10	2.25	0.45	0.6	0.79	218.12	32.57	3.053	71	100	7104.15	982.92	2.2	2162.42	9266.56
CB 093	135	Gangela	442.72	2.25	0.45	0.6	0.79	349.75	32.57	3.053	114	100	11391.20	1576.07	2.2	3467.35	14858.54
CB 094	p	Gangela	129.91	2.25	0.45	0.6	0.79	102.63	32.57	3.053	33	100	3342.69	462.49	2.2	1017.47	4360.16
CB 095	149	Gangela	191.34	2.25	0.45	0.6	0.79	151.16	32.57	3.053	49	100	4923.15	681.16	2.2	1498.55	6421.69
CB 096	157	Gangela	211.07	2.25	0.45	0.6	0.79	166.74	32.57	3.053	54	100	5430.88	751.41	2.2	1653.10	7083.98
CB 097	191	Gangela	314.60	2.25	0.45	0.6	0.79	248.53	32.57	3.053	81	100	8094.76	1119.98	2.2	2463.95	10558.71
CB 098	221	Gangela	497.86	2.25	0.45	0.6	0.79	393.31	32.57	3.053	128	100	12810.02	1772.37	2.2	3899.22	16709.24
CB 099	266	Gangela	408.11	2.25	0.45	0.6	0.79	322.41	32.57	3.053	105	100	10500.87	1452.88	2.2	3196.34	13697.21
CB 100	261	Gangela	307.69	2.25	0.45	0.6	0.79	243.08	32.57	3.053	79	100	7917.05	1095.39	2.2	2409.86	10326.90
CB 101		Gangela	303.01	2.25	0.45	0.6	0.79	239.37	32.57	3.053	78	100	7796.42	1078.70	2.2	2373.14	10169.56
CB 102	139	Gangela	270.38	2.25	0.45	0.6	0.79	213.60	32.57	3.053	70	100	6957.03	962.56	2.2	2117.64	9074.66
CB 103	91	Gangela	240.38	2.25	0.45	0.6	0.79	189.90	32.57	3.053	62	100	6185.06	855.75	2.2	1882.66	8067.72
CB 104	80	Gangela	313.52	2.25	0.45	0.6	0.79	247.68	32.57	3.053	81	100	8066.93	1116.13	2.2	2455.48	10522.40
CB 105	214	Pipri Chand	513.71	2.25	0.45	0.6	0.79	405.83	32.57	3.053	132	100	13217.90	1828.81	2.2	4023.37	17241.27
CB 106	17	Inayatpur	482.29	2.25	0.45	0.6	0.79	381.01	32.57	3.053	124	100	12409.50	1716.96	2.2	3777.31	16186.81
CB 107	73	Inayatpur	134.42	2.25	0.45	0.6	0.79	106.19	32.57	3.053	35	100	3458.63	478.53	2.2	1052.77	4511.40
CB 108	73	Inayatpur	108.44	2.25	0.45	0.6	0.79	85.67	32.57	3.053	28	100	2790.32	386.06	2.2	849.34	3639.66
CB 109	61	Inayatpur	153.20	2.25	0.45	0.6	0.79	121.03	32.57	3.053	39	100	3941.93	545.40	2.2	1199.88	5141.81
CB 110	134	Inayatpur	941.98	2.25	0.45	0.6	0.79	744.16	32.57	3.053	242	100	24237.43	3353.45	2.2	7377.59	31615.02
CB 111	181	Inayatpur	780.39	2.25	0.45	0.6	0.79	616.50	32.57	3.053	201	100	20079.57	2778.17	2.2	6111.98	26191.55
CB 112	161	Inayatpur	165.03	2.25	0.45	0.6	0.79	130.37	32.57	3.053	42	100	4246.26	587.50	2.2	1292.51	5538.77
CB 113	142	Inayatpur	114.83	2.25	0.45	0.6	0.79	90.71	32.57	3.053	30	100	2954.53	408.78	2.2	899.32	3853.85
CB 114	213	Inayatpur	442.28	2.25	0.45	0.6	0.79	349.40	32.57	3.053	114	100	11380.03	1574.52	2.2	3463.95	14843.97
CB 115	198	Inayatpur	93.78	2.25	0.45	0.6	0.79	74.08	32.57	3.053	24	100	2412.95	333.85	2.2	734.47	3147.42

CB 116	198	Inayatpur	83.77	2.25	0.45	0.6	0.79	66.18	32.57	3.053	22	100	2155.41	298.22	2.2	656.08	2811.49
CB 117	201	Inayatpur	78.25	2.25	0.45	0.6	0.79	61.82	32.57	3.053	20	100	2013.32	278.56	2.2	612.83	2626.16
CB 118	201	Inayatpur	233.27	2.25	0.45	0.6	0.79	184.29	32.57	3.053	60	100	6002.20	830.45	2.2	1827.00	7829.19
CB 119	181	Inayatpur	107.18	2.25	0.45	0.6	0.79	84.67	32.57	3.053	28	100	2757.83	381.57	2.2	839.45	3597.28
CB 120	258	Inayatpur	261.93	2.25	0.45	0.6	0.79	206.93	32.57	3.053	67	100	6739.62	932.48	2.2	2051.46	8791.08
CB 121	226	Inayatpur	338.21	2.25	0.45	0.6	0.79	267.19	32.57	3.053	87	100	8702.32	1204.04	2.2	2648.88	11351.21
CB 122	238	Inayatpur	446.72	2.25	0.45	0.6	0.79	352.91	32.57	3.053	115	100	11494.21	1590.32	2.2	3498.70	14992.91
CB 123	311	Inayatpur	465.21	2.25	0.45	0.6	0.79	367.52	32.57	3.053	120	100	11969.99	1656.15	2.2	3643.52	15613.52
CB 124	320	Inayatpur	961.74	2.25	0.45	0.6	0.79	759.77	32.57	3.053	247	100	24745.84	3423.79	2.2	7532.34	32278.19
CB 125	319	Inayatpur	1025.07	2.25	0.45	0.6	0.79	809.80	32.57	3.053	264	100	26375.24	3649.23	2.2	8028.31	34403.55
CB 126	473	Inayatpur	154.40	2.25	0.45	0.6	0.79	121.98	32.57	3.053	40	100	3972.79	549.67	2.2	1209.27	5182.06
CB 127	534	Inayatpur	279.04	2.25	0.45	0.6	0.79	220.44	32.57	3.053	72	100	7179.86	993.39	2.2	2185.46	9365.32
CB 128	541	Inayatpur	270.52	2.25	0.45	0.6	0.79	213.71	32.57	3.053	70	100	6960.49	963.04	2.2	2118.69	9079.17
CB 129	536	Inayatpur	235.30	2.25	0.45	0.6	0.79	185.89	32.57	3.053	61	100	6054.42	837.68	2.2	1842.89	7897.31
CB 130	1065	Paharapur	308.61	2.25	0.45	0.6	0.79	243.81	32.57	3.053	79	100	7940.73	1098.67	2.2	2417.07	10357.80
CB 131		Paharapur	348.27	2.25	0.45	0.6	0.79	275.13	32.57	3.053	90	100	8961.02	1239.83	2.2	2727.63	11688.64
CB 132	1008	Paharapur	676.51	2.25	0.45	0.6	0.79	534.44	32.57	3.053	174	100	17406.76	2408.37	2.2	5298.41	22705.17
CB 133	802	Paharapur	226.93	2.25	0.45	0.6	0.79	179.28	32.57	3.053	58	100	5839.00	807.87	2.2	1777.32	7616.32
CB 134	776	Paharapur	192.17	2.25	0.45	0.6	0.79	151.81	32.57	3.053	49	100	4944.57	684.12	2.2	1505.07	6449.63
CB 135	525	Paharapur	208.51	2.25	0.45	0.6	0.79	164.72	32.57	3.053	54	100	5364.90	742.28	2.2	1633.01	6997.91
CB 136	723	Paharapur	582.32	2.25	0.45	0.6	0.79	460.03	32.57	3.053	150	100	14983.31	2073.07	2.2	4560.74	19544.05
CB 137	707	Paharapur	349.98	2.25	0.45	0.6	0.79	276.49	32.57	3.053	90	100	9005.16	1245.94	2.2	2741.07	11746.23
CB 138	700	Paharapur	271.22	2.25	0.45	0.6	0.79	214.26	32.57	3.053	70	100	6978.52	965.54	2.2	2124.18	9102.69
CB 139		Paharapur	214.86	2.25	0.45	0.6	0.79	169.74	32.57	3.053	55	100	5528.36	764.89	2.2	1682.77	7211.13

CB 140	653	Paharapur	179.47	2.25	0.45	0.6	0.79	141.78	32.57	3.053	46	100	4617.90	638.93	2.2	1405.64	6023.54
CB 141	655	Paharapur	147.42	2.25	0.45	0.6	0.79	116.46	32.57	3.053	38	100	3793.04	524.80	2.2	1154.56	4947.59
CB 142	201	Paharapur	254.24	2.25	0.45	0.6	0.79	200.85	32.57	3.053	65	100	6541.69	905.10	2.2	1991.21	8532.90
CB 143	413	Paharapur	248.57	2.25	0.45	0.6	0.79	196.37	32.57	3.053	64	100	6395.75	884.90	2.2	1946.79	8342.54
CB 144	221	Paharapur	494.46	2.25	0.45	0.6	0.79	390.62	32.57	3.053	127	100	12722.58	1760.27	2.2	3872.60	16595.18
CB 145	158	Paharapur	190.68	2.25	0.45	0.6	0.79	150.64	32.57	3.053	49	100	4906.19	678.81	2.2	1493.39	6399.58
CB 146	343	Paharapur	500.78	2.25	0.45	0.6	0.79	395.62	32.57	3.053	129	100	12885.31	1782.79	2.2	3922.14	16807.44
CB 147	212	Paharapur	254.45	2.25	0.45	0.6	0.79	201.02	32.57	3.053	65	100	6547.20	905.86	2.2	1992.89	8540.09
CB 148	343	Paharapur	627.92	2.25	0.45	0.6	0.79	496.06	32.57	3.053	162	100	16156.64	2235.40	2.2	4917.89	21074.53
CB 149	404	Paharapur	398.84	2.25	0.45	0.6	0.79	315.08	32.57	3.053	103	100	10262.24	1419.87	2.2	3123.70	13385.94
CB 150	311	Paharapur	256.23	2.25	0.45	0.6	0.79	202.42	32.57	3.053	66	100	6592.89	912.18	2.2	2006.80	8599.69
CB 151	783	Paharapur	291.07	2.25	0.45	0.6	0.79	229.95	32.57	3.053	75	100	7489.45	1036.23	2.2	2279.70	9769.14
CB 152	787	Paharapur	371.74	2.25	0.45	0.6	0.79	293.68	32.57	3.053	96	100	9565.00	1323.40	2.2	2911.47	12476.47
CB 153	883	Paharapur	266.41	2.25	0.45	0.6	0.79	210.46	32.57	3.053	69	100	6854.84	948.42	2.2	2086.53	8941.38
CB 154		Akbapur1	1148.37	2.25	0.45	0.6	0.79	907.21	32.57	3.053	295	100	29547.86	4088.19	2.2	8994.02	38541.88
CB 155	600	Khamriya	376.08	2.25	0.45	0.6	0.79	297.10	32.57	3.053	97	100	9676.58	1338.84	2.2	2945.44	12622.02
CB 156	577	Khamriya	294.77	2.25	0.45	0.6	0.79	232.87	32.57	3.053	76	100	7584.47	1049.37	2.2	2308.62	9893.10
CB 157	686	Khamriya	156.95	2.25	0.45	0.6	0.79	123.99	32.57	3.053	40	100	4038.33	558.74	2.2	1229.22	5267.55
CB 158	689	Khamriya	146.40	2.25	0.45	0.6	0.79	115.65	32.57	3.053	38	100	3766.83	521.17	2.2	1146.58	4913.40
CB 159	608	Khamriya	269.69	2.25	0.45	0.6	0.79	213.06	32.57	3.053	69	100	6939.26	960.10	2.2	2112.23	9051.49
CB 160	609	Khamriya	173.56	2.25	0.45	0.6	0.79	137.11	32.57	3.053	45	100	4465.73	617.87	2.2	1359.31	5825.04
CB 161	674	Khamriya	166.99	2.25	0.45	0.6	0.79	131.92	32.57	3.053	43	100	4296.63	594.47	2.2	1307.84	5604.48
CB 162	676	Khamriya	125.77	2.25	0.45	0.6	0.79	99.35	32.57	3.053	32	100	3235.98	447.73	2.2	985.00	4220.98
CB 163	682	Khamriya	243.78	2.25	0.45	0.6	0.79	192.59	32.57	3.053	63	100	6272.51	867.85	2.2	1909.28	8181.79

CB 164	627	Khamriya	253.04	2.25	0.45	0.6	0.79	199.90	32.57	3.053	65	100	6510.82	900.83	2.2	1981.82	8492.64
CB 165	635	Khamriya	131.41	2.25	0.45	0.6	0.79	103.81	32.57	3.053	34	100	3381.20	467.82	2.2	1029.20	4410.40
CB 166	17	Khamriya	121.97	2.25	0.45	0.6	0.79	96.35	32.57	3.053	31	100	3138.26	434.20	2.2	955.25	4093.51
CB 167	144	Khamriya	195.76	2.25	0.45	0.6	0.79	154.65	32.57	3.053	50	100	5036.96	696.90	2.2	1533.19	6570.15
CB 168	104	Khamriya	464.21	2.25	0.45	0.6	0.79	366.73	32.57	3.053	119	100	11944.23	1652.58	2.2	3635.68	15579.92
CB 169	161	Khamriya	570.68	2.25	0.45	0.6	0.79	450.84	32.57	3.053	147	100	14683.77	2031.62	2.2	4469.57	19153.34
CB 170	200	Khamriya	150.82	2.25	0.45	0.6	0.79	119.15	32.57	3.053	39	100	3880.62	536.92	2.2	1181.22	5061.84
CB 171	206	Khamriya	240.47	2.25	0.45	0.6	0.79	189.97	32.57	3.053	62	100	6187.38	856.08	2.2	1883.37	8070.75
CB 172	788	Khamriya	232.01	2.25	0.45	0.6	0.79	183.29	32.57	3.053	60	100	5969.69	825.96	2.2	1817.10	7786.80
CB 173	782	Khamriya	140.33	2.25	0.45	0.6	0.79	110.86	32.57	3.053	36	100	3610.67	499.57	2.2	1099.04	4709.71
CB 174	777	Khamriya	287.68	2.25	0.45	0.6	0.79	227.27	32.57	3.053	74	100	7402.17	1024.15	2.2	2253.13	9655.31
CB 175	472	Khamriya	174.40	2.25	0.45	0.6	0.79	137.78	32.57	3.053	45	100	4487.46	620.88	2.2	1365.93	5853.38
CB 176	472	Khamriya	234.11	2.25	0.45	0.6	0.79	184.95	32.57	3.053	60	100	6023.72	833.43	2.2	1833.55	7857.27
CB 177	441	Khamriya	124.65	2.25	0.45	0.6	0.79	98.47	32.57	3.053	32	100	3207.21	443.74	2.2	976.24	4183.45
CB 178		Khamriya	123.71	2.25	0.45	0.6	0.79	97.73	32.57	3.053	32	100	3183.16	440.42	2.2	968.92	4152.08
CB 179		Khamriya	79.67	2.25	0.45	0.6	0.79	62.94	32.57	3.053	20	100	2049.90	283.62	2.2	623.97	2673.87
CB 180	644	Khamriya	77.86	2.25	0.45	0.6	0.79	61.51	32.57	3.053	20	100	2003.25	277.17	2.2	609.77	2613.02
CB 181	650	Khamriya	73.09	2.25	0.45	0.6	0.79	57.74	32.57	3.053	19	100	1880.75	260.22	2.2	572.48	2453.22
CB 182	694	Khamriya	137.82	2.25	0.45	0.6	0.79	108.88	32.57	3.053	35	100	3546.09	490.63	2.2	1079.39	4625.47
CB 183	463	Khamriya	175.84	2.25	0.45	0.6	0.79	138.91	32.57	3.053	45	100	4524.33	625.98	2.2	1377.15	5901.48
CB 184	717	Khamriya	180.00	2.25	0.45	0.6	0.79	142.20	32.57	3.053	46	100	4631.49	640.80	2.2	1409.77	6041.26
CB 185	718	Khamriya	167.50	2.25	0.45	0.6	0.79	132.33	32.57	3.053	43	100	4309.91	596.31	2.2	1311.89	5621.80
CB 186	463	Khamriya	157.21	2.25	0.45	0.6	0.79	124.20	32.57	3.053	40	100	4045.19	559.68	2.2	1231.31	5276.49
CB 187	253	Khamriya	460.76	2.25	0.45	0.6	0.79	364.00	32.57	3.053	119	100	11855.42	1640.30	2.2	3608.65	15464.07

CB 188	248	Khamriya	474.75	2.25	0.45	0.6	0.79	375.06	32.57	3.053	122	100	12215.57	1690.13	2.2	3718.28	15933.84
CB 189	123	Khamriya	458.34	2.25	0.45	0.6	0.79	362.09	32.57	3.053	118	100	11793.20	1631.69	2.2	3589.71	15382.91
CB 190	p	Khamriya	250.46	2.25	0.45	0.6	0.79	197.86	32.57	3.053	64	100	6444.41	891.64	2.2	1961.60	8406.01
CB 191	366	Khamriya	824.36	2.25	0.45	0.6	0.79	651.25	32.57	3.053	212	100	21211.06	2934.73	2.2	6456.40	27667.46
CB 192	404	Khamriya	322.11	2.25	0.45	0.6	0.79	254.47	32.57	3.053	83	100	8288.06	1146.72	2.2	2522.79	10810.85
CB 193	p	Khamriya	356.21	2.25	0.45	0.6	0.79	281.41	32.57	3.053	92	100	9165.40	1268.11	2.2	2789.84	11955.23
CB 194	p	Khamriya	642.07	2.25	0.45	0.6	0.79	507.24	32.57	3.053	165	100	16520.71	2285.78	2.2	5028.71	21549.42
CB 195	809	Khamriya	302.40	2.25	0.45	0.6	0.79	238.89	32.57	3.053	78	100	7780.73	1076.53	2.2	2368.36	10149.09
CB 196		Khamriya	286.43	2.25	0.45	0.6	0.79	226.28	32.57	3.053	74	100	7370.01	1019.70	2.2	2243.34	9613.35
CB 197	848	Khamriya	548.22	2.25	0.45	0.6	0.79	433.10	32.57	3.053	141	100	14105.95	1951.68	2.2	4293.69	18399.64
CB 198	868	Khamriya	141.73	2.25	0.45	0.6	0.79	111.96	32.57	3.053	36	100	3646.65	504.54	2.2	1110.00	4756.64
CB 199	445	Behati	1323.44	2.25	0.45	0.6	0.79	1045.52	32.57	3.053	341	100	34052.46	4711.44	2.2	10365.17	44417.62
CB 200	451	Behati	799.53	2.25	0.45	0.6	0.79	631.63	32.57	3.053	206	100	20572.26	2846.34	2.2	6261.95	26834.22
CB 201	483	Behati	298.03	2.25	0.45	0.6	0.79	235.44	32.57	3.053	77	100	7668.30	1060.97	2.2	2334.14	10002.44
CB 202	281	Behati	374.23	2.25	0.45	0.6	0.79	295.64	32.57	3.053	96	100	9628.97	1332.25	2.2	2930.95	12559.92
CB 203	317	Behati	334.87	2.25	0.45	0.6	0.79	264.54	32.57	3.053	86	100	8616.20	1192.12	2.2	2622.67	11238.87
CB 204	331	Behati	244.20	2.25	0.45	0.6	0.79	192.92	32.57	3.053	63	100	6283.28	869.34	2.2	1912.56	8195.84
CB 205	329	Behati	545.51	2.25	0.45	0.6	0.79	430.95	32.57	3.053	140	100	14036.10	1942.01	2.2	4272.42	18308.52
CB 206	329	Behati	235.93	2.25	0.45	0.6	0.79	186.39	32.57	3.053	61	100	6070.63	839.92	2.2	1847.83	7918.46
CB 207	379	Behati	680.92	2.25	0.45	0.6	0.79	537.93	32.57	3.053	175	100	17520.35	2424.08	2.2	5332.99	22853.33
CB 208	10	Chandpur Seth	211.86	2.25	0.45	0.6	0.79	167.37	32.57	3.053	55	100	5451.15	754.21	2.2	1659.26	7110.41
CB 209	26	Chandpur Seth	161.85	2.25	0.45	0.6	0.79	127.86	32.57	3.053	42	100	4164.33	576.17	2.2	1267.57	5431.91
CB 210	10	Chandpur Seth	136.26	2.25	0.45	0.6	0.79	107.65	32.57	3.053	35	100	3506.12	485.10	2.2	1067.22	4573.34
CB 211	57	Chandpur Seth	325.41	2.25	0.45	0.6	0.79	257.08	32.57	3.053	84	100	8372.95	1158.47	2.2	2548.63	10921.58

CB 212	113	Chandpur Seth	385.30	2.25	0.45	0.6	0.79	304.39	32.57	3.053	99	100	9913.84	1371.66	2.2	3017.66	12931.49
CB 213	69	Chandpur Seth	173.78	2.25	0.45	0.6	0.79	137.29	32.57	3.053	45	100	4471.51	618.67	2.2	1361.07	5832.58
CB 214	94	Chandpur Seth	367.53	2.25	0.45	0.6	0.79	290.34	32.57	3.053	95	100	9456.53	1308.39	2.2	2878.46	12334.99
CB 215	258	Chandpur Seth	344.43	2.25	0.45	0.6	0.79	272.10	32.57	3.053	89	100	8862.25	1226.17	2.2	2697.56	11559.81
CB 216	237	Chandpur Seth	33.38	2.25	0.45	0.6	0.79	26.37	32.57	3.053	9	100	858.91	118.84	2.2	261.44	1120.35
CB 217	237	Chandpur Seth	213.44	2.25	0.45	0.6	0.79	168.62	32.57	3.053	55	100	5491.86	759.84	2.2	1671.66	7163.52
CB 218	227	Chandpur Seth	298.44	2.25	0.45	0.6	0.79	235.77	32.57	3.053	77	100	7678.88	1062.44	2.2	2337.36	10016.24
CB 219	199	Chandpur Seth	93.35	2.25	0.45	0.6	0.79	73.74	32.57	3.053	24	100	2401.82	332.31	2.2	731.09	3132.91
CB 220	123	Chandpur Seth	205.72	2.25	0.45	0.6	0.79	162.52	32.57	3.053	53	100	5293.31	732.37	2.2	1611.22	6904.54
CB 221	195	Chandpur Seth	305.77	2.25	0.45	0.6	0.79	241.55	32.57	3.053	79	100	7867.44	1088.53	2.2	2394.76	10262.20
CB 222	171	Chandpur Seth	140.98	2.25	0.45	0.6	0.79	111.38	32.57	3.053	36	100	3627.56	501.90	2.2	1104.19	4731.74
CB 223	167	Chandpur Seth	240.54	2.25	0.45	0.6	0.79	190.02	32.57	3.053	62	100	6189.10	856.31	2.2	1883.89	8072.98
CB 224	351	Chandpur Seth	166.55	2.25	0.45	0.6	0.79	131.57	32.57	3.053	43	100	4285.28	592.90	2.2	1304.39	5589.67
CB 225	162	Chandpur Seth	334.75	2.25	0.45	0.6	0.79	264.45	32.57	3.053	86	100	8613.24	1191.71	2.2	2621.77	11235.01
CB 226	344	Chandpur Seth	302.33	2.25	0.45	0.6	0.79	238.84	32.57	3.053	78	100	7779.10	1076.30	2.2	2367.87	10146.97
CB 227	49	Bajehra	264.68	2.25	0.45	0.6	0.79	209.10	32.57	3.053	68	100	6810.28	942.26	2.2	2072.97	8883.25
CB 228	51	Bajehra	80.72	2.25	0.45	0.6	0.79	63.77	32.57	3.053	21	100	2076.93	287.36	2.2	632.19	2709.13
CB 229	30	Bajehra	250.21	2.25	0.45	0.6	0.79	197.67	32.57	3.053	64	100	6438.04	890.76	2.2	1959.66	8397.70
CB 230	54	Behdambar	180.75	2.25	0.45	0.6	0.79	142.79	32.57	3.053	47	100	4650.72	643.47	2.2	1415.63	6066.35
CB 231	54	Behdambar	113.67	2.25	0.45	0.6	0.79	89.80	32.57	3.053	29	100	2924.73	404.66	2.2	890.25	3814.99
CB 232	57	Behdambar	383.12	2.25	0.45	0.6	0.79	302.67	32.57	3.053	99	100	9857.81	1363.91	2.2	3000.60	12858.41
CB 233	24	Bajehra	677.68	2.25	0.45	0.6	0.79	535.37	32.57	3.053	174	100	17436.86	2412.53	2.2	5307.57	22744.44
CB 234	52	Bajehra	467.27	2.25	0.45	0.6	0.79	369.14	32.57	3.053	120	100	12022.97	1663.48	2.2	3659.65	15682.62
CB 235	27	Bajehra	283.52	2.25	0.45	0.6	0.79	223.98	32.57	3.053	73	100	7295.06	1009.33	2.2	2220.53	9515.59

CB 236	32	Bajehra	279.25	2.25	0.45	0.6	0.79	220.61	32.57	3.053	72	100	7185.17	994.13	2.2	2187.08	9372.26
CB 237	1145	Bajehra	184.83	2.25	0.45	0.6	0.79	146.01	32.57	3.053	48	100	4755.71	657.99	2.2	1447.58	6203.29
CB 238	1145	Bajehra	182.49	2.25	0.45	0.6	0.79	144.17	32.57	3.053	47	100	4695.62	649.68	2.2	1429.29	6124.92
CB 239	1151	Bajehra	202.93	2.25	0.45	0.6	0.79	160.31	32.57	3.053	52	100	5221.36	722.42	2.2	1589.32	6810.68
CB 240	1186	Bajehra	590.74	2.25	0.45	0.6	0.79	466.69	32.57	3.053	152	100	15200.00	2103.05	2.2	4626.70	19826.70
CB 241	1186	Bajehra	549.29	2.25	0.45	0.6	0.79	433.94	32.57	3.053	141	100	14133.30	1955.46	2.2	4302.01	18435.31
CB 242		Bajehra	553.75	2.25	0.45	0.6	0.79	437.47	32.57	3.053	142	100	14248.26	1971.36	2.2	4337.00	18585.26
CB 243	1224	Bajehra	203.22	2.25	0.45	0.6	0.79	160.54	32.57	3.053	52	100	5228.92	723.46	2.2	1591.62	6820.54
CB 244	1258	Bajehra	744.95	2.25	0.45	0.6	0.79	588.51	32.57	3.053	192	100	19167.87	2652.03	2.2	5834.47	25002.35
CB 245	1258	Bajehra	227.54	2.25	0.45	0.6	0.79	179.76	32.57	3.053	59	100	5854.64	810.04	2.2	1782.08	7636.72
CB 246	1284	Bajehra	217.79	2.25	0.45	0.6	0.79	172.06	32.57	3.053	56	100	5603.85	775.34	2.2	1705.75	7309.59
CB 247	1292	Bajehra	397.61	2.25	0.45	0.6	0.79	314.11	32.57	3.053	102	100	10230.50	1415.47	2.2	3114.04	13344.54
CB 248	87	Behati	416.83	2.25	0.45	0.6	0.79	329.30	32.57	3.053	107	100	10725.18	1483.92	2.2	3264.62	13989.80
CB 249	25	Behati	272.57	2.25	0.45	0.6	0.79	215.33	32.57	3.053	70	100	7013.25	970.34	2.2	2134.75	9148.00
CB 250	431	Sadarpur	405.41	2.25	0.45	0.6	0.79	320.28	32.57	3.053	104	100	10431.44	1443.28	2.2	3175.21	13606.65
CB 251	431	Sadarpur	140.51	2.25	0.45	0.6	0.79	111.00	32.57	3.053	36	100	3615.31	500.21	2.2	1100.46	4715.77
TOTAL			75330.97					59511.46			19383		1938288.40	268178.25		589992.14	2528280.54
		Note: .02 have redused from CS as existing structure															

MARGINAL BUNDS:- 2B1H1d3c

Work	Kh. No.	Vill.Name	Length	BASE	TOP	HIGHT	CS	EW	RATE	MD	L. CHARGES	T. COST
MB 001	261	Jadwapur	297.33	5.85	3.6	0.75	3.50	1040.64	32.57	339	100	33893.57
MB 002	242	Jadwapur	133.25	5.85	3.6	0.75	3.50	466.39	32.57	152	100	15190.20
MB 003	330	Jadwapur	362.62	5.85	3.6	0.75	3.50	1269.15	32.57	413	100	41336.36
MB 004	323	Jadwapur	195.44	5.85	3.6	0.75	3.50	684.04	32.57	223	100	22279.21
MB 005	765	Seorukh Kalan	522.48	5.85	3.6	0.75	3.50	1828.69	32.57	596	100	59560.48
MB 006	763	Seorukh Kalan	166.78	5.85	3.6	0.75	3.50	583.72	32.57	190	100	19011.68
MB 007	664	Seorukh Kalan	232.32	5.85	3.6	0.75	3.50	813.14	32.57	265	100	26483.87
MB 008	10	Shivrakh Khurd	336.08	5.85	3.6	0.75	3.50	1176.28	32.57	383	100	38311.40
MB 009	60	Shivrakh Khurd	234.25	5.85	3.6	0.75	3.50	819.86	32.57	267	100	26702.84
MB 010	43	Shivrakh Khurd	249.73	5.85	3.6	0.75	3.50	874.05	32.57	285	100	28467.80
MB 011	68	Shivrakh Khurd	331.63	5.85	3.6	0.75	3.50	1160.70	32.57	378	100	37804.03
MB 012	521	Seorukh Kalan	728.95	5.85	3.6	0.75	3.50	2551.34	32.57	831	100	83097.03
MB 013	740	Seorukh Kalan	470.68	5.85	3.6	0.75	3.50	1647.38	32.57	537	100	53655.14
MB 014	790	Seorukh Kalan	507.78	5.85	3.6	0.75	3.50	1777.23	32.57	579	100	57884.51
MB 015		Shivrakh Khurd	165.94	5.85	3.6	0.75	3.50	580.79	32.57	189	100	18916.33
MB 016	104	Shivrakh Khurd	409.68	5.85	3.6	0.75	3.50	1433.88	32.57	467	100	46701.38

MB 017	93	Shivrakh Khurd	321.29	5.85	3.6	0.75	3.50	1124.52	32.57	366	100	36625.63
MB 018	81	Shivrakh Khurd	203.24	5.85	3.6	0.75	3.50	711.36	32.57	232	100	23168.86
MB 019	731	Seorukh Kalan	249.77	5.85	3.6	0.75	3.50	874.20	32.57	285	100	28472.65
MB 020	723	Seorukh Kalan	439.62	5.85	3.6	0.75	3.50	1538.66	32.57	501	100	50114.19
MB 021	50	Pipri Chand	413.40	5.85	3.6	0.75	3.50	1446.91	32.57	471	100	47125.87
MB 022	156	Seorukh Kalan	176.02	5.85	3.6	0.75	3.50	616.07	32.57	201	100	20065.29
MB 023	161	Seorukh Kalan	130.68	5.85	3.6	0.75	3.50	457.38	32.57	149	100	14897.01
MB 024	140	Seorukh Kalan	414.74	5.85	3.6	0.75	3.50	1451.58	32.57	473	100	47277.92
MB 025	140	Seorukh Kalan	581.57	5.85	3.6	0.75	3.50	2035.50	32.57	663	100	66296.12
MB 026	476	Saraiyan Chalakapur	220.96	5.85	3.6	0.75	3.50	773.37	32.57	252	100	25188.50
MB 027	469	Saraiyan Chalakapur	250.27	5.85	3.6	0.75	3.50	875.94	32.57	285	100	28529.51
MB 028	458	Saraiyan Chalakapur	253.33	5.85	3.6	0.75	3.50	886.66	32.57	289	100	28878.45
MB 029	436	Saraiyan Chalakapur	187.47	5.85	3.6	0.75	3.50	656.13	32.57	214	100	21370.28
MB 030	435	Saraiyan Chalakapur	182.92	5.85	3.6	0.75	3.50	640.21	32.57	209	100	20851.62
MB 031	4	Pipri Chand	144.74	5.85	3.6	0.75	3.50	506.58	32.57	165	100	16499.36
MB 032	8	Pipri Chand	281.88	5.85	3.6	0.75	3.50	986.57	32.57	321	100	32132.50
MB 033	10	Pipri Chand	271.40	5.85	3.6	0.75	3.50	949.90	32.57	309	100	30938.34
MB 034	18	Pipri Chand	274.80	5.85	3.6	0.75	3.50	961.78	32.57	313	100	31325.27
MB	37	Pipri Chand	168.20	5.85	3.6	0.75	3.50	588.70	32.57	192	100	19174.08

035												
MB 036	45	Pipri Chand	315.95	5.85	3.6	0.75	3.50	1105.84	32.57	360	100	36017.23
MB 037	45	Pipri Chand	303.61	5.85	3.6	0.75	3.50	1062.63	32.57	346	100	34609.77
MB 038	389	Saraiyan Chalakapur	496.29	5.85	3.6	0.75	3.50	1737.03	32.57	566	100	56574.91
MB 039	443	Saraiyan Chalakapur	166.06	5.85	3.6	0.75	3.50	581.20	32.57	189	100	18929.69
MB 040	279	Bangawa	276.25	5.85	3.6	0.75	3.50	966.86	32.57	315	100	31490.77
MB 041	140	Pipri Chand	238.21	5.85	3.6	0.75	3.50	833.73	32.57	272	100	27154.63
MB 042	155	Pipri Chand	333.65	5.85	3.6	0.75	3.50	1167.76	32.57	380	100	38034.01
MB 043	66	Pipri Chand	451.90	5.85	3.6	0.75	3.50	1581.65	32.57	515	100	51514.45
MB 044	190	Pipri Chand	651.92	5.85	3.6	0.75	3.50	2281.72	32.57	743	100	74315.69
MB 045	174	Pipri Chand	507.14	5.85	3.6	0.75	3.50	1774.98	32.57	578	100	57811.00
MB 046	76	Gangela	262.82	5.85	3.6	0.75	3.50	919.88	32.57	300	100	29960.55
MB 047	258	Pipri Chand	479.37	5.85	3.6	0.75	3.50	1677.79	32.57	546	100	54645.54
MB 048	p	Inayatpur	833.30	5.85	3.6	0.75	3.50	2916.55	32.57	950	100	94992.01
MB 049	16	Inayatpur	186.96	5.85	3.6	0.75	3.50	654.34	32.57	213	100	21311.99
MB 050	214	Pipri Chand	521.02	5.85	3.6	0.75	3.50	1823.58	32.57	594	100	59394.07
MB 051	37	Inayatpur	535.27	5.85	3.6	0.75	3.50	1873.45	32.57	610	100	61018.26
MB 052	76	Inayatpur	579.95	5.85	3.6	0.75	3.50	2029.83	32.57	661	100	66111.67
MB 053	266	Inayatpur	206.36	5.85	3.6	0.75	3.50	722.25	32.57	235	100	23523.55

MB 054	296	Inayatpur	424.83	5.85	3.6	0.75	3.50	1486.89	32.57	484	100	48427.95
MB 055	297	Inayatpur	484.45	5.85	3.6	0.75	3.50	1695.57	32.57	552	100	55224.79
MB 056	988	Paharapur	293.07	5.85	3.6	0.75	3.50	1025.73	32.57	334	100	33408.08
MB 057	988	Paharapur	352.93	5.85	3.6	0.75	3.50	1235.26	32.57	402	100	40232.51
MB 058	988	Paharapur	251.46	5.85	3.6	0.75	3.50	880.10	32.57	287	100	28664.99
MB 059	985	Paharapur	228.56	5.85	3.6	0.75	3.50	799.95	32.57	261	100	26054.21
MB 060		Paharapur	406.76	5.85	3.6	0.75	3.50	1423.66	32.57	464	100	46368.58
MB 061	826	Paharapur	581.57	5.85	3.6	0.75	3.50	2035.48	32.57	663	100	66295.55
MB 062	511	Paharapur	1295.58	5.85	3.6	0.75	3.50	4534.54	32.57	1477	100	147690.09
MB 063	807	Paharapur	191.43	5.85	3.6	0.75	3.50	669.99	32.57	218	100	21821.70
MB 064	612	Paharapur	435.75	5.85	3.6	0.75	3.50	1525.11	32.57	497	100	49672.85
MB 065	651	Paharapur	102.17	5.85	3.6	0.75	3.50	357.59	32.57	116	100	11646.65
MB 066	651	Paharapur	177.78	5.85	3.6	0.75	3.50	622.25	32.57	203	100	20266.59
MB 067	644	Paharapur	376.87	5.85	3.6	0.75	3.50	1319.05	32.57	430	100	42961.59
MB 068	639	Paharapur	380.56	5.85	3.6	0.75	3.50	1331.98	32.57	434	100	43382.43
MB 069	639	Paharapur	442.56	5.85	3.6	0.75	3.50	1548.96	32.57	504	100	50449.65
MB 070	650	Paharapur	168.82	5.85	3.6	0.75	3.50	590.87	32.57	192	100	19244.62
MB 071	612	Paharapur	314.64	5.85	3.6	0.75	3.50	1101.23	32.57	359	100	35867.11
MB	618	Paharapur	261.89	5.85	3.6	0.75	3.50	916.60	32.57	299	100	29853.82

072												
MB 073	627	Paharapur	145.99	5.85	3.6	0.75	3.50	510.96	32.57	166	100	16641.99
MB 074	634	Paharapur	198.08	5.85	3.6	0.75	3.50	693.27	32.57	226	100	22579.70
MB 075	417	Paharapur	264.22	5.85	3.6	0.75	3.50	924.79	32.57	301	100	30120.27
MB 076	188	Paharapur	525.16	5.85	3.6	0.75	3.50	1838.04	32.57	599	100	59865.06
MB 077	189	Paharapur	330.81	5.85	3.6	0.75	3.50	1157.85	32.57	377	100	37711.20
MB 078		Paharapur	210.92	5.85	3.6	0.75	3.50	738.21	32.57	240	100	24043.65
MB 079	584	Paharapur	355.68	5.85	3.6	0.75	3.50	1244.88	32.57	405	100	40545.86
MB 080	568	Paharapur	616.40	5.85	3.6	0.75	3.50	2157.41	32.57	703	100	70266.84
MB 081	551	Paharapur	121.84	5.85	3.6	0.75	3.50	426.45	32.57	139	100	13889.64
MB 082	545	Paharapur	298.79	5.85	3.6	0.75	3.50	1045.76	32.57	341	100	34060.52
MB 083	579	Paharapur	340.18	5.85	3.6	0.75	3.50	1190.63	32.57	388	100	38778.82
MB 084	802	Seorukh Kalan	113.53	5.85	3.6	0.75	3.50	397.34	32.57	129	100	12941.41
MB 085	102	Paharapur	492.13	5.85	3.6	0.75	3.50	1722.45	32.57	561	100	56100.35
MB 086	807	Seorukh Kalan	252.98	5.85	3.6	0.75	3.50	885.44	32.57	288	100	28838.72
MB 087	139	Paharapur	683.30	5.85	3.6	0.75	3.50	2391.54	32.57	779	100	77892.32
MB 088	137	Paharapur	604.31	5.85	3.6	0.75	3.50	2115.07	32.57	689	100	68887.82
MB 089	102	Paharapur	258.27	5.85	3.6	0.75	3.50	903.94	32.57	294	100	29441.28
MB 090	595	Paharapur	339.29	5.85	3.6	0.75	3.50	1187.51	32.57	387	100	38677.13

MB 091		Paharapur	312.71	5.85	3.6	0.75	3.50	1094.47	32.57	356	100	35646.82
MB 092	176	Paharapur	195.87	5.85	3.6	0.75	3.50	685.56	32.57	223	100	22328.57
MB 093	164	Paharapur	409.18	5.85	3.6	0.75	3.50	1432.12	32.57	466	100	46644.12
MB 094	163	Paharapur	138.99	5.85	3.6	0.75	3.50	486.47	32.57	158	100	15844.34
MB 095	209	Paharapur	148.60	5.85	3.6	0.75	3.50	520.10	32.57	169	100	16939.62
MB 096	573	Mahariya	268.69	5.85	3.6	0.75	3.50	940.41	32.57	306	100	30629.21
MB 097	767	Akbapur1	671.53	5.85	3.6	0.75	3.50	2350.34	32.57	766	100	76550.53
MB 098		Akbapur1	670.37	5.85	3.6	0.75	3.50	2346.28	32.57	764	100	76418.34
MB 099		Akbapur1	444.67	5.85	3.6	0.75	3.50	1556.34	32.57	507	100	50690.00
MB 100		Akbapur1	659.88	5.85	3.6	0.75	3.50	2309.58	32.57	752	100	75223.08
MB 101	369	Paharapur	1247.07	5.85	3.6	0.75	3.50	4364.73	32.57	1422	100	142159.22
MB 102	577	Khamriya	571.24	5.85	3.6	0.75	3.50	1999.33	32.57	651	100	65118.07
MB 103	329	Paharapur	468.59	5.85	3.6	0.75	3.50	1640.07	32.57	534	100	53416.98
MB 104	468	Paharapur	634.00	5.85	3.6	0.75	3.50	2219.02	32.57	723	100	72273.39
MB 105	944	Paharapur	591.58	5.85	3.6	0.75	3.50	2070.53	32.57	674	100	67437.21
MB 106	603	Khamriya	160.08	5.85	3.6	0.75	3.50	560.27	32.57	182	100	18247.91
MB 107	635	Khamriya	1833.55	5.85	3.6	0.75	3.50	6417.43	32.57	2090	100	209015.85
MB 108	552	Khamriya	317.04	5.85	3.6	0.75	3.50	1109.65	32.57	361	100	36141.43
MB	900	Paharapur	556.63	5.85	3.6	0.75	3.50	1948.21	32.57	635	100	63453.24

109												
MB 110	900	Paharapur	313.41	5.85	3.6	0.75	3.50	1096.94	32.57	357	100	35727.46
MB 111	595	Khamriya	256.30	5.85	3.6	0.75	3.50	897.05	32.57	292	100	29216.84
MB 112	674	Khamriya	253.61	5.85	3.6	0.75	3.50	887.64	32.57	289	100	28910.54
MB 113	613	Khamriya	383.73	5.85	3.6	0.75	3.50	1343.06	32.57	437	100	43743.46
MB 114	642	Khamriya	104.22	5.85	3.6	0.75	3.50	364.77	32.57	119	100	11880.56
MB 115	638	Khamriya	478.43	5.85	3.6	0.75	3.50	1674.52	32.57	545	100	54539.16
MB 116	34	Khamriya	494.35	5.85	3.6	0.75	3.50	1730.23	32.57	564	100	56353.59
MB 117	462	Khamriya	290.89	5.85	3.6	0.75	3.50	1018.11	32.57	332	100	33159.83
MB 118	701	Khamriya	204.30	5.85	3.6	0.75	3.50	715.04	32.57	233	100	23288.90
MB 119	706	Khamriya	429.34	5.85	3.6	0.75	3.50	1502.68	32.57	489	100	48942.27
MB 120	712	Khamriya	270.66	5.85	3.6	0.75	3.50	947.33	32.57	309	100	30854.43
MB 121	760	Khamriya	824.73	5.85	3.6	0.75	3.50	2886.56	32.57	940	100	94015.35
MB 122	297	Khamriya	538.24	5.85	3.6	0.75	3.50	1883.83	32.57	614	100	61356.39
MB 123	314	Khamriya	456.14	5.85	3.6	0.75	3.50	1596.49	32.57	520	100	51997.52
MB 124	373	Khamriya	484.17	5.85	3.6	0.75	3.50	1694.60	32.57	552	100	55193.16
MB 125	882	Khamriya	474.73	5.85	3.6	0.75	3.50	1661.54	32.57	541	100	54116.35
MB 126	342	Khamriya	750.27	5.85	3.6	0.75	3.50	2625.93	32.57	855	100	85526.51
MB 127	872	Khamriya	732.46	5.85	3.6	0.75	3.50	2563.62	32.57	835	100	83497.16

MB 128		Khamriya	361.48	5.85	3.6	0.75	3.50	1265.19	32.57	412	100	41207.29
MB 129	773	Khamriya	453.59	5.85	3.6	0.75	3.50	1587.57	32.57	517	100	51707.02
MB 130	986	Khamriya	668.07	5.85	3.6	0.75	3.50	2338.24	32.57	762	100	76156.40
MB 131	986	Khamriya	146.56	5.85	3.6	0.75	3.50	512.95	32.57	167	100	16706.62
MB 132	956	Khamriya	94.60	5.85	3.6	0.75	3.50	331.11	32.57	108	100	10784.36
MB 133	999	Khamriya	446.36	5.85	3.6	0.75	3.50	1562.26	32.57	509	100	50882.88
MB 134	937	Khamriya	977.80	5.85	3.6	0.75	3.50	3422.29	32.57	1115	100	111463.82
MB 135	889	Khamriya	351.70	5.85	3.6	0.75	3.50	1230.93	32.57	401	100	40091.48
MB 136	324	Chandpur Seth	1123.22	5.85	3.6	0.75	3.50	3931.28	32.57	1280	100	128041.79
MB 137	278	Chandpur Seth	689.30	5.85	3.6	0.75	3.50	2412.55	32.57	786	100	78576.64
MB 138	317	Behati	465.61	5.85	3.6	0.75	3.50	1629.65	32.57	531	100	53077.55
MB 139	340	Behati	347.59	5.85	3.6	0.75	3.50	1216.56	32.57	396	100	39623.43
MB 140	350	Behati	535.63	5.85	3.6	0.75	3.50	1874.70	32.57	611	100	61058.95
MB 141	114	Chandpur Seth	301.02	5.85	3.6	0.75	3.50	1053.58	32.57	343	100	34315.25
MB 142	229	Chandpur Seth	358.58	5.85	3.6	0.75	3.50	1255.01	32.57	409	100	40875.84
MB 143	78	Chandpur Seth	226.44	5.85	3.6	0.75	3.50	792.54	32.57	258	100	25812.90
MB 144	285	Chandpur Seth	378.70	5.85	3.6	0.75	3.50	1325.44	32.57	432	100	43169.48
MB 145	275	Chandpur Seth	380.17	5.85	3.6	0.75	3.50	1330.61	32.57	433	100	43337.95
MB	197	Chandpur Seth	788.27	5.85	3.6	0.75	3.50	2758.94	32.57	899	100	89858.64

146												
MB 147	134	Chandpur Seth	362.94	5.85	3.6	0.75	3.50	1270.29	32.57	414	100	41373.37
MB 148	120	Chandpur Seth	273.15	5.85	3.6	0.75	3.50	956.02	32.57	311	100	31137.67
MB 149	130	Chandpur Seth	420.55	5.85	3.6	0.75	3.50	1471.92	32.57	479	100	47940.58
MB 150		Chandpur Seth	229.45	5.85	3.6	0.75	3.50	803.08	32.57	262	100	26156.33
MB 151	162	Chandpur Seth	297.95	5.85	3.6	0.75	3.50	1042.83	32.57	340	100	33965.04
MB 152	143	Chandpur Seth	373.62	5.85	3.6	0.75	3.50	1307.67	32.57	426	100	42590.73
MB 153	333	Chandpur Seth	376.61	5.85	3.6	0.75	3.50	1318.14	32.57	429	100	42931.71
MB 154		Chandpur Seth	485.74	5.85	3.6	0.75	3.50	1700.09	32.57	554	100	55371.79
MB 155	10	Bajehra	611.50	5.85	3.6	0.75	3.50	2140.26	32.57	697	100	69708.22
MB 156	33	Behdambar	381.73	5.85	3.6	0.75	3.50	1336.05	32.57	435	100	43515.01
MB 157	45	Behdambar	168.77	5.85	3.6	0.75	3.50	590.69	32.57	192	100	19238.90
MB 158	80	Behdambar	929.92	5.85	3.6	0.75	3.50	3254.71	32.57	1060	100	106005.76
MB 159	109	Bajehra	400.80	5.85	3.6	0.75	3.50	1402.81	32.57	457	100	45689.49
MB 160	117	Bajehra	352.85	5.85	3.6	0.75	3.50	1234.96	32.57	402	100	40222.75
MB 161	23	Bajehra	356.90	5.85	3.6	0.75	3.50	1249.16	32.57	407	100	40685.02
MB 162	57	Bajehra	184.67	5.85	3.6	0.75	3.50	646.35	32.57	211	100	21051.71
MB 163	76	Bajehra	207.10	5.85	3.6	0.75	3.50	724.84	32.57	236	100	23608.17
MB 164	309	Bajehra	202.15	5.85	3.6	0.75	3.50	707.54	32.57	230	100	23044.50

MB 165	196	Bajehra	388.80	5.85	3.6	0.75	3.50	1360.78	32.57	443	100	44320.75
MB 166	155	Bajehra	397.64	5.85	3.6	0.75	3.50	1391.75	32.57	453	100	45329.39
MB 167	194	Bajehra	169.80	5.85	3.6	0.75	3.50	594.30	32.57	194	100	19356.47
MB 168	226	Bajehra	341.88	5.85	3.6	0.75	3.50	1196.58	32.57	390	100	38972.59
MB 169	286	Bajehra	647.61	5.85	3.6	0.75	3.50	2266.65	32.57	738	100	73824.73
MB 170	1175	Bajehra	176.77	5.85	3.6	0.75	3.50	618.70	32.57	202	100	20151.06
MB 171	162	Chandpur Seth	76.33	5.85	3.6	0.75	3.50	267.16	32.57	87	100	8701.54
MB 172	1179	Bajehra	355.41	5.85	3.6	0.75	3.50	1243.95	32.57	405	100	40515.30
MB 173	1165	Bajehra	203.17	5.85	3.6	0.75	3.50	711.08	32.57	232	100	23159.82
MB 174	286	Bajehra	393.76	5.85	3.6	0.75	3.50	1378.17	32.57	449	100	44886.98
MB 175	284	Bajehra	63.91	5.85	3.6	0.75	3.50	223.67	32.57	73	100	7285.00
MB 176	281	Bajehra	185.00	5.85	3.6	0.75	3.50	647.50	32.57	211	100	21089.01
MB 177	1108	Bajehra	294.08	5.85	3.6	0.75	3.50	1029.27	32.57	335	100	33523.37
MB 178		Tamnapur	239.98	5.85	3.6	0.75	3.50	839.93	32.57	274	100	27356.40
MB 179		Tamnapur	229.15	5.85	3.6	0.75	3.50	802.03	32.57	261	100	26122.21
MB 180	34	Tamnapur	311.15	5.85	3.6	0.75	3.50	1089.02	32.57	355	100	35469.26
MB 181	34	Tamnapur	300.96	5.85	3.6	0.75	3.50	1053.37	32.57	343	100	34308.27
MB 182	39	Tamnapur	165.80	5.85	3.6	0.75	3.50	580.31	32.57	189	100	18900.86
MB	173	Tamnapur	164.06	5.85	3.6	0.75	3.50	574.20	32.57	187	100	18701.63

183												
MB 184	162	Tamnapur	667.36	5.85	3.6	0.75	3.50	2335.76	32.57	761	100	76075.62
MB 185	3	Gondwa	313.69	5.85	3.6	0.75	3.50	1097.90	32.57	358	100	35758.62
MB 186	24	Gondwa	190.27	5.85	3.6	0.75	3.50	665.93	32.57	217	100	21689.34
MB 187	29	Gondwa	272.52	5.85	3.6	0.75	3.50	953.81	32.57	311	100	31065.57
MB 188	31	Gondwa	151.66	5.85	3.6	0.75	3.50	530.80	32.57	173	100	17288.04
MB 189	32	Gondwa	337.03	5.85	3.6	0.75	3.50	1179.60	32.57	384	100	38419.46
MB 190	33	Gondwa	212.69	5.85	3.6	0.75	3.50	744.43	32.57	242	100	24245.92
MB 191	33	Gondwa	195.37	5.85	3.6	0.75	3.50	683.80	32.57	223	100	22271.38
MB 192	242	Saraiyan Chalakapur	342.31	5.85	3.6	0.75	3.50	1198.07	32.57	390	100	39021.26
MB 193	201	Jadwapur	378.05	5.85	3.6	0.75	3.50	1323.17	32.57	431	100	43095.51
MB 194	52	Gondwa	199.76	5.85	3.6	0.75	3.50	699.16	32.57	228	100	22771.50
MB 195	170	Jadwapur	269.39	5.85	3.6	0.75	3.50	942.86	32.57	307	100	30709.07
MB 196	8	Gondwa	154.92	5.85	3.6	0.75	3.50	542.22	32.57	177	100	17659.97
MB 197	5	Gondwa	141.47	5.85	3.6	0.75	3.50	495.13	32.57	161	100	16126.39
MB 198	5	Gondwa	268.14	5.85	3.6	0.75	3.50	938.49	32.57	306	100	30566.55
MB 199	24	Gondwa	119.40	5.85	3.6	0.75	3.50	417.89	32.57	136	100	13610.69
MB 200	36	Gondwa	98.05	5.85	3.6	0.75	3.50	343.17	32.57	112	100	11177.14
MB 201	20	Gondwa	102.62	5.85	3.6	0.75	3.50	359.16	32.57	117	100	11697.79

MB 202	45	Gondwa	389.56	5.85	3.6	0.75	3.50	1363.46	32.57	444	100	44407.83
MB 203	164	Jadwapur	352.97	5.85	3.6	0.75	3.50	1235.38	32.57	402	100	40236.29
MB 204	41	Gondwa	258.07	5.85	3.6	0.75	3.50	903.24	32.57	294	100	29418.38
MB 205	169	Jadwapur	109.64	5.85	3.6	0.75	3.50	383.76	32.57	125	100	12498.96
MB 206	198	Jadwapur	360.79	5.85	3.6	0.75	3.50	1262.76	32.57	411	100	41127.94
MB 207	303	Saraiyan Chalakapur	150.49	5.85	3.6	0.75	3.50	526.73	32.57	172	100	17155.66
MB 208	444	Saraiyan Chalakapur	252.92	5.85	3.6	0.75	3.50	885.22	32.57	288	100	28831.53
MB 209	383	Saraiyan Chalakapur	278.49	5.85	3.6	0.75	3.50	974.70	32.57	317	100	31746.09
MB 210	137	Pipri Chand	151.38	5.85	3.6	0.75	3.50	529.84	32.57	173	100	17256.93
MB 211	257	Pipri Chand	469.51	5.85	3.6	0.75	3.50	1643.28	32.57	535	100	53521.79
MB 212	216	Inayatpur	244.36	5.85	3.6	0.75	3.50	855.28	32.57	279	100	27856.31
MB 213	201	Behati	280.41	5.85	3.6	0.75	3.50	981.42	32.57	320	100	31964.95
MB 214	209	Behati	205.92	5.85	3.6	0.75	3.50	720.73	32.57	235	100	23474.11
MB 215	215	Behati	242.25	5.85	3.6	0.75	3.50	847.87	32.57	276	100	27614.97
MB 216	199	Behati	167.94	5.85	3.6	0.75	3.50	587.80	32.57	191	100	19144.59
MB 217	182	Behati	325.27	5.85	3.6	0.75	3.50	1138.44	32.57	371	100	37078.98
MB 218	258	Behati	292.41	5.85	3.6	0.75	3.50	1023.43	32.57	333	100	33333.03
MB 219	395	Behati	294.62	5.85	3.6	0.75	3.50	1031.16	32.57	336	100	33584.88
MB	251	Behati	175.21	5.85	3.6	0.75	3.50	613.23	32.57	200	100	19972.76

220												
MB 221	251	Behati	341.90	5.85	3.6	0.75	3.50	1196.65	32.57	390	100	38974.89
MB 222	255	Behati	285.97	5.85	3.6	0.75	3.50	1000.90	32.57	326	100	32599.19
MB 223	257	Behati	250.92	5.85	3.6	0.75	3.50	878.22	32.57	286	100	28603.64
MB 224	176	Behati	236.63	5.85	3.6	0.75	3.50	828.21	32.57	270	100	26974.90
MB 225	155	Behati	399.06	5.85	3.6	0.75	3.50	1396.72	32.57	455	100	45491.01
MB 226	1	Chandpur Seth	429.00	5.85	3.6	0.75	3.50	1501.50	32.57	489	100	48903.74
MB 227	117	Behati	467.76	5.85	3.6	0.75	3.50	1637.15	32.57	533	100	53321.83
MB 228	155	Behati	264.83	5.85	3.6	0.75	3.50	926.92	32.57	302	100	30189.71
MB 229	167	Behati	334.46	5.85	3.6	0.75	3.50	1170.61	32.57	381	100	38126.65
MB 230	117	Behati	216.26	5.85	3.6	0.75	3.50	756.90	32.57	247	100	24652.23
MB 231	176	Behati	324.15	5.85	3.6	0.75	3.50	1134.51	32.57	370	100	36951.03
MB 232	405	Behati	440.15	5.85	3.6	0.75	3.50	1540.52	32.57	502	100	50174.88
MB 233	268	Behati	242.36	5.85	3.6	0.75	3.50	848.27	32.57	276	100	27628.12
MB 234	281	Behati	113.44	5.85	3.6	0.75	3.50	397.04	32.57	129	100	12931.54
MB 235	145	Behati	187.47	5.85	3.6	0.75	3.50	656.13	32.57	214	100	21370.14
MB 236	150	Behati	257.97	5.85	3.6	0.75	3.50	902.90	32.57	294	100	29407.61
MB 237	150	Behati	127.98	5.85	3.6	0.75	3.50	447.95	32.57	146	100	14589.65
MB 238	143	Behati	198.26	5.85	3.6	0.75	3.50	693.92	32.57	226	100	22600.86

MB 239	137	Behati	295.68	5.85	3.6	0.75	3.50	1034.88	32.57	337	100	33706.02
MB 240	128	Behati	313.36	5.85	3.6	0.75	3.50	1096.75	32.57	357	100	35721.09
MB 241	5	Chandpur Seth	302.53	5.85	3.6	0.75	3.50	1058.87	32.57	345	100	34487.48
MB 242	91	Behati	581.87	5.85	3.6	0.75	3.50	2036.54	32.57	663	100	66329.95
MB 243	74	Behati	441.18	5.85	3.6	0.75	3.50	1544.13	32.57	503	100	50292.33
MB 244	89	Behati	470.48	5.85	3.6	0.75	3.50	1646.67	32.57	536	100	53632.08
MB 245	10	Behati	570.06	5.85	3.6	0.75	3.50	1995.22	32.57	650	100	64984.30
MB 246	21	Behati	469.37	5.85	3.6	0.75	3.50	1642.78	32.57	535	100	53505.33
MB 247	37	Behati	531.54	5.85	3.6	0.75	3.50	1860.39	32.57	606	100	60592.91
MB 248	42	Behati	170.07	5.85	3.6	0.75	3.50	595.23	32.57	194	100	19386.57
MB 249	48	Behati	333.25	5.85	3.6	0.75	3.50	1166.36	32.57	380	100	37988.45
MB 250	71	Behati	325.50	5.85	3.6	0.75	3.50	1139.27	32.57	371	100	37105.91
MB 251	4	Bajehra	469.37	5.85	3.6	0.75	3.50	1642.79	32.57	535	100	53505.58
MB 252	26	Behdambar	449.40	5.85	3.6	0.75	3.50	1572.91	32.57	512	100	51229.59
Total			90296.46					316037.63		102933		10293345.48
Note: Sodding charges not mentioned in marginal Bunds and .04 have redused from CS as existing structure												

PERIPHERAL BUNDS:- 2B1H1d3c													SODING CHARGES			
Work	Kh. No.	Vill.Name	Length	BASE	TOP	HIGHT	CS	EW	RATE	MD	L. CHARGES	T. COST	Sqr. Mtr.	RATE	S. AMOUNT	T. AMOUNT
PB 01	326	Saraiyan Chalakapur	428.92	3.6	0.6	1	2.05	879.29	32.57	320	100	28638.62	1526.97	2.2	3359.33	31997.95
PB 02	212	Seorukh Kalan	1539.57	3.6	0.6	1	2.05	3156.12	32.57	1149	100	102794.91	5480.88	2.2	12057.93	114852.84
PB 03	128	Seorukh Kalan	745.13	3.6	0.6	1	2.05	1527.51	32.57	556	100	49751.12	2652.66	2.2	5835.85	55586.97
PB 04	212	Seorukh Kalan	303.61	3.6	0.6	1	2.05	622.41	32.57	226	100	20271.78	1080.86	2.2	2377.90	22649.68
PB 05	174	Seorukh Kalan	340.16	3.6	0.6	1	2.05	697.32	32.57	254	100	22711.80	1210.96	2.2	2664.11	25375.92
PB 06	174	Seorukh Kalan	567.58	3.6	0.6	1	2.05	1163.54	32.57	423	100	37896.64	2020.59	2.2	4445.31	42341.95
PB 07	228	Seorukh Kalan	228.37	3.6	0.6	1	2.05	468.16	32.57	170	100	15248.00	813.00	2.2	1788.60	17036.60
PB 08	319	Chandpur Seth	3769.24	3.6	0.6	1	2.05	7726.95	32.57	2812	100	251666.74	13418.51	2.2	29520.72	281187.46
PB 09	319	Chandpur Seth	3773.33	3.6	0.6	1	2.05	7735.34	32.57	2815	100	251939.90	13433.07	2.2	29552.76	281492.66
PB 10	1071	Paharapur	465.71	3.6	0.6	1	2.05	954.70	32.57	347	100	31094.62	1657.92	2.2	3647.42	34742.04
PB 11	23	Khamriya	508.12	3.6	0.6	1	2.05	1041.65	32.57	379	100	33926.48	1808.91	2.2	3979.60	37906.09
PB 12	93	Seorukh Kalan	542.89	3.6	0.6	1	2.05	1112.93	32.57	405	100	36248.22	1932.70	2.2	4251.95	40500.16
PB 13	93	Seorukh Kalan	523.28	3.6	0.6	1	2.05	1072.73	32.57	390	100	34938.80	1862.89	2.2	4098.35	39037.14
PB 14	478	Seorukh Kalan	590.14	3.6	0.6	1	2.05	1209.78	32.57	440	100	39402.64	2100.89	2.2	4621.96	44024.60
PB 15	403	Seorukh Kalan	581.38	3.6	0.6	1	2.05	1191.84	32.57	434	100	38818.12	2069.73	2.2	4553.40	43371.52
PB 16	78	Paharapur	1508.36	3.6	0.6	1	2.05	3092.15	32.57	1125	100	100711.16	5369.77	2.2	11813.50	112524.67
PB 17	78	Paharapur	1994.56	3.6	0.6	1	2.05	4088.85	32.57	1488	100	133174.00	7100.65	2.2	15621.42	148795.42
PB 18	469	Paharapur	2332.72	3.6	0.6	1	2.05	4782.07	32.57	1740	100	155751.89	8304.47	2.2	18269.83	174021.72
PB 19	326	Paharapur	851.13	3.6	0.6	1	2.05	1744.82	32.57	635	100	56828.94	3030.04	2.2	6666.08	63495.02
PB 20	944	Paharapur	959.60	3.6	0.6	1	2.05	1967.19	32.57	716	100	64071.22	3416.18	2.2	7515.61	71586.83
PB 21	319	Chandpur Seth	1889.78	3.6	0.6	1	2.05	3874.06	32.57	1410	100	126177.98	6727.63	2.2	14800.78	140978.76
PB 22	5	Tamnapur	4011.98	3.6	0.6	1	2.05	8224.55	32.57	2993	100	267873.70	14282.64	2.2	31421.81	299295.51
PB 23	1298	Bajehra	2336.56	3.6	0.6	1	2.05	4789.95	32.57	1743	100	156008.70	8318.16	2.2	18299.95	174308.64
PB 24	157	Behati	361.48	3.6	0.6	1	2.05	741.04	32.57	270	100	24135.70	1286.88	2.2	2831.14	26966.84
PB 25	1	Chandpur Seth	470.63	3.6	0.6	1	2.05	964.79	32.57	351	100	31423.33	1675.45	2.2	3685.98	35109.31
Total			31624.27					64829.75		23592		2111505.02	112582.40		247681.28	2359186.30
Note: .05 have redused from CS as existing structure																