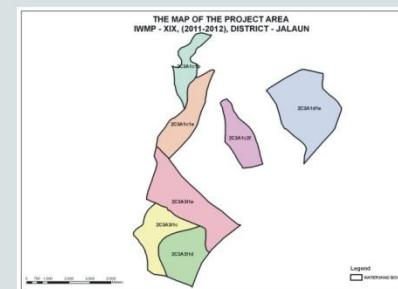
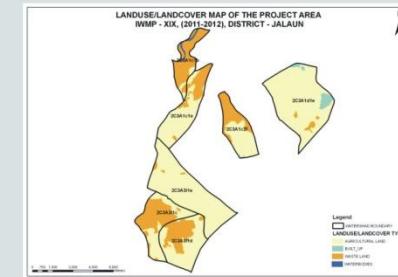
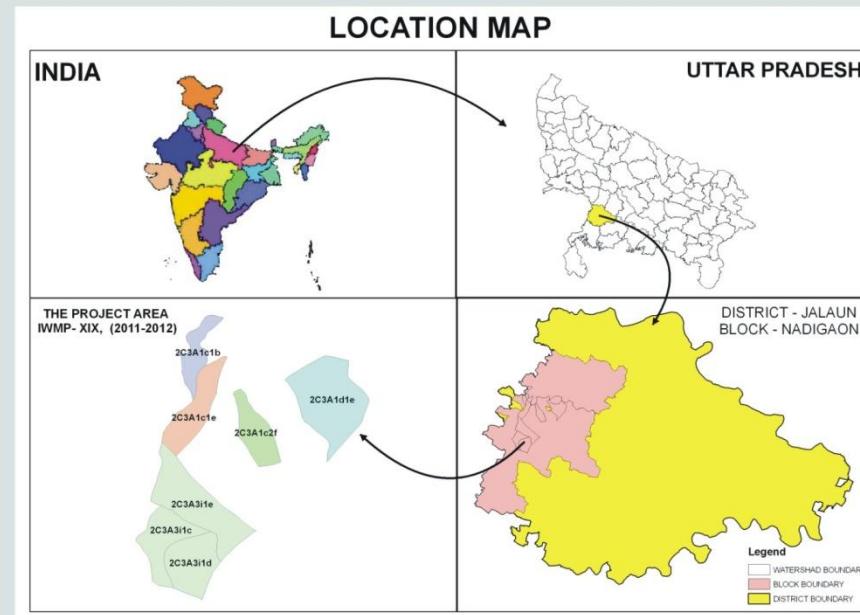


# DETAILED PROJECT REPORT

## OF INTEGRATED WATERSHED MANAGEMENT PROGRAMME-XIX JALAUN (2011-12)



Prepared by :  
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Dept. of Agriculture  
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## CERTIFICATE

This is to be certified that the proposed Project (IWMP-XIX) comprising seven microwatersheds of district Jalaun, Uttar Pradesh has been selected for its sustainable development on watershed basis under Integrated Watershed Management Programme. The land is physically available for proposed interventions and is not overlapping with any other scheme. It will be developed as per Common Guidelines for Watershed Development Project-2008, GOI, New Delhi. The significant results will be achieved through proposed interventions on soil and water conservation, ground water recharge, availability of drinking and irrigation water, agricultural production systems, live stock, fodder availability, livelihoods of asset less, capacity building, etc. The proposed Detailed Project Report of **IWMP-XIX, 2011-12** is submitted for its approval and implementation.



भूमि संरक्षण अधिकारी  
**Bhoomi Sanrakshan Adhikari**  
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Jalaun, Uttar Pradesh

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## EXECUTIVE SUMMARY

IWMP-XIX Project is located in Nadigaon Block of Jalaun district, Uttar Pradesh. The Project comprises of 7 Micro-watersheds, namely Jaitpura 2C3A3i1d, Simora 2C3A3i1c, Kusmara 2C3A3i1e, Atrauli (Parawar) 2C3A1c1e, Maragpura 2C3A1c2f, Bangra 2C3A1d1e, Gopalpura 2C3A1c1b with total geographical area of 7665.62 ha, out of which 4098.00 ha is treatable with total outlay of Rs. 491.76 lakh under Integrated Watershed Management Programme. The aerial extent of the project is  $26^{\circ}5'3''N$  to  $26^{\circ}14'51''N$  and  $79^{\circ}1'49''E$  to  $79^{\circ}10'39''E$ . The Project Implementing Agency (PIA) is Bhumi Sanrakshan Adhikari, R. J. 1<sup>st</sup> Jalaun Orai, Department of Agriculture Uttar Pradesh.

The altitude of the area, on an average, ranges from 121 to 156 m above the Mean Sea Level (MSL). The summer, rainy and winter temperatures range between 30-44°C, 20-24°C and 14-21°C respectively. The May and June are the hottest months and sometime temperature goes up to 48.0°C and minimum temperature falls to 2.0°C during December-January. The runoff of the project area is about 312 mm per year.

Agriculture practices in the area are generally **mono-cropping** due to **Anna Pratha**. The farmers generally leave their fields fallow for free range grazing system in Kharif season, which makes cultivation difficult. These livestock, generally sheep, goat and indigenous cattle, having low productivity are let loose for grazing.

The baseline surveys have been conducted at individual household level. The details are given in chapter 3. The institution arrangement like PIA and its staff, WDT, UG, SHG and WC details have been annexed in chapter 4. The management and action plan like livelihood, production system and treatment area action plan details have been annexed in the respective chapters. All the thematic maps pertaining to the project area have been attached along with the action plan map. Finally an attempt has been made to prepare individual project wise file for all the MWS wise.

**TABLE 1: PROJECT AT A GLANCE**

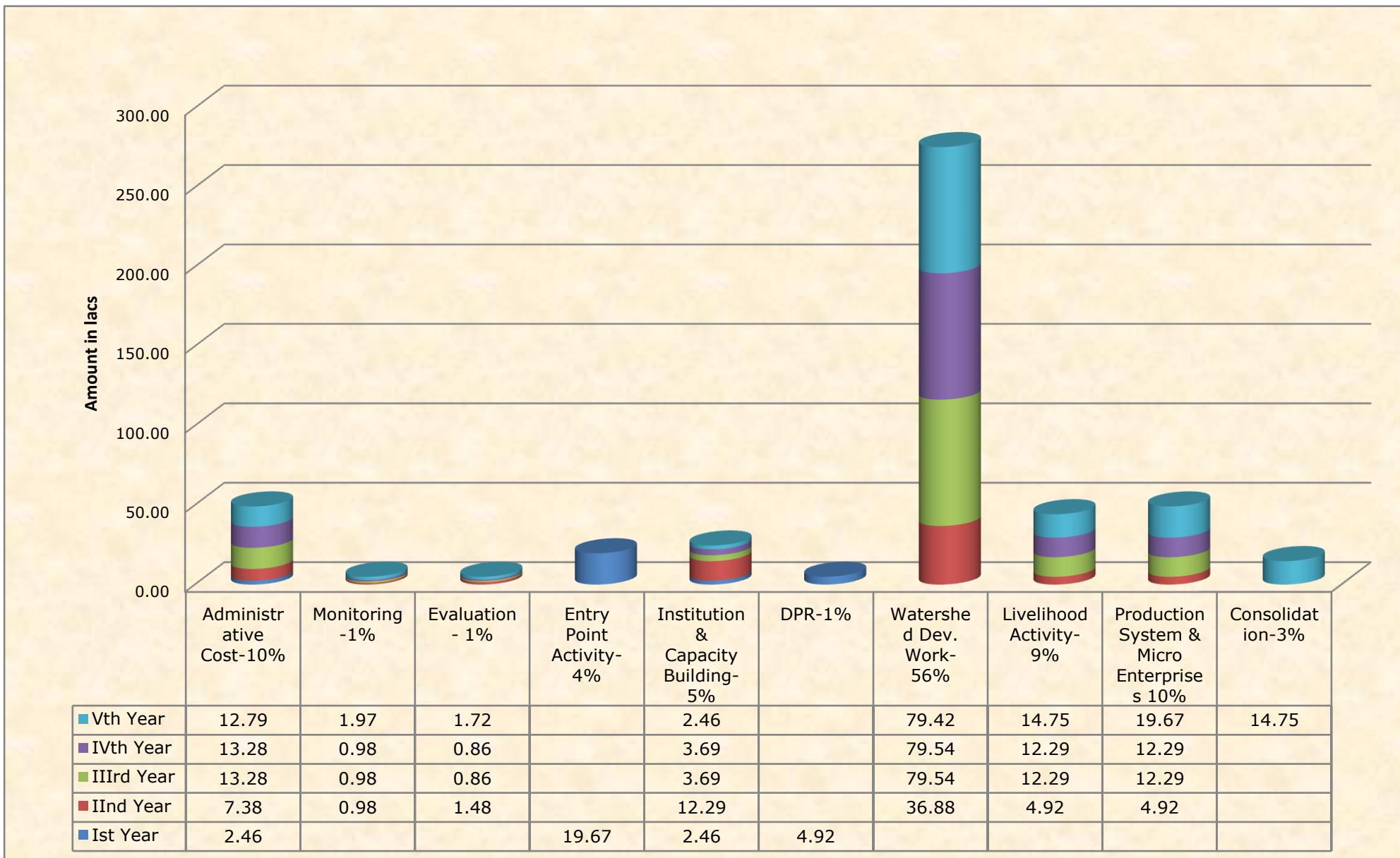
1.	Name of Project	IWMP-XIX ( Right Bank of Pahuj River)
2.	Name of Block	NADIGAON
3.	Name of District	JALAUN
4.	Name of State	UTTAR PRADESH
5.	No of Micro Watershed	07
6.	No. of Village under Micro Watershed	51
7.	Micro Watershed Code	2C3A3i1d, 2C3A3i1c, 2C3A3i1e, 2C3A1c1e, 2C3A1c2f, 2C3A1d1e, 2C3A1c1b
8.	Total Geographical Area of the Project	7665.62 ha
9	Rain-fed Area of the Project	3900.00 ha
10.	Proposed Area for Treatment	4098.00 ha
11.	Cost per Hectare	Rs. 12000 per ha
12.	Project Period	Year 2011-12 to 2015-16
13.	Total Cost of Project	Rs. 491.76 Lakhs

**TABLE 2: YEAR WISE PHASING (PHYSICAL & FINANCIAL) OF IWMP-XIX, JALAUN (U.P.)**

Amount in lacs, Physical in lacs

S. No.	Particulars	Ist Year 2011-12		IIInd Year 2012-13		IIIrd Year 2013-14		IVth Year 2014-15		Vth Year 2015-16		Total	
		Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy
1	Administrative Cost-10%	2.46	-	7.38	-	13.28	-	13.28	-	12.79	-	<b>49.18</b>	-
2	Monitoring -1%	-	-	0.98	-	0.98	-	0.98	-	1.97	-	<b>4.92</b>	-
3	Evaluation - 1%	-	-	1.48	-	0.86	-	0.86	-	1.72	-	<b>4.92</b>	-
4	Entry Point Activity- 4%	19.67	-	-	-	-	-	-	-	-	-	<b>19.67</b>	-
5	Institution & Capacity Building- 5%	2.46	-	12.29	-	3.69	-	3.69	-	2.46	-	<b>24.59</b>	-
6	DPR-1%	4.92	-	-	-	-	-	-	-	-	-	<b>4.92</b>	-
7	Watershed Dev. Work- 56%	-	-	36.88	548.80	79.54	1183.67	79.54	1183.67	79.42	1181.86	<b>275.39</b>	<b>4098.00</b>
8	Livelihood Activity- 9%	-	-	4.92	-	12.29	-	12.29	-	14.75	-	<b>44.26</b>	-
9	Production System & Micro Enterprises 10%	-	-	4.92	-	12.29	-	12.29	-	19.67	-	<b>49.18</b>	-
10	Consolidation-3%	-	-	-	-	-	-	-	-	14.75	-	<b>14.75</b>	-
<b>Total</b>		<b>29.51</b>	-	<b>68.85</b>	<b>548.80</b>	<b>122.94</b>	<b>1183.67</b>	<b>122.94</b>	<b>1183.67</b>	<b>147.52</b>	<b>1181.86</b>	<b>491.76</b>	<b>4098.00</b>

## Year wise Budget for Various Components



# **CHAPTER-1**

# **INTRODUCTION & BACKGROUND**

## **INTRODUCTION & BACKGROUND**

The project area comprises Six micro-watershed namely Jaitpura 2C3A3i1d, Simora 2C3A3i1c, Kusmara 2C3A3i1e, Atrauli (Parawar) 2C3A1c1e, Maragpura 2C3A1c2f, Bangra 2C3A1d1e, Gopalpura 2C3A1c1b, it is situated in Nadigaon block of District Jalaun and spread over in 51 villages of 30 gram Panchayat. The total geographical area of the IWMP-XIX is 7665.62 ha, out of which 4098.00 ha area has been selected for the treatable under Integrated Watershed Management Programme (IWMP-XIX).

The watershed is proposed to be taken by Bhoomi Sanrakshan Adhikari, Department of agriculture, Jalaun for IWMP programme starting from 2011-12.

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

**TABLE 1.1: STATUS OF WATERSHED PROGRAMME IWMP-XIX, DISTRICT- JALAUN**

<b>Details</b>	<b>No.</b>	<b>Area (ha.)</b>
<b>1</b>	<b>2</b>	<b>3</b>
Total Micro watersheds in the district	508	456500
Untreatable Micro Watersheds	147	131922
Workable Micro Watersheds	361	324578
Micro Watersheds already treated by DLWR & other agencies	156	140587
Balance Micro Watersheds (MWS) for treatment (Before start of IWMP in distt.)	64	47914

**TABLE 1.2: APPROVED PLAN (PPRS) BY STEERING COMMITTEE (SC)/GOV. OF INDIA,  
DISTRICT- JALAUN**

<b>Year</b>	<b>Project</b>	<b>MWS</b>	<b>Area (Treatable) (ha)</b>	<b>Project Cost (Rs. Lakh)</b>	<b>Name of PIA</b>	<b>Date of Sanction by S.C. Got. Of India</b>
2011-12	IWMP-19*	07	4098.00	491.160	S.C. Unit Rj Ist Jalaun at Orai	-
2011-12	IWMP-20	06	3943.00	473.160	S.C. Unit Rj Ist Jalaun at Orai	-
<b>Total</b>		<b>13</b>	<b>8041.00</b>	<b>964.92</b>		

**TABLE 1.3: DETAILS OF IWMP FOR WHICH THIS DPR IS PREPARED**

<b>Watershed project</b>	<b>Micro Watersheds (MWS) detail</b>	<b>Micro watersheds code</b>	<b>Treatable Area (ha)</b>	<b>Name of Watershed in which MWS is falling (River / Nala name)</b>
IWMP -XIX	Jaitpura	2C3A3i1d	0.00	R. B. Pahuj River
IWMP -XIX	Simora	2C3A3i1c	360.40	R. B. Pahuj River
IWMP -XIX	Kusmara	2C3A3i1e	1166.70	R. B. Pahuj River
IWMP -XIX	Atrauli (Parawar)	2C3A1c1e	435.40	R. B. Pahuj River
IWMP -XIX	Maragpura	2C3A1c2f	520.60	R. B. Pahuj River
IWMP -XIX	Bangra	2C3A1d1e	1385.90	R. B. Pahuj River
IWMP -XIX	Gopalpura	2C3A1c1b	229.00	R. B. Pahuj River
	<b>Total</b>		<b>4098.00</b>	

## **MAIN OBJECTIVES FOR WATERSHED DEVELOPMENT**

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

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

**TABLE 1.4: PROBLEM IDENTIFICATION AND PRIORITIZATION FOR WATERSHED**

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

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

**TABLE 1.5: A SWOT ANALYSIS OF WATERSHED**

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

## **Weightage for selection of Watershed**

The project was selected on the basis of criteria mentioned in Table 1.6 and composite ranking was developed on the basis of these parameters. The seventeen criteria were taken with total of 205 weightage points. The criterion taken are availability of drinking water, irrigation, degree of soil erosion, water holding capacity, area under rainfed agriculture, status of field bund/contour bund / graded bund, presence of hard rock below the land, options for livelihood, percentage of small and marginal farmers, degraded land, ground water status, status of technical knowledge for improved farming systems, weather conditions, poverty index (% of poor population), virginity of land, productivity potential of land and soil organic carbon status. The weightage for project is about 90 per cent (Table 1.6).

**TABLE 1.6: WEIGHTAGE OF THE PROJECT**

<b>S. No.</b>	<b>Criteria</b>	<b>Weightage points</b>
1	Drinking water	10
2	Irrigation	10
3	Degree of soil erosion	10
4	Water holding capacity	10
5	Area under rainfed agriculture	10
6	Status of field bund/contour bund / graded bund	10
7	Presence of hard rock below the land	10
8	Options for livelihood	10
9	% of small and marginal farmers	10
10	Degraded land	15
11	Ground water status	10
12	Status of Technical Knowledge for improved farming systems	10
13	Weather condition	15
14	Poverty index (% of poor population)	10
15	Virginity	10
16	Productivity potential of land	10
17	Organic carbon status	15
	<b>Total Weightage (Out of total 205)</b>	<b>185</b>
	<b>Weightage Percentage</b>	<b>90.24</b>

**TABLE 1.7: CRITERIA AND WEIGHTAGE FOR SELECTION OF WATERSHED**

Criteria	Maximum Score	Ranges & Scores			
Poverty index (% of poor to population)	10	Above 80 % (10)	80 to 50 % (7.5)	50 to 20 % (5)	Below 20 % (2.5)
% of SC/ ST population	10	More than 40 % (10)	20 to 40 % (5)	Less than 20 % (3)	—
Actual wages	5	Actual wages are significantly lower than minimum wages (5)	Actual wages are equal to or higher than minimum wages (0)	—	—
% of small and marginal farmers	10	More than 80 % (10)	50 to 80 % (5)	Less than 50 % (3)	—
Ground water status	5	Over exploited (5)	Critical (3)	Sub critical (2)	Safe (0)
Moisture index/ DPAP/ DDP Block	15	-66.7 & below (15) DDP Block	-33.3 to -66.6 (10) DPAP Block	0 to -33.2 (0) Non DPAP/ DDP Block	—
Area under rain-fed agriculture	15	More than 90 % (15)	80 to 90 % (10)	70 to 80% (5)	Above 70 % (Reject)
Drinking water	10	No source (10)	Problematic village (7.5)	Partially covered (5)	Fully covered (0)
Degraded land	15	High – above 20 % (15)	Medium – 10 to 20 % (10)	Low- less than 10 % of TGA (5)	—

<b>Criteria</b>	<b>Maximum Score</b>	<b>Ranges &amp; Scores</b>			
Productivity potential of the land	15	Lands with low production & where productivity can be significantly enhanced with reasonable efforts (15)	Lands with moderate production & where productivity can be enhanced with reasonable efforts (10)	Lands with high production & where productivity can be marginally enhanced with reasonable efforts (5)	—
Contiguity to another watershed that has already been developed/ treated	10	Contiguous to previously treated watershed & contiguity within the micro watersheds in the project (10)	Contiguity within the micro watersheds in the project but non contiguous to previously treated watershed (5)	Neither contiguous to previously treated watershed nor contiguity within the micro watersheds in the project (0)	—
Cluster approach in the plains (more than one contiguous micro-watersheds in the project)	15	Above 6 micro-watersheds in cluster (15)	4 to 6 micro watersheds in cluster (10)	2 to 4 micro watersheds in cluster (5)	—
Cluster approach in the hills (more than one contiguous micro-watersheds in the project)	15	Above 5 micro-watersheds in cluster (15)	3 to 5 micro watersheds in cluster (10)	2 to 3 micro watersheds in cluster (5)	—
<b>Total</b>	<b>150</b>	<b>150</b>	<b>90</b>	<b>41</b>	<b>2.5</b>

# **CHAPTER – 2**

# **GENERAL DESCRIPTION OF PROJECT AREA**

## **Location:-**

The microwatershed of IWMP-XIX is located in Nadigaon block of Jalaun district. It is about 45 km. from Orai to Jalaun road. Location (lat/long), Gram Panchayat, villages and its geographical area for each microwatershed are depicted in Table 2.1. Total area of the project is 7665.62 ha, out of which 4098.00 ha is treatable.

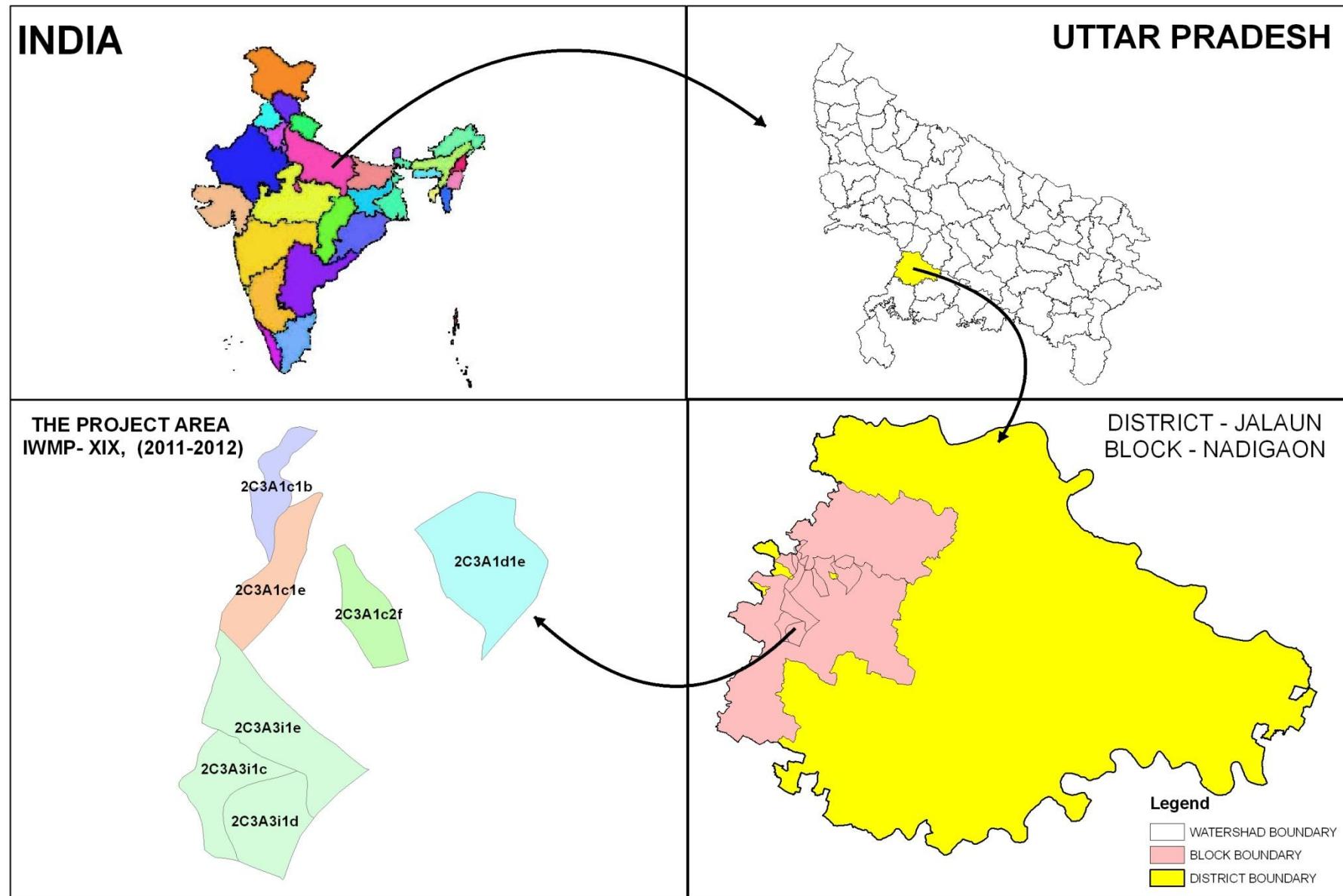
**TABLE 2.1: MICRO-WATERSHED WISE DETAILS OF LOCATION, GRAM PANCHAYAT, VILLAGES AND GEOGRAPHICAL AREA OF IWMP-XIX, JALAUN**

Sl. No.	Name of micro watershed with Code	Latitude /Longitude	Name of GP	Names of villages	Name of Block	Area of village included in MWS (Geo-graphical)	Details of important /approach road
1	Atrauli (Parawar) 2C3A1c1e	79°2'43"E to 79°5'10"E & 26°9'58"N to 26°13'27"N	Atrauli	Atrauli	Madhogarh	34.398	
			Gopalpura	Gopalpura		159.248	
			Bargawan Madhaugarh	Bargawan Madhaugarh	Nadigaon	98.441	
			Manpura (Gaura)	Manpura (Gaura)		269.960	
			Naoli	Naoli		0.706	
			Parawar	Parawar		278.701	
			Raura	Raura		85.946	
			<b>Sub Total</b>			<b>927.20</b>	
2	Bangra 2C3A1d1e	79°7'22"E to 79°10'39"E & 26°9'53"N to 26°13'29"N	Aheta	Aheta	Madhogarh	207.222	
			Mijhauna	Mijhauna		311.345	
			Aheta	Gaderana		17.862	
			Kutra	Nichawadi		15.932	
			Bangra	Bangra	Nadigaon	863.140	
			Kuthaunda	Kuthaunda		259.697	
			Rudaoli Madhogarh	Rudaoli Madhogarh		34.175	
			Kuthaunda	Torna		193.376	
			<b>Sub Total</b>			<b>1902.75</b>	
3	Gopalpura 2C3A1c1b	79°5'3"E to 79°3'17"E & 26°11'55"N to 26°14'51"N	Gopalpura	Gopalpura	Madhogarh	198.11	
			Mahoi	Mahoi		119.37	
			Manpura (Gaura)	Manpura (Gaura)	Nadigaon	172.65	
			<b>Sub Total</b>			<b>490.14</b>	

4	Jaitpura 2C3A3i1d	79°2'50"E to 79°5'6"E & 26°5'3"N to 26°7'25"N		Baridang		54.904	
				Barkhera		54.670	
				Khajuri	Dang Khajuri	2.112	
				Sikandrapur	Ganeshpura	181.820	
				Ghilaur	Ghilaur	8.990	
				Lohai	Jaitpura	51.893	
					Jakhela	67.894	
				Katkri Buzurg	Kanhri	4.133	
					Lalpura	63.007	
				Lohai	Lohai	31.434	
				Basith	Mithanpura	39.523	
				Lohai	Mohammadpura	29.355	
					Nadigaon	35.897	
				Rajipura	Rajipura	2.643	
				Sikandrapur	Sikandrapur	171.544	
					Sikri Khurd	48.712	
				Lohai	Simora	46.783	
				Singpura	Singpura	152.121	
				<b>Sub Total</b>		<b>1047.44</b>	
5	Kusmara 2C3A3i1e	79°2'17"E to 79°6'25"E & 26°6'24"N to 26°10'27"N		Bargawan Madhaugarh	Bargawan Madhaugarh	30.649	
				Parasni	Chandupura	78.548	
				Chhiriya Khurd	Chhiriya Khurd	108.690	
				Ghilaur	Ishuri	36.991	
				Kanharpura	Kanharpura	89.471	
				Kanharpura	Kunwarpura Thansing	90.249	
				Kusmara	Kusmara	386.889	
				Lohai	Lohai	157.596	
				Lohai	Mohammadpura	86.281	
				Naoli	Naoli	373.237	
				Parasni	Parasani	103.963	
				Parawar	Parawar	10.411	
				Rendhar	Rendhar	2.254	
					Salempura	10.921	
				Pajoniyan	Sikri Buzarg	39.410	
				Lohai	Simora	52.315	
				Singpura	Singpura	7.935	
				<b>Sub Total</b>		<b>1665.81</b>	

6	Marappura 2C3A1c2f	79°5'24"E to 79°7'17"E & 26°9'41"N to 26°12'20"N	Raura	Barauli	Nadigaon	52.507		
			Dawar Madhogarh	Dawar Madhogarh		330.345		
			Dawar Madhogarh	Hasupura		26.684		
				Bhampura		44.284		
			Dawar Madhogarh	Marappura		222.171		
			Rendhar	Rendhar		30.001		
			Rudaoli Madhogarh	Rudaoli Madhogarh		16.224		
			<b>Sub Total</b>			<b>722.21</b>		
7	Simora 2C3A3i1c	79°1'49"E to 79°4'40"E & 26°5'24"N to 26°8'17"N	Sikandrapur	Alampur	Nadigaon	19.268		
				Baridang		262.205		
			Khajuri	Dang Khajuri		73.433		
			Ghilaur	Ghilaur		138.841		
			Ghilaur	Ishuri		8.124		
			Lohai	Jaitpura		10.181		
				Jakhela		14.215		
			Lohai	Mohammadpura		25.031		
				Nadigaon		35.662		
				Nadigaon (NP)		31.821		
			Parasni	Parasani		166.490		
			Rajipura	Rajipura		4.300		
			Parasni	Chandupura		0.643		
				Sikri Khurd		41.022		
			Lohai	Simora		78.833		
			<b>Sub Total</b>			<b>910.07</b>		
			<b>Total</b>			<b>7665.62</b>		

# LOCATION MAP



## **Area and Landuse:**

Village wise detailed information on type of land is depicted in Table 2.2. The total culturable land of the project is 7665.62 ha.

**TABLE 2.2: DETAILS OF LAND RESOURCES IN IWMP-XIX OF JALAUN DISTRICT**

S. No.	Code of MWS	Name of MWS	Cultivated and wasteland area (ha)			Area details (ha) (falling within the projects)								
			Cultivated rainfed area	Cultivated irrigated area	Uncultivated wasteland/ fallow		Pvt. Agri. Land				Forest Land/ Built-Up	Community land	Others (Pl. specify)	Total area (ha)
					Temp.	Permanent	Gen	SC/ST	OBC	Total				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	2C3A1c1e	Atrauli (Parawar)	417.98	314.26	17.42	128.36	212.35	190.38	329.51	732.24	0.00	34.43	14.75	927.20
2	2C3A1d1e	Bangra	1330.46	241.07	55.44	123.37	455.74	408.60	707.19	1571.53	100.73	36.18	15.51	1902.75
3	2C3A1c1b	Gopalpura	219.84	156.92	9.16	52.23	109.26	97.96	169.54	376.76	0.00	18.28	33.71	490.14
4	2C3A3i1d	Jaitpura	0.00	753.64	0.00	189.06	218.56	195.95	339.14	753.64	0.00	73.32	31.42	1047.44
5	2C3A3i1e	Kusmara	1120.03	349.38	46.67	99.82	426.13	382.05	661.24	1469.41	0.00	34.94	14.97	1665.81
6	2C3A1c2f	Maragpura	499.78	137.55	20.82	40.32	184.82	165.70	286.80	637.33	3.58	14.11	6.05	722.21
7	2C3A3i1c	Simora	345.98	370.10	14.42	124.60	207.66	186.18	322.24	716.08	0.00	38.48	16.49	910.07
<b>Total</b>			<b>3934.08</b>	<b>2322.92</b>	<b>163.92</b>	<b>757.76</b>	<b>1814.53</b>	<b>1626.82</b>	<b>2815.65</b>	<b>6257.00</b>	<b>104.31</b>	<b>249.73</b>	<b>132.90</b>	<b>7665.62</b>

(Source: S.C.R.J. Ist Jalaun at Orai U.P)

## **2.3 Physiography**

The microwatershed of IWMP-XIX is situated at an elevation of some 121 to 156 m above mean sea level and has relief from 4 to 28 m. The watershed has a general slope of above 1 per cent. General topography of the watershed is undulating. Elevation range and relief are given in Table 2.3.

**TABLE 2.3: MICROWATERSHED WISE ELEVATION RANGE AND RELIEF**

<b>Name of MWS with code</b>		<b>Minimum</b>	<b>Maximum</b>	<b>Relief</b>
Jaitpura	2C3A3i1d	147	156	9
Simora	2C3A3i1c	139	154	15
Kusmara	2C3A3i1e	150	156	6
Atrauli (Parawar)	2C3A1c1e	129	156	27
Maragpura	2C3A1c2f	135	154	19
Bangra	2C3A1d1e	146	150	4
Gopalpura	2C3A1c1b	121	149	28

**Slope:** Spatial distribution of different slope classes was prepared using Arc GIS. Slope was divided into five classes' viz. 00.5, 0.51.0, 13, 35, and more than 5 per cent. Per cent areal extent of different slope classes in IWMP-XIX microwatershed is shown in Table 2.4. The dominant slope category in the microwatershed were 1-3 per cent (51%) followed by 35 per cent (31%).

**TABLE 2.4: EXTENT OF VARIOUS SLOPE CLASSES IN THE MICROWATERSHED OF IWMP-XIX**

S. No.	Name of MWS	Code of MWS	Slope range wise area (ha)						Total Area of the project	
			0-05% (Level)	0.5-1% (Nearly Level)	1-3% (Very gently sloping)	3-5% (Gently sloping)	>5%			
							5-10% (Moderate sloping)	10-15%		
1	2	3	4	5	6	7	8	9	10	
1	Atrauli (Parawar)	2C3A1c1e	73.82	168.98	632.08	52.31			927.20	
2	Bangra	2C3A1d1e	93.14	217.96	1323.20	261.87	6.58		1902.75	
3	Gopalpura	2C3A1c1b	46.82		243.07	159.57	39.96	0.72	490.14	
4	Jaitpura	2C3A3i1d	75.13	193.84	731.23	47.00	0.24		1047.44	
5	Kusmara	2C3A3i1e	162.84	371.48	1089.35	42.15			1665.81	
6	Maragpura	2C3A1c2f	50.02	114.26	519.38	38.55			722.21	
7	Simora	2C3A3i1c	63.72	169.47	648.54	28.35			910.07	
<b>Total</b>			<b>565.48</b>	<b>1235.99</b>	<b>5186.85</b>	<b>629.81</b>	<b>46.77</b>	<b>0.72</b>	<b>7665.62</b>	

## **2.4 Climate**

The annual rainfall of the Bundelkhand region varies from 800 to 1300 mm, about 90% of which is received during SouthWest monsoon period (Singh et al. 2002). The major part of the rainfall is received during the month of July and August. The length of growing season in Bundelkhand ranges between 90 to 150 days depending upon rainfall and temperature regimes. The winter rains are erratic, occasional, meager and uncertain. The total rainy days/year vary from 3045 in the region with an average of 37. The distribution of rainfall is very erratic. Low rainfall and drought are common features. Long dry spells during rainy season are also experienced often, which adversely affect the crops. It has been observed that in a cycle of 5 years, 2 are normal, 2 drought years and 1 is excessive rainfall year (Tiwari et al. 1998). The climate of Jalaun is characterized by a hot dry summer and cold winter and is marked for high variability of rainfall year to year. There are primarily four seasons: – Dry Summer season – from March to May i.e. before advent of monsoon, moist summer season – from June to September (Monsoon) transition period in October and November, which is the post monsoon period, and winter season – from December to February The coldest months in the year are December and January.

**TABLE 2.6: AVERAGE MONTHLY RAINFALL AT IWMP-XIX, JALAUN AT ORAI**

Month	Rainfall in mm.								
	2004	2005	2006	2007	2008	2009	2010	2011	Average
January	28.20	5.72	0.00	0.00	0.00	0.00	0.20	0.00	4.27
February	0.00	0.40	0.00	35.85	0.00	0.00	6.06	13.00	6.91
March	0.00	12.35	9.97	13.80	0.00	0.00	0.00	0.00	4.52
April	1.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23
May	1.90	1.87	0.00	0.00	24.12	10.45	2.00	13.50	6.73
June	48.85	52.50	11.90	73.05	197.93	1.50	3.75	258.40	80.99
July	432.85	241.47	200.55	107.52	249.38	112.72	301.05	240.10	235.71
August	216.65	135.52	40.65	104.85	172.15	204.45	181.30	217.10	159.08
September	145.50	105.52	23.05	77.45	103.35	124.25	205.88	177.85	120.36
October	46.25	6.00	16.13	0.00	6.50	89.45	2.95	0.00	20.91
November	0.00	0.00	0.00	0.00	0.00	31.10	78.00	0.00	13.64
December	0.00	0.00	0.00	0.00	0.00	2.40	0.75	0.00	0.39

**Source:** Data site of Agrometeorological Deptt.

The open pan evaporation varied in the range of 0.5 to 23 mm/day during the year with average of about 5 mm/ day. Average relative humidity varied in the range of 25 to 98 per cent; however the range of wind speed is 0.9 to 16 kmph. The details of flood and drought in the project area are showed in Table 2.6.

**TABLE 2.7: DETAILS OF FLOOD AND DROUGHT IN THE PROJECT AREA (IWMP-XIX JALAUN)**

Name of Micro Watershed with code	Particulars	Villages	Periodicity		Not Affected
			Annual	Any other (please specify)	
Atrauli (Parawar)/ 2C3A1c1e, Gopalpura/ 2C3A1c1b, Bangra/ 2C3A1d1e, Jaitpura/ 2C3A3i1d, Kusmara/ 2C3A3i1e, Maragpura/ 2C3A1c2f, Simora/ 2C3A3i1c	Flood	No. of villages			
		Name(s) of villages			
Atrauli (Parawar)/ 2C3A1c1e, Gopalpura/ 2C3A1c1b, Bangra/ 2C3A1d1e, Jaitpura/ 2C3A3i1d, Kusmara/ 2C3A3i1e, Maragpura/ 2C3A1c2f, Simora/ 2C3A3i1c	Drought	<b>No. of villages 60 Name of Village:</b> Aheta, Alampur, Atrauli, Bangra, Barauli, Bargawan Madhogarh, Baridang, Barkhera, Bibni, Chandupura, Chhiriya Khurd, Dang Khajuri, Dawar Madhogarh, Ganeshpura, Ghilaur, Gopalpura, Hasupura, Ishuri, Itaura Madhogarh, Jaitpura, Jakhela, Kanhpura, Kanhri, Katkri Bhim, Katkri Bhoj, Katkri Buzurg, Kudari Madhogarh, Kunwarpura Thansing, Kurra, Kusmara, Kuthaunda, Lalpura, Lohai, Magraul, Mahoi, Manpura (Gaura), Maragpura, Masudpura, Mijhauna, Mithanpura, Mohammadpura, Nadigaon, Nadigaon (NP), Naoli, Nichawadi, Parasni, Parawar, Rajipura, Raura, Rendhar, Rudaoli Madhogarh, Salempura, Sikandrapur, Sikri Buzarg, Sikri Khurd, Simora, Singpura, Sirtajpura, Torna, Umri Madhogarh	<b>twice in 5 years</b> however, the region experienced severe drought during 2004-2007 and 2009 & 2010 were deficit by about 17 to 20 per cent		

**TABLE- 2.8: DETAILS OF AGRO-CLIMATE CONDITIONS**

S. No.	Name of the District	Name of the Project	Name of the Agro-climatic zone covers project area	Area in ha	No. of the villages
1	JALAUN	IWMP-XIX	Bundelkhand Zone - 9	4098.00	51
<b>Major soil types</b>		<b>Topography</b>	<b>Average rainfall in mm (preceding 5 years average)</b>	<b>Major crops</b>	
<b>a) Type</b>	<b>b) Area in ha</b>			<b>a) Name</b>	<b>b) Area in ha</b>
Rakar Kabar Mar Padwa	3326	Undulation	520	<b>Kharib:</b> Jowar Til Arhar	2490.00
				<b>Rabi:</b> Wheat Gram Mustard Masoor	

Source: PPR 2010-11

## **Geomorphology:**

The watershed is located in the North-West corner of the Jalaun district. The entire watershed is topographically divided into three major landforms such as Plain land, Moderate land, and Ravinous land. Accordingly, the soils of watershed can be grouped into three major categories viz. Mar, Kabar and Padua. The annual soil erosion in the project area is 22 to 26 tons/year as detailed below.

**TABLE- 2.9: DETAIL OF SOIL EROSION (IWMP-XIX), JALAUN**

<b>S. No.</b>	<b>Name of the Project</b>	<b>Soil Erosion (Ha)</b>				<b>Run-Off (mm/yr)</b>	<b>Average Soil Loss in tons/ha/yr</b>	<b>Wind Erosion</b>
		<b>Sheet</b>	<b>Rill</b>	<b>Gully</b>	<b>Total</b>			
1	IWMP-XIX	2335.86	1270.38	491.76	4098.00	312	22 to 26	N.A.

# **CHAPTER-3**

# **BASELINE SURVEY**

Participatory rural appraisal (PRA) is a tool to appraise the socioeconomic conditions along with all kind of resources available in the watershed through the active participation of the villagers. There are several tools and techniques of PRA. The PRA of Mai, Rampua Jagir, Siddhpura, Naraul, Kusepura, Hanumantpura, Mahtoli and Ratanpura, microwatershed was conducted and described in the subsequent sections.

### **3.1. Socio Economic Condition**

It is apparent from the social profile that the microwatershed is inhabited by different caste and class. About 22-50 per cent of the population is scheduled caste. Population details of the IWMP-XIX are depicted in Table 3.1. In general 6 per cent population migrate from the project area due to drought and earn more money, however, migration was more than 50 per cent during 2007-08 due to continuous drought from 2004 to 2007 in the region. Majority of population migrate to New Delhi, Haryana and Punjab during drought. The scenario of migration and infrastructure available and common properties resources available in the project is depicted in Table 3.2 and 3.3, respectively.

**TABLE 3.1: DEMOGRAPHIC FEATURES IN THE PROJECT AREA IWMP-XIX OF JALAUN**

Sr. No.	Village Name	No_HH	TOT_P	TOT_M	TOT_F	P_SC	M_SC	F_SC	P_LIT	M_LIT	F_LIT
1	Aheta	101	599	340	259	137	75	62	358	228	130
2	Gaderana	62	455	252	203	169	89	80	250	170	80
3	Atrauli	177	1233	690	543	223	123	100	512	351	161
4	Bangra	1184	7511	4079	3432	1937	1039	898	4057	2655	1402
5	Bargawan Madhaugarh	178	1037	587	450	298	175	123	603	408	195
6	Mithunpura	168	1128	624	504	256	149	107	469	333	136
7	Chhiriya Khurd	97	623	320	303	93	55	38	314	186	128
8	Dawar Madhogarh	95	630	351	279	239	132	107	356	230	126
9	Hasupura	91	591	318	273	8	5	3	324	213	111
10	Maragpura	33	223	121	102	102	58	44	97	69	28
11	Ghilaur	151	1079	611	468	262	142	120	350	264	86
12	Ishuri	54	365	207	158	301	168	133	123	95	28
13	Gopalpura	920	5879	3263	2616	1445	793	652	3176	2168	1008
14	Kanharpura	196	1133	579	554	391	212	179	650	398	252
15	Kunwarpura Thansing	99	577	320	257	300	170	130	324	212	112
16	Kanhri	63	372	205	167	121	70	51	194	134	60
17	Dang Khajuri	102	614	323	291	0	0	0	175	132	43
18	Kusmara	302	1832	988	844	478	245	233	992	643	349
19	Kuthaunda	656	4097	2221	1876	1153	643	510	2239	1452	787
20	Torna	113	677	376	301	26	15	11	383	260	123
21	Nichawadi	45	267	141	126	105	50	55	146	96	50
22	Jaitpura	21	168	94	74	0	0	0	54	42	12
23	Lohai	238	1514	833	681	478	262	216	754	540	214
24	Mohammadpura	39	246	135	111	0	0	0	117	89	28

Sr. No.	Village Name	No_HH	TOT_P	TOT_M	TOT_F	P_SC	M_SC	F_SC	P_LIT	M_LIT	F_LIT
25	Simora	9	47	29	18	0	0	0	11	10	1
26	Mahoi	158	895	526	369	130	77	53	-	-	-
27	Manpura (Gaura)	279	2014	1122	892	664	376	288	899	648	251
28	Mijhauna	616	3696	2052	1644	1160	667	493	-	-	-
29	Naoli	497	2711	1467	1244	789	435	354	1243	860	383
30	Sikri Buzarg	70	417	221	196	146	79	67	229	148	81
31	Chandupura	24	147	89	58	0	0	0	26	23	3
32	Parasni	180	1229	690	539	343	183	160	663	463	200
33	Parawar	250	1499	793	706	59	29	30	667	470	197
34	Rajipura	121	679	378	301	386	227	159	346	234	112
35	Barauli	127	865	508	357	73	41	32	342	271	71
36	Raura	161	1027	550	477	150	82	68	581	357	224
37	Rendhar	580	3675	2042	1633	951	510	441	1785	1199	586
38	Rudaoli Madhogarh	196	1174	637	537	326	182	144	501	354	147
39	Seoni Khurd	79	479	253	226	0	0	0	221	157	64
40	Alampur	31	207	108	99	0	0	0	95	75	20
41	Ganeshpura	34	245	133	112	14	7	7	112	79	33
42	Sikandrapur	135	877	494	383	169	95	74	404	307	97
43	Singpura	110	772	406	366	192	106	86	241	183	58
<b>Total</b>		<b>8842</b>	<b>55505</b>	<b>30476</b>	<b>25029</b>	<b>14074</b>	<b>7766</b>	<b>6308</b>	<b>25383</b>	<b>17206</b>	<b>8177</b>

**Note:-** No\_HH-Number of Household, TOT\_P-Total Population, TOT\_M-Total Male Population, TOT\_F-Total FemalePopulation, P\_SC-Total SC Population, M\_SC-Total Male SC Population, F\_SC-Total Female SC Population, P\_LIT-Total Littarate Population, M\_LIT-Total Male Littarate Population, F\_LIT-Total Female Littarate Population

**Table 3.2: Details of land holding pattern in IWMP XIX, Jalaun**

S. No.	Names MWS with code	Name of Village	Type of Farmer	No. of households	No. of BPL households
1	Atrauli (Parawar) 2C3A1c1e	Atrauli, Gopalpura, Bargawan Madhaugarh, Manpura (Gaura), Naoli, Parawar, Raura	(i) Big (above 4 ha.)	172	
			(ii) Small (12 ha.)	1034	
			(iii) Marginal (01)	960	
			(iv) Landless	295	295
			<b>Total</b>	2462	295
2	Bangra 2C3A1d1e	Aheta, Mijhauna, Gaderana, Nichawadi, Bangra, Kuthaunda, Rudaoli Madhogarh, Torna	(i) Big (above 4 ha.)	119	
			(ii) Small (12 ha.)	1308	
			(iii) Marginal (01)	1159	
			(iv) Landless	386	386
			<b>Total</b>	2973	386
3	Gopalpura 2C3A1c1b	Gopalpura, Mahoi, Manpura (Gaura)	(i) Big (above 4 ha.)	88	
			(ii) Small (12 ha.)	590	
			(iii) Marginal (01)	502	
			(iv) Landless	176	176
			<b>Total</b>	1357	176
4	Jaitpura 2C3A3i1d	Baridang, Barkhera, Dang Khajuri, Ganeshpura, Ghilaur, Jaitpura, Jakhela, Kanhri, Lalpura, Lohai, Mithanpura, Mohammadpura, Nadigaon, Rajipura, Sikandrapur, Sikri Khurd, Simora, Singpura	(i) Big (above 4 ha.)	89	
			(ii) Small (12 ha.)	533	
			(iii) Marginal (01)	495	
			(iv) Landless	152	152

<b>S. No.</b>	<b>Names MWS with code</b>	<b>Name of Village</b>	<b>Type of Farmer</b>	<b>No. of households</b>	<b>No. of BPL households</b>
			<b>Total</b>	1270	152
5	Kusmara 2C3A3i1e	Bargawan Madhaugarh, Chandupura, Chhiriya Khurd, Ishuri, Kanhpura, Kunwarpura Thansing, Kusmara, Lohai, Mohammadpura, Naoli, Parasani, Parawar, Rendhar, Salempura, Sikri Buzarg, Simora, Singpura	(i) Big (above 4 ha.)	192	
			(ii) Small (12 ha.)	1153	
			(iii) Marginal (01)	1071	
			(iv) Landless	329	329
			<b>Total</b>	2745	329
6	Maragpura 2C3A1c2f	Barauli, Dawar Madhogarh, Hasupura, Bhampura, Maragpura, Rendhar, Rudaoli Madhogarh	(i) Big (above 4 ha.)	79	
			(ii) Small (12 ha.)	471	
			(iii) Marginal (01)	438	
			(iv) Landless	135	135
			<b>Total</b>	1122	135
7	Simora 2C3A3i1c	Alampur, Baridang, Dang Khajuri, Ghilaur, Ishuri, Jaitpura, Jakhela, Mohammadpura, Nadigaon, Nadigaon (NP), Parasani, Rajipura, Chandupura, Sikri Khurd, Simora	(i) Big (above 4 ha.)	49	
			(ii) Small (12 ha.)	294	
			(iii) Marginal (01)	273	
			(iv) Landless	84	84
			<b>Total</b>	701	84

**TABLE 3.3: DETAILS OF EMPLOYMENT GENERATION**

S. No.	Name of District	No. of the villages	Wage employment										Self employment				
			No. of mandays					No. of beneficiaries					No. of beneficiaries				
			SC	ST	Others	Wo- men	Total	SC	ST	Others	Wo- men	Total	SC	ST	Others	Women	Total
1-	JALAUN-XIX	51	0.592	-	1.273	0.278	2.143	562	-	1504	144	2210	64	-	119	32	215

**TABLE 3.4: DETAILS OF SEASONAL MIGRATION FROM PROJECT AREA: PRE-PROJECT STATUS**

Name of village		No. of persons migrating	No. of days per year of migration	Major reason(s) migrating	Expected reduction in no. of persons migrating
1		2	3	4	5
Aheta, Alampur, Atrauli, Bangra, Barauli, Bargawan Madhogarh, Baridang, Barkhera, Bibni, Chandupura, Chhiriya Khurd, Dang Khajuri, Dawar Madhogarh, Ganeshpura, Ghilaur, Gopalpura, Hasupura, Ishuri, Itaura Madhogarh, Jaitpura, Jakhela, Kanhpura, Kanhri, Katkri Bhim, Katkri Bhoj, Katkri Buzurg, Kudari Madhogarh, Kunwarpura Thansing, Kurra, Kusmara, Kuthaunda, Lalpura, Lohai, Magraul, Mahoi, Manpura (Gaura), Maragpura, Masupdura, Mijhauna, Mithanpura, Mohammadpura, Nadigaon, Nadigaon (NP), Naoli, Nichawadi, Parasni, Parawar, Rajipura, Raura, Rendhar, Rudaoli Madhogarh, Salempura, Sikandrapur, Sikri Buzarg, Sikri Khurd, Simora, Singpura, Sirtajpura, Torna, Umri Madhogarh	22569	164 to 182	Lack of employment, less vages, higher vages outside	11283	

## **Soil Texture:**

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

**Table 3.5: Details of Soil texture in IWMP XIX, Jalaun**

<b>S. No.</b>	<b>MWS Project</b>	<b>Area in different Soil Group (ha)</b>			<b>Details</b>
		<b>Light textured soil (sand, loamy sand)</b>	<b>Medium textured soil (Sandy loam, loam, silt loam)</b>	<b>Heavy textured soil (Clayey)</b>	
1	Atrauli (Parawar) 2C3A1c1e	35.70	178.02	713.48	Purwa Mar+Kabar
2	Bangra 2C3A1d1e	71.35	367.23	1464.17	Purwa Mar+Kabar
3	Gopalpura 2C3A1c1b	18.87	94.11	377.16	Purwa Mar+Kabar
4	Jaitpura 2C3A3i1d	40.33	201.11	806.01	Purwa Mar+Kabar
5	Kusmara 2C3A3i1e	64.13	319.84	1281.84	Purwa Mar+Kabar
6	Maragpura 2C3A1c2f	27.81	138.66	555.74	Purwa Mar+Kabar
7	Simora 2C3A3i1c	35.04	174.73	700.30	Purwa Mar+Kabar
<b>Total IWMP-XIX</b>		<b>293.22</b>	<b>1473.70</b>	<b>5898.69</b>	<b>7665.62</b>

## **Major Crops and their Production**

Due to mono cropping, Anna Pratha and non manageable condition of mar and kabar soil are the specific characteristics of the district. Mono cropping is the most common farming system. Mixed farming in the combination of agriculture and live stock is also quite common in all the areas. Micro-watershed wise grown crops, their productivity and production are given below:

**Table 3.8: Micro watershed wise details of Crops, their Productivity and Production in IWMP**  
**XIX, Jalaun**

Name of MWS = Atrauli (Parawar)				Code of MWS = 2C3A1c1e					
S. No.	Crop.	Area (ha)		Productivity (q/ha)		Production (q)			
		Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed
<b>A</b>	<b>Kharif</b>								
1	Urd	0.00	30.25	0.00	4.20	0.00	127.05	0.00	0.00
2	Moong	0.00	41.25	0.00	4.40	0.00	181.50	0.00	0.00
3	Arhar	0.00	65.45	0.00	5.80	0.00	379.61	0.00	602.91
4	Jowar	0.00	38.55	0.00	6.00	0.00	231.30	0.00	257.00
5	Bajra	0.00	55.65	0.00	5.80	0.00	322.77	0.00	376.57
6	Till	0.00	66.85	0.00	1.60	0.00	106.96	0.00	160.44
	<b>Total</b>	<b>0.00</b>	<b>298.00</b>				<b>1349.19</b>	<b>0.00</b>	<b>1396.92</b>
<b>B</b>	<b>Rabi</b>								
1	Wheat	22.25	269.85	22.00	12.00	489.50	3238.20	734.25	4857.30
2	Barley	0.00	10.23	0.00	14.60	0.00	149.36	0.00	224.04
3	Masoor	0.00	136.55	0.00	4.80	0.00	655.44	0.00	655.44
4	Gram	0.00	152.45	0.00	5.20	0.00	792.74	0.00	879.94
5	Pea	0.00	142.31	0.00	7.80	0.00	1110.02	0.00	1356.69
	<b>Total</b>	<b>22.25</b>	<b>711.39</b>				<b>5945.76</b>	<b>734.25</b>	<b>7973.41</b>
<b>C</b>	<b>Zaid</b>								
	Nil								
<b>Cultivable Area</b>		<b>840.51</b>	<b>Cropping Intensity</b>			<b>122.74</b>			

**Name of MWS = Bangra**

**Code of MWS = 2C3A1d1e**

S. No.	Crop.	Area (ha)		Productivity (q/ha)		Production (q)			
						Grain/Main product		Fodder/Fuel/other Product	
		Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed
<b>A</b>	<b>Kharif</b>								
1	Urd	0.00	64.25	0.00	4.20	0.00	269.85	0.00	0.00
2	Moong	0.00	51.85	0.00	4.40	0.00	228.14	0.00	0.00
3	Arhar	0.00	115.65	0.00	5.80	0.00	670.77	0.00	1065.34
4	Jowar	0.00	45.62	0.00	6.00	0.00	273.72	0.00	304.13
5	Bajra	0.00	65.84	0.00	5.80	0.00	381.87	0.00	445.52
6	Till	0.00	76.55	0.00	1.60	0.00	122.48	0.00	183.72
	<b>Total</b>	<b>0.00</b>	<b>419.76</b>				<b>1946.83</b>	<b>0.00</b>	<b>1998.71</b>
<b>B</b>	<b>Rabi</b>								
1	Wheat	125.65	1056.50	22.50	12.50	2827.13	13206.25	4240.69	19809.38
2	Barley	0.00	26.35	0.00	14.60	0.00	384.71	0.00	577.07
3	Masoor	0.00	145.90	0.00	4.80	0.00	700.32	0.00	700.32
4	Gram	0.00	160.25	0.00	5.20	0.00	833.30	0.00	920.50
5	Pea	0.00	145.56	0.00	7.80	0.00	1135.37	0.00	1387.67
	<b>Total</b>	<b>125.65</b>	<b>1534.56</b>				<b>16259.95</b>	<b>4240.69</b>	<b>23394.93</b>
<b>C</b>	<b>Zaid</b>								
	Nil								
<b>Cultivable Area</b>		<b>1724.84</b>	<b>Cropping Intensity</b>			<b>120.59</b>			

**Name of MWS = Gopalpura**

**Code of MWS = 2C3A1c1b**

S. No.	Crop.	Area (ha)		Productivity (q/ha)		Production (q)			
						Grain/Main product		Fodder/Fuel/other Product	
		Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed
<b>A</b>	<b>Kharif</b>								
1	Urd	0.00	25.05	0.00	4.20	0.00	105.21	0.00	0.00
2	Moong	0.00	36.35	0.00	4.40	0.00	159.94	0.00	0.00
3	Arhar	0.00	49.55	0.00	5.80	0.00	287.39	0.00	456.44
4	Jowar	0.00	21.35	0.00	6.00	0.00	128.10	0.00	142.33
5	Bajra	0.00	16.45	0.00	5.80	0.00	95.41	0.00	111.31
6	Till	0.00	19.55	0.00	1.60	0.00	31.28	0.00	46.92
	<b>Total</b>	<b>0.00</b>	<b>168.30</b>				<b>807.33</b>	<b>0.00</b>	<b>757.01</b>
<b>B</b>	<b>Rabi</b>								
1	Wheat	15.25	156.95	22.00	12.00	335.50	1883.40	503.25	2825.10
2	Barley	0.00	6.85	0.00	14.60	0.00	100.01	0.00	150.02
3	Masoor	0.00	95.60	0.00	4.80	0.00	458.88	0.00	458.88
4	Gram	0.00	75.85	0.00	5.20	0.00	394.42	0.00	481.62
5	Pea	0.00	49.55	0.00	7.80	0.00	386.49	0.00	472.38
	<b>Total</b>	<b>15.25</b>	<b>384.80</b>				<b>3223.20</b>	<b>503.25</b>	<b>4387.99</b>
<b>C</b>	<b>Zaid</b>								
	Nil								
<b>Cultivable Area</b>		<b>444.31</b>	<b>Cropping Intensity</b>			<b>127.92</b>			

**Name of MWS = Jaitpura****Code of MWS = 2C3A3i1d**

S. No.	Crop.	Area (ha)		Productivity (q/ha)		Production (q)			
						Grain/Main product		Fodder/Fuel/other Product	
		Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed
<b>A</b>	<b>Kharif</b>								
1	Urd	0.00	29.80	0.00	4.20	0.00	125.16	0.00	0.00
2	Moong	0.00	36.45	0.00	4.40	0.00	160.38	0.00	0.00
3	Arhar	0.00	45.65	0.00	5.80	0.00	264.77	0.00	420.52
4	Jowar	0.00	23.75	0.00	6.00	0.00	142.50	0.00	158.33
5	Bajra	0.00	19.95	0.00	5.80	0.00	115.71	0.00	135.00
6	Till	0.00	25.00	0.00	1.60	0.00	40.00	0.00	60.00
	<b>Total</b>	<b>0.00</b>	<b>180.60</b>				<b>848.52</b>	<b>0.00</b>	<b>773.85</b>
<b>B</b>	<b>Rabi</b>								
1	Wheat	85.95	625.55	22.00	12.00	1890.90	7506.60	2836.35	11259.90
2	Barley	0.00	10.50	0.00	14.60	0.00	153.30	0.00	229.95
3	Masoor	0.00	105.65	0.00	4.80	0.00	507.12	0.00	507.12
4	Gram	0.00	95.80	0.00	5.20	0.00	498.16	0.00	585.36
5	Pea	0.00	56.85	0.00	7.80	0.00	443.43	0.00	541.97
	<b>Total</b>	<b>85.95</b>	<b>894.35</b>				<b>9108.61</b>	<b>2836.35</b>	<b>13124.30</b>
<b>C</b>	<b>Zaid</b>								
	Nil								
<b>Cultivable Area</b>		<b>949.50</b>	<b>Cropping Intensity</b>		<b>122.26</b>				

**Name of MWS = Kusmara**

**Code of MWS = 2C3A3i1e**

S. No.	Crop.	Area (ha)		Productivity (q/ha)		Production (q)			
						Grain/Main product		Fodder/Fuel/other Product	
		Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed
<b>A</b>	<b>Kharif</b>								
1	Urd	0.00	56.90	0.00	4.20	0.00	238.98	0.00	0.00
2	Moong	0.00	46.65	0.00	4.40	0.00	205.26	0.00	0.00
3	Arhar	0.00	70.80	0.00	5.80	0.00	410.64	0.00	652.19
4	Jowar	0.00	46.65	0.00	6.00	0.00	279.90	0.00	311.00
5	Bajra	0.00	32.35	0.00	5.80	0.00	187.63	0.00	218.90
6	Till	0.00	45.65	0.00	1.60	0.00	73.04	0.00	109.56
	<b>Total</b>	<b>0.00</b>	<b>299.00</b>				<b>1395.45</b>	<b>0.00</b>	<b>1291.65</b>
<b>B</b>	<b>Rabi</b>								
1	Wheat	119.50	1165.55	22.00	12.00	2629.00	13986.60	3943.50	20979.90
2	Barley	0.00	16.20	0.00	14.60	0.00	236.52	0.00	354.78
3	Masoor	0.00	120.90	0.00	4.80	0.00	580.32	0.00	580.32
4	Gram	0.00	105.75	0.00	5.20	0.00	549.90	0.00	637.10
5	Pea	0.00	70.80	0.00	7.80	0.00	552.24	0.00	674.96
	<b>Total</b>	<b>119.50</b>	<b>1479.20</b>				<b>15905.58</b>	<b>3943.50</b>	<b>23227.06</b>
<b>C</b>	<b>Zaid</b>								
	Nil								
<b>Cultivable Area</b>		<b>1510.06</b>	<b>Cropping Intensity</b>			<b>125.67</b>			

**Name of MWS = Maragpura**

**Code of MWS = 2C3A1c2f**

S. No.	Crop.	Area (ha)		Productivity (q/ha)		Production (q)			
						Grain/Main product		Fodder/Fuel/other Product	
		Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed
<b>A</b>	<b>Kharif</b>								
1	Urd	0.00	16.25	0.00	4.20	0.00	68.25	0.00	0.00
2	Moong	0.00	12.56	0.00	4.40	0.00	55.26	0.00	0.00
3	Arhar	0.00	35.65	0.00	5.80	0.00	206.77	0.00	328.40
4	Jowar	0.00	13.25	0.00	6.00	0.00	79.50	0.00	88.33
5	Bajra	0.00	14.35	0.00	5.80	0.00	83.23	0.00	97.10
6	Till	0.00	8.45	0.00	1.60	0.00	13.52	0.00	20.28
	<b>Total</b>	<b>0.00</b>	<b>100.51</b>				<b>506.53</b>	<b>0.00</b>	<b>534.11</b>
<b>B</b>	<b>Rabi</b>								
1	Wheat	55.65	568.25	22.00	12.00	1224.30	6819.00	1836.45	10228.50
2	Barley	0.00	8.52	0.00	14.60	0.00	124.39	0.00	186.59
3	Masoor	0.00	40.80	0.00	4.80	0.00	195.84	0.00	195.84
4	Gram	0.00	33.25	0.00	5.20	0.00	172.90	0.00	260.10
5	Pea	0.00	25.65	0.00	7.80	0.00	200.07	0.00	244.53
	<b>Total</b>	<b>55.65</b>	<b>676.47</b>				<b>7512.20</b>	<b>1836.45</b>	<b>11115.56</b>
<b>C</b>	<b>Zaid</b>								
	Nil								
<b>Cultivable Area</b>		<b>654.68</b>	<b>Cropping Intensity</b>			<b>127.18</b>			

**Name of MWS = Simora**

**Code of MWS = 2C3A3i1c**

S. No.	Crop.	Area (ha)		Productivity (q/ha)		Production (q)			
						Grain/Main product		Fodder/Fuel/other Product	
		Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed
<b>A</b>	<b>Kharif</b>								
1	Urd	0.00	20.36	0.00	4.20	0.00	85.51	0.00	0.00
2	Moong	0.00	14.58	0.00	4.40	0.00	64.15	0.00	0.00
3	Arhar	0.00	39.95	0.00	5.80	0.00	231.71	0.00	368.01
4	Jowar	0.00	12.25	0.00	6.00	0.00	73.50	0.00	81.67
5	Bajra	0.00	15.25	0.00	5.80	0.00	88.45	0.00	103.19
6	Till	0.00	12.65	0.00	1.60	0.00	20.24	0.00	30.36
	<b>Total</b>	<b>0.00</b>	<b>115.04</b>				<b>563.56</b>	<b>0.00</b>	<b>583.23</b>
<b>B</b>	<b>Rabi</b>								
1	Wheat	65.25	708.80	22.00	12.00	1435.50	8505.60	2153.25	12758.40
2	Barley	0.00	11.25	0.00	14.60	0.00	164.25	0.00	246.38
3	Masoor	0.00	65.95	0.00	4.80	0.00	316.56	0.00	316.56
4	Gram	0.00	44.65	0.00	5.20	0.00	232.18	0.00	319.38
5	Pea	0.00	26.95	0.00	7.80	0.00	210.21	0.00	256.92
	<b>Total</b>	<b>65.25</b>	<b>857.60</b>				<b>9428.80</b>	<b>2153.25</b>	<b>13897.64</b>
<b>C</b>	<b>Zaid</b>								
	Nil								
<b>Cultivable Area</b>		<b>824.98</b>	<b>Cropping Intensity</b>			<b>125.81</b>			

S. No.	Crop.	Area (ha)		Productivity (q/ha)		Production (q)			
						Grain/Main product		Fodder/Fuel/other Product	
		Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed	Irrigated	Rainfed
<b>A</b>	<b>Kharif</b>								
1	Urd	0.00	242.86	0.00	4.20	0.00	1020.01	0.00	0.00
2	Moong	0.00	239.69	0.00	4.40	0.00	1054.64	0.00	0.00
3	Arhar	0.00	422.70	0.00	5.80	0.00	2451.66	0.00	3893.81
4	Jowar	0.00	201.42	0.00	6.00	0.00	1208.52	0.00	1342.80
5	Bajra	0.00	219.84	0.00	5.80	0.00	1275.07	0.00	1487.58
6	Till	0.00	254.70	0.00	1.60	0.00	407.52	0.00	611.28
	<b>Total</b>	<b>0.00</b>	<b>1581.21</b>				<b>7417.42</b>	<b>0.00</b>	<b>7335.48</b>
<b>B</b>	<b>Rabi</b>								
1	Wheat	489.50	4551.45	22.00	12.00	10769.00	54617.40	16153.50	81926.10
2	Barley	0.00	89.90	0.00	14.60	0.00	1312.54	0.00	1968.81
3	Masoor	0.00	711.35	0.00	4.80	0.00	3414.48	0.00	3414.48
4	Gram	0.00	668.00	0.00	5.20	0.00	3473.60	0.00	3560.80
5	Pea	0.00	517.67	0.00	7.80	0.00	4037.83	0.00	4935.12
	<b>Total</b>	<b>489.50</b>	<b>6538.37</b>				<b>66855.85</b>	<b>16153.50</b>	<b>95805.31</b>
<b>C</b>	<b>Zaid</b>								
	Nil								
<b>Cultivable Area</b>		<b>6948.88</b>	<b>Cropping Intensity</b>			<b>123.89</b>			

## Horticulture Status in the Micro-watershed

There is no systematic agroforestry and orchard in the project area, however scattered trees are found in the study area. The details are given below:

**Table 3.9: Horticulture Status**

S. No.	Name of micro watershed with code	Name of village	Name of Important horticultural crop					
			Name	Orchard			Scattered Fruit Crop	
				Area ha.	Productivity q/ha	Production q	No.	Productivity q/No.
1	Atrauli (Parawar) 2C3A1c1e	Atrauli, Gopalpura, Bargawan Madhaugarh, Manpura (Gaura), Naoli, Parawar, Raura	Nil	Nil	Nil	Nil	65	2.75
2	Bangra 2C3A1d1e	Aheta, Mijhauna, Gaderana, Nichawadi, Bangra, Kuthaunda, Rudaoli Madhogarh, Torna	Nil	Nil	Nil	Nil	105	3.25
3	Gopalpura 2C3A1c1b	Gopalpura, Mahoi, Manpura (Gaura)	Nil	Nil	Nil	Nil	36	3.9
4	Jaitpura 2C3A3i1d	Baridang, Barkhera, Dang Khajuri, Ganeshpura, Ghilaur, Jaitpura, Jakhela, Kanhri, Lalpura, Lohai, Mithanpura, Mohammadpura, Nadigaon, Rajipura, Sikandrapur, Sikri Khurd, Simora, Singpura	Nil	Nil	Nil	Nil	79	2.45
5	Kusmara 2C3A3i1e	Bargawan Madhaugarh, Chandupura, Chhiriya Khurd, Ishuri, Kanhpura, Kunwarpura Thansing, Kusmara, Lohai, Mohammadpura, Naoli, Parasani, Parawar, Rendhar, Salempura, Sikri Buzarg, Simora, Singpura	Nil	Nil	Nil	Nil	124	2.6
6	Maragpura 2C3A1c2f	Barauli, Dawar Madhogarh, Hasupura, Bhampura, Maragpura, Rendhar, Rudaoli Madhogarh	Nil	Nil	Nil	Nil	64	3.25
7	Simora 2C3A3i1c	Alampur, Baridang, Dang Khajuri, Ghilaur, Ishuri, Jaitpura, Jakhela, Mohammadpura, Nadigaon, Nadigaon (NP), Parasani, Rajipura, Chandupura, Sikri Khurd, Simora	Nil	Nil	Nil	Nil	89	2.55
<b>Total</b>							<b>562</b>	<b>21</b>
								<b>1611</b>

(Scattered fruit plant of Papaya, Kathal, Ber, Aonla, Guava, etc.)

**Table 3.10: Forest, Vegetative Cover/Grass Land**

S. No.	Name & Code of Micro watershed	Name of Village	Forest (Area ha)			Grassland (Area ha)		Other vegetative cover (Area ha)	
			Reserve	Gram Samaj (Natural /Planted)	Total	Gram Samaj	Private	Gram Samaj	Private
1	2	3	4	5	6	7	8	9	10
1	Atrauli (Parawar) 2C3A1c1e	Atrauli, Gopalpura, Bargawan Madhaugarh, Manpura (Gaura), Naoli, Parawar, Raura	-	1.47	1.47	-	-	-	3.50
2	Bangra 2C3A1d1e	Aheta, Mijhauna, Gaderana, Nichawadi, Bangra, Kuthaunda, Rudaoli Madhogarh, Torna	-	1.95	1.95	-	-	-	4.25
3	Gopalpura 2C3A1c1b	Gopalpura, Mahoi, Manpura (Gaura)	-	0.75	0.75	-	-	-	1.20
4	Jaitpura 2C3A3i1d	Baridang, Barkhera, Dang Khajuri, Ganeshpura, Ghilaur, Jaitpura, Jakhela, Kanhri, Lalpura, Lohai, Mithanpura, Mohammadpura, Nadigaon, Rajipura, Sikandrapur, Sikri Khurd, Simora, Singpura	-	2.78	2.78	-	-	-	5.50
5	Kusmara 2C3A3i1e	Bargawan Madhaugarh, Chandupura, Chhiriya Khurd, Ishuri, Kanhpura, Kunwarpura Thansing, Kusmara, Lohai, Mohammadpura, Naoli, Parasani, Parawar, Rendhar, Salempura, Sikri Buzarg, Simora, Singpura	-	3.50	3.50	-	-	-	6.58
6	Maragpura 2C3A1c2f	Barauli, Dawar Madhogarh, Hasupura, Bhampura, Maragpura, Rendhar, Rudaoli Madhogarh	-	2.65	2.65	-	-	-	6.65
7	Simora 2C3A3i1c	Alampur, Baridang, Dang Khajuri, Ghilaur, Ishuri, Jaitpura, Jakhela, Mohammadpura, Nadigaon, Nadigaon (NP), Parasani, Rajipura, Chandupura, Sikri Khurd, Simora	-	4.50	4.50	-	-	-	9.50
<b>Total</b>				<b>17.60</b>	<b>17.60</b>				<b>37.18</b>

## Livestock Population

**Table 3.11: Livestock Population in IWMP-XIX, Jalaun**

All Figure in No.

Sr. No.	Name of Village	Cow		Buffalo		Ox/Bull	Goat	Sheep	Broiler/ Layers
		Desi	Crossed	Desi	Murrah				
1	2	3	4	5	6	7	8	9	10
1	Aheta	17	4	24	5	7	36	20	45
2	Gaderana	10	3	14	3	4	22	10	23
3	Atrauli	30	7	41	9	12	63	35	79
4	Bangra	197	49	276	58	44	421	123	341
5	Bargawan Madhaugarh	30	7	42	9	12	63	45	99
6	Mithunpura	28	7	39	8	11	60	4	17
7	Chhiriya Khurd	16	4	23	5	6	34	15	35
8	Dawar Madhogarh	20	5	22	5	2	34	16	45
9	Hasupura	15	4	21	4	6	32	28	61
10	Maragpura	6	1	8	2	2	12	10	22
11	Ghilaur	25	6	35	7	10	54	46	100
12	Ishuri	9	2	13	3	4	19	17	36
13	Gopalpura	153	38	215	45	45	327	282	475
14	Kanharpura	33	8	46	10	12	70	60	131
15	Kunwarpura Thansing	17	4	23	5	7	35	30	66
16	Kanhri	11	3	15	3	4	22	19	42
17	Dang Khajuri	17	4	24	5	7	36	31	68
18	Kusmara	50	13	70	15	18	107	93	203
19	Kuthaunda	109	27	153	32	26	233	201	345
20	Torna	19	5	26	6	8	40	35	75
21	Nichawadi	8	2	11	2	3	16	14	30
22	Jaitpura	4	1	5	1	1	7	6	14
23	Lohai	40	10	56	12	16	85	73	158

Sr. No.	Name of Village	Cow		Buffalo		Ox/Bull	Goat	Sheep	Broiler/ Layers
		Desi	Crossed	Desi	Murrah				
1	2	3	4	5	6	7	8	9	10
24	Mohammadpura	7	2	9	2	3	14	12	26
25	Simora	-	-	2	0	-	3	3	50
26	Mahoi	26	7	37	8	11	56	49	105
27	Manpura (Gaura)	47	12	65	14	17	99	86	187
28	Mijhauna	103	26	144	30	32	219	189	316
29	Naoli	83	21	116	24	26	177	153	255
30	Sikri Buzarg	12	3	16	3	5	25	21	47
31	Chandupura	4	1	6	1	2	9	7	16
32	Parasni	30	8	42	9	12	64	55	120
33	Parawar	42	10	58	12	17	89	77	166
34	Rajipura	20	5	28	6	8	43	37	80
35	Barauli	21	5	30	6	8	45	39	84
36	Raura	27	7	38	8	11	57	49	107
37	Rendhar	97	24	135	28	29	206	178	-
38	Rudaoli Madhogarh	33	8	46	10	11	70	60	132
39	Seoni Khurd	13	3	18	4	5	28	24	53
40	Alampur	5	1	7	2	2	11	10	21
41	Ganeshpura	6	1	8	2	2	12	10	23
42	Sikandrapur	23	6	32	7	9	48	41	90
43	Singpura	18	5	26	5	7	39	34	73
<b>Total</b>		<b>1476</b>	<b>369</b>	<b>2063</b>	<b>433</b>	<b>483</b>	<b>3145</b>	<b>2714</b>	<b>4460</b>

**Table 3.12: Details of Livestock Productivity**

S. No.	Name of village	Milk Production (Liter Per day)				Goatry Weight in Kg/goat	Poultry		Piggeries weight Kg/Pig		
		Cows		Buffalos			Broiler Weight in Kg/Brl	Layers No. of eggs/day			
		Desi	Crossed	Desi	Murrah						
1	Aheta	1.60	2.70	2.20	5.60	25	-	90	-		
2	Gaderana	1.80	2.70	2.40	5.40	28	-	46	-		
3	Atrauli	1.40	2.60	2.10	5.60	27	-	158	-		
4	Bangra	1.70	2.75	2.60	5.60	26	-	683	-		
5	Bargawan Madhaugarh	1.65	2.65	2.55	5.40	24	-	198	-		
6	Mithunpura	1.25	2.70	2.50	5.60	25	-	33	-		
7	Chhiriya Khurd	1.50	2.70	2.50	5.60	27	-	70	-		
8	Dawar Madhogarh	1.45	2.65	2.45	5.40	26	-	90	-		
9	Hasupura	1.60	2.70	2.55	5.60	24	-	121	-		
10	Maragpura	1.80	2.80	2.45	5.60	25	-	44	-		
11	Ghilaur	1.70	0.00	2.50	5.50	24	-	201	-		
12	Ishuri	1.65	2.70	2.60	5.70	25	-	72	-		
13	Gopalpura	1.60	2.70	2.45	5.40	26	-	950	-		
14	Kanharpura	1.65	2.65	2.55	5.50	27	-	263	-		
15	Kunwarpura Thansing	1.70	2.75	2.60	5.80	25	-	132	-		
16	Kanhri	1.50	2.60	2.50	5.50	25	-	84	-		
17	Dang Khajuri	1.65	2.65	2.55	5.40	24	-	136	-		
18	Kusmara	1.25	2.70	2.50	5.60	25	-	406	-		
19	Kuthaunda	1.50	2.70	2.50	5.60	27	-	689	-		
20	Torna	1.45	2.65	2.45	5.40	26	-	150	-		
21	Nichawadi	1.60	2.70	2.55	5.60	24	-	60	-		
22	Jaitpura	1.80	2.80	2.45	5.60	25	-	28	-		
23	Lohai	1.70	0.00	2.50	5.50	24	-	317	-		
24	Mohammadpura	1.65	2.70	2.60	5.70	25	-	52	-		

S. No.	Name of village	Milk Production (Liter Per day)				Goatry Weight in Kg/goat	Poultry		Piggeries weight Kg/Pig		
		Cows		Buffalos			Broiler Weight in Kg/Brl	Layers No. of eggs/day			
		Desi	Crossed	Desi	Murrah						
25	Simora	1.60	2.70	2.45	5.40	26	-	100	-		
26	Mahoi	1.65	2.70	2.60	5.70	25	-	210	-		
27	Manpura (Gaura)	1.60	2.70	2.45	5.40	26	-	374	-		
28	Mijhauna	1.65	2.65	2.55	5.50	27	-	632	-		
29	Naoli	1.70	2.75	2.60	5.80	25	-	510	-		
30	Sikri Buzarg	1.50	2.60	2.50	5.50	25	-	93	-		
31	Chandupura	1.65	2.65	2.55	5.40	24	-	32	-		
32	Parasni	1.25	2.70	2.50	5.60	25	-	239	-		
33	Parawar	1.50	2.70	2.50	5.60	27	-	332	-		
34	Rajipura	1.80	2.80	2.45	5.60	25	-	161	-		
35	Barauli	1.70	0.00	2.50	5.50	24	-	169	-		
36	Raura	1.65	2.70	2.60	5.70	25	-	214	-		
37	Rendhar	1.60	2.70	2.45	5.40	26	-	-	-		
38	Rudaoli Madhogarh	1.65	2.70	2.60	5.70	25	-	265	-		
39	Seoni Khurd	1.60	2.70	2.45	5.40	26	-	105	-		
40	Alampur	1.65	2.65	2.55	5.50	27	-	50	-		
41	Ganeshpura	1.70	2.75	2.60	5.80	25	-	45	-		
42	Sikandrapur	1.50	2.60	2.50	5.50	25	-	180	-		
43	Singpura	1.65	2.65	2.55	5.40	24	-	146	-		
<b>Average Total</b>		<b>1.60</b>	<b>2.50</b>	<b>2.50</b>	<b>5.55</b>	<b>25.37</b>					

## Livelihood Status

Assetless/landless people earn their livelihood mainly from labour and batai. They were earning about Rs. 3000/per month. It is expected that their income will enhance due to watershed management as it will generate sustained employment opportunity. Intervention based on piggeries, fisheries black smithy and carpentry was not in practice. Livelihood status of landless, Farmers and interventions based livelihood status of landless, Farmers and interventions based livelihood status are shown in Table 3.11, 3.12 and 3.13 respectively.

**Table 3.13: Livelihood Status of Landless People**

Sr. No.	Name & Code of micro watershed	Name of Village	Name of Livelihood Activity	No. of house hold engaged					Pre project Average Income/ Year	Desired Activities	Expected Income from desired activities Rs/Year	Remarks
				Sc	St	Other	Women	Total				
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Atrauli (Parawar) 2C3A1c1e	Atrauli, Gopalpura, Bargawan Madhaugarh, Manpura (Gaura), Naoli, Parawar, Raura	Labour/ Batai	10		15	5	30	36500	Goatry, Poultry, Rope making	86125	With investment work i.e extra income in SHG
2	Bangra 2C3A1d1e	Aheta, Mijhauna, Gaderana, Nichawadi, Bangra, Kuthaunda, Rudaoli Madhogarh, Torna	Labour/ Batai	12		13	4	29	37400	Goatry, Poultry, Rope making	95400	With investment work i.e extra income in SHG
3	Gopalpura 2C3A1c1b	Gopalpura, Mahoi, Manpura (Gaura)	Labour/ Batai	9		14	6	29	35900	Goatry, Poultry, Rope making	90100	With investment work i.e extra income in SHG

Sr. No.	Name & Code of micro watershed	Name of Village	Name of Livelihood Activity	No. of house hold engaged					Pre project Average Income/ Year	Desired Activities	Expected Income from desired activities Rs/Year	Remarks
				Sc	St	Other	Women	Total				
1	2	3	4	5	6	7	8	9	10	11	12	13
4	Jaitpura 2C3A3i1d	Baridang, Barkhera, Dang Khajuri, Ganeshpura, Ghilaur, Jaitpura, Jakhela, Kanhri, Lalpura, Lohai, Mithanpura, Mohammadpura, Nadigaon, Rajipura, Sikandrapur, Sikri Khurd, Simora, Singpura	Labour/ Batai	45		70	26	141	37200	Goatry, Poultry, Rope making	95400	With investment work i.e extra income in SHG
5	Kusmara 2C3A3i1e	Bargawan Madhaugarh, Chandupura, Chhiriya Khurd, Ishuri, Kanhpura, Kunwarpura Thansing, Kusmara, Lohai, Mohammadpura, Naoli, Parasani, Parawar, Rendhar, Salempura, Sikri Buzarg, Simora, Singpura	Labour/ Batai	49	-	35	12	96	36400	Goatry, Poultry, Rope making	81753	With investment work i.e extra income in SHG
6	Maragpura 2C3A1c2f	Barauli, Dawar Madhogarh, Hasupura, Bhampura, Maragpura, Rendhar, Rudaoli Madhogarh	Labour/ Batai	12		29	11	52	37000	Goatry Poultry Rope making	89235	With investment work i.e extra income in SHG
7	Simora 2C3A3i1c	Alampur, Baridang, Dang Khajuri, Ghilaur, Ishuri, Jaitpura, Jakhela, Mohammadpura, Nadigaon, Nadigaon (NP), Parasani, Rajipura, Chandupura, Sikri Khurd, Simora	Labour/ Batai	16	-	32	13	61	35500	Goatry, Poultry, Rope making	95650	With investment work i.e extra income in SHG
<b>Total for the Project IWMP-XIX</b>				<b>153</b>	<b>-</b>	<b>208</b>	<b>77</b>	<b>438</b>	<b>36557</b>	<b>Average</b>	<b>90523</b>	

**Table 3.15: Present Livelihood Status (No. of households/Income per year) in IWMP XIX, Jalaun**

Sr. No	Name of MWS with code	Name of village	Activities																			Income in Rs	
			Dairy		Poultry		Goatry	Piggeries		Fisheries		Black Smithy		Carpentry		Stitching/ knitting		Wages	Agriculture				
			No	Av. income	No	Av. income		No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income		No	Av. income	No	Av. income	
1	Atrauli (Parawar) 2C3A1c1e	Atrauli, Gopalpura, Bargawan Madhaugarh, Manpura (Gaura), Naoli, Parawar, Raura	206	10700	14	14400	26	23500	-	-	-	-	-	-	-	-	-	-	20	12000	156	26500	
2	Bangra 2C3A1d1e	Aheta, Mijauna, Gaderana, Nichawadi, Bangra, Kuthaunda, Rudaoli Madhogarh, Torna	265	13800	22	16200	22	24500	-	-	-	-	-	-	-	-	-	-	45	12500	205	23500	
3	Gopalpura 2C3A1c1b	Gopalpura, Mahoi, Manpura (Gaura)	168	12200	20	15400	26	25800	-	-	-	-	-	-	-	-	-	-	22	12000	126	29500	
4	Jaitpura 2C3A3i1d	Baridang, Barkhera, Dang Khajuri, Ganeshpura, Ghilaur, Jaitpura, Jakhela, Kanhri, Lalpura, Lohai, Mithanpura, Mohammadpura, Nadigaon, Rajipura, Sikandrapur, Sikri Khurd, Simora, Singpura	297	12600	35	15400	44	24600	-	-	-	-	-	-	-	-	-	-	65	15600	326	28500	
5	Kusmara 2C3A3i1e	Bargawan Madhaugarh, Chandupura, Chhiriya Khurd, Ishuri, Kanhpura, Kunwarpura Thansing, Kusmara, Lohai, Mohammadpura, Naoli, Parasani, Parawar, Rendhar, Salempura, Sikri Buzarg, Simora, Singpura	320	13500	36	15400	49	26700	-	-	-	-	-	-	-	-	-	-	21	12000	235	27500	

Sr. No	Name of MWS with code	Name of village	Activities																			
			Dairy		Poultry			Goatry	Piggeries		Fisheries		Black Smithy		Carpentry		Stitching/ knitting			Wages	Agriculture	
			No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income
6	Maragpura 2C3A1c2f	Barauli, Dawar Madhogarh, Hasupura, Bhampura, Maragpura, Rendhar, Rudaoli Madhogarh	263	12500	13	15400	39	25600	-	-	-	-	-	-	-	-	-	51	12000	263	27500	
7	Simora 2C3A3i1c	Alampur, Baridang, Dang Khajuri, Ghilaur, Ishuri, Jaitpura, Jakhela, Mohammadpura, Nadigaon, Nadigaon (NP), Parasani, Rajipura, Chandupura, Sikri Khurd, Simora	263	12500	13	15400	39	25600	-	-	-	-	-	-	-	-	-	51	12000	263	27500	
		<b>Grand Total</b>	<b>3737</b>	<b>12157</b>	<b>257</b>	<b>15400</b>	<b>680</b>	<b>25826</b>										<b>678</b>		<b>3737</b>	<b>28205</b>	

**Table 3.16: Ground Water Status**

S. No.	Name & Code of Micro Watershed	Name of village	Depth of Ground water Table(below Ground Level) in Meter		No. of observation well	Remarks
			Before Monsoon	After Monsoon		
1	Atrauli (Parawar) 2C3A1c1e	Atrauli, Gopalpura, Bargawan Madhaugarh, Manpura (Gaura), Naoli, Parawar, Raura	Avrg.15.18	Avrg.12.10	05	
2	Bangra 2C3A1d1e	Aheta, Mijhauna, Gaderana, Nichawadi, Bangra, Kuthaunda, Rudaoli Madhogarh, Torna	Avrg.15.20	Avrg.13.95	06	
3	Gopalpura 2C3A1c1b	Gopalpura, Mahoi, Manpura (Gaura)	Avrg.15.15	Avrg.12.50	06	
4	Jaitpura 2C3A3i1d	Baridang, Barkhera, Dang Khajuri, Ganeshpura, Ghilaur, Jaitpura, Jakhela, Kanhri, Lalpura, Lohai, Mithanpura, Mohammadpura, Nadigaon, Rajipura, Sikandrapur, Sikri Khurd, Simora, Singpura	Avrg.15.10	Avrg.12.15	13	
5	Kusmara 2C3A3i1e	Bargawan Madhaugarh, Chandupura, Chhiriya Khurd, Ishuri, Kanharpura, Kunwarpura Thansing, Kusmara, Lohai, Mohammadpura, Naoli, Parasani, Parawar, Rendhar, Salempura, Sikri Buzarg, Simora, Singpura	Avrg.15.22	Avrg.12.25	07	
6	Maragpura 2C3A1c2f	Barauli, Dawar Madhogarh, Hasupura, Bhampura, Maragpura, Rendhar, Rudaoli Madhogarh	Avrg.15.20	Avrg.12.10	09	
7	Simora 2C3A3i1c	Alampur, Baridang, Dang Khajuri, Ghilaur, Ishuri, Jaitpura, Jakhela, Mohammadpura, Nadigaon, Nadigaon (NP), Parasani, Rajipura, Chandupura, Sikri Khurd, Simora	Avrg.15.10	Avrg.12.15	13	
		<b>Average of IWMP-XIX</b>	<b>15.20</b>	<b>12.10</b>	<b>59</b>	

**Table 3.17: Details of infrastructure in the project areas**

Sr. No.	Name of Micro Watershed	Parameters		Status			
1	Atrauli (Parawar) 2C3A1c1e	(i)	Name of villages connected to the main road by an all weather road	Connected to main road			
		(ii)	Village's Name provided with electricity	Yes			
		(iii)	No. of households without access to drinking water				
		(iv)	No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	(P) 03	(S) 02	(HS) -	(VI) -
		(v)	Names of villages with access to Primary Health Centre	Available 01			
		(vi)	Names of villages with access to Veterinary Dispensary	-			
		(vii)	Names of villages with access to Post Office	01			
		(viii)	Names of villages with access to Banks	01			
		(ix)	Names of villages with access to Markets/ mandis	N.A			
		(x)	Names of villages with access to Agro industries	N.A			
		(xi)	Total quantity of surplus milk deficit	NIL			
		(xii)	No. of milk collection centres (e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	(U)	(S)	(PA)	(O) 03
		(xiii)	Name of villages with access to Anganwadi Centre				
		(xiv)	Community centre, Panchayat Ghar	Available			

Sr. No.	Name of Micro Watershed	Parameters		Status			
2	Bangra 2C3A1d1e	(i)	Name of villages connected to the main road by an all weather road	Connected to State Highway 70			
		(ii)	Village's Name provided with electricity	Yes			
		(iii)	No. of households without access to drinking water	98 Against 509			
		(iv)	No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	(P) 02	(S) 02	(H) 1	(VI)
		(v)	Names of villages with access to Primary Health Centre	Available 01			
		(vi)	Names of villages with access to Veterinary Dispensary	Available 01			
		(vii)	Names of villages with access to Post Office	Available 01			
		(viii)	Names of villages with access to Banks	Available 01			
3	Gopalpura 2C3A1c1b	(i)	Name of villages connected to the main road by an all weather road	Connected to State Highway 70			
		(ii)	Village's Name provided with electricity	Yes			
		(iii)	No. of households without access to drinking water	112 Against 596			
		(iv)	No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	(P) 03	(S) 02	(HS) 1	(VI)
		(v)	Names of villages with access to Primary Health Centre	Available 01			
		(vi)	Names of villages with access to Veterinary Dispensary	Available 01			
		(vii)	Names of villages with access to Post Office	Available 01			
		(viii)	Names of villages with access to Banks	Available 01			

Sr. No.	Name of Micro Watershed	Parameters	Status			
4	Jaitpura 2C3A3i1d	(i) Name of villages connected to the main road by an all weather road	Connected to main road			
		(ii) Village's Name provided with electricity	Yes			
		(iii) No. of households without access to drinking water	412 Against 2059			
		(iv) No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	(P) 07	(S) 04	(HS) 01	(VI)
		(v) Names of villages with access to Primary Health Centre	Available 01			
		(vi) Names of villages with access to Veterinary Dispensary	NA			
		(vii) Names of villages with access to Post Office	01			
		(viii) Names of villages with access to Banks	N.A			
5	Kusmara 2C3A3i1e	(i) Name of villages connected to the main road by an all weather road	Connected to main road			
		(ii) Village's Name provided with electricity	Yes			
		(iii) No. of households without access to drinking water	72 Against 369			
		(iv) No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	(P) 03	(S) 02	(HS) -	(VI) -
		(v) Names of villages with access to Primary Health Centre	Available 01			
		(vi) Names of villages with access to Veterinary Dispensary	N.A			
		(vii) Names of villages with access to Post Office	01			
		(viii) Names of villages with access to Banks	N.A			

Sr. No.	Name of Micro Watershed	Parameters		Status			
6	Maragpura 2C3A1c2f	(i)	Name of villages connected to the main road by an all weather road	Connected to main road			
		(ii)	Village's Name provided with electricity	Yes			
		(iii)	No. of households without access to drinking water	139 Against 703			
		(iv)	No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	(P) 03	(S) 01	(HS) -	(VI) -
		(v)	Names of villages with access to Primary Health Centre	NA			
		(vi)	Names of villages with access to Veterinary Dispensary	NA			
		(vii)	Names of villages with access to Post Office	01			
		(viii)	Names of villages with access to Banks	N.A			
7	Simora 2C3A3i1c	(i)	Name of villages connected to the main road by an all weather road	Connected to main road			
		(ii)	Village's Name provided with electricity	Yes			
		(iii)	No. of households without access to drinking water	139 Against 703			
		(iv)	No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	(P) 03	(S) 01	(HS) -	(VI) -
		(v)	Names of villages with access to Primary Health Centre	NA			
		(vi)	Names of villages with access to Veterinary Dispensary	NA			
		(vii)	Names of villages with access to Post Office	01			
		(viii)	Names of villages with access to Banks	N.A			

# **CHAPTER - 4**

# **INSTITUTION BUILDING &**

# **PROJECT MANAGEMENT**

## **Project Implementing Agency:**

The Project Implementing Agency (PIA) is Soil Conservation Officer, RJ.Jalaun<sup>1<sup>st</sup></sup> Orai Department of Agriculture U.P. IWMP-XIX, Jalaun, Uttar Pradesh. The PIA was given responsibility to develop the micro watershed by District Watershed Development Unit (DWDU) and State Level Nodal Agency (SLNA) considering its vast experiences in handling land and water management issues in the region. The PIA has well experienced trained and sufficient staff to handle the watershed management programme efficiently. Most of the staff of PIA has exposure of several watershed projects. In addition the PIA has access for technical backstopping from the ICAR viz. IGFRI and NRCAF, and KVK located at Jalaun. Details of PIA are presented in subsequent section.

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

**Table 4.1: Details of Project Implementing Agency (PIA), IWMP XIX, Jalaun**

<b>Sr. No.</b>	<b>Particulars of PIA</b>	
(i)	Date of selection of PIA	31-10-2011
(ii)	Type of organization	State Govt. Agency
(iii)	Name of organization	Department of Agriculture, Uttar Pradesh
(iv)	Designation & Address	Bhoomi Sanrakshan Adhikari, ,Rasriya Jalagam Jalaun at Orai District Jalaun
(v)	Telephone	BSA 09235629655
(vi)	Fax	05162-251063
(vii)	Email	<a href="mailto:bsarjjalaun@gmail.com">bsarjjalaun@gmail.com</a>

**Table 4.2: Details of Staff at PIA, IWMP XIX, Jalaun (S.C. Unit Rj. I<sup>st</sup> Jalaun at Orai)**

Sr. No.	Designation	Name	M/F	Qualification	Field of Experience & Period	Remarks
1	B.S.A.	Shri R. K. Mathur	M	M.Sc. Agri	19	
2	Technical Assist-A	Shri Mathura Prasad	M	Diploma Agri	32	
3	Junior Engineer	Shri Er. Jai Kumar Sharma	M	Diploma in Civil Engg.	20	
4	Technical Assist-B (SCI)	Shri M.C. Sakiywar	M	B.Sc. Agri	29 (NRM)	
5	Technical Assist-B	Shri Taj Mohamad	M	Diploma Agri	32 (NRM)	
6	Technical Assist-B	Shri K.R. Verma	M	Diploma Agri	32 (NRM)	
7	Technical Assist-B	Shri Santram Niranjan	M	Diploma (Ag)	33 (NRM)	
8	Technical Assist-B	Shri Swami Narayan	M	B.Sc. Agri	31 (NRM)	
9	Technical Assist-B	Shri Swamideen	M	Diploma (Ag)	32 (NRM)	
10	Technical Assist-C	Shri Rajesh Kumar	M	B.Sc. Agri	16 (NRM)	
11	Technical Assist-C	Shri Lala Sahab Yadav	M	Diploma Agri	29 (NRM)	
12	Technical Assist-C	Shri Ramdarshan Kushwaha	M	Diploma Agri	31 (NRM)	
13	Technical Assist-C	Shri Raghvendra sharma	M	M.Sc. Agri	32 (NRM)	
14	Technical Assist-C	Shri Shyam Kishor Gautam	M	B.Sc. Agri	32 (NRM)	
15	Technical Assist-C	Shri Parmanand Rajpot	M	B.Sc. Agri	32 (NRM)	
16	Technical Assist-C	Shr Rajendra Prasadi	M	Diploma Agri	18 (NRM)	
17	Technical Assist-C	Shri Jai Prakash	M	Diploma Agri	18 (NRM)	

<b>Sr. No.</b>	<b>Designation</b>	<b>Name</b>	<b>M/F</b>	<b>Qualification</b>	<b>Field of Experience &amp; Period</b>	<b>Remarks</b>
18	Technical Assist-C	Shri Aravind Singh	M	M.Sc. Agri	18 (NRM)	
19	Technical Assist-C	Shri Ram Lakan Prajapati	M	B.Sc. Agri	29 (NRM)	
20	Technical Assist-C	Shri Umrale Singh	M	M.Sc. Agri	21 (NRM)	
21	Technical Assist-C	Shri Dinesh Singh Sanger	M	Diploma Agri	19 (NRM)	
22	Technical Assist-C	Shri Abdul Hamid	M	M.Sc. Agri	18 (NRM)	
23	Technical Assist-C	Shri Shyam babu Niranjan	M	Diploma Agri	19 (NRM)	
24	Technical Assist-C	Shri Gajendra Singh	M	Diploma Agri	21 (NRM)	
25	Technical Assist-C	Shri Ramotor Rajpot	M	Diploma Agri	24 (NRM)	
26	Technical Assist-C	Shri Rambhrosi Prajapati	M	Diploma Agri	25 (NRM)	
27	Technical Assist-C	Shri Sushil Kumar Niranjan	M	B.Sc. Agri	22 (NRM)	
28	Technical Assist-C	Shri Ajai Pal Kushwaha	M	Diploma Agri	21 (NRM)	
29	Junior Enginier	Er. B.N. Lal	M	Diploma in Ag. Engg.	21	
30	Accountant	Shri Deep naryan Chaurasia	M	B. Com	14	
31	Drafft man	Shri V.K. Sachan	M	B.Sc D. farma in Diploma	31	
32	Anurekhak	Shri Ram Singh	M	B.A. Tresure Certiticate	32	
33	Senior Clerke	Shri Shivram	M	B.A.	31	
34	Senior Clerke	Shri Harendra Singh	M	B.A.	17	
35	Senior Clerke	Shri Jai Singh	M	Inter	08	
36	Junior Clerke	Shri Subhas Chandra	M	B.A.	12	

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

Project- IWMP-XIX			PIA- BSA R.J jalaun Ist Orai				District- Jalaun	
S. No.	Name of WDT member	M/F	Age	Qualification/ Experience	Description of professional training	Role/ Function	Date of appointment of WDT member	Contact Details
1	Sri Roshan Lal Aria	M	42	M.Sc. Ag. PHD	P.H.D.			9453285638 9889640714
2	Sri Harendra Kumar	M	29	M.Sc. Ag.	Agronomy	Soil Expert		9450834477
3	Km. Archna Devi	F	22	M.A.	M.S.W.	Social Work		9235963333
4	Sri Modh Jainul Aabin	M	27	M.Sc. Ag.	Water management	Water Management		9453643536

**Table 4.4: Details of Watershed Committee (WC)**

**MWS Code - 2C3A1c2f (Maragpura)**

**Watershed Committee Name - Maragpura**

Sl. No.	Name of Gram Sabha/GP	Date of Constitution /Registration as a Society (dd/mm/yyyy)	Name of member/ persons	Designation	M/F	SC	ST	OBC/Gen	SF	MF	LF	Land-less	UG	SHG	GP	Educational qualification	Function(s) assigned
1	Maragpura	24-05-2012	Amar Singh s/o Sarman	President	M	-	-	V	-	-	-	-	-	-	-	8th	Implementation of Watershed programme under the in supervision of PIA (as per common guide lines)
			Nathuram	Secretary	M	V	-	-	-	-	-	-	-	-	-	Intermediate	
			Ramsia s/o Gayadeen	Member	M	V	-	-	-	V	-	-	V	-	-	5th	
			Ragbeer s/o Surendra	Member	M	-	-	V	-	V	-	-	V	-	-	Literate	
			Harikishan s/o Balu	Member	M	V	-	-	-	V	-	-	-	V	-	Literate	
			Ravishankar Sakiya s/o Phunni Lal	Member	M	V	-	-	-	-	-	-	-	V	-	High School	
			Smt. Rima w/o Pradeep	Member	F	V	-	-	-	V	-	-	-	V	-	Literate	
			Phool Singh s/o Hari Kishan	Member	M	V	-	-	-	-	-	-	V	-	-	Literate	
			Munesh s/o Chaturbhuj	Member	M	-	-	V	-	-	-	-	V	-	-	5th	
			Bhagirath s/o Nankishor	Member	M	-	-	V	-	-	-	-	V	-	-	5th	
			Virendra Singh s/o Jagannath	Member	M	-	-	V	-	-	-	-	V	-	-	Literate	
			Jhingra Parsad s/o Hulshi Dohra	Member	M	V	-	-	-	-	-	-	-	V	-	Literate	

**MWS Code - 2C3A1c1b (Gopalpura)**
**Watershed Committee Name - Gopalpura**

Sl. No.	Name of Gram Sabha/GP	Date of Constitution /Registration as a Society (dd/mm/yyyy)	Name of member/ persons	Designation	M/F	SC	ST	OBC/Gen	SF	MF	LF	Land-less	UG	SHG	GP	Educational qualification	Function(s) assigned
2	Gopalpura	15-05-2012	Sunil singh s/o Sahab Singh	President	M	-	-	v	-	-	-	-	-	-	-	High School	Implementation of Watershed programme under the in supervision of PIA (as per common guide lines)
			Mahendra s/o Ramsawroop	Secretary	M	-	-	v	-	-	-	-	-	-	-	High School	
			Laxman Singh s/o Gopal Singh	Member	M	-	-	v	-	-	-	-	v	-	-	5th	
			Ramveer Singh s/o Sardar Singh	Member	M	-	-	v	-	-	-	-	v	-	-	Ju. High School	
			Ramsawroop s/o Parixit	Member	M	-	-	v	-	-	-	-	v	-	-	5th	
			Ramsankar s/o Budha	Member	M	v	-	-	-	-	-	v	-	v	-	Ju. High School	
			Mataparsad s/o Harichandra	Member	M	v	-	-	-	-	-	v	-	v	-	Literate	
			Jasram s/o Ramsebek	Member	M	v	-	-	-	-	-	v	-	v	-	Literate	
			Sobran s/o Bhonda	Member	M	-	-	v	-	-	-	-	v	-	-	5th	
			Serursh Singh s/o Sardar Singh	Member	M	-	-	v	-	v	-	-	v	-	-	Ju. High School	
			Smt. Munni w/o Mahendra	Member	F	-	-	v	-	-	-	v	-	v	-	Literate	

**MWS Code - 2C3A1d1e (Banger)**
**Watershed Committee Name - Mijhauna**

Sl. No.	Name of Gram Sabha/GP	Date of Constitution /Registration as a Society (dd/mm/yyyy)	Name of member/ persons	Designation	M/F	SC	ST	OBC/Gen	SF	M F	LF	Land-less	UG	SHG	GP	Educational qualification	Function(s) assigned
3	Mijhauna	26-05-2012	Parsuram s/o Baladeen	President	M	-	-	v	-	-	-	-	-	-	-	High School	Implementation of Watershed programme under the in supervision of PIA (as per common guide lines)
			Anuj Kumar s/o Ramnarayan	Secretary	M	-	-	v	-	-	-	-	-	-	-	B.A.	
			Arun Kumar s/o Baluram	Member	M	-	-	v	-	-	-	-	v	-	-	High School	
			Munnalal s/o Ramsawroop	Member	M	-	-	v	-	-	-	-	v	-	-	8th	
			Akhilesh s/o Radhay	Member	M	-	-	v	-	-	-	-	v	-	-	5th	
			Chansramakash s/o Baluram	Member	M	-	-	v	-	-	-	-	v	-	-	8th	
			Manoj s/o Kedar	Member	M	v	-	-	-	-	-	-	-	v	-	5th	
			Harisankar s/o Banti Lal	Member	M	v	-	-	-	-	-	-	-	v	-	Literate	
			Shyambalu s/o Matadeen	Member	M	v	-	-	-	-	-	-	-	v	-	Literate	
			Aravinsain s/o Sarman	Member	M	v	-	-	-	-	-	-	-	v	-	Literate	
			Smt. Guddi w/o Mahesh	Member	F	-	-	v	-	-	-	-	v	-	v	Illiterate	
			Omprakash s/o Harbansh	Member	M	-	-	v	v	-	-	-	-	v	v	High School	

**MWS Code - 2C3A1d1e (Bangra)**
**Watershed Committee Name – Bangra**

Sl. No.	Name of Gram Sabha/GP	Date of Constitution /Registration as a Society (dd/mm/yyyy)	Name of member/ persons	Designation	M/F	SC	ST	OBC/Gen	SF	M F	LF	Land-less	UG	SHG	GP	Educational qualification	Function(s) assigned
4	Bangra	27-05-2012	Gajendra Singh s/o Param Singh	President	M	-	-	✓	-	-	-	-	-	-	-	Intermediate	Implementation of Watershed programme under the in supervision of PIA (as per common guide lines)
			Sunil Kumar s/o Brihama sankar	Secretary	M	✓	-	-	-	-	-	-	-	-	-	B.A.	
			Jagram s/o Mulu	Member	M	-	-	✓	-	-	-	-	✓	-	-	High School	
			Shivajeet s/o Santosh Kumar	Member	M	-	-	✓	-	-	-	-	✓	-	-	Intermediate	
			Harikishan s/o Bansi	Member	M	-	-	✓	-	-	-	-	✓	-	-	Literate	
			Shri Ram s/o Ramnarayan	Member	M	-	-	✓	-	-	-	-	✓	-	-	Literate	
			Kallu s/o Juggi Lal	Member	M	-	-	✓	-	-	-	-	✓	-	-	Literate	
			Ramesh s/o Matadeen	Member	M	-	-	✓	-	-	-	-	✓	-	-	High School	
			Sitaram s/o Piyarelal	Member	M	✓	-	-	-	-	-	✓	-	✓	-	Literate	
			Smt. Surjan w/o Bhrimashakar	Member	F	✓	-	-	-	-	-	✓	-	✓	-	Literate	
			Pintu s/o Ram Singh	Member	M	✓	-	-	-	-	-	✓	-	✓	-	High School	
			Suresh s/o Prabhudayal	Member	M	✓	-	-	-	-	-	✓	-	✓	-	High School	

**MWS Code - 2C3A3i1c (Simora)**
**Watershed Committee Name - Prasani**

Sl. No.	Name of Gram Sabha/GP	Date of Constitution /Registration as a Society (dd/mm/yyyy)	Name of member/ persons	Designation	M/F	SC	ST	OBC/Gen	SF	M F	LF	Land-less	UG	SHG	GP	Educational qualification	Function(s) assigned
5	Prasani	3/5/2012	Sobhit	President	M	-	-	v	-	-	-	-	-	-	-	Intermediate	Implementation of Watershed programme under the in supervision of PIA (as per common guide lines)
			Sanjiv Kumar	Secretary	M	-	-	v	-	-	-	-	-	-	-	High School	
			Narayan Ju	Member	M	v	-	-	-	v	-	-	-	v	-	Literate	
			Rajendra	Member	M	-	-	v	-	-	-	-	v	-	-	Literate	
			Suresh	Member	M	v	-	-	-	-	-	-	-	v	-	Literate	
			Ramju	Member	M	-	-	-	-	v	-	-	v	-	-	Literate	
			Hargyan	Member	M	-	-	v		v	-	-	v	-	-	Literate	
			Govind Narayan	Member	M	-	-	v	v	-	-	-	-	v	-	Literate	
			Krishna Kumar	Member	M	-	-	v	v	-	-	-	v	-	-	Literate	
			Rekha Devi	Member	F	v	-	-	-	v	-	-	-	v	-	Literate	
			Hardayal	Member	M	v	-	-	-	v	-	-	-	v	-	Literate	
			Tathu	Member	M	v	-	-	-	v	-	-	v	-	-	Literate	

**MWS Code - 2C3A3i1e (Kusmara)**
**Watershed Committee Name - Kusmara**

Sl. No.	Name of Gram Sabha/GP	Date of Constitution /Registration as a Society (dd/mm/yyyy)	Name of member/ persons	Designation	M/F	SC	ST	OBC/Gen	SF	M F	LF	Land-less	UG	SHG	GP	Educational qualification	Function(s) assigned
6	Kusmara	17-06-2012	Mevalal s/o Dhobilal	President	M	V	-	-	-	-	-	-	-	-	-	Intermediate	Implementation of Watershed programme under the in supervision of PIA (as per common guide lines)
			Sanjay s/o Arun Kumar	Secretary	M	-	-	V	-	-	-	-	-	-	-	High School	
			Ramesh Chandra s/o Harnarayan	Member	M	-	-	V	-	-	V	-	V	-	V	Literate	
			Nand Kumar Singh s/o Harnath Singh	Member	M	-	-	V	-	V	-	-	V	-	-	Literate	
			Kailash s/o Bholaram	Member	M	-	-	V	-	-	-	V	-	V	-	Literate	
			Yatandra Singh s/o Anand Kumar	Member	M	-	-	V	V	-	-	-	V	-	-	Literate	
			Smt. Shivkali w/o Siyaram	Member	F	V	-	-	-	-	-	V	-	V	-	Literate	
			Gandalal s/oDhovilal	Member	M	V	-	-	-	-	-	V	-	V	-	Literate	
			Aberan s/o Kalicharan	Member	M	-	-	V	V	-	-	-	V	-	-	Literate	
			Vinod s/o Gangaram	Member	M	V	-	-	-	-	-	V	-	V	-	Literate	
			Umashankar s/o Lakharam	Member	M	-	-	V	V	-	-	-	V	-	-	Literate	

**MWS Code - 2C3A3i1e (Kusmara)**

**Watershed Committee Name – Chiriya Khurd**

Sl. No.	Name of Gram Sabha/GP	Date of Constitution /Registration as a Society (dd/mm/yyyy)	Name of member/ persons	Designation	M/F	SC	ST	OBC/Gen	SF	M F	LF	Land-less	UG	SHG	GP	Educational qualification	Function(s) assigned
6	Chiriya Khurd		Ram Prakash s/o Bhagvant Pal	President	M	-	-	v	-	-	-	-	-	-	-	-	Implementation of Watershed programme under the in supervision of PIA (as per common guide lines)
			Ram Das s/o Tika Ram	Secretary	M	-	-	v	-	-	-	-	-	-	-	-	
			Kalicharan s/o Munga Ram	Member	M	v	-	-	-	-	-	-	-	-	-	-	
			Ramdeen s/o Tijoloy	Member	M	v	-	-	-	-	-	-	-	-	-	-	
			Ramesvar s/o Acchay Lal	Member	M	-	-	v	-	-	-	-	-	-	-	-	
			Kashi Prashad s/o Daya Ram	Member	M	-	-	v	-	-	-	-	-	-	-	-	
			Balak Ram s/o Ram Lal	Member	M	-	-	v	-	-	-	-	-	-	-	-	
			Chatur Singh s/o Babu Singh	Member	M	-	-	v	-	-	-	-	-	-	-	-	
			Mahipal Singh s/o Babu Singh	Member	M	-	-	v	-	-	-	-	-	-	-	-	
			Santosh s/o Kherey	Member	M	-	-	-	-	-	-	-	-	-	-	-	
			Rita Kumari d/o Totkur Das	Member	F	v	-	-	-	-	-	-	-	-	-	-	

**MWS Code - 2C3A1c1e, Atrauli (Parawar)**
**Watershed Committee Name – Manpuura/Gaura**

Sl. No.	Name of Gram Sabha/GP	Date of Constitution /Registration as a Society (dd/mm/yyyy)	Name of member/ persons	Designation	M/F	SC	ST	OBC/Gen	SF	M F	LF	Land-less	UG	SHG	GP	Educational qualification	Function(s) assigned
6	Manpura/Gaura		Kusma Devi w/o Ram Kumar	President	F	-	-	v	-	-	-	-	-	-	-	10 <sup>th</sup>	Implementation of Watershed programme under the in supervision of PIA (as per common guide lines)
			Ani Kumar s/o Jai Singh	Secretary	M	-	-	v	-	-	-	-	-	-	-	B.A.	
			Shayam Babu s/o Hira Lal	Member	M	v	-	v	-	-	-	-	-	-	-	-	
			Ram Kesh s/o Ram Narayan	Member	M	v	-	v	-	-	-	-	-	-	-	-	
			Ashok kumar s/o Shiv Deen	Member	M	-	-	-	-	-	-	-	-	-	-	-	
			Ram Kumari w/o Mohan Singh	Member	F	-	-	-	-	-	-	-	-	-	-	-	
			Lal Singh s/o Daya Ram	Member	M	-	-	v	-	-	-	-	-	-	-	-	
			Mukesh s/o Chotte	Member	M	-	-	v	-	-	-	-	-	-	-	-	
			Babu s/o Dev Lal	Member	M	-	-	v	-	-	-	-	-	-	-	-	
			Gyan Singh s/o Anant	Member	M	-	-	v	-	-	-	-	-	-	-	-	
			Kailash s/o Pritam	Member	F	v	-	-	-	-	-	-	-	-	-	-	

The project IWMP-XIX is speard over in 51 village of 30 gram panchayat. Gram panchayat wise watershed committee was constituted details are given in above Table.

**Table 4.5: Details of Self Help Groups (SHGs) in the project area Project IWMP-XIX District-Jalaun**

S. No.	Name Of MWS	Name of villages	Total no of Constituted/registered SHGs				No. of members				No. of SC/ST in each category			No. of BPL in each category			Date of formation of SHGs
			With only Men	With only Women	With both	Total	Categories	M	F	Total	M	F	Total	M	F	Total	
1	Atrauli (Parawar) 2C3A1c1e	Atrauli	6	1	1	8	(i) Landless	31	10	41	8	3	11	31	10	41	Under Process
							(ii) SF	15	1	16	6		6	15	1	16	
							(iii) MF	19	4	23	3	2	5	18	3	21	
							(iv) LF										
							Total	65	15	80	17	5	22	64	14	78	
	Atrauli (Parawar) 2C3A1c1e	Gopalpura	4	1	1	6	(i) Landless	15	7	22	7	3	10	16	8	24	
							(ii) SF	22	6	28	6	2	8	23	6	29	
							(iii) MF	8	2	10	2	1	3	6	1	7	
							(iv) LF										
							Total	45	15	60	15	6	21	45	15	60	
	Atrauli (Parawar) 2C3A1c1e	Bargawan Madhaugarh	3	1	0	4	(i) Landless	14	5	19	5	2	7	13	5	18	
							(ii) SF	7	3	10	4	1	5	7	3	10	
							(iii) MF	9	2	11	1		1	9	2	11	
							(iv) LF										
							Total	30	10	40	10	3	13	29	10	39	
	Atrauli (Parawar) 2C3A1c1e	Manpura (Gaura)	3	1	0	4	(i) Landless	14	5	19	4	2	6	14	5	19	
							(ii) SF	8	2	10	3	1	4	7	2	9	
							(iii) MF	8	3	11	1	1	2	8	2	10	
							(iv) LF										
							Total	30	10	40	8	4	12	29	9	38	
	Atrauli (Parawar) 2C3A1c1e	Atrauli	9	3	0	12	(i) Landless	35	14	49	9	3	12	25	13	38	
							(ii) SF	37	9	46	5	2	7	35	16	51	
							(iii) MF	18	7	25				30	1	31	
							(iv) LF										
							Total	90	30	120	14	5	19	90	30	120	

(M – Male, F – Female)

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

Sr. No.	Name of micro watershed	Name of village	Name of group	Date of constitution	Name of Adhyaksh	Name of Sachiv	Total No. of Members				Name of Bank and Address	Up to date Saving Rs.	Group activities
							Women	Sc/St	Other	Total			
1	Atrauli (Parawar) 2C3A1c1e	Atrauli	Jankalyan SHG		Under Process		-	3	7	10	Under Process	Nil	Goatry
			Nariuthan SHG	-	Under Process	-	10	-	-	10	do	Nil	Taliloring
			Deenkalyan SHG	-	Under Process	-	-	5	5	10	do	Nil	Dairy unit
		Bargawan Madhaugarh	Annpurana SHG		Under Process	-	4	3	3	10	do	Nil	Grha udhyog
			Siddi Data SHG	-	Under Process	-	-	3	5	10	do	Nil	Vermi-Compost
		Gopalpura	Mahilautthan SHG	-	Under Process	-	10	-	-	10	do	Nil	Mini Dal Mil
			Shri Hitkari SHG	-	Under Process	-	-	3	7	10	do	Nil	Goatry
		Manpura (Gaura)	Ma laxmi SHG	-	Under Process	-	10	-	-	10	do	Nil	Tailoring
			Bharat Mata SHG	-	Under Process	-	-	3	7	10	do	Nil	Value Additionin pulses
2	Bangra 2C3A1d1e	Aheta, Mijhauna, Gaderana, Nichawadi, Bangra, Kuthaunda, Rudaoli Madhogarh, Torna	Under Process 10 SHGs				20	15	35	70	do	Nil	Tailoring addition pulses(paking and markting) Bermi composting minidal mill, donapattal making
3	Gopalpura 2C3A1c1b	Gopalpura, Mahoi, Manpura (Gaura)	Under constitution 06 SHGs				10	15	20	45	do	Nil	Goatring, Doma Pattal making, General Store & Kirana, Rope, Making, Tailoring, Carpentry, Repaire of Diesel Engine, Fruit Processing, Vermi Compost
4	Jaitpura 2C3A3i1d	Baridang, Barkhera, Dang Khajuri, Ganeshpura, Ghilaur, Jaitpura, Jakhela, Kanhri, Lalpura, Lohai, Mithanpura, Mohammadpura, Nadigaon, Rajipura, Sikandrapur, Sikri Khurd, Simora, Singpura	Under constitution 16 SHGs				20	28	52	100	do	Nil	Goatring, Doma Pattal making, General Store & Kirana, Rope, Making, Tailoring, Carpentry, Repaire of Diesel Engine, Fruit Processing, Vermi Compost

Sr. No.	Name of micro watershed	Name of village	Name of group	Date of constitution	Name of Adhyaksh	Name of Sachiv	Total No. of Members				Name of Bank and Address	Up to date Saving Rs.	Group activities
							Women	Sc/St	Other	Total			
5	Kusmara 2C3A3i1e	Bargawan Madhaugarh, Chandupura, Chhiriya Khurd, Ishuri, Kanhpura, Kunwarpura Thansing, Kusmara, Lohai, Mohammadpura, Naoli, Parasani, Parawar, Rendhar, Salempura, Sikri Buzarg, Simora, Singpura		Under constitution 20 SHGs			25	20	85	130	do	Nil	Goatring, Dona Pattal making, General Store & Kirana, Rope, Making, Tailoring, Carpentry, Repaire of Diesel Engine, Fruit Processing, Vermi Compost
6	Maragpura 2C3A1c2f	Barauli, Dawar Madhogarh, Hasupura, Bhampura, Maragpura, Rendhar, Rudaoli Madhogarh		Under constitution 10 SHGs			15	15	35	65	do	Nil	Goatring, Dona Pattal making, General Store & Kirana, Rope, Making, Tailoring, Carpentry, Repaire of Diesel Engine, Fruit Processing, Vermi Compost
7	Simora 2C3A3i1c	Alampur, Baridang, Dang Khajuri, Ghilaur, Ishuri, Jaitpura, Jakhela, Mohammadpura, Nadigaon, Nadigaon (NP), Parasani, Rajipura, Chandupura, Sikri Khurd, Simora		Under constitution 18 SHGs			20	18	42	80	do	Nil	Goatring, Dona Pattal making, General Store & Kirana, Rope, Making, Tailoring, Carpentry, Repaire of Diesel Engine, Fruit Processing, Vermi Compost

**Table 4.7: Microwatershed wise details of User Groups in IWMP XIX, Jalaun**

(M – Male, F – Female)

Sr. No.	Name of micro watershed with code	Names of village	Total of UGs				No. of members				No. of Sc/St in each category			No. of BPL in each category			Date of formation of UGs
			Men	Women	Both	Total	Categories	M	F	Total	M	F	Total	M	F	Total	
1	Atrauli (Parawar) 2C3A1c1e	Atrauli, Gopalpura, Bargawan Madhaugarh, Manpura (Gaura), Naoli, Parawar, Raura	7	1	2	10	(i) Landless	-	-	-	-	-	-	-	-	-	Under Processes
							(ii) Marginal	25	5	30	14	3	17	30	2	32	
							(iii) Small	13	-	13	3	-	3	-	-	0	
							(iv) Middle	13	2	15	-	-	-	-	-	-	
							(v) Big Farmer	5	-	5	-	-	-	-	-	-	
							<b>Total</b>	<b>7</b>	<b>1</b>	<b>2</b>	<b>10</b>	<b>56</b>	<b>7</b>	<b>63</b>	<b>17</b>	<b>3</b>	<b>20</b>
2	Bangra 2C3A1d1e	Aheta, Mijhauna, Gaderana, Nichawadi, Bangra, Kuthaunda, Rudaoli Madhogarh, Torna	9	-	3	12	(i) Landless	-	-	-	-	-	-	-	-	-	Under Processes
							(ii) Marginal	53	5	58	21	2	23	49	3	52	
							(iii) Small	26	2	2	5	-	5	20	1	21	
							(iv) Middle	18	-	18	-	-	-	-	-	-	
							(v) Big Farmer	3	-	0	-	-	-	-	-	-	
							<b>Total</b>	<b>9</b>	<b>0</b>	<b>3</b>	<b>12</b>	<b>71</b>	<b>7</b>	<b>78</b>	<b>26</b>	<b>2</b>	<b>28</b>
3	Gopalpura 2C3A1c1b	Gopalpura, Mahoi, Manpura (Gaura)	5	1	1	7	(i) Landless	-	-	-	-	-	-	-	-	-	Under Processes
							(ii) Marginal	67	6	73	13	1	14	69	3	72	
							(iii) Small	47	4	51	9	3	12	33	2	35	
							(iv) Middle	12	2	14	-	3	-	-	-	-	
							(v) Big Farmer	5	-	5	-	-	-	-	-	-	
							<b>Total</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>7</b>	<b>131</b>	<b>12</b>	<b>143</b>	<b>22</b>	<b>7</b>	<b>26</b>
4	Jaitpura 2C3A3i1d	Baridang, Barkhera, Dang Khajuri, Ganeshpura, Ghilaur, Jaitpura, Jakhela, Kanhri, Lalpura, Lohai, Mithanpura, Mohammadpura, Nadigaon, Rajipura, Sikandrapur, Sikri Khurd, Simora, Singpura	11	1	3	15	(i) Landless	-	-	-	-	-	-	-	-	-	Under Processes
							(ii) Marginal	36	3	39	18	0	18	36	3	39	
							(iii) Small	32	-	32	8	-	8	32	0	32	
							(iv) Middle	13	1	14	-	-	-	-	-	-	
							(v) Big Farmer	4	-	4	-	-	-	-	-	-	
							<b>Total</b>	<b>11</b>	<b>1</b>	<b>3</b>	<b>15</b>	<b>85</b>	<b>4</b>	<b>89</b>	<b>26</b>	<b>0</b>	<b>26</b>

Sr. No.	Name of micro watershed with code	Names of village	Total of UGs				No. of members				No. of Sc/St in each category			No. of BPL in each category			Date of formation of UGs
			Men	Women	Both	Total	Categories	M	F	Total	M	F	Total	M	F	Total	
5	Kusmara 2C3A3i1e	Bargawan Madhaugarh, Chandupura, Chhiriya Khurd, Ishuri, Kanhpura, Kunwarpura Thansing, Kusmara, Lohai, Mohammadpura, Naoli, Parasani, Parawar, Rendhar, Salempura, Sikri Buzarg, Simora, Singpura	8	-	3	11	(i) Landless	-	-	-	-	-	-	-	-	-	Under Processes
							(ii) Marginal	27	3	30	7	1	8	27	3	30	
							(iii) Small	24	3	27	6	-	6	23	2	25	
							(iv) Middle	12	1	13	-	-	-	-	-	-	
							(v) Big Farmer	7	-	7	-	-	-	-	-	-	
								70	7	77	13	1	14	50	5	55	
	<b>Total</b>		<b>8</b>	<b>0</b>	<b>3</b>	<b>11</b>		<b>70</b>	<b>7</b>	<b>77</b>	<b>13</b>	<b>1</b>	<b>14</b>	<b>50</b>	<b>5</b>	<b>55</b>	
6	Maragpura 2C3A1c2f	Barauli, Dawar Madhogarh, Hasupura, Bhampura, Maragpura, Rendhar, Rudaoli Madhogarh	10	1	5	16	(i) Landless	-	-	-	-	-	-	-	-	-	Under Processes
							(ii) Marginal	24	4	28	5	2	7	24	4	28	
							(iii) Small	11	3	14	6	1	7	11	3	14	
							(iv) Middle	10	-	10	3	-	3	11	3	14	
							(v) Big Farmer	3	-	3	-	-	-	-	-	-	
								<b>48</b>	<b>7</b>	<b>55</b>	<b>14</b>	<b>3</b>	<b>17</b>	<b>46</b>	<b>10</b>	<b>56</b>	
7	Simora 2C3A3i1c	Alampur, Baridang, Dang Khajuri, Ghilaur, Ishuri, Jaitpura, Jakhela, Mohammadpura, Nadigaon, Nadigaon (NP), Parasani, Rajipura, Chandupura, Sikri Khurd, Simora	12	1	5	18	(i) Landless	-	-	-	-	-	-	-	-	-	Under Processes
							(ii) Marginal	37	6	43	9	3	12	37	6	43	
							(iii) Small	23	3	26	8	1	9	23	3	26	
							(iv) Middle	6	-	6	4	-	4	-	-	-	
							(v) Big Farmer	3	-	3	-	-	-	-	-	-	
								<b>69</b>	<b>9</b>	<b>78</b>	<b>21</b>	<b>4</b>	<b>25</b>	<b>60</b>	<b>9</b>	<b>69</b>	
	<b>Total</b>		<b>12</b>	<b>1</b>	<b>5</b>	<b>18</b>		<b>69</b>	<b>9</b>	<b>78</b>	<b>21</b>	<b>4</b>	<b>25</b>	<b>60</b>	<b>9</b>	<b>69</b>	
	<b>Grand Total</b>		<b>62</b>	-	<b>22</b>	<b>89</b>		<b>530</b>	<b>53</b>	<b>583</b>	<b>139</b>	<b>20</b>	<b>156</b>	<b>425</b>	<b>38</b>	<b>463</b>	

**Table 4.9: Detail of Fund flow of watershed Committee Accounts in IWMP-XIX Jalaun (Amount Rs.)**

S. No.	Name of MSW with code	Name of watershed committee (WC)	Opening Balance	Deposit			Withdrawal			Interest accrued	Closing balance
				DRDA/ZP Cheque No./date	Amount/Date of deposit in WC Account	Total amount available in WC Account as on 31.03.2011	Amount withdrawn by Cash/Cheque	Date of withdrawal	Purpose of withdrawal		
1	Atrauli (Parawar) 2C3A1c1e	-	-	-	-	-	-	-	-	-	-
2	Bangra 2C3A1d1e	Mijhauna, Bangra	-	-	-	-	-	-	-	-	-
3	Gopalpura 2C3A1c1b	Gopalpura	-	-	-	-	-	-	-	-	-
4	Jaitpura 2C3A3i1d	-	-	-	-	-	-	-	-	-	-
5	Kusmara 2C3A3i1e	Kusmara	-	-	-	-	-	-	-	-	-
6	Maragpura 2C3A1c2f	Maragpura	-	-	-	-	-	-	-	-	-
7	Simora 2C3A3i1c	Simora	-	-	-	-	-	-	-	-	-
<b>Total IWMP-XIX</b>				-	-	-	-	-	-	-	-

**Note-** Budget will also be released very soon to newly constituted watershed committee in the year of 2012-13

# **CHAPTER – 5**

# **MANAGEMENT / ACTION PLAN**

## **ENTRY POINT ACTIVITY (EPA)**

EPA activities are taken up under watershed projects to newly build or repair the already existing structures with the consultation of village community at the beginning of the project; generally, certain important works which are in urgent demand of the local community are taken up. A group Discussion was conducted with watershed Development Committee regarding the EPA activity, it was conveyed to the WC that an amount of Rs. 19.67 Lakhs was allotted for EPA activity, which was 4 per cent of total allocated budget. The villagers discussed various activities which they fell is important but after a brief discussion it was conveyed to them that only those activities can be taken, which revive the common natural resources. It was also taken into priority that there should be an instrument of convergence which will result in sustainability of activities.

**Table 5.1: Entry point activities (EPA)**

Name of PIA	Name of Project	Year	Name of Block	Name of Project/Name of Village	Code of Project	E.P.A. cost in lakh	Activity	Cost in lakh	Remarks
B.S.A. RJ Ist Jalaun at Orai	IWMP-XIX	2011-12	Nadigao	Atrauli (Parawar)	2C3A1c1e	3.35	Well Maintenance & Culvert	3.35	
				Bangra	2C3A1d1e	2.85	Well Maintenance & Culvert	2.85	
				Gopalpura	2C3A1c1b	3.55	Culvert & Well Mantinance	3.55	
				Kusmara	2C3A3i1e	2.95	Well Maintenance & Culvert	2.95	
				Maragpura	2C3A1c2f	3.89	Well Maintenance & Culvert	3.89	
				Simora	2C3A3i1c	3.08	Well Maintenance & Culvert	3.08	
				<b>Total</b>		<b>19.67</b>		<b>19.67</b>	

## **Details of Livelihood Activities in the project area**

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

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

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

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

**Table 5.2: LIVELIHOOD ACTION PLAN-LAP**

**DETAILS OF LIVELIHOOD ACTIVITIES AT GLANCE UNDER IWMP-XIX, DISTRICT- JALAUN**

Amount in lacs

<b>S. No.</b>	<b>Gram Panchayat</b>	<b>Proposed Amount</b>	<b>Livelihood Activities 9% of the Total project Cost</b>					
			<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>Total</b>
1	Aheta	1.62	0.00	0.25	0.37	0.85	0.15	<b>1.62</b>
2	Atrauli	1.87	0.00	0.25	0.75	0.62	0.25	<b>1.87</b>
3	Bangra	1.30	0.00	0.15	0.50	0.15	0.50	<b>1.30</b>
4	Bargawan Madhaugarh	1.37	0.00	0.40	0.00	0.00	0.97	<b>1.37</b>
5	Basith	0.92	0.00	0.22	0.30	0.25	0.15	<b>0.92</b>
6	Chhiriya Khurd	1.47	0.00	0.00	0.60	0.37	0.50	<b>1.47</b>
7	Dawar Madhogarh	1.42	0.00	0.20	0.47	0.75	0.00	<b>1.42</b>
8	Ghilaur	1.22	0.00	0.25	0.00	0.35	0.62	<b>1.22</b>
9	Gopalpura	1.72	0.00	0.25	0.65	0.22	0.60	<b>1.72</b>
10	Kanharpura	0.92	0.00	0.00	0.37	0.40	0.15	<b>0.92</b>
11	Katkri Buzurg	1.07	0.00	0.00	0.35	0.00	0.72	<b>1.07</b>
12	Khajuri	1.52	0.00	0.22	0.50	0.40	0.40	<b>1.52</b>
13	Kusmara	1.07	0.00	0.00	0.40	0.20	0.47	<b>1.07</b>
14	Kuthaunda	1.62	0.00	0.00	0.40	0.62	0.60	<b>1.62</b>
15	Kutra	1.15	0.00	0.40	0.20	0.25	0.30	<b>1.15</b>
16	Lohai	1.32	0.00	0.00	0.47	0.40	0.45	<b>1.32</b>

<b>S. No.</b>	<b>Gram Panchayat</b>	<b>Proposed Amount</b>	<b>Livelihood Activities 9% of the Total project Cost</b>					
			<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>Total</b>
17	Mahoi	0.95	0.00	0.00	0.30	0.00	0.65	<b>0.95</b>
18	Manpura (Gaura)	1.72	0.00	0.00	0.50	0.62	0.60	<b>1.72</b>
19	Mijhauna	1.07	0.00	0.00	0.25	0.45	0.37	<b>1.07</b>
20	Naoli	1.02	0.00	0.00	0.00	1.02	0.00	<b>1.02</b>
21	Pajoniyan	1.12	0.00	0.30	0.20	0.00	0.62	<b>1.12</b>
22	Parasni	1.12	0.00	0.00	0.62	0.25	0.25	<b>1.12</b>
23	Parawar	1.72	0.00	0.25	0.50	0.37	0.60	<b>1.72</b>
24	Rajipura	1.47	0.00	0.25	0.40	0.45	0.37	<b>1.47</b>
25	Raura	1.12	0.00	0.22	0.15	0.25	0.50	<b>1.12</b>
26	Rendhar	1.37	0.00	0.20	0.15	0.40	0.62	<b>1.37</b>
27	Rudaoli Madhogarh	1.17	0.00	0.40	0.25	0.37	0.15	<b>1.17</b>
28	Seoni Buzurg	1.32	0.00	0.00	0.40	0.00	0.92	<b>1.32</b>
29	Sikandrapur	1.62	0.00	0.00	0.62	0.85	0.15	<b>1.62</b>
30	Singpura	1.67	0.00	0.22	0.40	0.40	0.65	<b>1.67</b>
	<b>Total</b>	<b>40.04</b>	<b>0.00</b>	<b>4.43</b>	<b>11.07</b>	<b>11.26</b>	<b>13.28</b>	<b>40.04</b>

Total allocation of the fund in this activity is Rs. 44.26 lacs, out of which an action plan gram panchayat wise have been prepared for Rs. 40.04 lacs, as per the requirement of the project area Rs. 4.22 lacs would be incorporated in the above plan later.

**DETAILS OF LIVELIHOOD ACTIVITIES AT GLANCE UNDER IWMP-XIX, DISTRICT-JALAUN**

S. No.	Gram Panchayat	General Merchant Shop					Goat Keeping			Carpentry			Dairy			Sewing										
		2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	
1	Aheta					0		2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	
2	Atrauli	1				1				1			1								1			1		1
3	Bangra			1	1								0		1						1			1		0
4	Bargawan Madhaugarh					0					1	1					1	1		1					1	1
5	Basith			1	1	1					1			1		1					0					0
6	Chhiriya Khurd			1	1					1			1				1	1		1		1		1	1	1
7	Dawar Madhogarh		1		1			1			1						0			1		1				1
8	Ghilaur			1	1					1	1					1	1				0			1		1
9	Gopalpura	1			1				1		1					0				1	1				1	1
10	Kanharpura			1	1			1			1					1	1				0					0
11	Katkri Buzurg			1	1					1	1				1		1				0			1		1
12	Khajuri		1		1	1				1						1	1		1		1					0
13	Kusmara				0					1	1					0				1	1			1		1
14	Kuthaunda				1	1			1		1				1		1		1		1				1	1
15	Kutra			1	1					0						1	1		1		1			1		1
16	Lohai			1		1		1		1						1					0				1	1

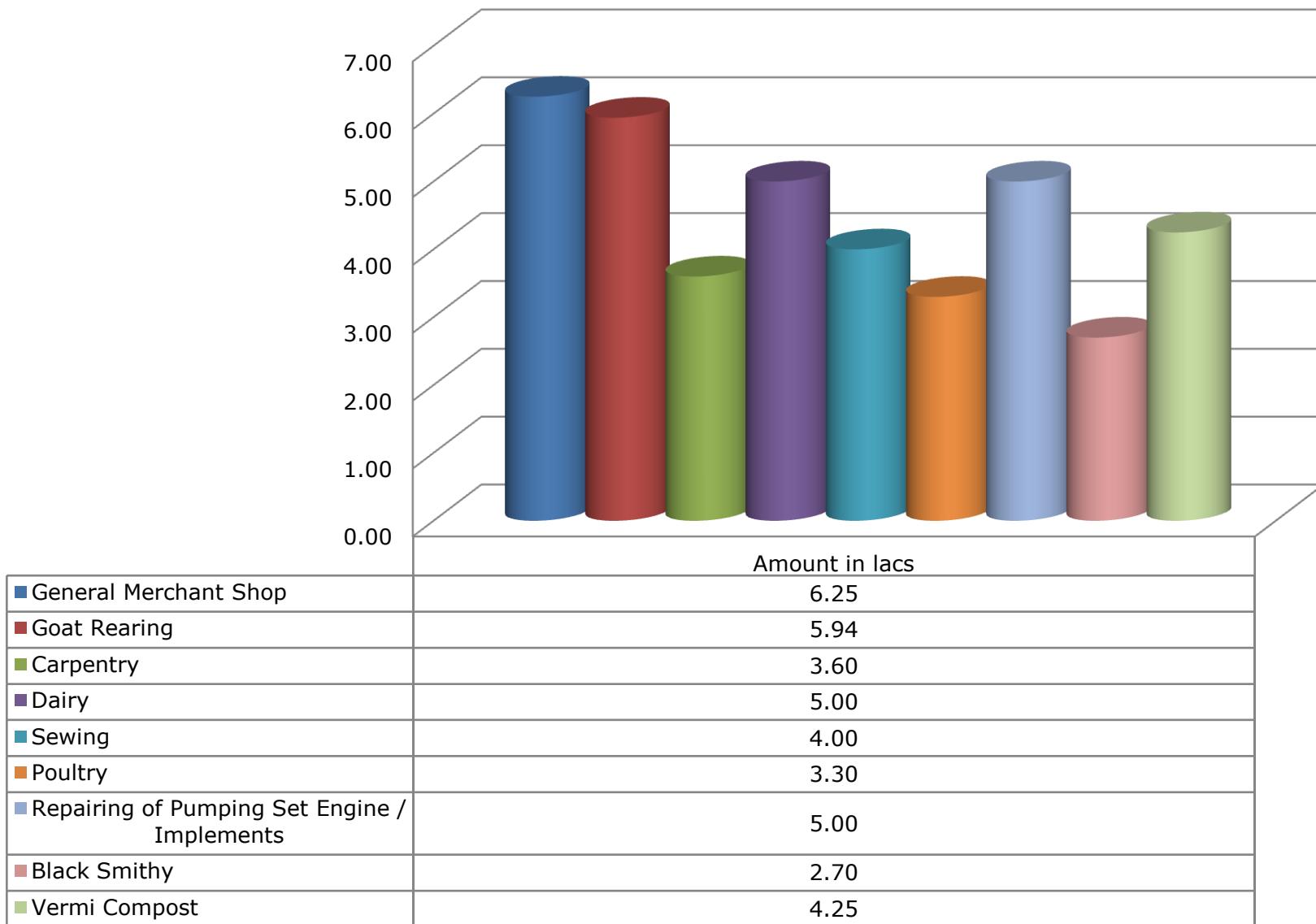
S. No.	Gram Panchayat	General Merchant Shop						Goat Keeping						Carpentry						Dairy						Sewing						
		2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	
17	Mahoi					0						0				1				1				1	1					0		
18	Manpura (Gaura)				1	1				1		1					1	1			1				1	1				1	1	
19	Mijhauna			1	1					1	1						0				0				0		1		1		1	
20	Naoli				1	1				1	1					1		1		1				1	1				0		0	
21	Pajoniyan					0				1	1			1			1				0				0		1			1		1
22	Parasni				1	1			1			1					0			1				1					0		0	
23	Parawar	1			1				1		1					1	1			1	1			1	1				1	1		1
24	Rajipura		1		1					1	1			1			1			1				1		1		1		1		1
25	Raura			1	1		1				1			1			0							0					0		0	
26	Rendhar				1	1					1	1					1		1					0		1			1		1	
27	Rudaoli Madhogarh			1		1				1		1					1	1						0					0		0	
28	Seoni Buzurg					1	1				1	1			1			1						1	1				1	1		1
29	Sikandrapur				1		1		1			1			1			1	1			1			1		1		1		1	
30	Singpura			1			1		1			1			1			1		1			1		1			1		0		
<b>Total</b>		0	3	6	7	9	2 5	0	4	6	8	9	2 7	0	2	7	7	8	2 4	0	2	6	6	6	2 0	0	2	5	6	7	2 0	

**DETAILS OF LIVELIHOOD ACTIVITIES AT GLANCE UNDER IWMP-XIX, DISTRICT-JALAU**

S. No.	Gram Panchayat	Poultry						Repairing of Pumping Set Engine / Implements						Black Smithy						Vermi Compost								
		2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total			
1	Aheta				1	1				1		1				1		1		1			1			1		
2	Atrauli			1			1					1	1				1		1		1			1			1	
3	Bangra				1		1			1			1						0			1				1		
4	Bargawan Madhaugarh		1				1					0					1	1						1			1	1
5	Basith					1	1					0				1			1								0	
6	Chhiriya Khurd			1			1					1	1						0								0	
7	Dawar Madhogarh						0			1		1							0			1				1		
8	Ghilaur				1		1		1				1						0			0				0		
9	Gopalpura			1			1			1			1					1	1		1				1		1	
10	Kanharpura					1	1					0				1			1								0	
11	Katkri Buzurg						0					1	1						0								0	
12	Khajuri						0			1		1					1		1						1		1	
13	Kusmara			1			1					0						0			0			1			1	
14	Kuthaunda				1		1			1			1					1		1						0		
15	Kutra					1	1					0				1			1								0	
16	Lohai						0					1	1						0					1			1	1

S. No.	Gram Panchayat	Poultry					Repairing of Pumping Set Engine / Implements					Black Smithy					Vermi Compost										
		2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total		
17	Mahoi			1			1					0					1					1				1	1
18	Manpura (Gaura)					0				1		1				1					1			1		1	
19	Mijhauna				1	1			1			1								0					0		
20	Naoli			1		1						0								0					0		
21	Pajoniyan	1				1				1		1						1	1						0		
22	Parasni		1			1						0							0				1		1		
23	Parawar				0				1			1					1		1			1			1		
24	Rajipura				1	1		1				1							0					0			
25	Raura				0					1		1				1			1				1		1		
26	Rendhar		1			1				1		1						1	1						0		
27	Rudaoli Madhogarh			1		1						0		1					1		1				1		
28	Seoni Buzurg				0				1			1							0						0		
29	Sikandrapur			1		1						0					1		1				1		1		
30	Singpura				1	1						1					1			1				1	1		
<b>Total</b>		0	2	8	5	7	22	0	2	6	5	7	20	0	2	5	5	6	18	0	2	5	5	5	17		

## Livelihood Expenditure on Different Activities



**ACTIVITIES RELATED TO SHGs:** Activities relating to income generation have been identified after several discussions with village communities. However final discussion in this regard will be taken after SHGs matures for 1<sup>st</sup> grading. Some of the activities identified are as under:

<b>Name of Activity</b>	<b>Unit Cost (amount in lacs)</b>
General Merchant Shop	0.25
Goat Keeping	0.22
Carpentry	0.15
Dairy	0.25
Sewing	0.20
Poultry	0.15
Repairing of Pumping Set Engine / Implements	0.25
Black Smithy	0.15
Vermi Compost	0.25

There appears to be great potential for these activities and these activities are likely to generate income of Rs.2000/- to Rs.2500/- per member/per month. However no activities would be forced upon any SHGs and they would be free to decide the activity they would like to opt for their additional income. Based on their choice, Project report for the specified activity would be prepared and revolving fund of Rs.20000/Rs.25000/- per SHG would be given for running their respective micro enterprise. If need arises for more funds for their Income Generation Activities at later stage, they would be assisted in getting loan from banks. SHGs thus formed would be provided all possible assistance to uplift for their Socio-Economic upliftment.

## **CROP PRODUCTION SYSTEM (10%)**

### **GRAM PANCHAYAT WISE FINANCIAL BREAK UP OF PRODUCTION & MICRO ENTERPRISES, IWMP-XIX, DISTRICT – JALAUN**

Amount in lacs

<b>S. No.</b>	<b>GRAM PANCHAYAT</b>	<b>Proposed Amount</b>	<b>Production System &amp; Microenterprises 10% of the Total Project Cost</b>						<b>WDF</b>
			<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>	<b>2015-16</b>	<b>TOTAL</b>	
1	Aheta	2.19	0.00	0.40	0.43	0.67	0.70	<b>2.19</b>	0.22
2	Atrauli	2.06	0.00	0.39	0.68	0.33	0.66	<b>2.06</b>	0.21
3	Bangra	1.56	0.00	0.17	0.33	0.50	0.57	<b>1.56</b>	0.16
4	Bargawan Madhaugarh	1.67	0.00	0.22	0.30	0.17	0.99	<b>1.67</b>	0.17
5	Basith	1.86	0.00	0.13	0.65	0.78	0.30	<b>1.86</b>	0.19
6	Chhiriya Khurd	1.36	0.00	0.00	0.36	0.53	0.46	<b>1.36</b>	0.14
7	Dawar Madhogarh	1.96	0.00	0.07	0.33	0.40	1.17	<b>1.96</b>	0.20
8	Ghilaur	1.63	0.00	0.17	0.45	0.35	0.66	<b>1.63</b>	0.16
9	Gopalpura	1.21	0.00	0.07	0.30	0.23	0.62	<b>1.21</b>	0.12
10	Kanharpura	1.93	0.00	0.17	0.82	0.37	0.58	<b>1.93</b>	0.19
11	Katkri Buzurg	1.27	0.00	0.33	0.43	0.15	0.36	<b>1.27</b>	0.13
12	Khajuri	1.43	0.00	0.00	0.17	0.26	1.00	<b>1.43</b>	0.14
13	Kusmara	1.55	0.00	0.07	0.46	0.73	0.30	<b>1.55</b>	0.16

S. No.	GRAM PANCHAYAT	Proposed Amount	Production System & Microenterprises 10% of the Total Project Cost						WDF
			2011-12	2012-13	2013-14	2014-15	2015-16	TOTAL	
14	Kuthaunda	1.20	0.00	0.22	0.33	0.13	0.52	<b>1.20</b>	0.12
15	Kutra	1.89	0.00	0.20	0.42	0.23	1.05	<b>1.89</b>	0.19
16	Lohai	1.16	0.00	0.13	0.40	0.27	0.36	<b>1.16</b>	0.12
17	Mahoi	1.56	0.00	0.07	0.07	0.83	0.60	<b>1.56</b>	0.16
18	Manpura (Gaura)	1.67	0.00	0.17	0.76	0.20	0.55	<b>1.67</b>	0.17
19	Mijhauna	2.08	0.00	0.17	0.47	0.36	1.08	<b>2.08</b>	0.21
20	Naoli	1.07	0.00	0.29	0.36	0.17	0.26	<b>1.07</b>	0.11
21	Pajoniyan	1.73	0.00	0.07	0.00	0.98	0.68	<b>1.73</b>	0.17
22	Parasni	1.56	0.00	0.00	0.51	0.37	0.68	<b>1.56</b>	0.16
23	Parawar	1.18	0.00	0.17	0.29	0.13	0.60	<b>1.18</b>	0.12
24	Rajipura	1.96	0.00	0.07	0.50	0.30	1.10	<b>1.96</b>	0.20
25	Raura	1.51	0.00	0.13	0.23	0.52	0.63	<b>1.51</b>	0.15
26	Rendhar	1.24	0.00	0.17	0.13	0.52	0.43	<b>1.24</b>	0.12
27	Rudaoli Madhogarh	1.84	0.00	0.17	0.70	0.33	0.65	<b>1.84</b>	0.18
28	Seoni Buzurg	1.93	0.00	0.29	0.43	0.32	0.90	<b>1.93</b>	0.19
29	Sikandrapur	1.56	0.00	0.33	0.38	0.17	0.68	<b>1.56</b>	0.16
30	Singpura	2.37	0.00	0.17	0.63	1.03	0.55	<b>2.37</b>	0.24
	<b>Total</b>	<b>49.18</b>	<b>0.00</b>	<b>4.92</b>	<b>12.29</b>	<b>12.29</b>	<b>19.67</b>	<b>49.18</b>	<b>4.92</b>

**DETAILS OF PRODUCTION SYSTEM & MICRO ENTERPRISES ACTIVITIES AT GLANCE UNDER  
IWMP-XIX, DISTRICT – JALAUN**

S. No.	Gram Panchayat	Crop Demostration (1 Demo=0.40 ha)																								
		Wheat					Arhar					Gram					Jowar			Urd/Moong						
		2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	
1	Aheta	1	1	1	2		1	1	1	2		1	1	1	1	1	2		1	1	1	1	1	2		
2	Atrauli		1	1	2		1			1	2			1	1	1	1	1	1		1	1	1	1	1	1
3	Bangra		1	1	2			1		1	1		1		1		1		1		1	1	1	1	1	2
4	Bargawan Madhaugarh		1	1	2		1		1	2			1	1	2		1	1	1	1	1	1	1	1	1	2
5	Basith	1		1	2			1	1	1	2		1		1		1		1		1		1		1	1
6	Chhiriya Khurd		1	1	2		1		1	2			1	1	1		1	1	2					1	1	1
7	Dawar Madhogarh		1	1	2			1		1			1		1		1		1	2			1		1	1
8	Ghilaur		1	1	1		1		1	2		1		1	2		1	1	2		1	1	1	1	1	2
9	Gopalpura		1	1	2		1		1		1		1		1		1		1		1	1	1	1	1	2
10	Kanharpura		1		1			1	1	1	2		1		1		1		1		1		1		1	1
11	Katkri Buzurg	1		1	2		1		1		1		1		1		1		1		1	1		1		1
12	Khajuri			1	1				1	1			1		1		1		1		1		1	1	1	2
13	Kusmara		1	1	2			1		1			1	1	2		1		1		1	1	1	1	1	2
14	Kuthaunda			1	1	1		1		1	2		1		1		1		1	2				1	1	1

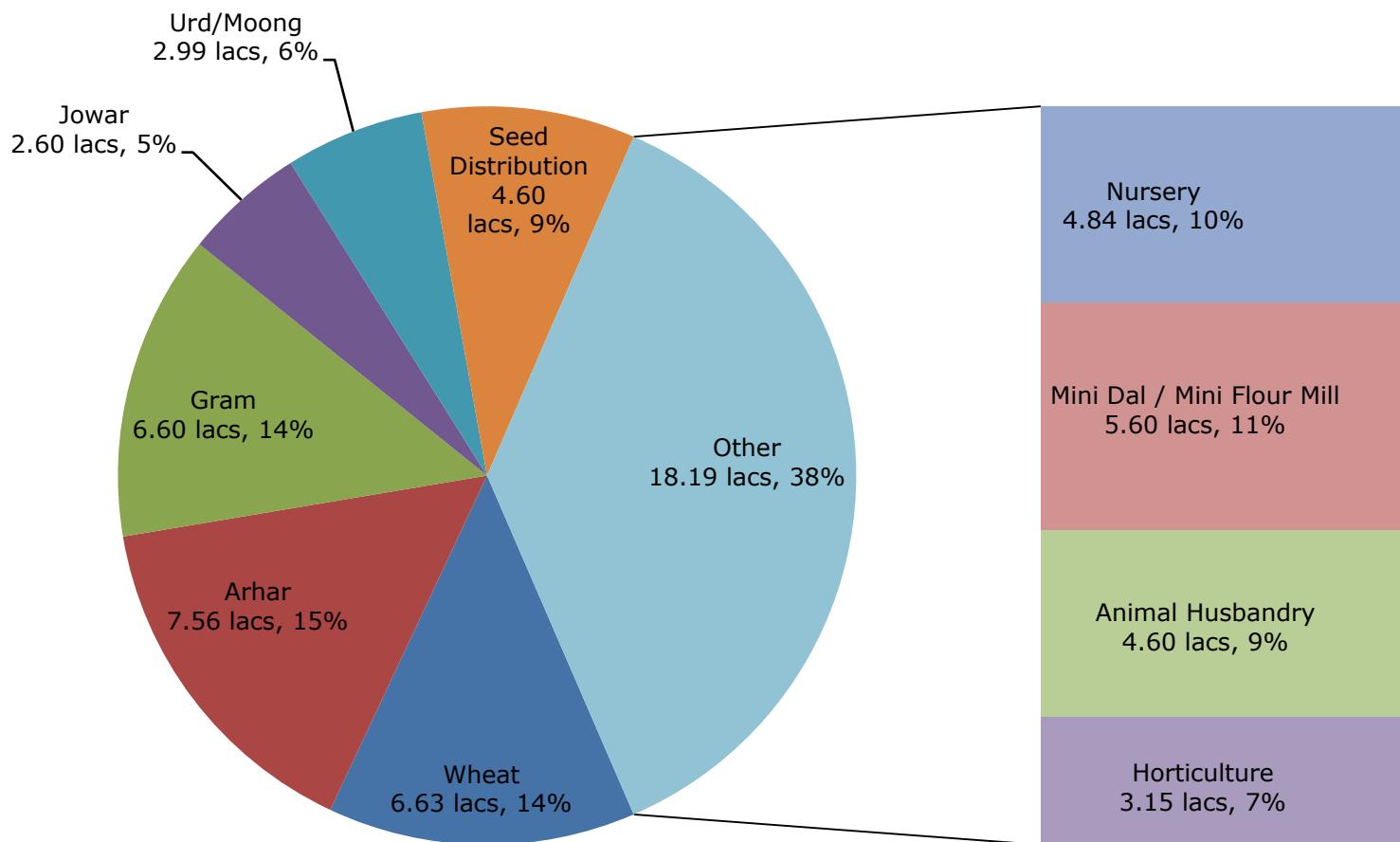
S. No.	Gram Panchayat	Crop Demostration (1 Demo=0.40 ha)																									
		Wheat						Arhar						Gram						Jowar				Urd/Moong			
		2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total		
15	Kutra			1		1	2				1		1							1					1		
16	Lohai		1		1	2		1		1	2			1			1		1		1		1	1	2		
17	Mahoi			1		1			1	1	2			1	1	2			1	1		1	1		2		
18	Manpura (Gaura)			1		1	2		1			1		1			1		1		1			1	1		
19	Mijhauna				1	1	2	1			1	2			1	1	2			1		1		1	1		
20	Naoli			1		1	2		1		1		1		1		1		1	2		1		1	2		
21	Pajoniyan				1		1			1	1			1	1	2		1		1			1		1		
22	Parasni			1		1	2		1			1			1		1			1	1		1	1	2		
23	Parawar				1		1	1		1	2			1	1		1			1				1	1		
24	Rajipura			1		1	2			1		1		1			1			1		1		1	2		
25	Raura	1			1	2		1		1	2			1		1			1	1			1	1	2		
26	Rendhar				1		1		1		1		1		1		1	2		1		1		1	2		
27	Rudaoli Madhogarh			1		1	2	1			1	2		1			1			1	1	2		1	1		
28	Seoni Buzurg					1	1		1			1			1	1	2		1			1		1	1		
29	Sikandrapur	1			1	2			1		1		1		1		1		1	1	2			1	1		
30	Singpura			1	1		2		1		1	2		1		1	1	3		1	1	1	3		1	1	
	<b>Total</b>	0	6	14	12	19	51	0	5	12	11	17	45	0	5	9	12	14	40	0	5	12	9	14	40	0	6
																								14	8	18	46

**DETAILS OF PRODUCTION SYSTEM & MICRO ENTERPRISES ACTIVITIES AT GLANCE UNDER  
IWMP-XIX, DISTRICT – JALAUN**

S. No.	Gram Panchayat	Animal Husbandry (in nos.)					Horticulture (Area in ha.)					Nursery (in nos.)					Seed Distribution (in nos.)					Mini Dal / Mini Flour Mill (in nos.)												
		2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total			
1	Aheta			1		1							1					1					1					1	1					
2	Atrauli				1	1			1				1					1					1					1	1					
3	Bangra				1	1							1	1				1	1				1					1	1				0	
4	Bargawan Madhaugarh				1	1		1					1					0					1	1					1	0				
5	Basith			1		1			1				1				1					1					0				1	1		
6	Chhiriya Khurd				1	1							0					0					1		1								0	
7	Dawar Madhogarh				1	1							1	1				1	1				1		1							1	1	
8	Ghilaur					0		1					1				1					1					1	1				0		
9	Gopalpura					1	1						0				1	1				1					0				0			
10	Kanharpura				1	1							1	1			1					1					1	1			1	1		
11	Katkri Buzurg	1			1				1				1				0					1					1	1				0		
12	Khajuri					1	1						1	1				1	1				1		1			1	1				0	
13	Kusmara				1		1						0					0					0					0			1	1		
14	Kuthaunda					0		1					1				1					1					0					0		

S. No.	Gram Panchayat	Animal Husbandry (in nos.)					Horticulture (Area in ha.)					Nursery (in nos.)					Seed Distribution (in nos.)					Mini Dal / Mini Flour Mill (in nos.)									
		2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total						
15	Kutra				1	1		2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total	2011-12	2012-13	2013-14	2014-15	2015-16	Total						
16	Lohai			1		1							0					0					0					0			
17	Mahoi				0					1			1					1					1					0			
18	Manpura (Gaura)				1	1						1	1					0					1					1			
19	Mijhauna		1			1						0					1	1				1					1	1			
20	Naoli				0							0		1				1					0					0			
21	Pajoniyan				0					1	1						1	1				1					1	1			
22	Parasni			1	1			1				1					1	1				1					1	0			
23	Parawar				0							0		1				1					1					0			
24	Rajipura				1	1					1	1					1	1				1					1	1			
25	Raura			1		1				1		1					0					1					0				
26	Rendhar				1	1						0					1		1								0				
27	Rudaoli Madhogarh				0							0					1	1				1					1				
28	Seoni Buzurg			1		1			1			1		1				1					1					1			
29	Sikandrapur				1	1			1			1					1	1		1						1		0			
30	Singpura				1	1					1	1					0					1					1				
	<b>Total</b>	<b>0</b>	<b>1</b>	<b>5</b>	<b>6</b>	<b>11</b>	<b>23</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>6</b>	<b>9</b>	<b>21</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>10</b>	<b>22</b>	<b>0</b>	<b>3</b>	<b>6</b>	<b>5</b>	<b>9</b>	<b>23</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>6</b>	<b>14</b>

## CROP DEMOSTRATION



(100 )

### **CROP DEMOSTRATION**

<b>Item</b>	<b>Unit Cost (Amount in Lacs )</b>
Wheat	0.130
Arhar	0.168
Gram	0.165
Jowar	0.065
Urd/Moong	0.065
Seed Distribution	0.200
Animal Husbandry	0.200
Horticulture	0.150
Nursery	0.220
Mini Dal / Mini Flour Mill	0.400

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

## **MAJOR PROBLEMS OF THE WATERSHEDS**

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

An annual action plan for the entire activity of the project according to availability of budget have been proposed for the annual schedule from 2011-12 to 2015-16.The details given below.

## ANNUAL ACTION PLAN

### Physical & Financial Break up of Watershed Development Works

Fin. : in Lacs

MWS Code	Activity	Target as AAP											
		2011-12		2012-13		2013-14		2014-15		2015-16		Total	
		Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy
Atrauli (Parawar) 2C3A1c1e Banga 2C3A1d1e Gopalpura 2C3A1c1b Jaitpura 2C3A3i1d Kusmara 2C3A3i1e Maragpura 2C3A1c2f Simora 2C3A3i1c	<b>Land Development</b>												
	Horticulture	0.00	0.00	0.42	0.00	0.90	0.00	0.90	0.00	0.90	0.00	3.11	
	Afforestation												
	Agriculture												
	<b>Sub Total</b>	<b>0.00</b>	<b>0.00</b>	<b>0.42</b>	<b>0.00</b>	<b>0.90</b>	<b>0.00</b>	<b>0.90</b>	<b>0.00</b>	<b>0.90</b>	<b>0.00</b>	<b>3.11</b>	<b>0.00</b>
	<b>SMC</b>												
	Contour Bunding	0.00	0.00	1.16	29.43	2.49	63.48	2.49	63.48	2.49	63.38	8.63	219.77
	Bench terracing												
	Marginal Bund	0.00	0.00	1.63	22.81	3.51	49.19	3.51	49.19	3.50	49.12	12.14	170.31
	Submergence Bund	0.00	0.00	20.07	313.67	43.28	676.53	43.28	676.53	43.21	675.50	149.83	2342.24
	<b>Sub Total</b>	<b>0.00</b>	<b>0.00</b>	<b>22.85</b>	<b>365.91</b>	<b>49.28</b>	<b>789.20</b>	<b>49.28</b>	<b>789.20</b>	<b>49.20</b>	<b>788.00</b>	<b>170.60</b>	<b>2732.32</b>
	<b>WHS</b>												
	Check dams	0.00	0.00	1.35	16.51	2.91	35.62	2.91	35.62	2.90	35.56	10.06	123.31
	Water Harvesting Bund	0.00	0.00	2.95	35.08	6.37	75.66	6.37	75.66	6.36	75.55	22.05	261.96
	Peripheral Bund	0.00	0.00	7.42	108.27	16.01	233.51	16.01	233.51	15.99	233.16	55.43	808.45
	Gully Plug	0.00	0.00	1.89	23.03	4.08	49.67	4.08	49.67	4.08	49.59	14.13	171.96
	<b>Sub Total</b>	<b>0.00</b>	<b>0.00</b>	<b>13.62</b>	<b>182.89</b>	<b>29.37</b>	<b>394.46</b>	<b>29.37</b>	<b>394.46</b>	<b>29.32</b>	<b>393.86</b>	<b>101.67</b>	<b>1365.68</b>
<b>Total</b>		<b>0.00</b>	<b>0.00</b>	<b>36.88</b>	<b>548.80</b>	<b>79.54</b>	<b>1183.67</b>	<b>79.54</b>	<b>1183.67</b>	<b>79.42</b>	<b>1181.86</b>	<b>275.39</b>	<b>4098.00</b>

MWS Code	Gram Panchayat	Livelihood	General Merchant Shop	Goat Keeping	Carpentry	Dairy	Sewing	Poultry	Repairing of Pumping Set Engine / Implements	Black Smithy	Vermi Compost	Total	
Atrauli (Parawar) 2C3A1c1e Bandra 2C3A1d1e Gopalpura 2C3A1c1b Jaitpura 2C3A3i1d Kusmara 2C3A3i1e Maragpura 2C3A1c2f Simora 2C3A3i1c	Aheta	General Merchant Shop @ Rs. 25000/- per beneficiary. Goat Keeping @ Rs. 22000/- per beneficiary, Poultry @ Rs.15000/- Diary @ Rs. 25000/- per beneficiary, Sewing @ Rs. 20000/- per beneficiary, Carpentry @ Rs. 15000/- per beneficiary, Black Smithy @ Rs. 15000/- per beneficiary, Vermi Compost @ Rs. 25000/- per beneficiary, Repairing of Pumping Set Engine/Implements @ Rs. 25000/- per beneficiary	0	1	1	1	1	1	1	1	1	1.62	
	Atrauli		1	1	1	1	1	1	1	1	1	1.87	
	Bangra		1	0	1	1	0	1	1	0	1	1.30	
	Bargawan Madhaugarh		0	1	1	1	1	1	0	1	1	1.37	
	Basith		1	1	1	0	0	1	0	1	0	0.92	
	Chhiriya Khurd		1	1	1	1	1	1	1	0	0	1.47	
	Dawar Madhogarh		1	1	0	1	1	0	1	0	1	1.42	
	Ghilaur		1	1	1	0	1	1	1	0	0	1.22	
	Gopalpura		1	1	0	1	1	1	1	1	1	1.72	
	Kanharpura		1	1	1	0	0	1	0	1	0	0.92	
	Katkri Buzurg		1	1	1	0	1	0	1	0	0	1.07	
	Khajuri		1	1	1	1	0	0	1	1	1	1.52	
	Kusmara		0	1	0	1	1	1	0	0	1	1.07	
	Kuthaunda		1	1	1	1	1	1	1	1	0	1.62	
	Kutra		1	0	1	1	1	1	0	1	0	1.15	
	Lohai		1	1	1	0	1	0	1	0	1	1.32	
	Mahoi		0	0	1	1	0	1	0	1	1	0.95	
	Manpura (Gaura)		1	1	1	1	1	0	1	1	1	1.72	
	Mijhauna		1	1	0	0	1	1	1	0	0	1.07	
	Naoli		1	1	1	1	0	1	0	0	0	1.02	
	Pajoniyan		0	1	1	0	1	1	1	1	0	1.12	
	Parasni		1	1	0	1	0	1	0	0	1	1.12	
	Parawar		1	1	1	1	1	0	1	1	1	1.72	
	Rajipura		1	1	1	1	1	1	1	0	0	1.47	
	Raura		1	1	0	0	0	0	1	1	1	1.12	
	Rendhar		1	1	1	0	1	1	1	1	0	1.37	
	Rudaoli Madhogarh		1	1	1	0	0	1	0	1	1	1.17	
	Seoni Buzurg		1	1	1	1	1	0	1	0	0	1.32	
	Sikandrapur		1	1	1	1	1	1	0	1	1	1.62	
	Singpura		1	1	1	1	0	1	1	1	1	1.67	
	<b>Others (Revolving Fund)</b>											<b>4.22</b>	
	<b>Sub Total</b>			<b>25</b>	<b>27</b>	<b>24</b>	<b>20</b>	<b>20</b>	<b>22</b>	<b>20</b>	<b>18</b>	<b>17</b>	<b>44.26</b>

MWS Code	Gram Panchayat	Production System & Microenterprises	Wheat	Arhar	Gram	Jowar	Urd/Moong	Animal Husbandry	Horticulture	Nursery	Seed Distribution	Mini Dal / Mini Flour Mill	TOTAL
Atrauli (Parawar) 2C3A1c1e Bangra 2C3A1d1e Gopalpura 2C3A1c1b Jaitpura 2C3A3i1d Kusmara 2C3A3i1e Maragpura 2C3A1c2f Simora 2C3A3i1c	Aheta	Crop demonstration is wheat @ Rs. 13000/ha, Arhar @ Rs.16800/ha, Gram @ Rs. 16500/ha, Jowar@ Rs. 6500/ha, Urd / Moong @ Rs. 6500/ha, Seed Distribution @ Rs. 20000/-, Horticulture toolkit @ Rs. 15000/- and Nursery @ Rs. 22000/-, Animal Husbandry @ Rs. 20000/-, Mini Dal / Mini Flour Mill @ Rs. 40000/-	2	2	1	2	2	1	1	1	1	1	2.19
	Atrauli		2	2	1	1	1	1	1	1	1	1	2.06
	Bangra		2	1	1	1	2	1	1	1	1	0	1.56
	Bargawan Madhaugarh		2	2	2	1	2	1	1	0	1	0	1.67
	Basith		2	2	1	1	1	1	1	0	1	1	1.86
	Chhiriya Khurd		2	2	1	2	1	1	0	0	1	0	1.36
	Dawar Madhogarh		2	1	1	2	1	1	1	1	1	1	1.96
	Ghilaur		1	2	2	2	2	0	1	1	1	0	1.63
	Gopalpura		2	1	1	1	2	1	0	1	0	0	1.21
	Kanharpura		1	2	1	1	1	1	1	1	1	1	1.93
	Katkri Buzurg		2	1	1	1	1	1	1	0	1	0	1.27
	Khajuri		1	1	1	1	2	1	1	1	1	0	1.43
	Kusmara		2	1	2	1	2	1	0	0	0	1	1.55
	Kuthaunda		1	2	1	2	1	0	1	1	0	0	1.20
	Kutra		2	1	1	1	1	1	1	1	1	1	1.89
	Lohai		2	2	1	1	2	1	0	0	0	0	1.16
	Mahoi		1	2	2	1	2	0	1	1	1	0	1.56
	Manpura (Gaura)		2	1	1	1	1	1	1	0	1	1	1.67
	Mijhauna		2	2	2	1	1	1	0	1	1	1	2.08
	Naoli		2	1	1	2	2	0	0	1	0	0	1.07
	Pajoniyan		1	1	2	1	1	0	1	1	1	1	1.73
	Parasni		2	1	1	1	2	1	1	1	1	0	1.56
	Parawar		1	2	1	1	1	0	0	1	1	0	1.18
	Rajipura		2	1	1	1	2	1	1	1	1	1	1.96
	Raura		2	2	1	1	2	1	1	0	1	0	1.51
	Rendhar		1	1	2	1	2	1	0	1	0	0	1.24
	Rudaoli Madhogarh		2	2	1	2	2	0	0	1	1	1	1.84
	Seoni Buzurg		1	1	2	1	1	1	1	1	1	1	1.93
	Sikandrapur		2	1	1	2	1	1	1	1	1	0	1.56
	Singpura		2	2	3	3	2	1	1	0	1	1	2.37
	Sub Total		51	45	40	40	46	23	21	22	23	14	49.18
	Total												358.406

# **CHAPTER – 6**

# **CAPACITY BUILDING PLAN**

The total amount in this activity is Rs 24.588 Lacs have been allocated. According to distribution of fund in different level, a comprehensive detail action plan has been prepared for proper execution of human resource development in the project activities.

**Table 6.1: List of identified training institutes for capacity building**

Sr. No.	Name of the Training Institute	Full Address with contact no, website & email	Designation of the Head of Institute	Type of Institute	Area(s) of specialization	Allocation to be made to the institute
1.	Krishi Vigyan Kendra	Rura Mallu Bohadpura Jalaun road Orai 9452055338 Dr. Khlil 05102792282	Programme Coordinator	Agriculture University	Extension Agronomy Home Science Soil Science	Proposal with budget will be received
2.	National Research Center for Agro-Forestry	Gwalior Road, Jhansi	Director	GOI, (ICAR)	Agroforestry and NRM on watershed basis	do
3.	District Gram Vikash Sansthan	Bohadpura Jalaun road Orai	Coordinator	State Govt.	Small scale	do
4.	Indian Institute of Grass Land	Gwalior Road, Jhansi	Director, Jhansi	GoI (ICAR)	Grasses and fodder	do
5.	Dept. Of Horticulture	Near District Bord Orai Jalaun	D.H.O.	State Govt.	Fruit and Vegetable Production	do

**Table 6.2: Training to stakeholders on participatory watershed management**

Sl. No.	Client Group	Title of the Programme/ Duration/ Time	Objectives	Coverage/Topics	Training Methodology	Training Institutions
1.	Watershed Committee & WDT members	Planning and implementation of IWMP Project (3 day)	To Strengthen WC and WDT for planning and executing the Project	Natural Resource Management Livelihood options for landless and marginal farmers. Improved Agriculture production system	Lectures, videos and visits to successful watershed	National Research Center for Agroforestry, Gwalior Road, Jhansi
2.	User Group, SHGs members	Agriculture Production system and specialized training for SHGs (3 day)	To increase the Agriculture productivity and livelihood improvement	Integrated crop management in pulses, cereals, oilseeds, vegetables, orchards and small scale projects related to Agriculture.	Lectures, videos and visits	Krishi Vigyan Kendra, Rura Mallu Jalaun Road Orai Jalaun
3	Watershed Committee & WDT members	Management of natural resources on watershed basis and Agroforestry	Awareness and strengthening of knowledge and skills	NRM, Production system and livelihood	Lectures, videos and visits to successful watershed	National Research Center for Agroforestry, Gwalior Road, Jhansi
4	Secretaries of WC and WDT/PIA members	Book keeping and record maintenance	Maintenance of record and preparing budget	Cash book and ledger registers, preparing budget, maintenance of accounts	Lectures and practical exercise	National Research Center for Agroforestry, Gwalior Road, Jhansi
5	PIA/WDT members	Cultivation of fodder in watershed	Awareness and knowledge enhancement	Package of practices of fodder cultivation	Lectures, videos and visits to successful watershed	Indian Grassland and Fodder Research Institute, Jhansi
6.	PIA/WDT/WC members	Knowledge of market and pricing	Awareness and knowledge enhancement	Market intelligence	Lectures, videos and visits	Agriculture Technology Management Agency (ATMA)
7	PIA/WDT members	Design of SWC structures	Strengthening of knowledge	SWC structures	Lectures, practical exercise and visits to successful watershed	NRCAF, Jhansi / CSWCRTI&RS, Datia, MP

**Table 6.3: Year-wise bifurcation of capacity building activities IWMP-XIX, Jalaun**

			I Year				II Year				III Year				
S. No.	Level	Total no of person	No of person to be trained	No of training to be conduct	Training day	Total Cost	No of person to be trained	No of training to be conduct	Training day	Total Cost	No of person to be trained	No of training to be conduct	Training day	Total Cost	
1	SLNA					0.492				0.590				0.295	
2	WCDC					0.492				1.967				0.836	
3	PIA	36	15	3	2	0.295	36	4	3	1.947	12	4	3	0.511	
4	WDT	4	4	4	2	0.148	5	10	4	0.974	4	4	4	0.256	
5	SHG	90	60	1	2	0.369	125	3	2	2.434	80	1	2	0.639	
6	UG	75	75	1	2	0.443	200	2	2	2.921	120	1	2	0.895	
7	WC	45	45	1	2	0.221	100	2	2	1.461	75	1	1	0.256	
<b>TOTAL</b>						<b>2.459</b>				<b>12.294</b>				<b>3.688</b>	
			<b>IVth Year</b>				<b>Vth Year</b>								
S. No.	Level	Total no of person	No of person to be trained	No of training to be conduct	Training day	Total Cost	No of person to be trained	No of training to be conduct	Training day	Total Cost					
1	SLNA					0.295								0.492	2.164
2	WCDC					0.836								0.492	4.623
3	PIA	36	16	2	4	0.511	14	2	3					0.295	3.560
4	WDT	4	4	4	4	0.256	5	4	2					0.148	1.780
5	SHG	90	100	1	2	0.639	100	1	1					0.369	4.450
6	UG	75	135	1	2	0.895	120	1	1					0.443	5.596
7	WC	45	75	1	1	0.256	65	1	1					0.221	2.415
<b>TOTAL</b>						<b>3.688</b>								<b>2.459</b>	<b>24.588</b>

# **CHAPTER -7**

# **PHASING OF PROGRAMME & BUDGETING**

**FINANCIAL BREAKUP OF VARIOUS COMPONENTS IN TERMS OF % OF IWMP-XIX,  
DISTRICT-JALAUN**

Amount in lacs

S. No.	MWS Code	MWS Name	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	2C3A1c1e	Atrauli (Parawar)	435.40	52.25	5.22	2.09	2.61	0.52	29.26	4.70	5.22	0.52	0.52	1.57	<b>52.25</b>
2	2C3A1d1e	Bangra	1385.90	166.31	16.63	6.65	8.32	1.66	93.13	14.97	16.63	1.66	1.66	4.99	<b>166.31</b>
3	2C3A1c1b	Gopalpura	229.00	27.48	2.75	1.10	1.37	0.27	15.39	2.47	2.75	0.27	0.27	0.82	<b>27.48</b>
4	2C3A3i1d	Jaitpura	0.00	-	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<b>0.00</b>
5	2C3A3i1e	Kusmara	1166.70	140.00	14.00	5.60	7.00	1.40	78.40	12.60	14.00	1.40	1.40	4.20	<b>140.00</b>
6	2C3A1c2f	Maragpura	520.60	62.47	6.25	2.50	3.12	0.62	34.98	5.62	6.25	0.62	0.62	1.87	<b>62.47</b>
7	2C3A3i1c	Simora	360.40	43.25	4.32	1.73	2.16	0.43	24.22	3.89	4.32	0.43	0.43	1.30	<b>43.25</b>
<b>Total</b>			<b>4098.00</b>	<b>491.76</b>	<b>49.18</b>	<b>19.67</b>	<b>24.59</b>	<b>4.92</b>	<b>275.39</b>	<b>44.26</b>	<b>49.18</b>	<b>4.92</b>	<b>4.92</b>	<b>14.75</b>	<b>491.76</b>

**YEARWISE PHYSICAL AND FINANCIAL BREAK UP OF WORK COMPONENT OF IWMP-XIX,**  
**DISTRICT-JALAUN**  
**WATERSHED DEVELOPMENT WORKS**

Amount in Lacs, Physical in ha

S. No.	MWS Code	MWS Name	Project Area	Proposed Amount	2011-12		2012-13		2013-14		2014-15		2015-16		TOTAL		
					Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
1	2C3A1c1e	Atrauli (Parawar)	435.40	29.26	0.00	0.00	58.31	3.92	125.76	8.45	125.76	8.45	125.57	8.44	435.40	29.26	
2	2C3A1d1e	Bangra	1385.90	93.13	0.00	0.00	185.60	12.47	400.30	26.90	400.30	26.90	399.69	26.86	1385.90	93.13	
3	2C3A1c1b	Gopalpura	229.00	15.39	0.00	0.00	30.67	2.06	66.14	4.44	66.14	4.44	66.04	4.44	229.00	15.39	
4	2C3A3i1d	Jaitpura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5	2C3A3i1e	Kusmara	1166.70	78.40	0.00	0.00	156.24	10.50	336.99	22.65	336.99	22.65	336.48	22.61	1166.70	78.40	
6	2C3A1c2f	Maragpura	520.60	34.98	0.00	0.00	69.72	4.69	150.37	10.10	150.37	10.10	150.14	10.09	520.60	34.98	
7	2C3A3i1c	Simora	360.40	24.22	0.00	0.00	48.26	3.24	104.10	7.00	104.10	7.00	103.94	6.98	360.40	24.22	
<b>Total</b>				<b>4098.00</b>	<b>275.39</b>	<b>0.00</b>	<b>0.00</b>	<b>548.80</b>	<b>36.88</b>	<b>1183.67</b>	<b>79.54</b>	<b>1183.67</b>	<b>79.54</b>	<b>1181.86</b>	<b>79.42</b>	<b>4098.00</b>	<b>275.39</b>

**GRAM PANCHAYAT WISE PHYSICAL AND FINANCIAL BREAK UP OF WORK COMPONENT OF  
IWMP-XIX, DISTRICT-JALAUN  
WATERSHED DEVELOPMENT WORKS**

Amount in Lacs, Physical in ha

S. No.	Gram Panchayat	Project Area	Proposed Amount	2010-11		2011-12		2012-13		2013-14		2014-15		TOTAL	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Bangra	914.647	61.46	0.00	0.00	122.49	8.23	264.19	17.75	264.19	17.75	263.78	17.73	915	61.46
2	Mijhaun	471.253	31.67	0.00	0.00	63.11	4.24	136.12	9.15	136.12	9.15	135.91	9.13	471	31.67
3	Gopalpura	229.000	15.39	0.00	0.00	30.67	2.06	66.14	4.44	66.14	4.44	66.04	4.44	229	15.39
4	simaura	360.400	24.22	0.00	0.00	48.26	3.24	104.10	7.00	104.10	7.00	103.94	6.98	360	24.22
5	Manpura	956.000	64.24	0.00	0.00	128.03	8.60	276.13	18.56	276.13	18.56	275.71	18.53	956	64.24
6	chhiriya Khurd	566.344	38.06	0.00	0.00	75.84	5.10	163.58	10.99	163.58	10.99	163.33	10.98	566	38.06
7	Kusmara	600.356	40.34	0.00	0.00	80.40	5.40	173.41	11.65	173.41	11.65	173.14	11.63	600	40.34
<b>Total</b>		<b>4098.000</b>	<b>275.39</b>	<b>0.00</b>	<b>0.00</b>	<b>548.80</b>	<b>36.88</b>	<b>1183.67</b>	<b>79.54</b>	<b>1183.67</b>	<b>79.54</b>	<b>1181.86</b>	<b>79.42</b>	<b>4098.00</b>	<b>275.39</b>

## ANNUAL ACTION PLAN of Budget Components of IWMP-XIX JALAUN

S. No.	Physical And Financial Target (Fin in lacs)	Unit	Ist Year		IIInd Year		IIIrd Year		IVth Year		Vth Year		Total	
			2011-12		2012-13		2013-14		2014-15		2015-16			
			Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy
1	Administration		2.46		7.38		13.28		13.28		12.79		49.18	
2	Monitoring				0.98		0.98		0.98		1.97		4.92	
3	Evaluation				1.48		0.86		0.86		1.72		4.92	
4	<b>Entry Point Activities</b>													
	<b>Planned</b>													
	No. of Activities	No.	19.67	16										19.67
	No. of Beneficiaries	No.		368										
	<b>Executed</b>													
	No. of Activities	No.	19.67	16										19.67
	No. of Beneficiaries	No.		368										
5	<b>Institutional &amp; Capacity Building</b>													
	<b>No. of Persons to be Trained</b>													
	SLNA Level	No.												
	District Level	No.												
	PIA	No.		15		36		12		16		14		93
	WDT Level	No.		4		5		4		4		5		22
	SHG	No.		60		125		80		100		100		465
	User Groups	No.		75		200		120		135		120		650
	WC Level	No.		45		100		75		75		65		360
	<b>Total</b>		<b>199</b>		<b>466</b>		<b>291</b>		<b>330</b>		<b>304</b>		<b>1590</b>	
	<b>No. of Total Persons Trained</b>	<b>No. of stake holder</b>												
	SLNA Level		0.49		0.59		0.30		0.30		0.49		2.16	
	District Level		0.49		1.97		0.84		0.84		0.49		4.62	
	PIA		0.30	45	1.95	144	0.51	48	0.51	32	0.30	28	3.56	297
	WDT Level		0.15	16	0.97	50	0.26	16	0.26	16	0.15	20	1.78	118
	SHG		0.37	60	2.43	375	0.64	80	0.64	100	0.37	100	4.45	715
	User Groups		0.44	75	2.92	400	0.90	120	0.90	135	0.44	120	5.60	850
	WC Level		0.22	45	1.46	200	0.26	75	0.26	75	0.22	65	2.41	460
	<b>Sub Total</b>		<b>2.46</b>	<b>241</b>	<b>12.29</b>	<b>1169</b>	<b>3.69</b>	<b>339</b>	<b>3.69</b>	<b>358</b>	<b>2.46</b>	<b>333</b>	<b>24.59</b>	<b>2440</b>

S. No.	Physical And Financial Target (Fin in lacs)	Unit	Ist Year		IInd Year		IIIrd Year		IVth Year		Vth Year		Total	
			2011-12		2012-13		2013-14		2014-15		2015-16			
			Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy
6	DPR Preparation		4.92										4.92	
7	<b>Watershed Development Works</b>													
	<b>Land Development</b>													
	Afforestation (on wasteland)	ha												
	Afforestation (on total land)	ha												
	Horticulture (on wasteland)	ha	0.00	0.00	0.42	0.00	0.90	0.00	0.90	0.00	0.90	0.00	3.11	0.00
	<b>Sub Total</b>		<b>0.00</b>	<b>0.00</b>	<b>0.42</b>	<b>0.00</b>	<b>0.90</b>	<b>0.00</b>	<b>0.90</b>	<b>0.00</b>	<b>0.90</b>	<b>0.00</b>	<b>3.11</b>	<b>0.00</b>
	<b>Soil And Moisture Conservation</b>													
	1. Field Bund	ha												
	2. Contour Bund	ha	0.00	0.00	1.16	29.43	2.49	63.48	2.49	63.48	2.49	63.38	8.63	219.77
	3. Marginal Bund	ha	0.00	0.00	1.63	22.81	3.51	49.19	3.51	49.19	3.50	49.12	12.14	170.31
	4. Sub Marginal Bund	ha	0.00	0.00	20.07	313.67	43.28	676.53	43.28	676.53	43.21	675.50	149.83	2342.24
	5. Peripheral Bunds	ha	0.00	0.00	7.42	108.27	16.01	233.51	16.01	233.51	15.99	233.16	55.43	808.45
	Others/ Ponds	ha												
	<b>Sub Total</b>		<b>0.00</b>	<b>0.00</b>	<b>30.27</b>	<b>474.18</b>	<b>65.29</b>	<b>1022.72</b>	<b>65.29</b>	<b>1022.72</b>	<b>65.19</b>	<b>1021.16</b>	<b>226.03</b>	<b>3540.77</b>
	<b>Water Harvesting Structure ( New Created)</b>													
	Farm Ponds	nos												
	Check dams	ha	0.00	0.00	1.35	16.51	2.91	35.62	2.91	35.62	2.90	35.56	10.06	123.31
	Water Harvesting Bund	nos	0.00	0.00	2.95	35.08	6.37	75.66	6.37	75.66	6.36	75.55	22.05	261.96
	Gully Plug	nos	0.00	0.00	1.89	23.03	4.08	49.67	4.08	49.67	4.08	49.59	14.13	171.96
	Ground water recharge structures	nos												
	Others	nos												
	<b>Sub Total</b>		<b>0.00</b>	<b>0.00</b>	<b>6.19</b>	<b>74.62</b>	<b>13.36</b>	<b>160.95</b>	<b>13.36</b>	<b>160.95</b>	<b>13.34</b>	<b>160.71</b>	<b>46.24</b>	<b>557.23</b>

S. No.	Physical And Financial Target (Fin in lacs)	Unit	Ist Year		IInd Year		IIIrd Year		IVth Year		Vth Year		Total	
			2011-12		2012-13		2013-14		2014-15		2015-16			
			Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy
	c. Water Harvesting Structure (Storage Capacity of New Structure)													
	Farm Ponds	Cubic meter												
	Check dams	Cubic meter	0	0	9	2147	18	4630	18	4630	18	4623	64	16029
	Water Harvesting Bund	Cubic meter	0	0	4	3401	8	7336	8	7336	8	7325	29	25398
	Gully Plug	Cubic meter	0	0	2	2125	5	4584	5	4584	5	4577	18	15870
	Ground water recharge structures	Cubic meter												
	Others	Cubic meter												
	<b>Grand Total</b>		<b>0.00</b>	<b>0.00</b>	<b>36.88</b>	<b>548.80</b>	<b>79.54</b>	<b>1183.67</b>	<b>79.54</b>	<b>1183.67</b>	<b>79.42</b>	<b>1181.86</b>	<b>275.39</b>	<b>4098.00</b>
<b>8</b>	<b>Livelihood Activities Through SHGs</b>													
	<b>1. Activity General Merchant Shop</b>													
	a) No. of SHG's		0.00	0	0.75	3	1.50	6	1.75	7	2.25	9	6.25	25
	b) No. of Member's													
	<b>2. Activity Goat Rearing</b>													
	a) No. of SHG's		0.00	0	0.88	4	1.32	6	1.76	8	1.98	9	5.94	27
	b) No. of Member's													
	<b>3. Activity Carpentry</b>													
	a) No. of SHG's		0.00	0	0.30	2	1.05	7	1.05	7	1.20	8	3.60	24
	b) No. of Member's													
	<b>4. Activity Dairy</b>													
	a) No. of SHG's		0.00	0	0.50	2	1.50	6	1.50	6	1.50	6	5.00	20
	b) No. of Member's													

S. No.	Physical And Financial Target (Fin in lacs)	Unit	Ist Year		IIInd Year		IIIrd Year		IVth Year		Vth Year		Total	
			2011-12		2012-13		2013-14		2014-15		2015-16			
			Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy
	<b>5. Activity Sewing</b>													
	a) No. of SHG's		0.00	0	0.40	2	1.00	5	1.20	6	1.40	7	<b>4.00</b>	<b>20</b>
	b) No. of Member's													
	<b>6. Activity Poultry</b>													
	a) No. of SHG's		0.00	0	0.30	2	1.20	8	0.75	5	1.05	7	<b>3.30</b>	<b>22</b>
	b) No. of Member's													
	<b>7. Activity Repairing of Pumping Set Engine/Implements</b>													
	a) No. of SHG's		0.00	0	0.50	2	1.50	6	1.25	5	1.75	7	<b>5.00</b>	<b>20</b>
	b) No. of Member's													
	<b>8. Activity Black Smithy</b>													
	a) No. of SHG's		0.00	0	0.30	2	0.75	5	0.75	5	0.90	6	<b>2.70</b>	<b>18</b>
	b) No. of Member's													
	<b>9. Activity Vermi Compost</b>													
	a) No. of SHG's		0.00	0	0.50	2	1.25	5	1.25	5	1.25	5	<b>4.25</b>	<b>17</b>
	b) No. of Member's													
	<b>Others (Revolving Fund)</b>		0.00		0.49		1.22		1.03		1.47		<b>4.22</b>	
	<b>Sub Total</b>		<b>0.00</b>	<b>0</b>	<b>4.92</b>	<b>21</b>	<b>12.29</b>	<b>54</b>	<b>12.29</b>	<b>54</b>	<b>14.75</b>	<b>64</b>	<b>44.26</b>	<b>193</b>
<b>9</b>	<b>Production System &amp; Micro – Enterprises</b>													
	<b>Agriculture</b>													
	<b>a) Crop Demonstration</b>													
	1. No. of Demo.	nos	0.00	0	3.16	27	7.01	61	6.49	52	9.72	82	<b>26.38</b>	<b>222</b>
	2. Area	ha				10.80		24.40		20.80		32.80		<b>88.80</b>
	<b>b) Horticulture</b>		0.00	0	0.30	2	0.60	4	0.90	6	1.35	9	<b>3.15</b>	<b>21</b>
	<b>c) Nursery</b>		0.00	0	0.66	3	0.88	4	1.10	5	2.20	10	<b>4.84</b>	<b>22</b>

S. No.	Physical And Financial Target (Fin in lacs)	Unit	Ist Year		IInd Year		IIIrd Year		IVth Year		Vth Year		Total	
			2011-12		2012-13		2013-14		2014-15		2015-16			
			Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy
	d) Animal Husbandry		0.00	0	0.20	1	1.00	5	1.20	6	2.20	11	4.60	23
	e) Mini Dal / Mini Flour Mill		0.00	0	0.00	0	1.60	4	1.60	4	2.40	6	5.60	14
	f) Seed Distribution		0.00	0	0.60	3	1.20	6	1.00	5	1.80	9	4.60	23
	Sub Total		0.00	0	1.76	9	5.28	23	5.80	26	9.95	45	22.79	103
	Total		0.00		4.92		12.29		12.29		19.67		49.18	
10	Consolidation & Withdrawal Phase Activities										14.75		14.75	
	Grand Total		29.51	0.00	68.85	548.80	122.94	1183.67	122.94	1183.67	147.52	1181.86	491.76	4098.00

# **CHAPTER -8**

# **CONSOLIDATION / EXIT STRATEGY**

## **WATERSHED DEVELOPMENT FUND**

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

## **USER CHARGES**

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

## **SUSTAINABILITY AND ENVIRONMENT SECURITY**

In the proposed watershed management plan of IWMP-XIX Jalaun watershed, proper blending of bio engineering measures will be applied on 56% of the total watershed area. Based on the results of studies conducted in this region, it is estimated that more 50% of the watershed area will be treated and consequently the soil loss and runoff from the area is expected to be reduced by 70% and 65% respectively. The proposed land use plan will improve the land utilization index and crop diversification index significantly as compared to the existing one. It will help in maintaining ecosystem integrity on sustained basis along with improving the livelihood security of the farming community.

## **ECONOMIC ANALYSIS**

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

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

## **AGRICULTURE**

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

# **CHAPTER -9**

# **EXPECTED OUTCOME**

## **ABSTRACT OF OUTCOMES**

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

### **SUMMARY OF EXPECTED /ESTIMATED OUTCOMES OF IWMP-XIX of District- Jalaun (2011-12)**

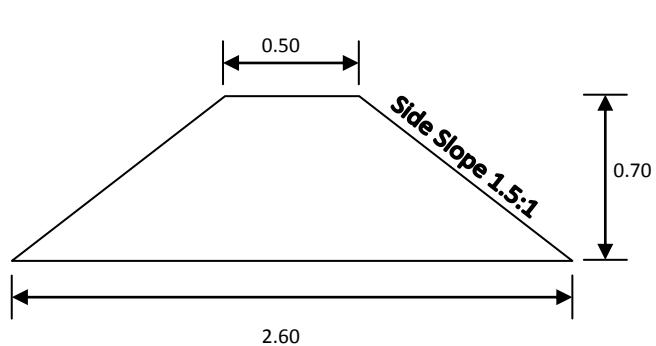
<b>S. No.</b>	<b>Project Outcome Details</b>	<b>Pre Project</b>	<b>Expected Post Project</b>
1	Cropped Area (ha):	6420.92	6480.00
2	Net Sown Area(ha):	6257.00	7020.00
3	Area of land to which irrigation facility created(ha)	2322.92	2380.00
4	No. of Revenue Records Updated	-	-
5	No. of Beneficiaries(Small Farmers)	5383	
6	No. of Beneficiaries(Marginal Farmers)	4898	
7	No. of Beneficiaries(Landless)	1557	
8	No. of Beneficiaries(BPL)	1557	
9	Total No. of Employment Generated(Persondays)	229500	
10	No. of Persondays Migrated from Project Area	22569	
11	Pre-Monsoon Depth of Ground Water (meters below ground level)	15.20	12.10

## **Chapter-10**

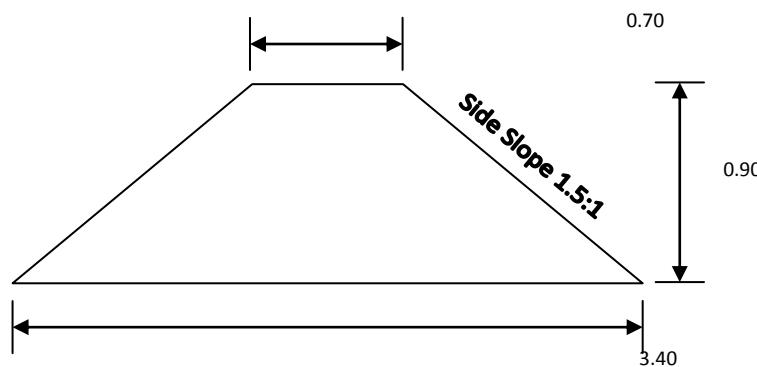
# **COST NORMS & DESIGN OF STRUCTURE PROPOSED**

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

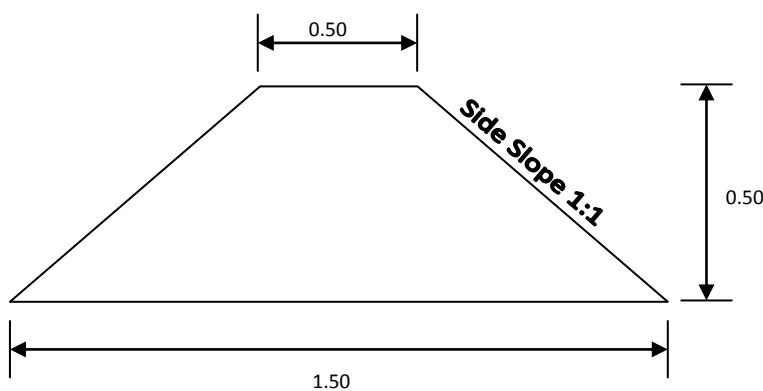
(Not to Scale)



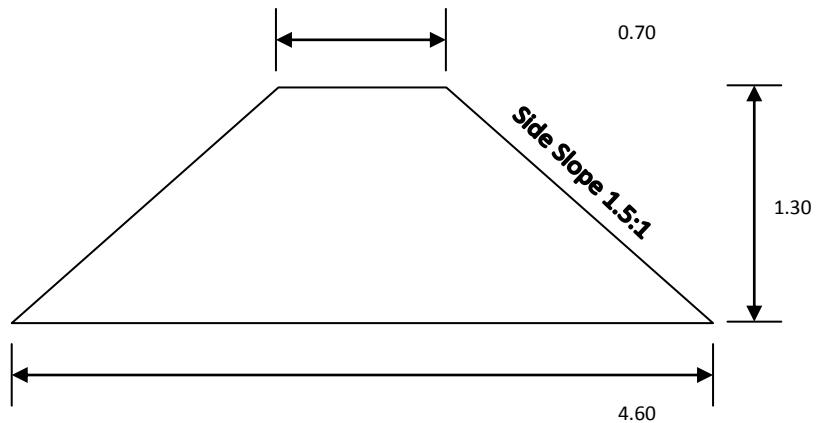
(C.B., Cross-Section –  $1.085 \text{ m}^2$ )



(S.B., Cross-Section –  $1.845 \text{ m}^2$ )



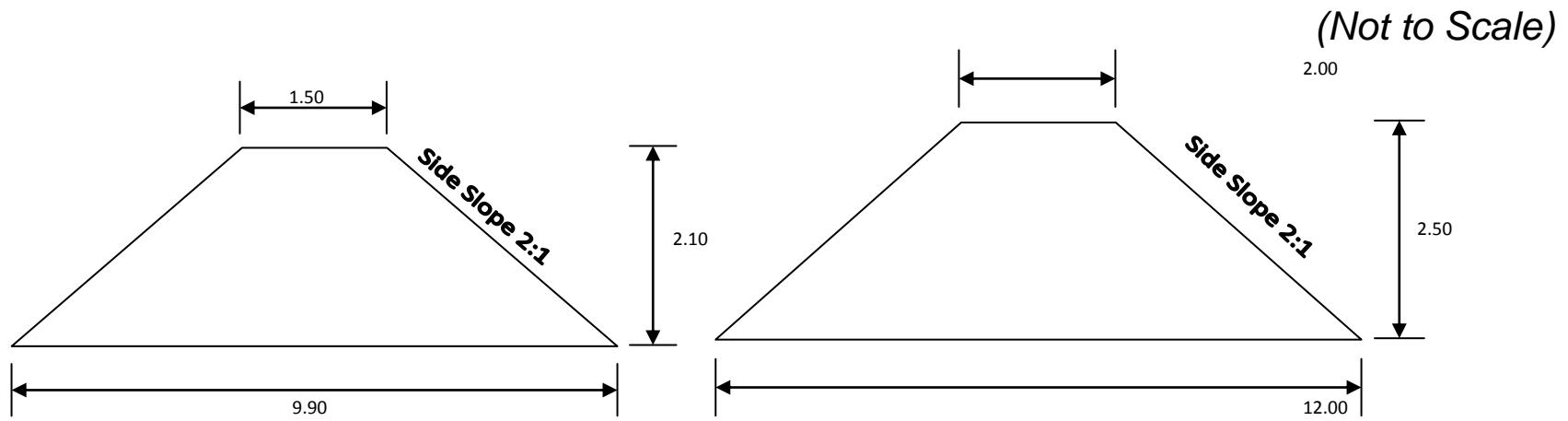
(Field Bund, Cross-Section –  $0.50 \text{ m}^2$ )



(S.B. / P.B. / M.B., Cross-Section –  $3.445 \text{ m}^2$ )

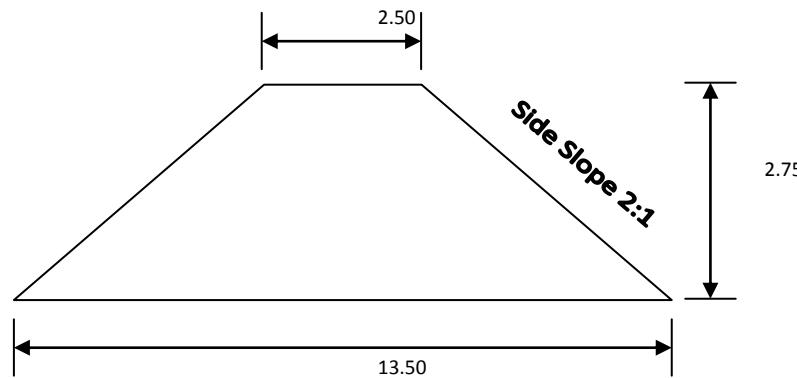
(All dimensions in Meter)

## DRAWING OF EARTHEN CHEKDM / GULLY PLUG



(C.D. /G.P., Cross-Section – 11.97 m<sup>2</sup>)

(C.D. /G.P., Cross-Section – 17.50 m<sup>2</sup>)



(W.H.B., Cross-Section – 22.00 m<sup>2</sup>)

**(All dimensions in Meter)**

## DESIGN OF CONTOUR BUND

Type of Soil	-Loam, Sandy Loam
Rain fall	-24 hr in cm -25 cm
Field Stop -1%	
Vertical Interval (VI)	= $[s/3+2] \times 0.3$ = $[1/3+2] \times 0.3$ = 0.70 m
Horizontal Interval (HI)	= $100 \times V.I/s$ = $100 \times 0.7/1$ = $\sqrt{(Re \times VI)/50}$ Re=maximum rainfall in cm = $\sqrt{(25 \times 0.7)/50}$ = $\sqrt{0.35}$ <b>= 0.59</b> <b>Say 0.60 m</b>
Free board	=15% of height minimum -10 cm
Height	= 0.60 + 0.10 = 0.70 m
Taking top width of bund 0.50 m and side slope 1.5:1	
Then base of Bund	= $0.50 + (1.50 d) \times 2$ = 2.60 m
Cross-Section of bund	= $(0.50 + 2.60) \times 0.70 / 2$ = 1.085 m <sup>2</sup>
Length of bund	= $100 s / V.I.$ = $100 \times 1 / 0.70$ <b>= 142.85 m/ha</b> <b>Say 150 m/ha</b>
Earth work/ha	= $150 \times 1.085$ = 162.75 cum
Cost Rs. / ha	= $162.75 \times 39.16 = 6373.29$ <b>Say 6375.00</b>

(127 )

## DESIGN OF SUBMERGENCE BUND

Types of soil – -Loam, Sandy Loam	Rainfall intensity for 24 hrs – 25cm
Field slope 3%	$V.I. = [s/3+2] \times 0.30$ = 0.90 m
Horizontal Interval = $(100 \times V.I.) / s$	= $(100 \times 0.90) / 3$ = 30 m
Height of bund $h = \sqrt{(R_e \times V.I.) / 50}$	= $\sqrt{(25 \times 0.90) / 50} = \sqrt{0.45} = 0.67 \text{ m. Say } 0.70 \text{ m}$
Free board 20% of height minimum 20cm	
Total Height	= 0.90m
Taking top width of bund 0.70m and side slope 1.5:1	
Bottom of bund	= $0.70 + 2 \times 1.5d$ = 0.70 + 2.70 = 3.40
Cross Section of Submergence Bund	= $(0.70 + 3.40) \times 0.90 / 2$ = $1.845 \text{ m}^2$
Length of bund	= $100 s / V.I.$ = $(100 \times 3) / 0.90$ = 333 m
Feasible length	100 + 25 + 25 = 150 m
Earth work/ha	= $150 \times 1.845$ = 276.75
Cost per ha	= $276.75 \times 39.16$ = 10,837.53 <b>Say 10,850=00</b>

### **TYPICAL SECTION OF FIELD BUND**

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

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

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

### **TYPICAL SECTION OF EARTHEN CHECK DAM / GULLY PLUG**

Top width	= 1.50 m
Side slope	= 2:1
Height	= 2.10m
Bottom Width	= 9.90 m
Cross section	= $(1.50 + 9.90) \times 2.10 / 2$ = 11.97 m <sup>2</sup>
Cost per meter	= Rs. 551.45

### **TYPICAL SECTION OF CHECK DAM / GULLY PLUG**

Top width	= 2.00m
Side slope	= 2:1
Height	= 2.50 m
Bottom Width	= 12.00 m
Cross Section	= $(2.00 + 12.00) \times 2.50 / 2$ = 17.50 m <sup>2</sup>
Cost /meter	= Rs. 839.12

## **TYPICAL SECTION OF W.H.B**

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

# **CHAPTER -11**

# **MAPS**

# **MAPS**

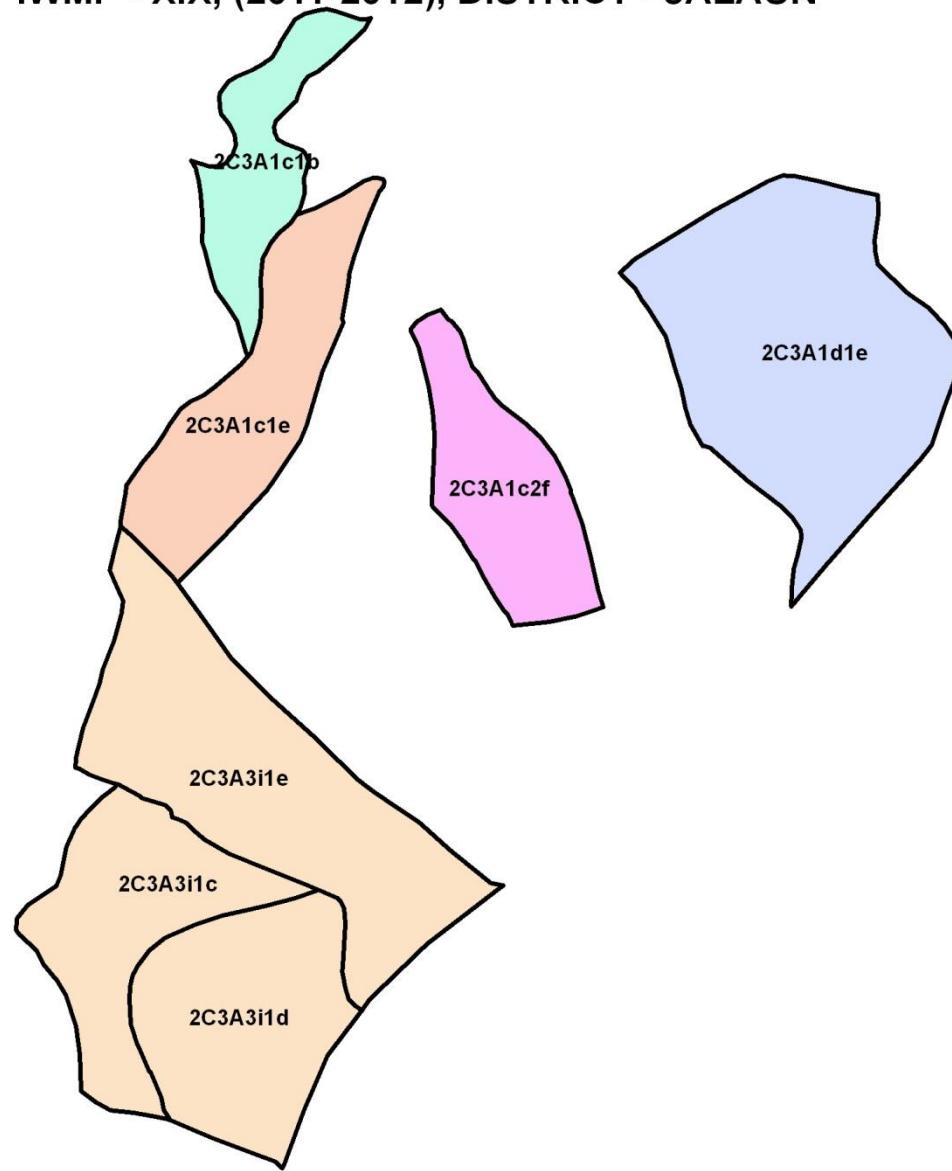
An attempt has been to map the surface details of the project area, as per the instruction of the common Guide lines-2008, All the thematic maps of the study area have been prepared through using remote sensing and geographical information system(G.I.S.) technique, following the fundamental norms of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

1. Project Map
2. Drainage Map
3. Land use/ Land cover Map
4. Counter Map
5. Slope Map
6. Soil Erosion Map
7. Cadastral Map
8. Action Plan- 2C3A1c1e/ Atrauli (Parawar), 2C3A1d1e/ Bangra, 2C3A1c1b/ Gopalpura, 2C3A3i1e/ Kusmara, 2C3A1c2f/ Maragpura, 2C3A3i1c/ Simora

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

THE MAP OF THE PROJECT AREA  
IWMP - XIX, (2011-2012), DISTRICT - JALAUN

N



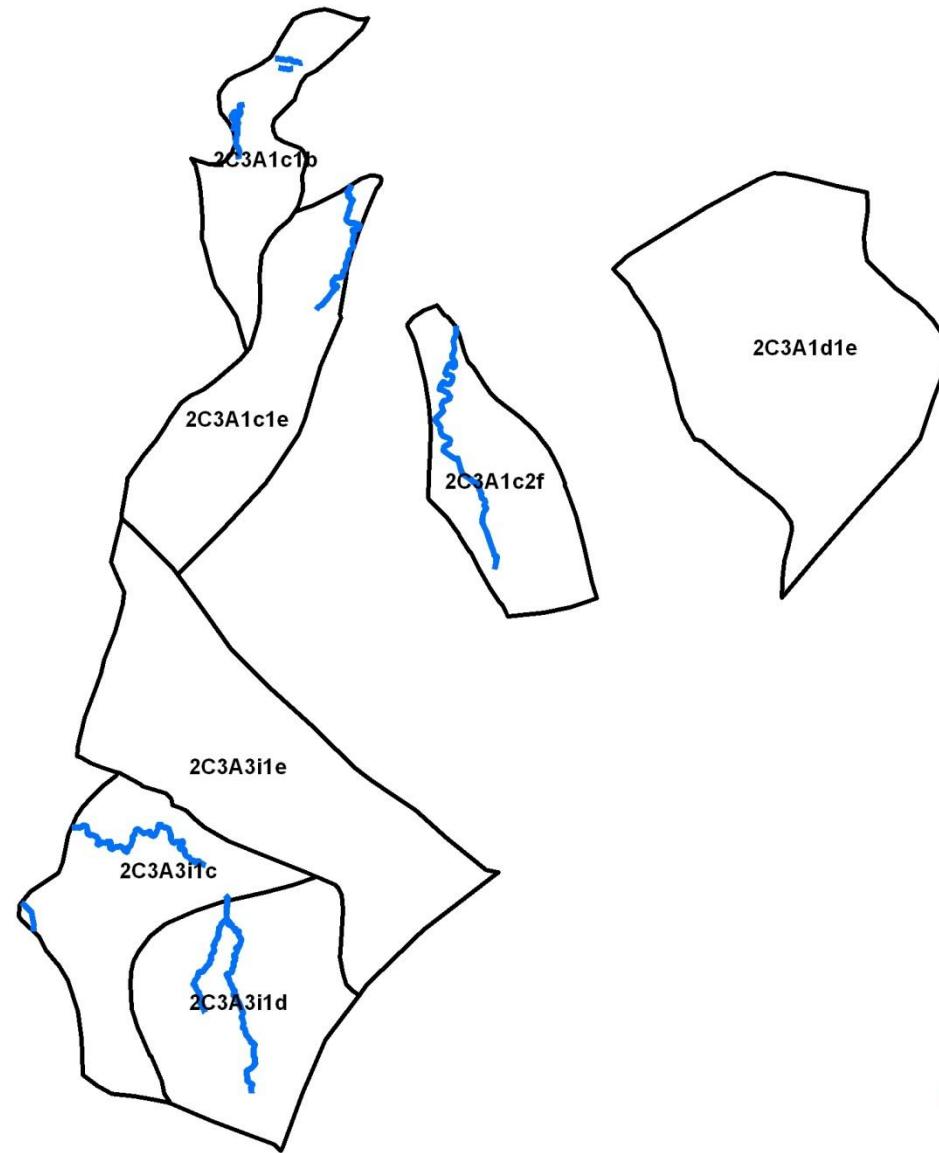
Legend

WATERSHAD BOUNDARY

0 750 1,500 3,000 4,500 6,000 Meters

## DRAINAGE MAP OF THE PROJECT AREA IWMP - XIX, (2011-2012), DISTRICT - JALAUN

N

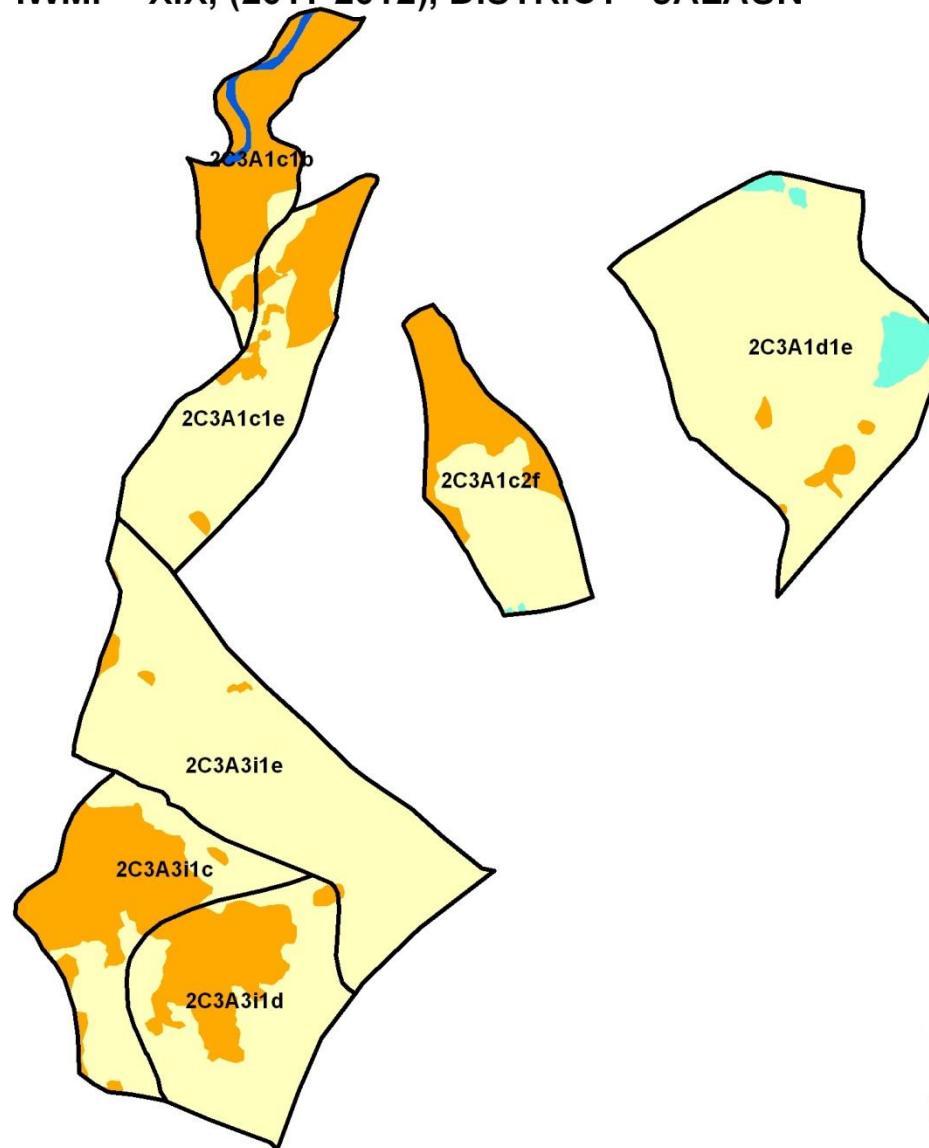


### Legend

- WATERSHAD BOUNDARY
- DRAINAGE

**LANDUSE/LANDCOVER MAP OF THE PROJECT AREA  
IWMP - XIX, (2011-2012), DISTRICT - JALAUN**

N



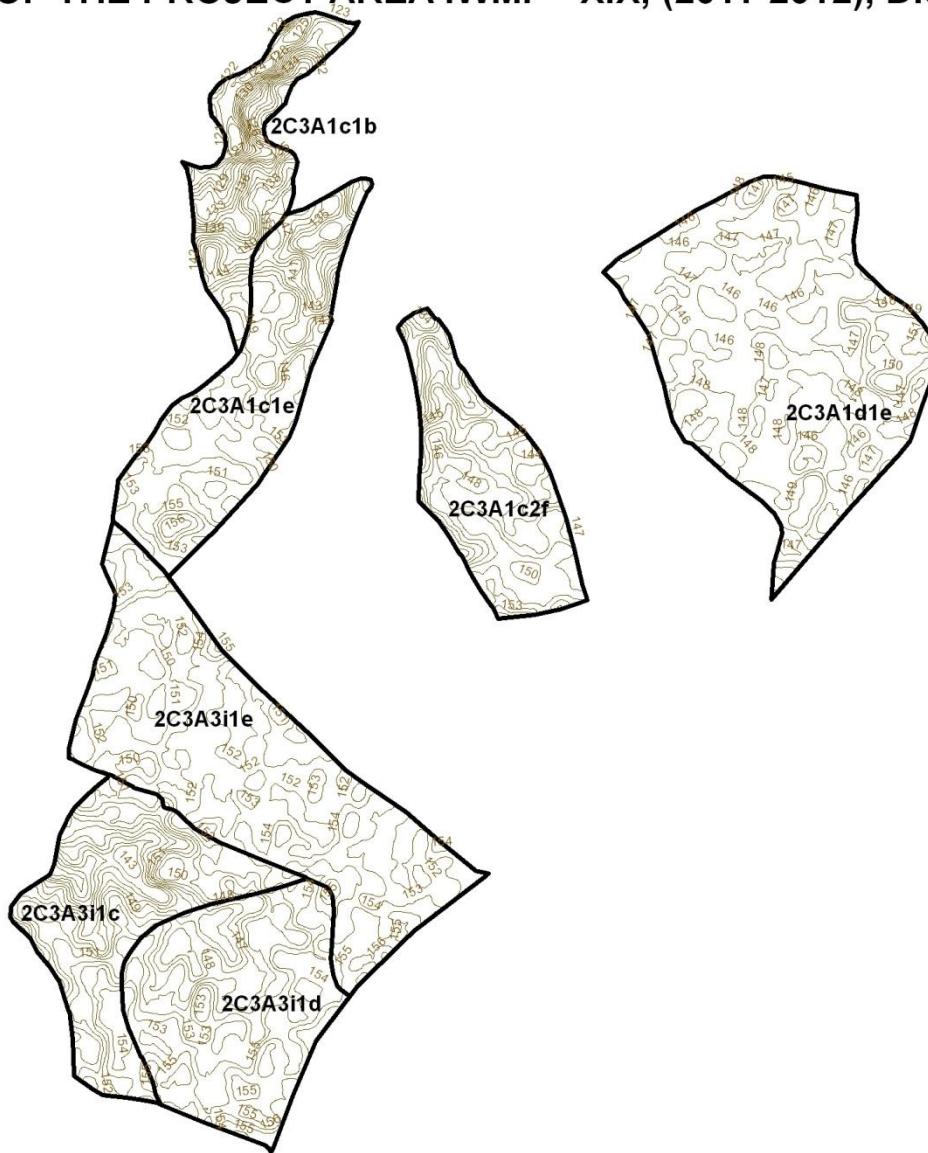
**Legend**

WATERSHAD BOUNDARY
LANDUSE/LANDCOVER TYPE
AGRICULTURAL LAND
BUILT_UP
WASTE LAND
WATERBODIES

0 750 1,500 3,000 4,500 6,000 Meters

# CONTOUR MAP OF THE PROJECT AREA IWMP - XIX, (2011-2012), DISTRICT - JALAUN

N



## Legend

- [White square] WATERSHAD BOUNDARY
- [Purple square] CONTOUR\_1M

0 750 1,500 3,000 4,500 6,000 Meters

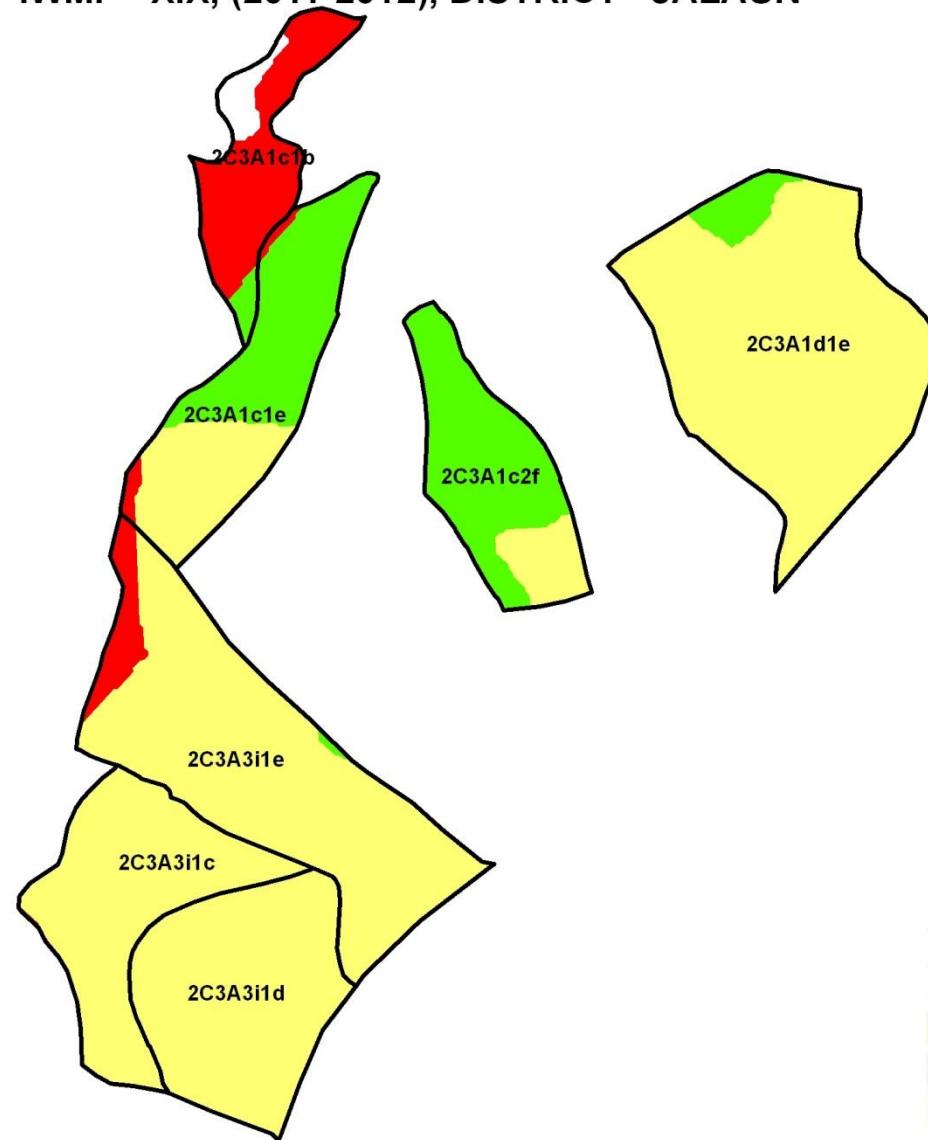
SLOPE MAP OF THE PROJECT AREA IWMP - XIX, (2011-12),  
DISTRICT - JALAU (UTTAR PRADESH)

N



**SOIL EROSION MAP OF THE PROJECT AREA  
IWMP - XIX, (2011-2012), DISTRICT - JALAUN**

N



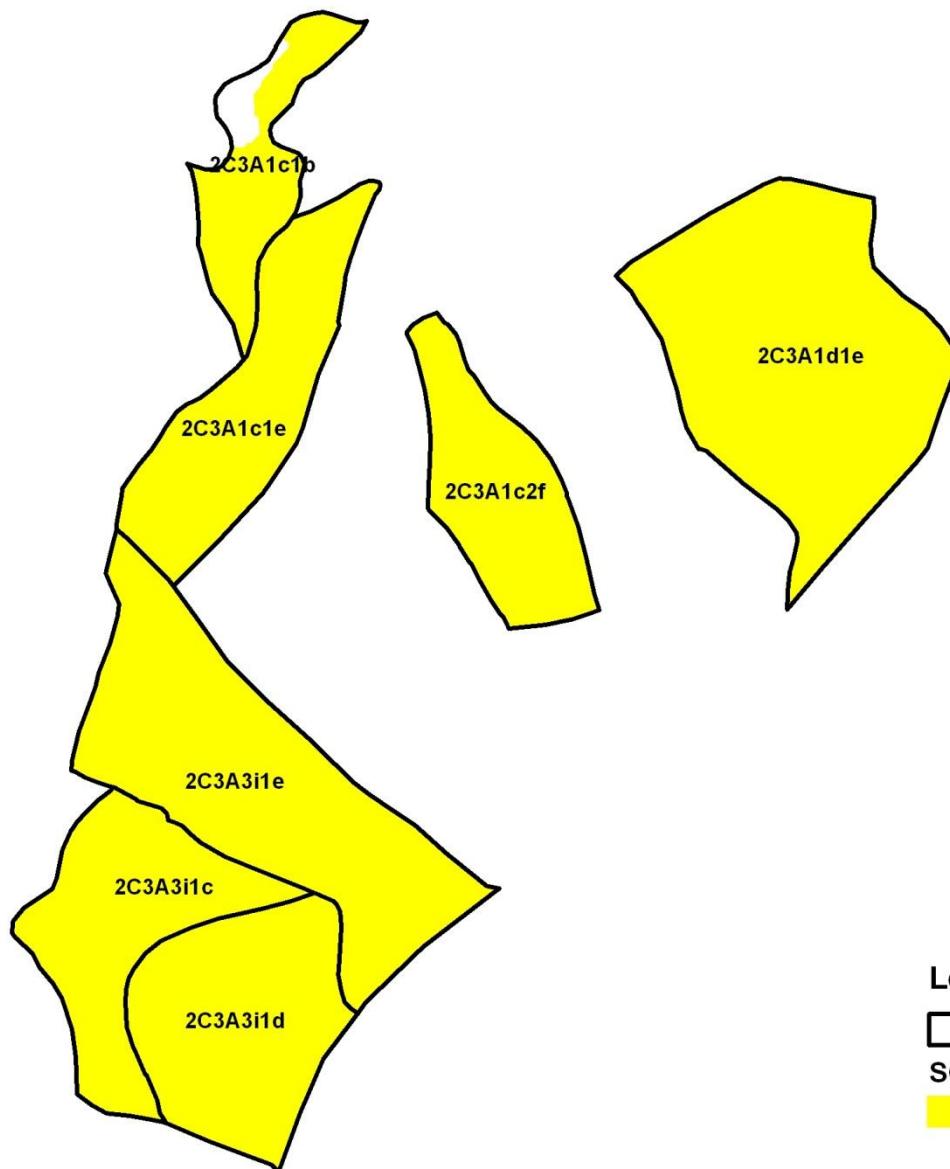
**Legend**

- WATERSHAD BOUNDARY** (Black line)
- SOIL EROSION TYPE**
  - MODERATE EROSION** (Green)
  - SEVERE EROSION** (Red)
  - SLIGHT EROSION** (Yellow)

0 750 1,500 3,000 4,500 6,000 Meters

# SOIL DEPTH MAP OF THE PROJECT AREA IWMP - XIX, (2011-2012), DISTRICT - JALAUN

N



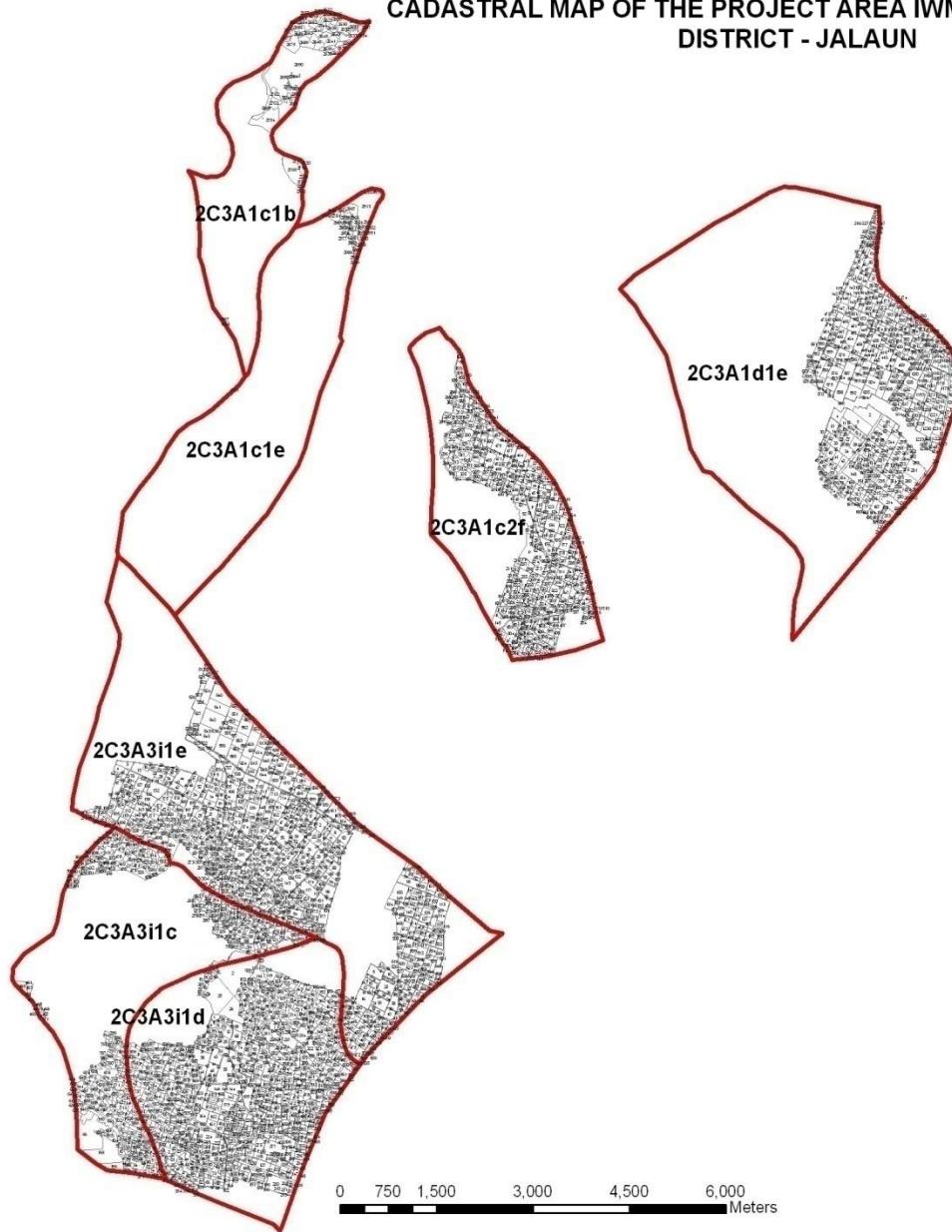
## Legend

- WATERSHAD BOUNDARY
- SOIL DEPTH TYPE
  - DEEP

0 750 1,500 3,000 4,500 6,000 Meters

CADASTRAL MAP OF THE PROJECT AREA IWMP - XIX, (2011-2012),  
DISTRICT - JALAUN

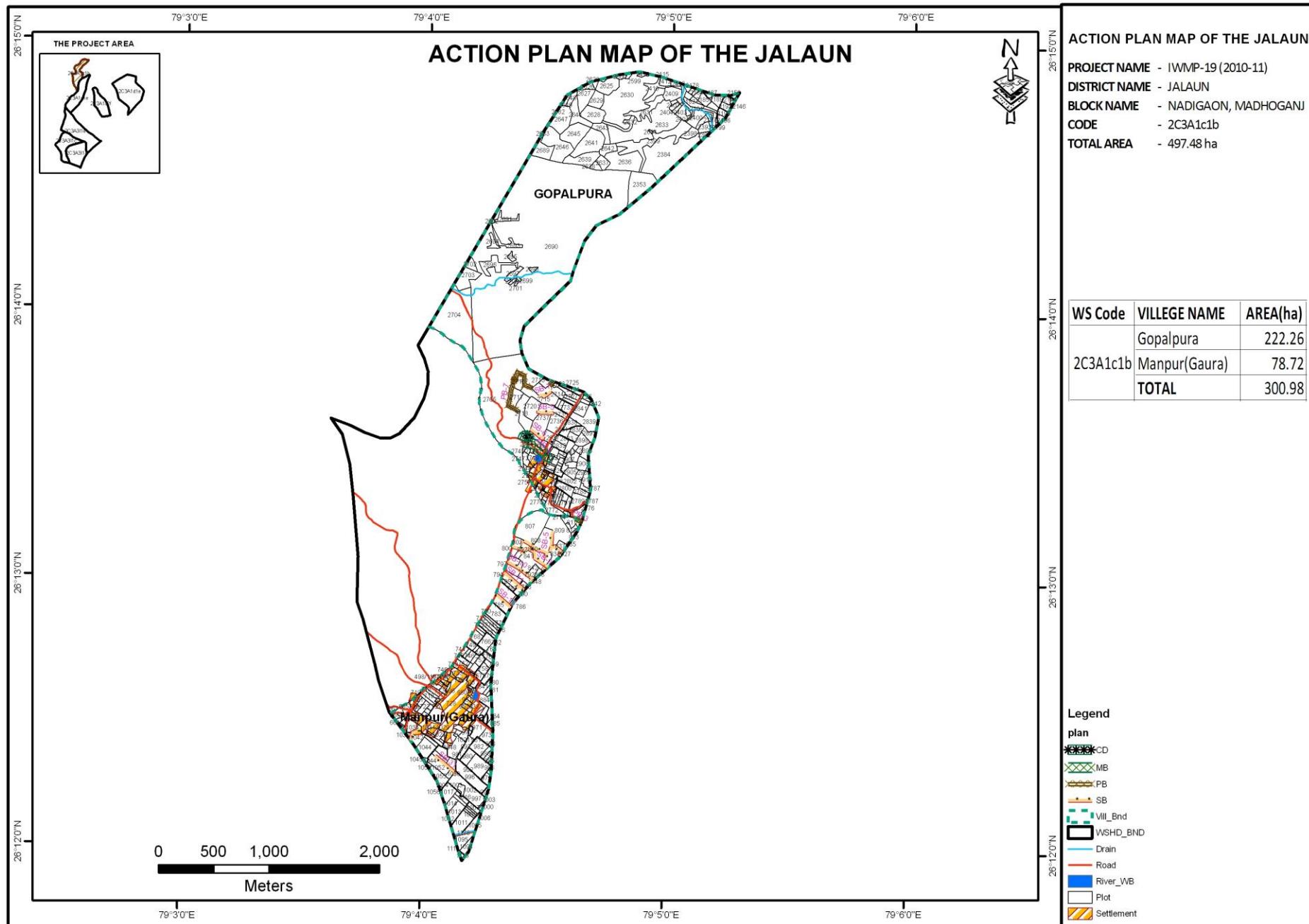
N

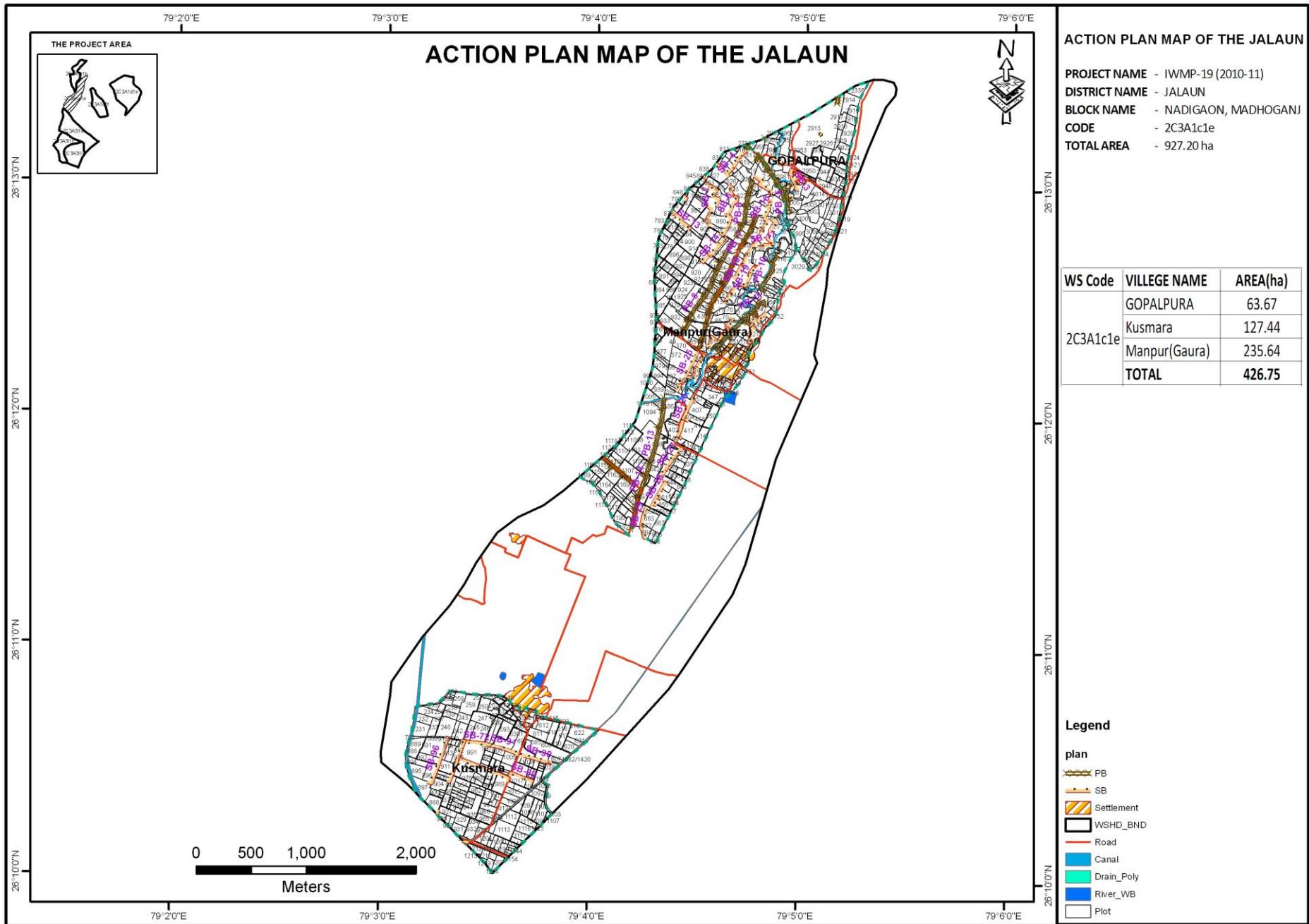


**Legend**

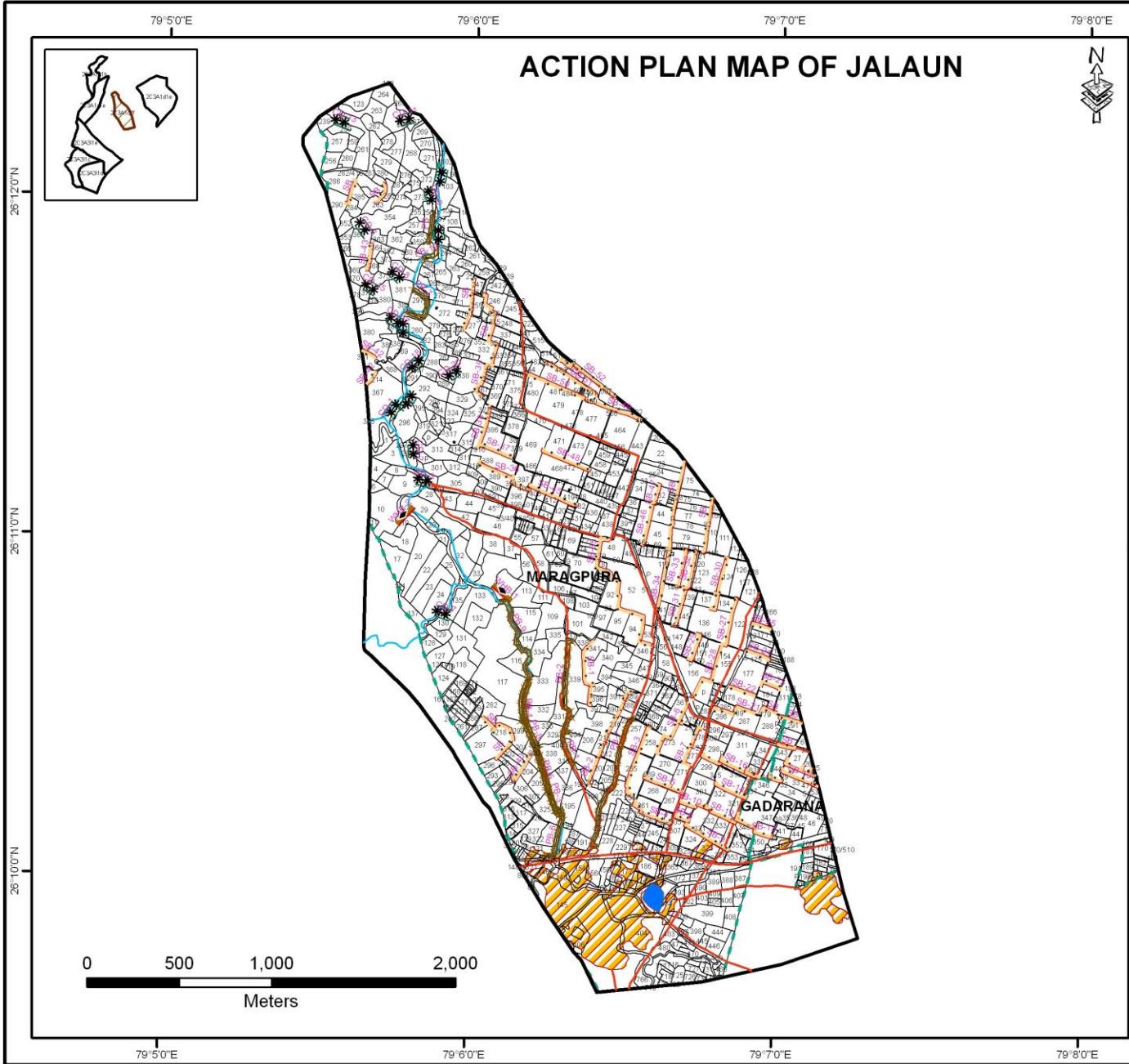
- WATERSHED BOUNDARY
- CADASTRAL\_PLOT

0 750 1,500 3,000 4,500 6,000 Meters





## ACTION PLAN MAP OF JALAUN



### ACTION PLAN MAP OF JALAUN

PROJECT NAME - IWMP- 19 (2010-11)

DISTRICT NAME - JALAUN

BLOCK NAME - NADIGAON

CODE - 2C3A1c2f

TOTAL AREA - 723.20 ha

WS_CODE	LOCATION	AREA (ha)
	GADARANA	26.56
2C3A1c2f	MARAGPURA	638.48
	<b>TOTAL</b>	<b>665.05</b>

#### Legend

##### plan

CD

PB

SB

WHD

Drain

Road

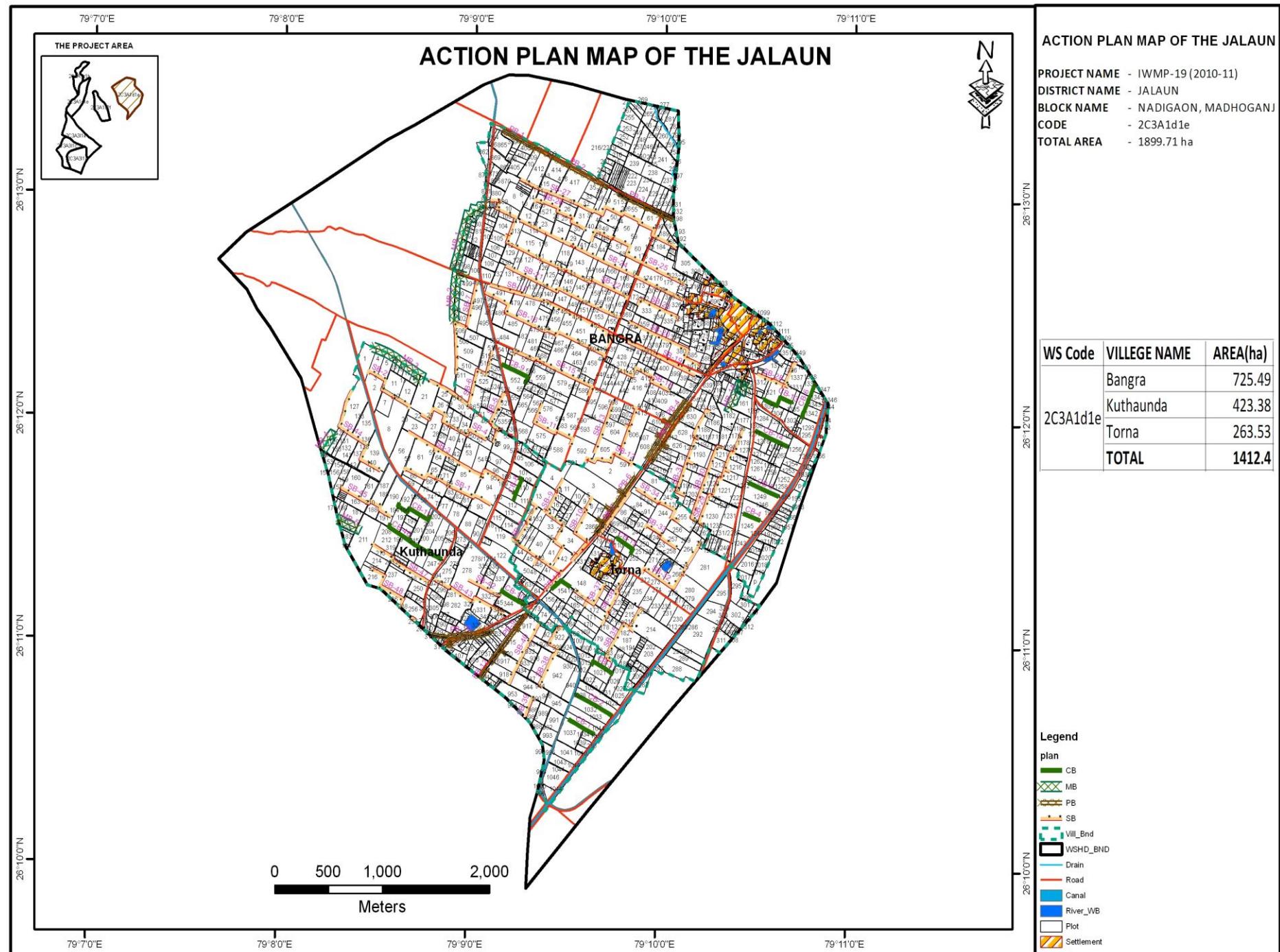
WSHD\_BND

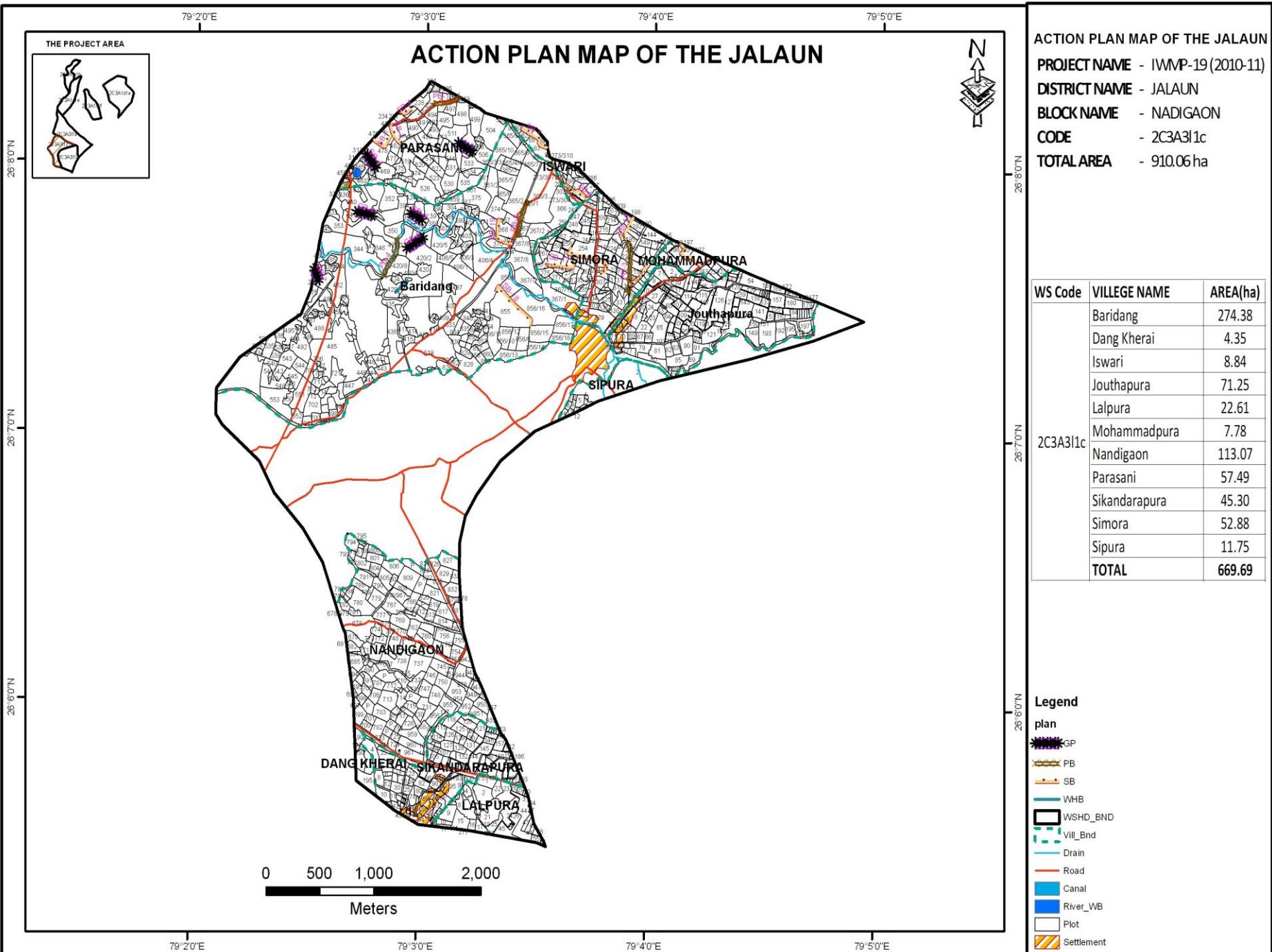
Vill\_Bnd

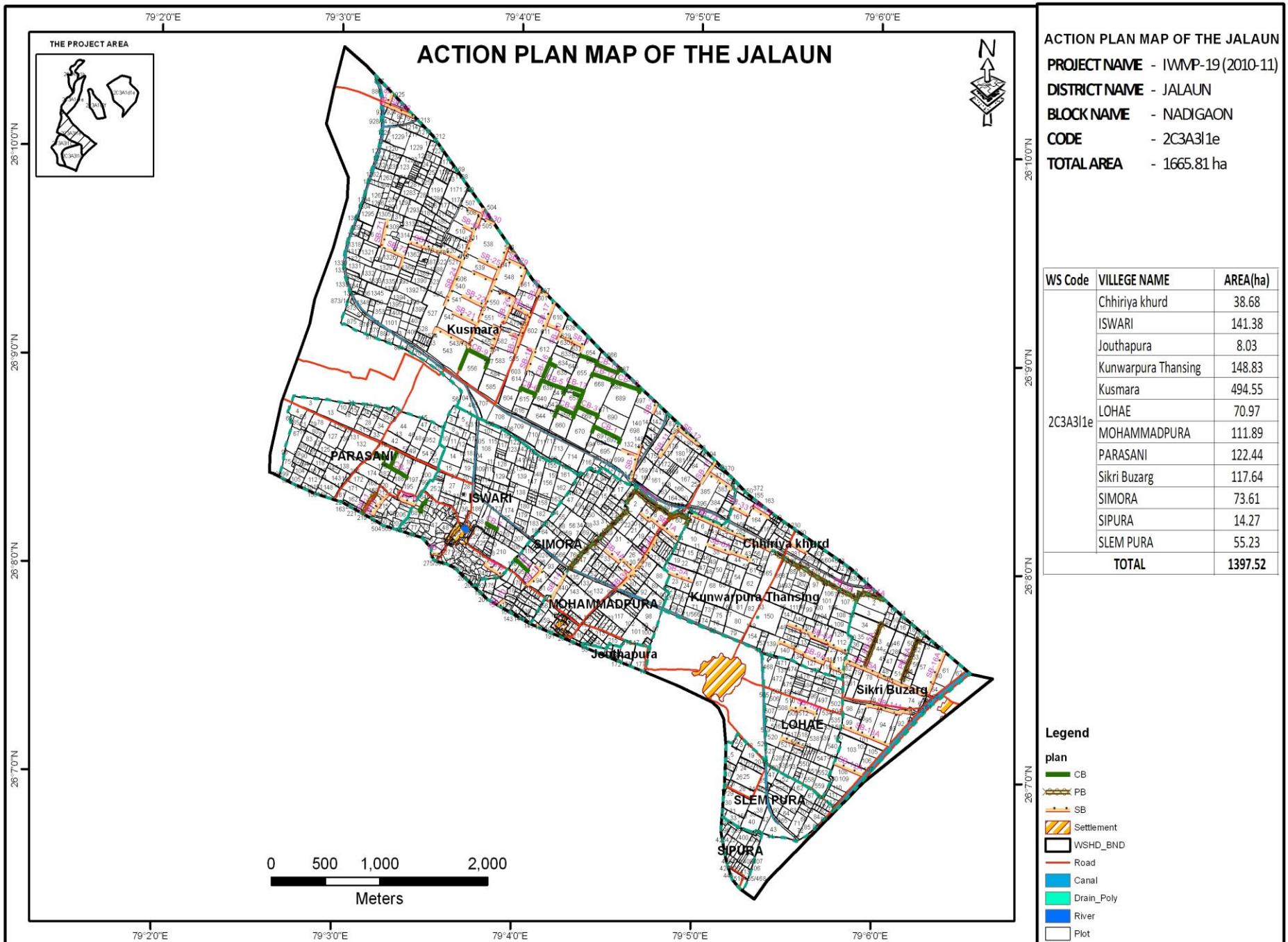
River\_WB

Plot

Settlement







**Anexure-1**

**DETAIL COST ESTIMATE OF WATER SHED WORK OF JALAUN IWMP-XIX**

**MWS NAME - GOPALPURA**

**CODE No – 2C3A1c1b**

**Water Harvesting Bund**

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
1	WHB-1	2696, 2690, 2691, 2692, 2693, 2694 , 2697, 2705, 2706, 2707, 2350	94.92	120	3	27	4	60	7200	58.75	423000	Om Prakash, Ksaran Singh
	<b>Mulching Cost</b>			120*27	3240@3.40/sqm.						11016	
	<b>Dag Welling Cost</b>			120*5	600 m.@0.7 P./mt.						42	
	<b>Pucca Work Cost</b>										209063	
	<b>Total</b>		<b>94.92</b>	<b>120</b>					<b>7200</b>		<b>643121</b>	

**Check Dam**

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
1	CD-1	2738, 2739, 2740, 2737, 2719, 2635, 2736	8.06	50	3	18	3	31.50	1575			Dasrath Singh, Shiv Ram Singh, Ram Bihari
	<b>Old E.W.</b>			20	0.50	3.00	0.50	0.88	17.00			
	<b>Net E.W.</b>				900@3.40/sqm.				1558	51.04	79500	
	<b>Mulching Cost</b>			50*18							3060	
	<b>Dag Welling Cost</b>			50*5	250 m.@0.7 p./m.						17	
	<b>Total</b>		<b>8.06</b>	<b>50</b>					<b>1558</b>		<b>82577</b>	
2	CD-2	2712, 2711, 2713, 2708, 2709	12.00	35	3	18	3	31.50	1102.5	51.04	56272	Sanker, Chtter Pal, Kashi Prasad
	<b>Mulching Cost</b>			35*18	630 sqm.@3.40/sqm.						2142	
	<b>Dag Welling Cost</b>			35*5	175 m.@0.7 P./m.						12	
	<b>Total</b>		<b>12.00</b>						<b>1102.5</b>		<b>58426</b>	

### Marginal Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
1	MB-1	2611, 2610, 2609, 2612, 2613, 2614	7.29	480	1.00	4.75	1.25	3.60	1728	41.21	71211	Sobern
2	MB-2	2592, 2607-2609, 2620, 2621, 2614	15.49	552	1.00	4.75	1.25	3.60	1987	41.21	81893	Heth Singh
3	MB-3	2743, 2746, 2749	5.06	229	1.00	4.75	1.25	3.60	824	41.21	33974	Gopi Charan
<b>Net Total</b>			<b>27.84</b>	<b>1261</b>					<b>4539</b>		<b>187077</b>	

### Peripheral Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
1	PB-1	2577, 2578, 2579, 2580, 282	4.17	274	0.60	3.90	1.10	2.475	678	41.21	27947	Atval Singh
2	PB-2	2617, 2622, 2654, 2650-2652, 2649	7.64	503	0.60	3.90	1.10	2.475	1244	41.21	51303	Heth Singh
3	PB-3	2655, 2618, 2617, 2616, 2656	8.14	320	0.60	3.90	1.10	2.475	792	41.21	32638	Heth Singh, Vimla
4	PB-4	2351	10.29	466	1.00	4.75	1.25	3.60	1677	41.21	69134	Ksaran Singh
5	PB-5	2708, 2711, 2710, 2724	4.12	206	0.60	3.90	1.10	2.475	510	41.21	21011	Chetter Pal, Kashi Prasad
6	PB-6	2711, 2723, 2722, 2724, 2725, 2726	5.55	366	0.60	3.90	1.10	2.475	906	41.21	37330	Kashi Prasad, Mani Ram
7	PB-7	2715-2718, 2720, 2724, 2712	12.80	580	1.00	4.75	1.25	3.60	2088	41.21	86046	Shiv Dayal, Kishun Prasad
<b>Sub Total</b>			<b>52.71</b>	<b>2715</b>					<b>7896</b>		<b>325410</b>	
<b>Pucca Work</b>											<b>28782</b>	
<b>Net Total</b>											<b>354192</b>	

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
1	SB-1	2559, 2569, 2570, 2543	6.25	412	0.60	3.90	1.10	2.475	1019	41.21	42022	Sakuntala Devi, Vimla Devi
2	SB-2	2544, 2543, 2545	3.13	206	0.60	3.90	1.10	2.475	510	41.21	21011	Ram Sanehi
3	SB-3	2571, 2572, 2541, 2543	4.16	274	0.60	3.90	1.10	2.475	678	41.21	27947	Ram Das
4	SB-4	2603, 2591, 2589	4.86	320	0.60	3.90	1.10	2.475	792	41.21	32638	Heth Singh
5	SB-5	2732, 2735, 2723	2.40	90	0.60	3.90	1.10	2.475	223	41.21	9180	Heth Singh
6	SB-6	2737, 2726, 2732, 2733	4.41	161	0.60	3.90	1.10	2.475	398	41.21	16421	Bhagwan Singh
7	SB-7	2721, 2714	2.44	161	0.60	3.90	1.10	2.475	398	41.21	16421	Panna, Serman
<b>Sub Total</b>			<b>27.65</b>	<b>1624</b>					<b>4019</b>		<b>165639</b>	
<b>Pucca Work</b>											<b>20155</b>	
<b>Net Total</b>											<b>185794</b>	

## Contour Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
1	CB-1	175	1.55	200	0.45	2.55	0.70	1.05	210	35.82	7522	Har Narayan, Ganga Prasad, Gaya Prasad
		174	1.82									
Sub Total			3.37	200					210		7522	
2	CB-2	179	1.27	250	0.45	2.55	0.70	1.05	263	35.82	9403	Satish Kumar, Sanker Ji Maharaj
		180	2.38									
Sub Total			3.65	250					263		9403	
3	CB-3	182	0.67	100	0.45	2.55	0.70	1.05	105	35.82	3761	Atma Ram
		184	0.14	100	0.45	2.55	0.70	1.05	105	35.82	3761	Chendra Sekher, Manoj Kumar
		185	0.23									Ravi Sanker, Shashi Kant
		186	0.23									Jagat Narayan, Shashi Kant, Ravi Kant
		188	1.81	150	0.45	2.55	0.70	1.05	158	35.82	5642	Kathore, Ramesh, Ganga Deen
		192	0.15									Ghyan Shyam , Govind
		193	0.17									Pappu, Durga Deen
		194	0.16									
Sub Total			3.55	350					368		13164	
4	CB-4	63	0.20	100	0.45	2.55	0.70	1.05	105	35.82	3761	Rameshwar Dayal, Jai Ram
		66	0.45	150	0.45	2.55	0.70	1.05	158	35.82	5642	Rameshwar Dayal
		61	1.56									Ram Bihari
		60	0.34									Ram Bihari
		57	0.23									Avadh Kumari
		58	0.10									Ram Sevak , Ram Singh
		59	0.14									
Sub Total			3.02	250					263		9403	
5	CB-5	197/312	1.28	250	0.45	2.55	0.70	1.05	263	35.82	9403	Uttam Singh
Sub Total			1.28	250					263		9403	

### Contour Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
6	CB-6	112	0.17	300	0.45	2.55	0.70	1.05	315	35.82	11283	
		111	0.03									Sanker Singh, Dangel Singh
		110	1.03									Uday Veer, Mahesh
		109	2.03									Shiv Kumar
		108	4.26									Jagroop
		107	0.18									Ram Sahai
		106	2.90									
		105	0.26									
		<b>Sub Total</b>	<b>10.86</b>	<b>300</b>					<b>315</b>		<b>11283</b>	
		<b>Total</b>	<b>25.73</b>	<b>1350.00</b>					<b>1417.50</b>		<b>50774</b>	

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
1	SB-1	479	0.672	120	0.60	3.90	1.10	2.47	296	37.71	11177	Mathura Prasad
		480	0.421	80	0.60	3.90	1.10	2.47	198	37.71	7451	Mathura Prasad
<b>Sub Total</b>			<b>1.093</b>	<b>200</b>					<b>494</b>		<b>18629</b>	
2	SB-2	485	0.356	100	0.60	3.90	1.10	2.47	247	37.71	9314	Madhu Sudhan
		484	0.194	50	0.60	3.90	1.10	2.47	124	37.71	4657	Hardas
		486	0.632									Mathura Prasad
		490	0.656									Har Narayan
		491	0.493									Aatmaa Ram
		494	0.793									Har Narayan
<b>Sub Total</b>			<b>3.124</b>	<b>150</b>					<b>370.50</b>		<b>13971</b>	
3	SB-3	232	0.186	60	0.60	3.90	1.10	2.47	148	37.71	5589	Madhu Sudhan
		233	0.178	70	0.60	3.90	1.10	2.47	173	37.71	6520	Hardas
		234	0.121	120	0.60	3.90	1.10	2.47	296	37.71	11177	Madhu Sudhan
		230	0.316									Mathura Prasad
		229	0.413									Har Narayan, Sri Narayan
<b>Sub Total</b>			<b>1.214</b>	<b>250</b>					<b>617.50</b>		<b>23286</b>	

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
4	SB-4	157	0.339	100	0.60	3.90	1.10	2.47	247	37.71	9314	Shiv Kumar, Sushil
		231	0.251									
		158	0.077									
		159	0.995									
		160	0.02									Madhu Sudhan
<b>Sub Total</b>			<b>1.682</b>	<b>100</b>					<b>247</b>		<b>9314</b>	
5	SB-5	212	0.624	80	0.60	3.90	1.10	2.47	198	37.71	7452	Aatmaa Ram, Ramesh Babu
		213	0.421	80	0.60	3.90	1.10	2.47	198	37.71	7452	Bhagwati Prasad
		214	0.332	80	0.60	3.90	1.10	2.47	198	37.71	7452	Satish Kumar, Mithilesh
		215	1.036	60	0.60	3.90	1.10	2.47	148	37.71	5589	Kesh Narayan
<b>Pucca Work</b>											<b>10000</b>	
<b>Sub Total</b>			<b>2.413</b>	<b>300</b>					<b>741</b>		<b>27943</b>	
6	SB-6	203	0.753	200	0.60	3.90	1.10	2.47	494	37.71	18628	Ram Kumar, Narayan Das
<b>Sub Total</b>		203	<b>0.753</b>	<b>200</b>					<b>494</b>		<b>18628</b>	
7	SB-7	81	0.275	50	0.60	3.90	1.10	2.47	124	37.71	4657	Gopi
		88	0.173	50	0.60	3.90	1.10	2.47	124	37.71	4657	Ram Sahai
		86	0.218	50	0.60	3.90	1.10	2.47	124	37.71	4657	Pahalwan
		85	1.429	50	0.60	3.90	1.10	2.47	124	37.71	4657	Rameshwar Dayal
		90	1.518									Ram Kumar
		89	0.332									Gopi
		87	0.105									Gopi
		74	1.324									Gopi
		75	2.68									
		73	0.405									
<b>Sub Total</b>			<b>8.459</b>						<b>494.00</b>		<b>18628</b>	

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
8	SB-8	298	0.454	50	0.60	3.90	1.10	2.47	124	37.71	4657	Ram Narayan
		299	0.34	50	0.60	3.90	1.10	2.47	124	37.71	4657	Ram Narayan
		300	0.251	50	0.60	3.90	1.10	2.47	124	37.71	4657	Ram Narayan
		301	0.259	100	0.60	3.90	1.10	2.47	247	37.71	9314	Vinod Kumar, Jitendra
		287	1.421									Krishn Kumar
		286	0.283									
		285	0.186									
		288	1.551									
		291	0.081									
		292	0.073									Ram Narayan
		293	0.083									
		290	0.194									
<b>Pucca Work</b>										<b>10000</b>		
<b>Sub Total</b>			<b>5.176</b>	<b>250</b>					<b>617.50</b>		<b>33285</b>	
9	SB-9	240	0.429	100	0.60	3.90	1.10	2.47	247	37.71	9314	Jai Ram, Munna, Raja Ram
		242	0.388	50	0.60	3.90	1.10	2.47	124	37.71	4657	Jai Ram
		243	0.045	50	0.60	3.90	1.10	2.47	124	37.71	4657	Raj Narayan, Shyam Bihari
		246	0.138									Jai Ram
			<b>1.000</b>	<b>200</b>					<b>494</b>		<b>18628</b>	
10	SB-10	199	0.384	50	0.60	3.90	1.10	2.47	123.50	37.71	4657	Bhola Ram, Kathore
		198	0.332	50	0.60	3.90	1.10	2.47	123.50	37.71	4657	Jagat Singh
		197	0.178	50	0.60	3.90	1.10	2.47	123.50	37.71	4657	Sarnaam Singh
		196	0.308	50	0.60	3.90	1.10	2.47	123.50	37.71	4657	Surendra Singh
		200	0.202									Kamlesh Babu
		209	0.138									
		210	0.332									Chote Lal, Dhani Ram
		211	0.405									Surendra Singh
		213	0.437									Sant Ram, Bhagwat Prasad

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
		214	0.462									Sarnaam Singh
		215	0.388									Sant Ram
		208	0.664									Sobern Singh
		207	0.04									Narayan Singh
		206	0.17									Kamlesh Babu
		202	0.672									Narayan Singh, Raghu Nandan
		203	0.105									
		204	0.308									Narayan Singh
		175	1.036									
		176	0.535									
<b>Pucca Work</b>										<b>10000</b>		
<b>Sub Total</b>			<b>7.096</b>	<b>200</b>					<b>494</b>		<b>28628</b>	
11	SB-11	144	1.457	75	0.60	3.90	1.10	2.47	185.25	37.71	6986	Surendra Singh
		147	0.214	50	0.60	3.90	1.10	2.47	123.50	37.71	4657	Bhagwan Singh
		152	0.250	75	0.60	3.90	1.10	2.47	185.25	37.71	6986	Bhagwan Singh
		148	0.227									Jagat Singh, Ram Sevak
		150	0.429									Jagat Singh
		151	0.275									Munni, Munna Lal
		149	0.388									Jagat Singh
		195	0.591									Jagat Singh
		194	1.380									Surendra Singh
		193	0.146									Surendra Singh
		192	0.462									Sarnaam Singh
		190	0.348									Jagat Singh
		191	0.380									Jagat Singh
		189	0.218									Ramesh
<b>Sub Total</b>			<b>6.765</b>	<b>200</b>					<b>494</b>		<b>18629</b>	

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
12	SB-12	155	0.283	30	0.60	3.90	1.10	2.47	74.10	37.71	2794	Bhagwan Singh
		156	0.445	40	0.60	3.90	1.10	2.47	98.80	37.71	3726	Dhram Jeet Singh
		157	0.429	50	0.60	3.90	1.10	2.47	123.05	37.71	4657	Sarnaam Singh
		158	0.227	30	0.60	3.90	1.10	2.47	74.10	37.71	2794	Munni
		154	0.186									Shambhu
			<b>1.570</b>	<b>150</b>					<b>370.05</b>		<b>13971</b>	
13	SB-13	159	1.104	150	0.60	3.90	1.10	2.47	370.05	37.71	13971	Madho Singh
		192	1.509	100	0.60	3.90	1.10	2.47	247.00	37.71	9314	Bhanu Pratap, Kailasi
		191	0.032									
		161	0.470									Bisen Devi
		183	0.008									Bhanu Pratap, Kailasi
		184	0.024									
		185	0.073									
		186	0.065									
		188	0.040									
		189	0.101									
		190	0.089									
		169	0.036									
		173	1.551									Govind Singh, Devendra Singh
		177	0.016									
		175	0.300									
		174	0.235									Ram Babu
		163	0.247									Lala Ram
			<b>5.900</b>	<b>250</b>					<b>617.05</b>		<b>23285</b>	Radveer Singh, Harpal Singh
14	SB-14	135	1.250	50	0.60	3.90	1.10	2.47	123.50	37.71	4657	Govind Singh, Devendra Singh
		139	0.312	50	0.60	3.90	1.10	2.47	123.50	37.71	4657	Vishal Singh
		140	1.441	100	0.60	3.90	1.10	2.47	247.00	37.71	9314	Uday Veer Singh
		141	0.672	150							13971	Bhavar Singh, Nihal Singh, Devesh Singh

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
15	SB-15	131	0.344									Jai Hind Singh, Yogendra Singh
		132	2.740									Sher Singh, Jai Chandra Singh
		143	5.224									Tillak Singh
		145	0.571									Bal Ram Singh, Munni Devi
		146	0.190									Lokendra Singh
		147	0.190									Rajjan Singh
		148	0.190									Laxman Singh
		149	0.125									
		150	0.530									
			<b>13.779</b>	<b>350</b>					<b>494.00</b>		<b>32599</b>	
<b>Sub Total</b>												
16	SB-16	227	0.362	75	0.60	3.90	1.10	2.47	185.25	37.71	6986	Kamal Singh
		309	0.154	75	0.60	3.90	1.10	2.47	185.25	37.71	6986	Sant Ram
		228	0.202									Neta
		229	0.275									
			<b>0.993</b>	<b>150</b>					<b>370.50</b>		<b>13972</b>	
<b>Sub Total</b>												
17	SB-17	254	2.765	150	0.60	3.90	1.10	2.47	370.05	37.71	13971	Arvind Singh
		253	1.185									Jagat Singh, Ram Sevak
		246	0.324									Bhola Ram
		245	0.324									Ballu
		244	0.368									Kathore
		241	0.069									Herdas
		240	0.069									Balui
		239	0.069									Bal Kishun
		238	0.069									
		237	0.077									Gori Ram
		235	0.214									Sukh Singh
		234	0.218									Mohan
		233	0.218									Rahul, Rakesh, Mukesh
<b>Sub Total</b>			<b>5.969</b>	<b>150</b>					<b>370.05</b>		<b>13971</b>	
18	SB-18	274	0.437	100	0.60	3.90	1.10	2.47	247	37.71	9314	Chakki Lal
		290	0.248	100	0.60	3.90	1.10	2.47	247	37.71	9314	Ravindra Kumar, Gita Devi
		273	0.470									Chakki Lal
		272	0.291									Nand Kishor
		269	0.372									Jag Ram, Sri Ram, Ram Lal
		258	0.344									Ram Lal

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name	
		256	2.388									Her Gyan	
		270	0.101									Ram Lal	
		271	0.101									Ram Lal	
		291	0.142									Munni Lal	
			<b>4.894</b>	<b>200</b>					<b>494</b>		<b>18628</b>		
<b>Sub Total</b>													
18	SB-18	855	1.052	300	0.60	3.90	1.10	2.47	741	37.71	27943	Ram Sevak	
		856/12	0.979									Ramesh	
		856/10	1.567									Ganga Ram, Raghuvansi	
		856/6	1.607									Tillak Singh	
		856/13	1.405									Sita Ram	
		856/11	0.648									Chote Lal	
		856/14	0.903									Serman Singh	
<b>Sub Total</b>			<b>8.161</b>	<b>300</b>					<b>741</b>		<b>27943</b>		
19	SB-19	369	0.308	200	0.60	3.90	1.10	2.47	494	37.71	18628	Ram Lakan	
		368	1.133									Ram Lakan, Munna Lal	
		367	1.619									Kathore	
		374	1.376									Ram Rati	
		365/4	1.620									Hari Singh, Mohan Singh	
		365/6	0.648									Rameshwar Dayal	
		365/5	1.295									Ram Rati	
		365/2	1.295									Ganga Ram	
		360	2.112									Hari Ram , Bhagirath	
		361	3.221									Ram Bakesh, Siya Ram	
		365/3	0.729									Tillak Singh	
		365/4/4	0.405									Shiv Kumar Singh	
		365/8	1.052									Lakhan Singh, Munna	
		365/9	0.445									Ram Rati	
		365/10	0.485										
<b>Pucca Work</b>											<b>20000</b>		
<b>Total Kaccha Work</b>											<b>372574</b>		
<b>Total Pucca Work</b>											<b>50000</b>		
<b>Sub Total</b>			<b>17.743</b>	<b>200</b>					<b>494</b>		<b>411202</b>		
<b>Grant Total</b>			<b>98.042</b>	<b>4000</b>					<b>9880</b>		<b>422574</b>		

**Peripheral Bund**

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name	
1	PB-1	227	0.979	80	0.6	4.2	1.2	2.88	230.4	37.71	8688		
		224	0.332	70	0.6	4.2	1.2	2.88	201.6	37.71	7602		
		222	0.089	50	0.6	4.2	1.2	2.88	144	37.71	5430		
		221	0.275	70	0.6	4.2	1.2	2.88	201.6	37.71	7602		
		166	0.194	80	0.6	4.2	1.2	2.88	230.4	37.71	8688		
		168	1.036	150	0.6	4.2	1.2	2.88	432	37.71	16291		
		169	0.971										
		172	1.505										
		171	1.445										
		162	1.084										
		225	0.433										
		226	0.324										
		172	1.505										
		161	0.725										
<b>Sub Total</b>			<b>10.897</b>	<b>500</b>					<b>1440</b>		<b>54302</b>		
2	PB-2	367/11	0.648	100	0.6	4.2	1.2	2.88	288	37.71	10860		
		367/6	1.915	100	0.6	4.2	1.2	2.88	288	37.71	10860		
		365/3	0.729										
		367/2	1.619										
		366	3.076										
<b>Pucca Work</b>											<b>10000</b>		
<b>Sub Total</b>			<b>7.987</b>	<b>200</b>					<b>5.76</b>		<b>75.42</b>		

### Peripheral Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name	
3	PB-3	222	0.705	150	0.6	4.2	1.2	2.88	432	37.71	16291		
		223	0.477	80	0.6	4.2	1.2	2.88	230	37.71	8688		
		315	0.243	50	0.6	4.2	1.2	2.88	144	37.71	5430		
		316	0.388	120	0.6	4.2	1.2	2.88	346	37.71	13033		
		314	0.243										
		313	0.340										
		318	0.364										
		319	0.380										
		312	0.210										
		310	0.227										
		225	0.324										
		224	0.906										
		218	0.454										
		219	0.041										
		216	0.312										
		217	0.291										
		226	0.089										
		320	0.049										
		321	0.04										
		322	0.121										
		330	0.405										
		331	1.068										
<b>Pucca Work</b>											<b>10000</b>		
<b>Sub Total</b>			<b>7.677</b>	<b>400</b>					<b>1152</b>		<b>53442</b>		

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**Peripheral Bund**

<b>S. No.</b>	<b>Activity</b>	<b>Khasra No.</b>	<b>Area</b>	<b>Length</b>	<b>Top</b>	<b>Base</b>	<b>Height</b>	<b>C. S.</b>	<b>E. W.</b>	<b>Rate</b>	<b>Amount</b>	<b>Farmer Name</b>	
<b>4</b>	<b>PB-4</b>	344/1	0.931	50	0.6	4.2	1.2	2.88	144	37.71	5430		
		346	1.659	150	0.6	4.2	1.2	2.88	288	37.71	10860		
		345	0.202	50	0.6	4.2	1.2	2.88	144	37.71	5430		
		349	1.757										
		347	0.364	50	0.6	4.2	1.2	2.88	144	37.71	5430		
		348	0.202										
			<b>5.115</b>	<b>300</b>					<b>720</b>		<b>27151</b>		
<b>5</b>	<b>PB-5</b>	304	0.243	60	0.6	4.2	1.2	2.88	173	37.71	6516		
		302	0.089	20	0.6	4.2	1.2	2.88	58	37.71	2172		
		301	0.032										
		300	0.032	20	0.6	4.2	1.2	2.88	58	37.71	2172		
		310	0.105	20	0.6	4.2	1.2	2.88	58	37.71	2172		
		308	0.162	30	0.6	4.2	1.2	2.88	86	37.71	3258		
		306	0.081										
		295	0.138										
		294	0.138										
		311	0.024										
<b>Total Kaccha Work</b>											<b>162907</b>		
<b>Total Pucca Work</b>											<b>20000</b>		
<b>Sub Total</b>			<b>1.044</b>	<b>150</b>					<b>432</b>		<b>16290</b>		
<b>Grant Total</b>			<b>32.720</b>	<b>1500</b>					<b>4320</b>		<b>182907</b>		

### Water Harvesting Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name	
1	WHB-1	426	0.202	120						51.04	177619		
		413	3.339										
		414	0.324			Base on Farm Soil Work			3600				
		410	0.057			Old Soil Work			-120				
		411	0.64						3480				
		409	0.648										
		830	0.462										
		829	1.744			Dag Velling	120*5	600 m.@0.07		42			
		828	0.405										
		827	0.405			Cleaning	120*17.50	2100 sqm.@3.40		7140			
		826	0.246										
		846	0.178										
		847	0.194										
		849	0.283										
		850	0.162										
		858	0.336										
		857	0.388										
		859	0.283										
		860	0.405										
		833	0.713										
		834	0.413										
		831	0.575										
		844	0.21										
		846	0.246										
		819	7.743										
		825	0.688										
		835	1.575										
		408	1.486										
		709	7.335										
<b>Pucca Work</b>													
<b>Sub Total</b>													
											<b>144736</b>		
											<b>329537</b>		

## Gully Plug

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
1	GP-1	478	1.716	80								
		477	0.543									
		476	0.121									
		475	0.713			Base on Farm Soil Work			2400	51.04	117392	
		474	0.757									
		473	0.429			Old Soil Work			-100			
		519	0.841						2300			
		520	0.619									
		521	0.308			Dag Velling	80*5	400 m.@0.07			28	
		522	0.615									
		487	0.599			Cleaning	80*17.50	1400 sqm.@3.40			4760	
		488	0.275									
		489	0.809									
		515	0.425									
		516	0.17									
		517	0.38									
		512	0.226									
		513	0.583									
		514	0.607									
Sub Total			<b>10.736</b>	<b>80</b>					<b>2300</b>		<b>122180</b>	
2	GP-3	340	2.638	80								
		339	0.364									
		352	1.619			Base on Farm Soil Work			2400			
		353	1.538									
		336	0.591									

### Gully Plug

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name	
		337	0.388			Old Soil Work			-125				
		335	0.51						2275	51.04	11616		
		338	0.121			Dag Velling	80*5	400 m.@0.07			28		
		351	1.716										
		333	0.93			Cleaning	80*17.50	1400@3.40			4760		
		332	0.142										
		331	0.324										
		330	0.728										
<b>Pucca Work</b>											<b>100000</b>		
<b>Sub Total</b>			<b>11.609</b>	<b>80</b>							<b>220904</b>		
3	GP-4	387	1.132	80									
		392	1.7			Base on Farm Soil Work			1920				
		393	1.7										
		394	0.405			Old Soil Work			-125				
		395	3.44						1795	51.04	91616.80		
		399	0.495										
		400	0.121			Dag Velling	80*5	400 m.@0.07			28		
		401	0.308										
		402	0.234			Cleaning	80*17.50	1400@3.40			4760		
		398	0.316										
		397	0.226										
		396	0.057										
		384	0.89										
		385	0.875										
		386	0.89										
		388	0.17										
<b>Sub Total</b>			<b>12.959</b>	<b>80</b>					<b>1795</b>		<b>96404.80</b>		

## Gully Plug

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name	
4	GP-5	420/3	0.648	70									
		420/4	0.486			Base on Farm Soil Work			2100				
		420	1.052			Old Soil Work			-100				
		420/8	0.405						2000	51.04	102080		
		408	0.486										
		407	0.243			Dag Velling	70*5	350 m.@0.07			24.50		
		420/7	0.486										
		420/5	0.486										
		406/8	0.849			Cleaning	70*17.50	1225 sqm.@3.40			4165		
		406/1	1.174										
		406/3	0.486										
		406/7	0.324										
		406/4	2.59										
<b>Pucca Work</b>											100000		
<b>Sub Total</b>			<b>9.715</b>	<b>70</b>					<b>2000</b>		<b>206269.50</b>		
5	GP-6	393	1.700										
		394	0.405			Base on Farm Soil Work			1800				
		392	1.700										
		391	1.133			Old Soil Work			-100				
		390	0.291						1700	51.04	86768		
		388	0.170										
		387	1.132										
		386	0.890			Dag Velling	60*5	300 m.@0.07			21		
		385	0.875										

## Gully Plug

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
		384	0.430									
		383	0.210			Cleaning	60*17.50	1050 sqm.			3570	
		359	1.781									
		360	2.112									
		395	3.440									
		532	1.615									
		533	2.177									
		534	1.607									
		535	0.405									
		536	1.979									
		531	0.789									
		530	2.295									
		529	0.257									
		528	0.235									
		526	1.694									
		525	0.186									
		424	1.501									
		523	0.996									
		361/2	0.971									
<b>Pucca Work</b>											100000	
<b>Sub Total</b>			<b>32.976</b>						<b>1700</b>		<b>190359</b>	
6	GP-7	288	0.518	100								
		287	1.465									

## Gully Plug

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
		290	0.121			Base on Farm Soil Work			3000			
		293	0.162									
		286	0.029			Old Soil Work			-100			
		284	0.040						2900	51.04	148016	
		283	1.109									
		285	21.537									
		472	0.486			Dag Velling	100*5	500 m.@0.07			35	
		473	1.610									
		474	0.615									
		509	3.116			Cleaning	100*17.50	1750 sqm.@3.40			5950	
		498	1.408									
		492	1.780									
		543	0.157									
		544	0.833									
		542	0.526									
		545	0.841									
		547	1.149									
		553	1.473									
		550	0.283									
		551	1.361									
		552	0.786									

### Gully Plug

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
		700	0.486									
		701	0.421									
		702	1.271									
		530	0.971									
		515	0.429									
		517	0.516									
		507	0.429									
		508	0.170									
		503	0.445									
		504	0.356									
		505	0.340									
		506	0.243									
		536	0.809									
		488	2.727									
		489	6.160									
		706	0.154									
		707	0.121									
		708	0.121									
		711	0.454									
		712	0.178									
		721	0.825									

## Gully Plug

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name	
		698	0.486										
		699	0.300										
		697	0.146										
		518	0.008										
		519	0.024										
		521	0.138										
		522	0.130										
		523	0.874										
		533	0.930										
		535	1.368										
		536	0.809										
		539	0.388										
		540	0.478										
		509	8.116										
		513	0.717										
<b>Pucca Work</b>											<b>100000</b>		
<b>Sub Total</b>			<b>73.943</b>	<b>100</b>							<b>254001</b>		
<b>Grant Total</b>			<b>171.962</b>	<b>570</b>							<b>1413096</b>		

## Contour Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
1	CB-1	285, 287, 286, 288, 291, 292, 293	6.083	350	0.45	2.55	0.70	1.05	367.50	35.70	13119	Ramesh Chandra, Ram Swroop
<b>Sub Total</b>			<b>6.083</b>	<b>350</b>					<b>367.50</b>		<b>13119</b>	
2	CB-2	119	1.526	150	0.45	2.55	0.70	1.05	157.50	31.80	5638	Gaya Prasad, Arvind Kumar
<b>Sub Total</b>			<b>1.526</b>	<b>150</b>					<b>157.50</b>		<b>5638</b>	
3	CB-3	140, 141, 142, 144	2.62	200	0.45	2.55	0.70	1.05	210	35.80	7518	Naval Singh, Ashok Kumar
<b>Sub Total</b>			<b>2.62</b>	<b>200</b>					<b>210</b>		<b>7518</b>	
4	CB-4	120, 74 to 81	5.45	400	0.45	2.55	0.70	1.05	420	35.80	15036	Nathu, Om Prakash
<b>Sub Total</b>			<b>5.45</b>	<b>400</b>					<b>420</b>		<b>15036</b>	
5	CB-5	147, 148, 149	1.991	150	0.45	2.55	0.70	1.05	157.50	35.80	5639	Bhagwati Saran, Kishan Lal
<b>Sub Total</b>			<b>1.991</b>	<b>150</b>					<b>157.50</b>		<b>5639</b>	
<b>Total</b>			<b>17.67</b>	<b>1250</b>					<b>1312.50</b>		<b>46949</b>	

## Submergence Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
1	SB-1	11	1.206	400	0.50	3.50	1.00	2.00	800	37.71	30168	Ram Charan, Jai Ram, Babu Ram, Kausal
		111	1.906									
		123	2.865									
<b>Sub Total</b>			<b>5.977</b>	<b>400</b>					<b>800</b>		<b>30168</b>	
2	SB-2	113	2.403	200	0.50	3.50	1.00	2.00	400	37.71	15084	Parashu Ram, Rajeshwari Devi
		124										
<b>Sub Total</b>			<b>2.403</b>	<b>200</b>					<b>400</b>		<b>15084</b>	
3	SB-3	134	0.802	250	0.50	3.50	1.00	2.00	500	37.71	18855	Ram Ji Lal
		135, 136, 137	1.74									Ram Kumar, Santosh Kumar
<b>Sub Total</b>			<b>2.542</b>	<b>250</b>					<b>500</b>		<b>18855</b>	
4	SB-4	164 to 168, 192 to 194	4.043	350	0.50	3.50	1.00	2.00	700	37.71	26397	Mansha Ram, Paras Ram,, Ram Gulam Dheeraj, Mukesh
<b>Sub Total</b>			<b>4.043</b>	<b>350</b>					<b>700</b>		<b>26397</b>	
5	SB-5	171, 190, 191, 172, 173, 175	2.295	200	0.50	3.50	1.00	2.00	400	37.71	15084	Ram Ratan, Mansha Ram
<b>Sub Total</b>			<b>2.295</b>	<b>200</b>					<b>400</b>		<b>15084</b>	
6	SB-6	177, 178, 179, 184, 182, 183	6.192	200	0.50	3.50	1.00	2.00	400	37.71	15084	Ram Sumran, Shyam Sumran, Har Prasad
<b>Sub Total</b>			<b>6.192</b>	<b>200</b>					<b>400</b>		<b>15084</b>	
7	SB-7	285, 286, 178, 179, 181	3.967	450	0.50	3.50	1.00	2.00	900	37.71	33939	Kamlesh Kumar, Ramesh Chandra, Ram Swroop
<b>Sub Total</b>			<b>3.967</b>	<b>450</b>					<b>900</b>		<b>33939</b>	
8	SB-8	311, 338, 339, 341, 344, 343, 342	5.887	370	0.50	3.50	1.00	2.00	740	37.71	27905	Mata Prasad, Ram Babu, Ramesh Chandra
<b>Sub Total</b>			<b>5.887</b>	<b>370</b>					<b>740</b>		<b>27905</b>	
9	SB-9	296, 297, 298, 299	3.29	200	0.50	3.50	1.00	2.00	400	37.71	15084	Rajesh Kumar, Pramod Kumar
<b>Sub Total</b>			<b>3.29</b>	<b>200</b>					<b>400</b>		<b>15084</b>	
10	SB-10	312, 313, 316, 320, 321	4.594	350	0.50	3.50	1.00	2.00	700	37.71	26397	Hariher Singh, Hanumant Singh
<b>Sub Total</b>			<b>4.594</b>	<b>350</b>					<b>700</b>		<b>26397</b>	

## Submergence Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
11	SB-11	277, 267, 278, 271	3.192	300	0.50	3.50	1.00	2.00	600	37.71	22626	Ram Bharose, Ram Babu
	<b>Sub Total</b>		<b>3.192</b>	<b>300</b>					<b>600</b>		<b>22626</b>	
12	SB-12	269, 270, 273	4.475	250	0.50	3.50	1.00	2.00	500	37.71	18855	Bhagwati Saran, Pramod Kumar
	<b>Sub Total</b>		<b>4.475</b>	<b>250</b>					<b>500</b>		<b>18855</b>	
13	SB-13	255	0.470	250	0.50	3.50	1.00	2.00	500	37.71	18855	Ram Kumar, Pramod Kumar
		257	3.070									
	<b>Sub Total</b>		<b>3.540</b>	<b>250</b>					<b>500</b>		<b>18855</b>	
14	SB-14	261, 264, 265, 268	3.38	250	0.50	3.50	1.00	2.00	500	37.71	18855	Pramod Kumar, Tulsi Ram
	<b>Sub Total</b>		<b>3.38</b>	<b>250</b>					<b>500</b>		<b>18855</b>	
15	SB-15	52, 53	4.957	400	0.50	3.50	1.00	2.00	800	37.71	30168	Shyam Bihari
	<b>Sub Total</b>		<b>4.957</b>	<b>400</b>					<b>800</b>		<b>30168</b>	
16	SB-16	41, 42, 43	3.678	150	0.50	3.50	1.00	2.00	300	37.71	11313	Bishnu Prasad, Mithilesh
	<b>Sub Total</b>		<b>3.678</b>	<b>150</b>					<b>300</b>		<b>11313</b>	
17	SB-17	464, 462, 477	4.713	250	0.50	3.50	1.00	2.00	500	37.71	18855	
	<b>Sub Total</b>		<b>4.713</b>	<b>250</b>					<b>500</b>		<b>18855</b>	
18	SB-18	471, 473, 474	5.64	250	0.50	3.50	1.00	2.00	600	37.71	22626	
	<b>Sub Total</b>		<b>5.64</b>	<b>250</b>					<b>600</b>		<b>22626</b>	
19	SB-19	399, 403, 404, 406, 417, 418	6.390	300	0.50	3.50	1.00	2.00	600	37.71	22626	
	<b>Sub Total</b>		<b>6.390</b>						<b>600</b>		<b>22626</b>	
20	SB-20	248, 337, 351, 349, 350, 353	5.279	350	0.50	3.50	1.00	2.00	700	37.71	26397	
	<b>Sub Total</b>		<b>5.279</b>	<b>350</b>					<b>700</b>		<b>26397</b>	
21	SB-21	361 to 368, 370, 358	5.21	300	0.50	3.50	1.00	2.00	600	37.71	22626	
	<b>Sub Total</b>		<b>5.21</b>	<b>300</b>					<b>600</b>		<b>22626</b>	
22	SB-22	381 to 387, 377, 378	6.71	410	0.50	3.50	1.00	2.00	820	37.71	30922	
	<b>Sub Total</b>		<b>6.71</b>	<b>410</b>					<b>820</b>		<b>30922</b>	
23	SB-23	306, 391, 392, 396	4.102	250	0.50	3.50	1.00	2.00	500	37.71	18855	
	<b>Sub Total</b>		<b>4.102</b>	<b>250</b>					<b>500</b>		<b>18855</b>	

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
24	SB-24	238	2.12	150	0.50	3.50	1.00	2.00	300	37.71	11313	
	<b>Sub Total</b>		<b>2.12</b>	<b>150</b>					<b>300</b>		<b>11313</b>	
25	SB-25	274, 255	2.78	200	0.50	3.50	1.00	2.00	400	37.71	15084	
	<b>Sub Total</b>		<b>2.78</b>	<b>200</b>					<b>400</b>		<b>15084</b>	
26	SB-26	280, 282	2.024	100	0.50	3.50	1.00	2.00	200	37.71	7542	
	<b>Sub Total</b>		<b>2.024</b>	<b>100</b>					<b>200</b>		<b>7542</b>	
27	SB-27	286, 288	1.283	80	0.50	3.50	1.00	2.00	160	37.71	6033	
	<b>Sub Total</b>		<b>1.283</b>	<b>80</b>					<b>160</b>		<b>6033</b>	
28	SB-28	365	1.602	75	0.50	3.50	1.00	2.00	150	37.71	5656	
	<b>Sub Total</b>		<b>1.602</b>	<b>75</b>					<b>150</b>		<b>5656</b>	
29	SB-29	398, 397, 399, 400	3.11	150	0.50	3.50	1.00	2.00	400	37.71	11313	
	<b>Sub Total</b>		<b>3.11</b>	<b>150</b>					<b>400</b>		<b>11313</b>	
30	SB-30	411, 387, 402, 403, 405, 406, 410	2.960	200	0.50	3.50	1.00	2.00	400	37.71	15084	
	<b>Sub Total</b>		<b>2.960</b>	<b>200</b>					<b>400</b>		<b>15084</b>	
31	SB-31	315, 314, 317, 320	5.170	350	0.50	3.50	1.00	2.00	700	37.71	26397	
	<b>Sub Total</b>		<b>5.170</b>	<b>350</b>					<b>700</b>		<b>26397</b>	
32	SB-32	307, 306	2.530	150	0.50	3.50	1.00	2.00	300	37.71	11313	
	<b>Sub Total</b>		<b>2.530</b>	<b>150</b>					<b>300</b>		<b>11313</b>	
33	SB-33	295, 303, 301, 302	1.700	120	0.50	3.50	1.00	2.00	240	37.71	9050	
	<b>Sub Total</b>		<b>1.700</b>	<b>120</b>					<b>240</b>		<b>9050</b>	
34	SB-34	295, 303, 301, 302	1.900	130	0.50	3.50	1.00	2.00	260	37.71	9804	
	<b>Sub Total</b>		<b>1.900</b>	<b>130</b>					<b>260</b>		<b>9804</b>	
35	SB-35	340, 341, 294, 295, 290, 297	7.640	450	0.50	3.50	1.00	2.00	900	37.71	33939	
	<b>Sub Total</b>		<b>7.640</b>	<b>450</b>					<b>900</b>		<b>33939</b>	
36	SB-36	299, 301, 300, 322, 321, 347, 341	7.810	450	0.50	3.50	1.00	2.00	900	37.71	33939	
	<b>Sub Total</b>		<b>7.810</b>	<b>450</b>					<b>900</b>		<b>33939</b>	

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
37	SB-37	344, 290, 21, 31, 53	5.750	350	0.50	3.50	1.00	2.00	700	37.71	26390	
	<b>Sub Total</b>		<b>5.750</b>	<b>350</b>					<b>700</b>		<b>26390</b>	
38	SB-38	343, 25, 26, 27	3.910	450	0.50	3.50	1.00	2.00	900	37.71	33939	
	<b>Sub Total</b>		<b>3.910</b>	<b>450</b>					<b>900</b>		<b>33939</b>	
39	SB-39	151, 156, 157, 150, 149, 147	7.630	450	0.50	3.50	1.00	2.00	900	37.71	33939	
	<b>Sub Total</b>		<b>7.630</b>	<b>450</b>					<b>900</b>		<b>33939</b>	
40	SB-40	66, 67, 68, 70, 72, 71	4.850	320	0.50	3.50	1.00	2.00	640	37.71	24128	
	<b>Sub Total</b>		<b>4.850</b>	<b>320</b>					<b>640</b>		<b>24128</b>	
41	SB-41	44, 45, 46, 32, 25, 26, 31, 24, 23, 22	6.120	400	0.50	3.50	1.00	2.00	800	37.71	30160	
	<b>Sub Total</b>		<b>6.120</b>	<b>400</b>					<b>800</b>		<b>30160</b>	
42	SB-42	479, 480	4.530	300	0.50	3.50	1.00	2.00	600	37.71	22620	
	<b>Sub Total</b>		<b>4.530</b>	<b>300</b>					<b>600</b>		<b>22620</b>	
43	SB-43	483 to 490, 412	5.310	350	0.50	3.50	1.00	2.00	700	37.71	26390	
	<b>Sub Total</b>		<b>5.310</b>	<b>350</b>					<b>700</b>		<b>26390</b>	
44	SB-44	124, 264 to 269, 271 to 282	7.415	490	0.50	3.50	1.00	2.00	980	37.71	18850	Pramod Kumar, Amit Kumar
	<b>Sub Total</b>		<b>7.415</b>	<b>490</b>					<b>980</b>		<b>18850</b>	
45	SB-45	287, 288, 297, 298	3.920	250	0.50	3.50	1.00	2.00	500	37.71	18850	
	<b>Sub Total</b>		<b>3.920</b>	<b>250</b>					<b>500</b>		<b>18850</b>	
	<b>Total</b>		<b>194.520</b>	<b>12345</b>					<b>25490</b>		<b>939309</b>	

### Peripheral Bund

S. No.	Activity	Khasra No.	Area	Lenth	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
1	PB-1	252, 257, 227, 228, 225, 226, 254, 255	8.258	400	0.60	4.20	1.20	2.88	1152	39.70	45734	
	<b>Sub Total</b>		<b>8.258</b>	<b>400</b>					<b>1152</b>		<b>45734</b>	
2	PB-2	301, 302, 300, 304, 305, 323, 331, 332, 333, 334	6.730	320	0.60	4.20	1.20	2.88	922	39.70	34099	
	<b>Sub Total</b>		<b>6.730</b>	<b>320</b>					<b>922</b>		<b>34099</b>	
3	PB-3	214, 215, 216, 212, 206, 205, 204, 198, 196, 208, 388, 389, 387	12.510	600	0.60	4.20	1.20	2.88	1728	39.70	68601	
	<b>Sub Total</b>		<b>12.510</b>	<b>600</b>					<b>1728</b>		<b>68601</b>	
4	PB-4	382, 383, 380, 381, 319	3.250	230	0.60	4.20	1.20	2.88	568	39.70	22553	
	<b>Sub Total</b>		<b>3.250</b>	<b>230</b>					<b>568</b>		<b>22553</b>	
5	PB-5	358, 357, 360, 361, 362	3.980	200	0.60	4.20	1.20	2.88	494	39.70	19611	
	<b>Sub Total</b>		<b>3.980</b>	<b>200</b>					<b>494</b>		<b>19611</b>	
6	PB-6	355, 357, 356	2.420	120	0.50	3.50	1.00	2.00	240	37.71	9050	
	<b>Sub Total</b>		<b>2.420</b>	<b>120</b>					<b>240</b>		<b>9050</b>	
7	PB-7	413, 412, 387	3.776	150	0.60	3.90	1.10	2.47	371	39.90	14708	
	<b>Sub Total</b>		<b>3.776</b>	<b>150</b>					<b>371</b>		<b>14708</b>	
8	PB-8	321, 322, 325, 320	8.340	380	0.60	4.20	1.20	2.88	1094	39.70	43447	
	<b>Sub Total</b>		<b>8.340</b>	<b>380</b>					<b>1094</b>		<b>43447</b>	
9	PB-9	299, 300, 304, 305	8.335	370	0.60	4.20	1.20	2.88	1065	39.70	42304	
	<b>Sub Total</b>		<b>8.335</b>	<b>370</b>					<b>1065</b>		<b>42304</b>	
10	PB-10	117, 115	10.016	500	0.60	4.20	1.20	2.88	1440	39.70	57168	
	<b>Sub Total</b>		<b>10.016</b>	<b>500</b>					<b>1440</b>		<b>57168</b>	
11	PB-11	325, 326, 330, 331, 340, 332	13.480	700	0.60	4.20	1.20	2.88	1729	39.70	68641	
	<b>Sub Total</b>		<b>13.480</b>	<b>700</b>					<b>1729</b>		<b>68641</b>	
12	PB-12	225, 227, 226, 222, 220, 237, 242, 241, 239, 238, 250, 252, 253	5.497	400	0.60	4.20	1.20	2.88	988	39.70	39223	Vishnu Prasad, Jalim
	<b>Sub Total</b>		<b>5.497</b>	<b>400</b>					<b>988</b>		<b>39223</b>	
13	PB-13	339, 391, 398, 399, 400, 208	5.450	400	0.60	4.20	1.20	2.88	988	39.70	39223	
	<b>Sub Total</b>		<b>5.450</b>	<b>400</b>					<b>988</b>		<b>39223</b>	
	<b>Total</b>		<b>92.042</b>	<b>4770</b>					<b>12779</b>		<b>504360</b>	

## Check Dam

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
1	CD-1	388, 389, 390, 310, 309, 308, 312, 305, 304, 311	7.510	50	1.50	4.50	1.10	3.30	1131	49.36	51754	
Soil Work									-82.50			
Pre Earth Work									1049			
Dag Velling								50*5	250 m@0.07		17.50	
Cleaning								50*13.60	680 sqm.@3.40		2312	
<b>Sub Total</b>			<b>7.510</b>	<b>50</b>					<b>1049</b>		<b>54083</b>	
2	CD-2	315, 317, 313, 299, 300, 319, 318	6.450	45	1.50	6.50	1.10	4.40	1017.90	49.36	48071	
Soil Work									-44			
Pre Earth Work									973.90			
Dag Velling								45*5	225 m.@0.07		15.75	
Cleaning								45*13.60	612 sqm.@3.40		2080	
<b>Sub Total</b>			<b>6.450</b>	<b>45</b>					<b>973.90</b>		<b>50166</b>	
3	CD-3	323, 324, 325, 317, 326, 316, 315, 320, 294, 295, 293	7.115	50	1.50	4.50	1.10	3.30	1064	49.36	49261	
Soil Work									-66			
Pre Earth Work									998			
Dag Velling								50*5	250 m.@0.07		17.50	
Cleaning								50*13.20	660 sqm.@3.40		2244	
<b>Sub Total</b>			<b>7.115</b>	<b>50</b>					<b>998</b>		<b>51523</b>	
4	CD-4	290, 288, 289, 329, 392, 330	5.210	40	1.50	4.50	1.00	3.00	851.20	49.36	39794	
Soil Work									-45			
Pre Earth Work									806.20			
Dag Velling								40*5	200 m.@0.07		14	
Cleaning								40*15.20	528 sqm.@3.40		1795	
<b>Sub Total</b>			<b>5.210</b>	<b>40</b>					<b>806.20</b>		<b>41603</b>	
5	CD-5	280, 282, 283, 287, 331, 332, 284, 278	7.120	50	0.50	4.50	1.60	4.00	1165.25	49.36	54555	
Soil Work									-60			

## Check Dam

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
Pre Earth Work									1105.25			
Dag Velling								50*5	250 m.@0.07		17.50	
Cleaning								50*13.80	6909 sqm.@3.40		2346	
<b>Sub Total</b>			<b>7.120</b>	<b>50</b>					<b>1105.25</b>		<b>56919</b>	
6		271, 272, 273, 274, 270, 267, 276, 275	7.201	45	1.50	6.50	1.30	5.20	777.60	49.36	30682	
Soil Work									-156			
Pre Earth Work									621.60			
Dag Velling											2095	
Cleaning												
<b>Sub Total</b>			<b>7.201</b>	<b>45</b>					<b>621.60</b>		<b>32777</b>	
7	CD-7	265, 267, 263, 260, 261, 238, 259, 262	6.450	45	1.50	6.50	1.30	5.20	777.60	49.36	30682	
Soil Work									-156			
Pre Earth Work									621.60			
Dag Velling											2095	
Cleaning												
<b>Sub Total</b>			<b>6.450</b>	<b>45</b>					<b>621.60</b>		<b>32777</b>	
8		109, 110, 104, 102, 103, 98, 238	5.120	40	1.50	6.50	1.20	4.80	866.40	49.36	38026	
Soil Work									-96			
Pre Earth Work									770.40			
Dag Velling											1809	
Cleaning												
<b>Sub Total</b>			<b>5.120</b>	<b>40</b>					<b>770.40</b>		<b>39835</b>	
9		266, 267, 269, 277, 262, 270, 271	7.150	45	1.50	6.50	1.70	6.80	1017.90	51.04	41541	
Soil Work									-204			
Pre Earth Work									813.90			
Dag Velling											2095	
Cleaning												
<b>Sub Total</b>			<b>7.150</b>	<b>45</b>					<b>813.90</b>		<b>43636</b>	
10	CD-10	239, 258, 257, 256, 260, 261	6.450	50	2.00	12.80	2.70	19.98	999	49.36	42597	

## Check Dam

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
Soil Work									-136			
Pre Earth Work									863			
Dag Velling										2095		
Cleaning												
<b>Sub Total</b>			<b>6.450</b>	<b>50</b>					<b>863</b>		<b>44692</b>	
11	CD-11	290, 351, 352, 284, 313, 366	5.810	50	1.50	6.50	1.70	6.80	824.80		40712	
Dag Velling											2261	
<b>Sub Total</b>			<b>5.810</b>	<b>50</b>					<b>824.80</b>		<b>42973</b>	
12	CD-12	272, 354, 275, 273, 293, 365, 355, 356, 357, 362	7.140	50	1.50	8.50	1.80	9.00	1131	51.04	43945	
									-270			
Dag Velling									861		2367.25	
<b>Sub Total</b>			<b>7.140</b>	<b>50</b>					<b>861</b>		<b>46312</b>	
13	CD-13	373, 374, 362, 377, 381, 380, 370, 368, 366	6.510	55	1.50	10.50	1.30	7.80	1098.90	40.96	40615	
									-234			
									864.90			
Dag Velling											2460	
<b>Sub Total</b>			<b>6.510</b>	<b>55</b>					<b>864.90</b>		<b>43075</b>	
14	CD-14	381, 386, 385, 389, 368	5.320	45	1.50	6.50	1.30	5.20	957.60	49.36	35716	
									-234			
									723.60			
Dag Velling											2020	
<b>Sub Total</b>			<b>5.320</b>	<b>45</b>					<b>723.60</b>		<b>37736</b>	
15	CD-15	367, 365, 363, 411	5.110	45	1.50	8.50	1.60	8.00	957.60	49.36	33446	
									-280			
									677.60			
Dag Velling											1728.75	
<b>Sub Total</b>			<b>5.110</b>	<b>45</b>					<b>677.60</b>		<b>35175</b>	
16	CD-16	333, 334, 331, 329	5.780	50	1.50	10.50	1.20	7.20	1131	49.36	39241	
									-356			
									775			
Dag Velling											2360	
<b>Sub Total</b>			<b>5.780</b>	<b>50</b>					<b>775</b>		<b>41601</b>	
<b>Total</b>			<b>101.446</b>	<b>745</b>					<b>13369.27</b>		<b>694880</b>	

### Water Harvesting Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
1	WHB-1	109, 110, 111, 113, 101, 101, 89, 59, 105	35.840	110	3.00	17.50	2.90	29.72	3269.20	51.04	147260	Prami Lal, Natthu, Uma Sanker, Shyam Lal, Girja Sanker
Soil Work												
Pre Earth Work									-384			
									2885.20			
Dag Velling							110*5	550 m.@0.07			38.50	
Cleaning							110*17. 50	1925 sqm. @ 3.40			6545	
<b>Sub Total</b>			<b>35.840</b>	<b>110</b>					<b>2885.20</b>		<b>153843.50</b>	
2	WHB-2	19, 20, 22, 23, 41, 42, 44, 45, 60, 38, 28, 29, 12, 37, 34, 35, 36	45.720	210	3.00	18.00	3.00	31.50	6615	73.50	294756	Ram Prakash
Soil Work				150	1.50	6.50	1.40	25.60				
Pre Earth Work									-840			
									5775			
Dag Velling							210*5	1050 m.@ 0.07			73.50	
Cleaning							210*18	3780 @ 3.40			12852	
<b>Sub Total</b>			<b>45.720</b>	<b>210</b>					<b>5775</b>		<b>307681.50</b>	

### Water Harvesting Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name	
3	WHB-3	128, 129, 130, 118, 117, 127, 137, 155	20.750	65	3.00	19.50	3.30	37.13	2413	51.04	118249	Pradeep Kumar, Durga Prasad	
				20	3.00	17.00	2.80	28.00					
				20	1.50	6.50	1.20	4.80					
									-96				
Pre Earth Work									2317				
Dag Velling							60*5	300 m.@0.07			22.75		
Cleaning							65*19.5 0	1267.50 sqm.@ 3.40			4309.50		
<b>Sub Total</b>			<b>20.750</b>	<b>65</b>					<b>2317</b>		<b>122581.25</b>		
4	WHB-4	119, 120, 121, 122, 123, 124, 125, 126, 127, 128	15.072	65	3.00	18.00	3.00	31.50	2047.50	51.04	96542.16		
				30	1.50	6.50	1.30	5.20					
Pre Earth Work									-156				
Dag Velling									1891.50				
Cleaning							65*5	325 m.@ 0.07			22.75		
<b>Sub Total</b>			<b>15.072</b>	<b>65</b>					<b>1891.50</b>		<b>100542.91</b>		
<b>Total</b>			<b>117.382</b>	<b>450.000</b>					<b>12868.50</b>		<b>684648.00</b>		

**Contour Bund**

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount
1	CB-1	1035, 1038, 1039, 1040, 1042, 1043, 1044, 1045	4.03	300.00	0.40	2.55	0.70	1.03	310	39.15	12127
2	CB-2	1032, 1033, 1034	4.05	300.00	0.40	2.55	0.70	1.03	310	39.15	12127
3	CB-3	1021, 1022, 1023, 1024	3.37	250.00	0.40	2.55	0.70	1.03	258	39.15	10106
4	CB-4	1246, 1244, 1243	1.35	100.00	0.40	2.55	0.70	1.03	103	39.15	4042
5	CB-5	1249, 1246	3.39	250.00	0.40	2.55	0.70	1.03	258	39.15	10106
6	CB-6	1242, 1243, 1244, 1245, 1246, 1247, 1248	4.71	350.00	0.40	2.55	0.70	1.03	361	39.15	14148
7	CB-7	1367, 1368, 1369, 1366, 1371, 1386, 1387, 1388, 1389, 1399	4.72	350.00	0.40	2.55	0.70	1.03	361	39.15	14148
8	CB-8	9, 12, 96, 97	3.37	250.00	0.40	2.55	0.70	1.03	258	39.15	10106
9	CB-9	552, 555, 554	4.04	300.00	0.40	2.55	0.70	1.03	310	39.15	12127
10	CB-10	338, 339	3.35	250.00	0.40	2.55	0.70	1.03	258	39.15	10106
11	CB-11	191, 195	6.06	450.00	0.40	2.55	0.70	1.03	465	39.15	18190
12	CB-12	154	2.69	200.00	0.40	2.55	0.70	1.03	207	39.15	8084
13	CB-13	1305, 1308, 1307, 1304	4.04	300.00	0.40	2.55	0.70	1.03	310	39.15	12127
14	CB-14	1277, 1275, 1276, 1267, 1263, 1262, 1272	3.35	250.00	0.40	2.55	0.70	1.03	258	39.15	10106
<b>Sub Total</b>			<b>52.51</b>	<b>3900.00</b>					<b>4027</b>		<b>157647</b>

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount
1	SB-1	66, 60, 83, 82, 81, 93, 90, 91, 88, 77, 78, 75, 73, 596	15.67	800	0.6	3.9	1.1	2.470	1976	39.15	77360
2	SB-2	2, 7, 8	9.79	500	0.6	3.9	1.1	2.470	1235	39.15	48350
3	SB-3	56, 61, 64, 68, 69, 70, 85, 65, 67	18.63	900	0.6	3.9	1.1	2.470	2223	39.15	87030
4	SB-4	22, 27, 37, 36, 41, 52, 54, 39, 40	15.67	800	0.6	3.9	1.1	2.470	1976	39.15	77360
5	SB-5	527, 534, 532, 535, 5374	7.84	400	0.6	3.9	1.1	2.470	988	39.15	38680
6	SB-6	25, 26, 30, 45, 530, 525, 521, 520, 519, 518, 510	18.63	900	0.6	3.9	1.1	2.470	2223	39.15	87030
7	SB-7	447, 446, 506, 509, 510, 507, 495, 496	13.71	700	0.6	3.9	1.1	2.470	1729	39.15	67690
8	SB-8	30, 36, 34, 45- 47, 49-51, 119, 118, 115, 112, 113	17.62	900	0.6	3.9	1.1	2.470	2223	39.15	87030
9	SB-9	4013, 32, 33, 41, 40, 39, 38, 37, 36, 31, 32	16.65	850	0.6	3.9	1.1	2.470	2100	39.15	82195
10	SB-10	9, 27, 34, 42, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25	11.75	600	0.6	3.9	1.1	2.470	1482	39.15	58020
11	SB-11	566, 575, 588, 101-106, 574, 573, 572, 565	9.80	500	0.6	3.9	1.1	2.470	1235	39.15	48350
12	SB-12	1, 2, 3, 5	8.81	450	0.6	3.9	1.1	2.470	1112	39.15	43515
13	SB-13	596, 593, 592, 587	7.83	400	0.6	3.9	1.1	2.470	988	39.15	38680
14	SB-14	601, 602, 604, 605, 599	7.84	400	0.6	3.9	1.1	2.470	988	39.15	38680
15	SB-15	550, 557, 558, 576, 584, 586, 576, 577, 591, 592, 593	13.72	700	0.6	3.9	1.1	2.470	1729	39.15	67690
16	SB-16	490, 486, 485, 481, 480, 472, 466, 464, 458, 460, 470, 471, 483	21.55	1100	0.6	3.9	1.1	2.470	2717	39.15	106371
17	SB-17	491, 479, 478, 416, 415, 408, 409	17.63	900	0.6	3.9	1.1	2.470	2223	39.15	87030
18	SB-18	444, 443, 442, 416, 415, 408, 409	9.80	500	0.6	3.9	1.1	2.470	1235	39.15	48350
19	SB-19	439, 426, 424, 423, 451, 452, 400, 399, 398, 395, 397, 405, 404, 402, 418, 419, 427, 428	10.78	550	0.6	3.9	1.1	2.470	1359	39.15	53185
20	SB-20	374/2285, 375, 376, 377, 378, 379, 380, 391, 373	11.75	600	0.6	3.9	1.1	2.470	1482	39.15	58020
21	SB-21	133 - 154	18.63	900	0.6	3.9	1.1	2.470	2223	39.15	87030
22	SB-22	89, 66, 101, 103, 117, 118, 119, 144, 164, 166, 169, 170, 172, 330, 329, 328, 326	29.37	1500	0.6	3.9	1.1	2.470	3705	39.15	145051
23	SB-23	333, 334, 335, 384, 385, 389, 388, 360, 361	5.88	300	0.6	3.9	1.1	2.470	741	39.15	29010
24	SB-24	114, 117, 118, 143, 144, 166, 168, 169, 330, 328, 327, 326	23.50	1200	0.6	3.9	1.1	2.470	2964	39.15	116041
25	SB-25	43, 47, 46, 57, 59, 176, 58, 44	17.63	900	0.6	3.9	1.1	2.470	2223	39.15	87030
26	SB-26	16, 21, 25, 30, 29, 24, 23, 12	9.80	500	0.6	3.9	1.1	2.470	1235	39.15	48350
27	SB-27	2, 14, 18, 20, 27, 31, 42, 50, 56, 60, 186, 184, 182, 180, 177, 49, 65, 4, 3	25.46	1300	0.6	3.9	1.1	2.470	3211	39.15	125711

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount
28	SB-28	1312, 1321, ,1331, 1337, 1339, 1335, 1333, 1309, 1310	8.81	450	0.6	3.9	1.1	2.470	1112	39.15	43515
29	SB-29	1178, 1216, 1217, 1221, 1230, 1228, 1231, 1223	17.63	900	0.6	3.9	1.1	2.470	2223	39.15	87030
30	SB-30	1211, 1212, 1213, 1216, 1225, 1220	11.75	600	0.6	3.9	1.1	2.470	1482	39.15	58020
31	SB-31	1160, 1166, 1188, 1192, 1195, 1196, 1200, 1201, 1202, 1203, 1199, 1187, 1166	13.71	700	0.6	3.9	1.1	2.470	1729	39.15	67690
32	SB-32	273, 274, 277, 278, 279, 280, 1235, 1237, 1238, 1239, 1240	13.72	700	0.6	3.9	1.1	2.470	1729	39.15	67690
33	SB-33	247, 246, 258, 299	5.88	300	0.6	3.9	1.1	2.470	741	39.15	29010
34	SB-34	83, 244, 256, 257, 284, 285	9.79	500	0.6	3.9	1.1	2.470	1235	39.15	48350
35	SB-35	214, 187, 183, 184, 185, 192, 193, 195, 200	11.75	600	0.6	3.9	1.1	2.470	1482	39.15	58020
36	SB-36	238, 228, 225, 174, 178, 176, 175, 221, 222, 220, 218	8.82	450	0.6	3.9	1.1	2.470	1112	39.15	43515
37	SB-37	166, 172, 152, 151, 150, 227, 226, 169, 170, 172, 163, 160	9.80	500	0.6	3.9	1.1	2.470	1235	39.15	48350
38	SB-38	922, 927, 942, 940, 928, 924	13.72	700	0.6	3.9	1.1	2.470	1729	39.15	67690
39	SB-39	986, 989, 988, 991	6.86	350	0.6	3.9	1.1	2.470	865	39.15	33845
40	SB-40	920, 926, 932, 931, 934, 943, 944, 937	11.76	600	0.6	3.9	1.1	2.470	1482	39.15	58020
41	SB-41	980, 981, 996, 983	9.79	500	0.6	3.9	1.1	2.470	1235	39.15	48350
42	SB-42	228/1354, 334, 333, 337, 335, 336	6.87	350	0.6	3.9	1.1	2.470	865	39.15	33845
43	SB-43	275, 278, 332, 346, 344, 273, 274	12.75	600	0.6	3.9	1.1	2.470	1482	39.15	58020
44	SB-44	127, 135, 139	18.63	900	0.6	3.9	1.1	2.470	2223	39.15	87030
45	SB-45	160, 161, 187, 190	10.78	550	0.6	3.9	1.1	2.470	1359	39.15	53185
46	SB-46	194, 199, 201, 207, 205, 204, 197, 196	11.76	600	0.6	3.9	1.1	2.470	1482	39.15	58020
47	SB-47	212, 241, 243, 242, 244, 245, 246, 247, 248	11.76	600	0.6	3.9	1.1	2.470	1482	39.15	58020
48	SB-48	215, 237, 256, 252-254, 214, 250, 240, 239, 249	13.72	700	0.6	3.9	1.1	2.470	1729	39.15	67690
<b>Sub Total</b>			<b>635.77</b>	<b>32200</b>					<b>79534</b>		<b>3113756</b>

### Peripheral Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount
1	PB-1	399, 400, 408, 410, 412, 407, 405, 401, 402, 403	12.50	600	0.6	4.2	1.2	2.88	1728	41.21	71211
2	PB-2	414, 417, 35, 36, 38, 32, 33, 415	8.33	400	0.6	4.2	1.2	2.88	1152	41.21	47474
3	PB-3	51, 54, 61, 197, 189, 190	12.50	600	0.6	4.2	1.2	2.88	1728	41.21	71211
4	PB-4	409, 410, 609, 608, 606, 412, 408	12.50	600	0.6	4.2	1.2	2.88	1728	41.21	71211
5	PB-5	630, 625, 624, 623, 628, 622, 621, 626	12.49	600	0.6	4.2	1.2	2.88	1728	41.21	71211
6	PB-6	2, 3, 6, 28, 7, 8	12.91	620	0.6	4.2	1.2	2.88	1786	41.21	73585
7	PB-7	84, 86, 94, 96, 97, 98, 100, 104, 107, 108, 87 - 91	8.33	400	0.6	4.2	1.2	2.88	1152	41.21	47474
8	PB-8	133, 132, 130, 131, 135, 136, 148	5.21	250	0.6	4.2	1.2	2.88	720	41.21	29671
9	PB-9	914, 915, 917, 918, 947, 948, 950	16.66	800	0.6	4.2	1.2	2.88	2304	41.21	94948
10	PB-10	326, 325, 307, 391, 292, 290, 284, 285, 287, 288	8.33	400	0.6	4.2	1.2	2.88	1152	41.21	47474
11	PB-11	379, 380, 383, 388, 386, .385, 376, 374	8.34	400	0.6	4.2	1.2	2.88	1152	41.21	47474
12	PB-12	963, 967, 968, 966, 970, 971	8.75	420	0.6	4.2	1.2	2.88	1210	41.21	49848
13	PB-13	995, 977, 979, 999, 998, 997, 1000	14.58	700	0.6	4.2	1.2	2.88	2016	41.21	83079
<b>Sub Total</b>			<b>141.44</b>	<b>6790</b>					<b>19555</b>		<b>805870</b>

### Marginal Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount
1	MB-1	74, 75, 76 To 90	13.76	660	0.6	4.2	1.2	2.88	1901	41.21	78331.97
2	MB-2	502, 501, 500, 499	8.35	400	0.6	4.2	1.2	2.88	1152	41.21	47474
3	MB-3	1, 4, 5, 14, 15, 16, 17, 18, 11, 12	14.998	720	0.6	4.2	1.2	2.88	2074	41.21	85453
4	MB-4	129, 146, 148, 152, 144, 151, 153	12.725	610	0.6	4.2	1.2	2.88	1757	41.21	72398
5	MB-5	173, 174 To 181	13.127	630	0.6	4.2	1.2	2.88	1814	41.21	74771
6	MB-6	183, 184	4.799	230	0.6	4.2	1.2	2.88	662	41.21	27298
7	MB-7	211, 216, 220, 221, 230, 232, 233, 234, 261, 262, 260, 259, 258, 257, 236	17.193	825	0.6	4.2	1.2	2.88	2376	41.21	97915
<b>Sub Total</b>			<b>84.952</b>	<b>4075</b>					<b>11736</b>		<b>483640.6</b>
<b>Grand Total</b>			<b>914.68</b>	<b>46965.00</b>					<b>114852</b>		<b>4560914</b>

**Contour Bund - MIJHANA (Jalaun--19)**

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount
1	CB-1	27, 28, 25, 24, 23, 22, 21, 20, 19, 18	8.10	600	0.40	2.55	0.70	1.03	620	39.15	24253
2	CB-2	300	3.61	250	0.40	2.55	0.70	1.03	258	39.15	10106
3	CB-3	303	2.69	200	0.40	2.55	0.70	1.03	207	39.15	8084
4	CB-4	507, 508	6.12	450	0.40	2.55	0.70	1.03	465	39.15	18190
5	CB-5	509, 510, 51, 512, 513, 514, 474, 503, 504	7.38	550	0.40	2.55	0.70	1.03	568	39.15	22232
6	CB-6	680, 678, 677, 600, 675, 676, 623, 630, 631, 619, 620	7	250	0.40	2.55	0.70	1.03	258	39.15	10106
7	CB-7	4, 5	3.36	250	0.40	2.55	0.70	1.03	258	39.15	10106
8	CB-8	107, 103, 93, 92, 133, 134, 135	8.74	650	0.40	2.55	0.70	1.03	671	39.15	26275
<b>Sub Total</b>			<b>47.38</b>	<b>3200</b>					<b>3304</b>		<b>129352</b>

**Peripheral Bund**

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount
1	PB-1	265, 269, 258-261, 240, 241, 242, 243, 244, 245, 235	10.23	500	0.60	4.20	1.20	2.88	1440	41.21	59342
2	PB-2	276, 275, 277, 273, 279, 278	11.26	550	0.60	4.20	1.20	2.88	1584	41.21	65277
3	PB-3	220, 221, 223, 222, 224, 225, 229, 230, 336, 325, 324	17.39	850	0.60	4.20	1.20	2.88	2448	41.21	100882
4	PB-4	235, 236, 240, 208, 163, 173, 176, 177, 175	12.31	600	0.60	4.20	1.20	2.88	1728	41.21	71211
5	PB-5	241, 245, 248, 257, 249, 241	13.3	650	0.60	4.20	1.20	2.88	1872	41.21	77145
6	PB-6	875 - 282, 290, 292, 297, 296, 217, 218	21.49	1050	0.60	4.20	1.20	2.88	3024	41.21	124619
<b>Sub Total</b>			<b>85.98</b>	<b>4200</b>					<b>12096</b>		<b>498476</b>

**Marginal Bund**

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount
1	MB-1	19, 20, 25, 28, 29, 27, 30, 31, 32, 13, 14, 15, 16	13.30	650	0.60	4.20	1.20	2.88	1872	41.21	77145
2	MB-2	111, 110, 117- 126, 107-109	12.28	600	0.60	4.20	1.20	2.88	1728	41.21	71211
3	MB-3	92, 96, 95, 99, 100, 101, 97, 84, 85, 86, 87, 88, 89, 90	11.31	550	0.60	4.20	1.20	2.88	1584	41.21	65277
4	MB-4	629, 632, 507, 508, 509, 510, 511, 616, 629, 630	11.00	540	0.60	4.20	1.20	2.88	1555	41.21	64090
5	MB-5	255, 241, 242, 243, 244, 245, 246, 247, 248, 249	8.63	400	0.60	4.20	1.20	2.88	1152	41.21	47474
<b>Sub Total</b>			<b>56.52</b>	<b>2740</b>					<b>7891</b>		<b>325196</b>

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount
1	SB-1	3, 8, 9, 10, 11, 12, 13, 147, 33, 34, 62, 63, 18, 19, 20, 26, 27, 28	10.51	1000	0.60	3.90	1.10	2.48	2475	41.21	101994.8
2	SB-2	61, 62, 63, 64, 65, 66, 67, 68, 69	10.21	550	0.60	3.90	1.10	2.48	1361	41.21	56097
3	SB-3	171, 169, 162, 167, 166	10.21	300	0.60	3.90	1.10	2.48	743	41.21	30598
4	SB-4	74, 75, 71, 72, 149, 152, 153	5.58	550	0.60	3.90	1.10	2.48	1361	41.21	56097
5	SB-5	141, 143, 144, 140, 139, 142, 151, 147, 146	9.45	460	0.60	3.90	1.10	2.48	1139	41.21	46918
6	SB-6	662, 637, 638, 639, 607, 606, 608, 609, 610, 6258, 635, 668, 669	10.55	570	0.60	3.90	1.10	2.48	1411	41.21	58137
7	SB-7	654	1.85	100	0.60	3.90	1.10	2.48	248	41.21	10199
8	SB-8	17, 18, 19, 500, 474, 493, 492, 491, 489	10.56	570	0.60	3.90	1.10	2.48	1411	41.21	58137.01
9	SB-9	564, 565, 566, 567, 568	6.49	350	0.60	3.90	1.10	2.48	866	41.21	35698
10	SB-10	17, 18, 19, 20	4.33	250	0.60	3.90	1.10	2.48	619	41.21	25499
11	SB-11	437	1.89	100	0.60	3.90	1.10	2.48	248	41.21	10199
12	SB-12	438, 359, 358, 357, 356, 360, 368, 369	5.56	300	0.60	3.90	1.10	2.48	743	41.21	30598
13	SB-13	388, 387, 386, 390, 393	8.33	450	0.60	3.90	1.10	2.48	1114	41.21	45898
14	SB-14	372	2.24	120	0.60	3.90	1.10	2.48	297	41.21	12239
15	SB-15	347, 319, 320, 321, 322, 324, 206, 286, 282, 281, 284, 285, 288, 289, 296	10.52	1000	0.60	3.90	1.10	2.48	2475	41.21	101995
16	SB-16	306, 312	4.71	250	0.60	3.90	1.10	2.48	619	41.21	25499
17	SB-17	291, 292, 293, 294, 295, 296, 297, 298, 251, 252, 253	8.34	450	0.60	3.90	1.10	2.48	1114	41.21	45898
18	SB-18	750, 751, 749, 746, 747, 463, 764	8.52	460	0.60	3.90	1.10	2.48	1139	41.21	46918
19	SB-19	287, 288, 289	4.29	250	0.60	3.90	1.10	2.48	619	41.21	25499

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount
20	SB-20	6, 7, 8, 9 , 10, 11, 12, 13	5.61	300	0.60	3.90	1.10	2.48	743	41.21	30598
21	SB-21	251, 252, 253, 254, 255, 260	10.38	560	0.60	3.90	1.10	2.48	1386	41.21	57117
22	SB-22	145, 146, 163, 161, 158, 157, 147	9.35	500	0.60	3.90	1.10	2.48	1238	41.21	50997
23	SB-23	167	5.65	300	0.60	3.90	1.10	2.48	743	41.21	30598
24	SB-24	136, 128, 131	4.73	250	0.60	3.90	1.10	2.48	619	41.21	25499
25	SB-25	111	2.88	150	0.60	3.90	1.10	2.48	371	41.21	15299
26	SB-26	114, 119, 115, 116, 117	3.81	200	0.60	3.90	1.10	2.48	495	41.21	20398.95
27	SB-27	175, 173, 126, 368, 369, 370	14.82	800	0.60	3.90	1.10	2.48	1980	41.21	81596
28	SB-28	326, 328	7.35	400	0.60	3.90	1.10	2.48	990	41.21	40798
29	SB-29	109, 104, 103, 101, 108, 93, 138, 139, 140	16.66	900	0.60	3.90	1.10	2.48	2228	41.21	91795
30	SB-30	956, 957, 1010, 1012, 1013, 1014, 1015, 1016, 944, 945, 940	9.35	500	0.60	3.90	1.10	2.48	1238	41.21	50997
31	SB-31	304, 305, 306, 307	9.63	500	0.60	3.90	1.10	2.48	1238	41.21	50997
32	SB-32	36, 37, 38, 39, 40 To 60	14.81	800	0.60	3.90	1.10	2.48	1980	41.21	81596
33	SB-33	72, 78, 79, 80, 81	7.50	400	0.60	3.90	1.10	2.48	990	41.21	40798
<b>Sub Total</b>			<b>256.63</b>	<b>14640</b>					<b>36234</b>		<b>1493203</b>

### Water Harvesting Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount
1	WHB-1	P	15.726	80	3.00	15.50	2.50	23.13	1850	47.96	88726
<b>Sub Total</b>			<b>15.726</b>	<b>80</b>	<b>3.00</b>				<b>1850</b>		<b>88726</b>
<b>Grand Total</b>			<b>446.51</b>	<b>24860</b>					<b>61375</b>		<b>2534953</b>

**Contour Bund**

<b>S. No.</b>	<b>Activity</b>	<b>Khasra No.</b>	<b>Area</b>	<b>Length</b>	<b>Top</b>	<b>Base</b>	<b>Height</b>	<b>C. S.</b>	<b>E. W.</b>	<b>Rate</b>	<b>Amount</b>	<b>Farmer Name</b>
1	CB-1	692, 694, 695	4.51	625.00	0.50	2.00	0.80	1.00	625	35.80	22375	Bajrang Singh, Vishal Singh
2	CB-2	690, 691	4.78	625.00	0.50	2.00	0.80	1.00	625	35.80	22375	Smt. Urmila Devi, Mahesh Chandra, Suresh Kumar
3	CB-3	669, 670	5.80	800.00	0.50	2.00	0.80	1.00	800	35.80	28640	Ambika Prasad, Mahesh Chandra
4	CB-4	659, 660	3.16	425.00	0.50	2.00	0.80	1.00	425	35.80	15215	Om Pal Singh
5	CB-5	640, 641, 642	5.55	775.00	0.50	2.00	0.80	1.00	775	35.80	27745	Veer Pal Singh, Vijay Pal Singh
6	CB-6	615, 616	3.90	540.00	0.50	2.00	0.80	1.00	540	35.80	19332	Samerjeet Singh
7	CB-7	604	2.83	390.00	0.50	2.00	0.80	1.00	390	35.80	13962	Hari Ram, Chote Lal
8	CB-8	584, 585	4.61	600.00	0.50	2.00	0.80	1.00	600	35.80	21480	Puran, Ram Sahay
9	CB-9	556	6.01	800.00	0.50	2.00	0.80	1.00	800	35.80	28640	Krishan Kumar, Dipendra Singh, Sailendra Singh
10	CB-10	689/1, 689/2	6.62	900.00	0.50	2.00	0.80	1.00	900	35.80	32220	Vijay Kumar, Sudha Singh
11	CB-11	688	2.70	370.00	0.50	2.00	0.80	1.00	370	35.80	13246	Sushila Singh, Ganga Singh
12	CB-12	668	6.26	800.00	0.50	2.00	0.80	1.00	800	35.80	28640	Hakim Singh, Raghunath Singh
13	CB-13	667	1.62	200.00	0.50	2.00	0.80	1.00	200	35.80	7160	Shyam Sundar, Vijay Kumar
14	CB-14	655	4.73	650.00	0.50	2.00	0.80	1.00	650	35.80	23270	Asha Ram, Devendra Kumar
15	CB-15	654	3.74	520.00	0.50	2.00	0.80	1.00	520	35.80	18616	Raj Bahadur, Pradeep Kumar
16	CB-16	634, 636, 638, 637	5.88	900.00	0.50	2.00	0.80	1.00	900	35.80	32220	Sopmendra Kumar, Ravindra Kumar
17	CB-17	656, 657, 658	3.60	400.00	0.50	2.00	0.80	1.00	400	35.80	14320	Smt. Urmila Devi
<b>Kaccha Work</b>			<b>76.29</b>	<b>10320</b>					<b>10320</b>		<b>369456</b>	
<b>Pucca Work</b>											<b>22043</b>	
<b>Total</b>											<b>391499</b>	

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Lenth	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
1	SB-1	698, 699	9.85	700.00	0.60	3.90	1.10	2.48	1732.50			Arun Kumar, Brijendra Kumar, Nand Kumar
	<b>Old Work</b>								-105.00			
	<b>Sub Total</b>								<b>1627.50</b>	<b>37.70</b>	<b>61356.75</b>	
2	SB-2	697	6.89	500.00	0.60	3.90	1.10	2.48	1237.50			Ram Kishor, Jagmohan, Gaya Prasad
	<b>Old Work</b>								-75.00			
	<b>Sub Total</b>								<b>1162.50</b>	<b>37.70</b>	<b>43826.25</b>	
3	SB-3	674, 675, 676, 677, 678, 679, 681, 682, 683, 684, 686, 687	6.16	400.00	0.60	3.90	1.10	2.48	990.00			Arun Kumar, Sanker Dayal, Ashok Kumar
	<b>Old Work</b>								-60.00			
	<b>Sub Total</b>								<b>930.00</b>	<b>37.70</b>	<b>35061.00</b>	
4	SB-4	665, 666	6.37	400.00	0.60	3.90	1.10	2.48	990.00			Brijendra Kumar, Ganga Singh
	<b>Old Work</b>								-60.00			
	<b>Sub Total</b>								<b>930.00</b>	<b>37.70</b>	<b>35061.00</b>	
5	SB-5	647, 650, 649, 651, 652	6.35	400.00	0.60	3.90	1.10	2.48	990.00			Ram Pal Singh, Mahesh Chandra, Ganga Singh
	<b>Old Work</b>								-60.00			
	<b>Sub Total</b>								<b>930.00</b>	<b>37.70</b>	<b>35061.00</b>	
6	SB-6	620, 621, 623	5.71	350.00	0.60	3.90	1.10	2.48	866.25			Asha Ram, Devendra Kumar
	<b>Old Work</b>								-52.50			
	<b>Sub Total</b>								<b>813.75</b>	<b>37.70</b>	<b>30678.38</b>	
7	SB-7	624, 625, 626	4.82	300.00	0.60	3.90	1.10	2.48	742.50			
	<b>Old Work</b>								-45.00			Raja Ram, Sita Ram, Shri Ram
	<b>Sub Total</b>								<b>697.50</b>	<b>37.70</b>	<b>26295.75</b>	

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Lenth	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
8	SB-8	627, 628	6.97	400.00	0.60	3.90	1.10	2.48	990.00			Sita Ram, Sathrughan
	<b>Old Work</b>								-60.00			
	<b>Sub Total</b>								<b>930.00</b>	<b>37.70</b>	<b>35061.00</b>	
9	SB-9	630, 631, 633	3.92	250.00	0.60	3.90	1.10	2.48	618.75			Sunil Kumar, Janak Singh Ranjeet Singh
	<b>Old Work</b>								-37.50			
	<b>Sub Total</b>								<b>581.25</b>	<b>37.70</b>	<b>21913.13</b>	
10	SB-10	611, 612	5.20	300.00	0.60	3.90	1.10	2.48	742.50			Smt. Usha Devi
	<b>Old Work</b>								-45.00			
	<b>Sub Total</b>								<b>697.50</b>	<b>37.70</b>	<b>26295.75</b>	
11	SB-11	609, 610	7.07	450.00	0.60	3.90	1.10	2.48	1113.75			Lallu Lal
	<b>Old Work</b>								-67.50			
	<b>Sub Total</b>								<b>1046.25</b>	<b>37.70</b>	<b>39443.63</b>	
12	SB-12	606, 607, 608	4.34	300.00	0.60	3.90	1.10	2.48	742.50			Sanker Singh, Arun, Puran
	<b>Old Work</b>								-45.00			
	<b>Sub Total</b>								<b>697.50</b>	<b>37.70</b>	<b>26295.75</b>	
13	SB-13	357- 362, 366- 369, 371, 372	4.08	300.00	0.60	3.90	1.10	2.48	742.50			Ram Bihari, Raja Ram, Ram Prakash
	<b>Old Work</b>								-45.00			
	<b>Sub Total</b>								<b>697.50</b>	<b>37.70</b>	<b>26295.75</b>	
14	SB-14	486 - 490	3.01	200.00	0.60	3.90	1.10	2.48	495.00	37.70	18661.50	Bharat Singh, Prabhu Dayal
15	SB-15	591, 592	1.67	150.00	0.60	3.90	1.10	2.48	371.25	37.70	13996.13	Sudarsan Singh
16	SB-16	593- 598	4.16	300.00	0.60	3.90	1.10	2.48	742.50			
	<b>Old Work</b>								-45.00			Karan Singh, Chandra Pal Singh, Mull Chandra Singh, Surendra Singh
	<b>Sub Total</b>								<b>697.50</b>	<b>37.70</b>	<b>26295.75</b>	

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Lenth	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
17	SB-17	601, 602	7.38	400.00	0.60	3.90	1.10	2.48	990.00			Govind Singh, Than Singh
	<b>Old Work</b>								-67.50			
	<b>Sub Total</b>								<b>922.50</b>	<b>37.70</b>	<b>34778.25</b>	
18	SB-18	603	6.31	400.00	0.60	3.90	1.10	2.48	990.00			Radhe Shyam
	<b>Old Work</b>								-60.00			
	<b>Sub Total</b>								<b>930.00</b>	<b>37.70</b>	<b>35061.00</b>	
19	SB-19	582, 583	7.81	500.00	0.60	3.90	1.10	2.48	1237.50			Tezz Singh, Puran Singh
	<b>Old Work</b>								-75.00			
	<b>Sub Total</b>								<b>1162.50</b>	<b>37.70</b>	<b>43826.25</b>	
20	SB-20	553, 554, 555	3.85	250.00	0.60	3.90	1.10	2.48	618.75			Yogendra Singh, Avdhesh Singh
	<b>Old Work</b>								-37.50			
	<b>Sub Total</b>								<b>581.25</b>	<b>37.70</b>	<b>21913.13</b>	
21	SB-21	542, 543	16.01	500.00	0.60	3.90	1.10	2.48	1237.50			Rajiv Singh, Brijendra Singh
	<b>Old Work</b>								-70.00			
	<b>Sub Total</b>								<b>1167.50</b>	<b>37.70</b>	<b>44014.75</b>	
22	SB-22	541	5.11	400.00	0.60	3.90	1.10	2.48	990.00			Smt. Urmila Devi
	<b>Old Work</b>								-60.00			
	<b>Sub Total</b>								<b>930.00</b>	<b>37.70</b>	<b>35061.00</b>	
23	SB-23	526, 527, 529, 530, 532-534	7.23	400.00	0.60	3.90	1.10	2.48	990.00	37.70	37323.00	Vikram Singh, Dhrmendra Singh,
24	SB-24	522, 523, 524	7.48	600.00	0.60	3.90	1.10	2.48	1485.00	37.70	55984.50	Ram Prakash, Raja Ram
25	SB-25	539, 540	12.79	900.00	0.60	3.90	1.10	2.48	2227.50			
	<b>Old Work</b>								-135.00			Surendra Singh, Ram Singh
	<b>Sub Total</b>								<b>2092.50</b>	<b>37.70</b>	<b>78887.25</b>	
26	SB-26	549, 550, 551, 552	8.56	600.00	0.60	3.90	1.10	2.48	1485.00	37.70	55984.50	Ganesh, Govind Singh, Ashish Kumar

## Submergence Bund

S. No.	Activity	Khasra No.	Area	Lenth	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
27	SB-27	569, 570, 573, 574, 575, 576, 578, 579, 580	2.84	200.00	0.60	3.90	1.10	2.48	495.00	37.70	18661.50	Ram Saran Singh, Shiv CharanRaghwar Singh
28	SB-28	561, 562, 563, 564	8.64	600.00	0.60	3.90	1.10	2.48	1485.00	37.70	55984.50	Chandra Pal Singh, Karan Singh, Gaya Prasad
29	SB-29	546, 547, 548, 549	8.69	600.00	0.60	3.90	1.10	2.48	1485.00	37.70	55984.50	Babbu Raj, Sahdev Singh
30	SB-30	538	11.37	800.00	0.60	3.90	1.10	2.48	1980.00			Amar Singh, Sita Ram, Jai Ram
	<b>Old Work</b>								-120.00			
	<b>Sub Total</b>								<b>1860.00</b>	<b>37.70</b>	<b>70122.00</b>	
31	SB-31	507, 508	5.81	400.00	0.60	3.90	1.10	2.48	990.00	37.70	37323.00	Virendra Singh, Govind
32	SB-32	497, 498, 500- 502, 504, 766	5.32	400.00	0.60	3.90	1.10	2.48	990.00	37.70	37323.00	Vishwnath SinghHalke, Babu
33	SB-33	491, 494, 493, 497, 545	4.38	300.00	0.60	3.90	1.10	2.48	742.50	37.70	27992.25	Govind Singh, Narendra Singh Rajendra Singh
34	SB-34	243, 254-258, 263, 264, 265	8.90	600.00	0.60	3.90	1.10	2.48	1485.00	37.70	55984.50	Ram Prakash, Govind Singh
35	SB-35	260, 261, 262	3.04	300.00	0.60	3.90	1.10	2.48	742.50	37.70	27992.25	Surendra Singh, Viswanath
36	SB-36	245,246	2.00	100.00	0.60	3.90	1.10	2.48	247.50	37.70	9330.75	Raja Ram
37	SB-37	246, 247	7.14	500.00	0.60	3.90	1.10	2.48	1237.50	37.70	46653.75	Raj Bahadur Singh
38	SB-38	704	2.72	200.00	0.60	3.90	1.10	2.48	495.00			Sanker Sahay, Sarju Devi
	<b>Old Work</b>								-30.00			
	<b>Sub Total</b>								<b>465.00</b>	<b>37.70</b>	<b>17530.50</b>	
39	SB-39	707- 711	11.68	800.00	0.60	3.90	1.10	2.48	1980.00			Sahdev Singh, Dipendra, Sailendra
	<b>Old Work</b>								-120.00			
	<b>Sub Total</b>								<b>1860.00</b>	<b>37.70</b>	<b>70122.00</b>	

## Submergence Bund

S. No.	Activity	Khasra No.	Area	Lenth	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
40	SB-40	712, 713, 714, 716, 717, 718, 719, 720, 721, 723, 722	11.89	800.00	0.60	3.90	1.10	2.48	1980.00			Swami Narayan, Rameshwar, Raj Kumar
	<b>Old Work</b>								-120.00			
	<b>Sub Total</b>								<b>1860.00</b>	<b>37.70</b>	<b>70122.00</b>	
41	SB-41	354, 355	2.15	180.00	0.60	3.90	1.10	2.48	445.50	37.70	16795.35	Ram Singh, Dinesh, OmPrakash
42	SB-42	323, 324, 351, 352, 325, 347	3.69	300.00	0.60	3.90	1.10	2.48	742.50	37.70	27992.25	Bhagirath, Shiv Charan, Ram Prakash
43	SB-43	390, 391, 392, 394	1.64	100.00	0.60	3.90	1.10	2.48	247.50	37.70	9330.75	Ramesh, Durga Singh
44	SB-44	396, 397, 404, 394, 405	10.46	700.00	0.60	3.90	1.10	2.48	1732.50		65315.25	Raghvendra Singh, Prahlad Singh, Kailash
	<b>Old Work</b>								-105.00			
	<b>Sub Total</b>								<b>1627.50</b>	<b>37.70</b>	<b>61356.75</b>	
45	SB-45	410, 412, 413, 414, 416, 417, 418, 430	4.17	300.00	0.60	3.90	1.10	2.48	742.50	<b>37.70</b>	27992.25	Savitri Devi, Raj Pal Singh, Ramesh
46	SB-46	420, 421	2.77	200.00	0.60	3.90	1.10	2.48	495.00	37.70	18661.50	Ram Sevak, Sudha Singh, Sakuntla, Sushila, Urmila
47	SB-47	432, 433, 434	2.16	150.00	0.60	3.90	1.10	2.48	371.25	37.70	13996.13	Ganga Singh, Hanuman Singh,Sudha Singh
48	SB-48	223, 224, 225	3.22	200.00	0.60	3.90	1.10	2.48	495.00	37.70	18661.50	Mata Deen
49	SB-49	435, 437, 439, 440, 441	3.81	250.00	0.60	3.90	1.10	2.48	618.75			
	<b>Old Work</b>								-37.50			
	<b>Sub Total</b>								<b>581.25</b>	<b>37.70</b>	<b>21913.13</b>	
50	SB-50	444	2.86	250.00	0.60	3.90	1.10	2.48	618.75	37.70	23326.88	Raghu Raj Singh, Durga Singh
51	SB-51	426, 427	2.34	200.00	0.60	3.90	1.10	2.48	495.00	37.70	18661.50	Virendra Singh

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Lenth	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
52	SB-52	446, 447	4.31	300.00	0.60	3.90	1.10	2.48	742.50	37.70	27992.25	Ram Kishun, Dayal Singh
53	SB-53	448, 468	3.42	250.00	0.60	3.90	1.10	2.48	618.75	37.70	23326.88	Avinash, Jai Charan, Akhilesh
54	SB-54	451, 452, 453, 454, 455, 456	2.07	100.00	0.60	3.90	1.10	2.48	247.50	37.70	9330.75	Sushil Kumar, Maha Veer Singh
55	SB-55	464, 466	3.76	250.00	0.60	3.90	1.10	2.48	618.75	37.70	23326.88	Krishan Gopal
56	SB-56	458, 459	3.62	250.00	0.60	3.90	1.10	2.48	618.75	37.70	23326.88	Maha Raj Singh, Sant Ram Singh
57	SB-57	460, 462	4.03	250.00	0.60	3.90	1.10	2.48	618.75	37.70	23326.88	Smt. Krishna Devi, Rajneesh
58	SB-58	470, 471	1.93	180.00	0.60	3.90	1.10	2.48	445.50	37.70	16795.35	Govind, Kamal Singh
59	SB-59	472, 473, 474	2.29	180.00	0.60	3.90	1.10	2.48	445.50	37.70	16795.35	Promod Singh
60	SB-60	408, 410	3.20	180.00	0.60	3.90	1.10	2.48	445.50	37.70	16795.35	Ram Singh, Lakan Singh, Raja Ram.
61	SB-61	406, 407	2.68	180.00	0.60	3.90	1.10	2.48	445.50	37.70	16795.35	Ram Prakash, Ram Bihari
62	SB-62	399, 400, 402	5.40	350.00	0.60	3.90	1.10	2.48	866.25	37.70	32657.63	Sathrughan Singh, Ram Prakash
63	SB-63	482, 483, 484, 487, 488, 489, 558	4.09	250.00	0.60	3.90	1.10	2.48	618.75	37.70	23326.88	Jai Ram, Govind Singh, Shanti Devi
64	SB-64	520, 510, 512, 513, 514, 515, 516, 517	5.89	400.00	0.60	3.90	1.10	2.48	990.00	37.70	37323.00	Ram Sahay, Har Charan, Ram Darshan
65	SB-65	1148, 1149, 1162, 1151, 1152, 1154, 1161, 1145	5.39	400.00	0.60	3.90	1.10	2.48	990.00		37323.00	Ram Sanehi, Deen Dayal, Nathu Ram, Veer Singh
	<b>Old Work</b>								-60.00			
	<b>Sub Total</b>								<b>930.00</b>	<b>37.70</b>	<b>35061.00</b>	

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Lenth	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
66	SB-66	1207, 1208, 1210, 1211, 1212, 1214, 1213, 1223, 1224, 1227	6.38	450.00	0.60	3.90	1.10	2.48	1113.75			Shyam Dayal, Dhani Ram, Genda Lal
	<b>Old Work</b>								67.50			
	<b>Sub Total</b>								<b>1181.25</b>	<b>37.70</b>	<b>44533.13</b>	
67	SB-67	918, 919, 920, 921, 922, 923	3.21	280.00	0.60	3.90	1.10	2.48	693.00			Santosh Kumar, Jai Ram, Santosh Kumar
	<b>Old Work</b>								-42.00			
	<b>Sub Total</b>								<b>651.00</b>	<b>37.70</b>	<b>24542.70</b>	
68	SB-68	1221, 1242, 1257, 1259, 1245	10.45	900.00	0.60	3.90	1.10	2.48	2227.50			Natthu, Genda Lal,Kallu
	<b>Old Work</b>								-135.00			
	<b>Sub Total</b>								<b>2092.50</b>	<b>37.70</b>	<b>78887.25</b>	
69	SB-69	1216, 1217, 1218	3.92	200.00	0.60	3.90	1.10	2.48	495.00	37.70	18661.50	Uday Veer Singh, Ram Pal Singh, Mullu
70	SB-70	1231, 1233, 1234	5.96	400.00	0.60	3.90	1.10	2.48	990.00	37.70	37323.00	Indra Pal Singh, Dharam Singh
71	SB-71	1300, 1304- 1306, 1295, 1296, 1297	10.46	700.00	0.60	3.90	1.10	2.48	1732.50	37.70	65315.25	Narendra Singh, Bhagwan Singh
72	SB-72	1324- 1328, 1388, 1389	4.69	300.00	0.60	3.90	1.10	2.48	742.50	37.70	27992.25	Har Prasad, Bal Ram, Mangal
73	SB-73	1318, 1320, 1321, 1322	4.08	250.00	0.60	3.90	1.10	2.48	618.75	37.70	23326.88	Raja Ram, Gaya Prasad, Ram Babu
74	SB-74	1231 To 1353	14.41	900.00	0.60	3.90	1.10	2.48	2227.50	37.70	83976.75	Brij Kishor, Bai Ram
75	SB-75	1392 To 1398, 1400, 1404	8.70	500.00	0.60	3.90	1.10	2.48	1237.50	37.70	46653.75	Kashi Ram, Parashu Ram
76	SB-76	1401, 1402, 1403, 1406	3.12	250.00	0.60	3.90	1.10	2.48	618.75	37.70	23326.88	Bhagwan Deen

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Lenth	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
77	SB-77	1363, 1365, 1366, 1367	1.42	100.00	0.60	3.90	1.10	2.48	247.50	37.70	9330.75	Nawab Singh, Raja Bhaiya
78	SB-78	1388, 1389, 1390, 1391	1.85	150.00	0.60	3.90	1.10	2.48	371.25	37.70	13996.13	Prem Vati, Rameshwar, Ram Singh
79	SB-79	1390, 1391, 1370, 1377	4.22	300.00	0.60	3.90	1.10	2.48	742.50	37.70	27992.25	Ram Bihari, Ganesh Babu
80	SB-80	1356, 1357, 1359, 1362	4.20	300.00	0.60	3.90	1.10	2.48	742.50	37.70	27992.25	Shyam Lal, Ganga Prasad
81	SB-81	1181, 1182, 1183, 1185, 1186	1.72	150.00	0.60	3.90	1.10	2.48	371.25	37.70	13996.13	Ashok Singh, Vinod Singh
82	SB-82	1191, 1192, 1194, 1195, 1196	4.52	400.00	0.60	3.90	1.10	2.48	990.00	37.70	37323.00	Anand Kumar, Har Govind
83	SB-83	925 To 934, 944 To 944	7.91	500.00	0.60	3.90	1.10	2.48	1237.50	37.70	46653.75	Ghyan Shyam, Hari Singh, Mamta Devi
84	SB-84	1199, 1200, 1201, 1202, 1203, 1204, 1205	5.43	350.00	0.60	3.90	1.10	2.48	866.25	37.70	32657.63	Vinod Kumar, Shri Ram
85	SB-85	1117, 1118, 1119, 1120, 1121	8.06	600.00	0.60	3.90	1.10	2.48	1485.00	37.70	55984.50	Sarju, Shri Ram, Vansi
86	SB-86	1103 To 1110, 1115, 1116, 1125 To 1129	4.74	300.00	0.60	3.90	1.10	2.48	742.50	37.70	27992.25	Lakhan Lal, Tulsi Ram, Man Singh
87	SB-87	1091, 1092, 1095, 1097, 1099, 1098	8.75	350.00	0.60	3.90	1.10	2.48	866.25	37.70	32657.63	Tulsi Ram, Deen Dayal
88	SB-88	949, 950, 951, 952, 953, 954 , 960, 963, 970, 972, 971	6.10	500.00	0.60	3.90	1.10	2.48	1237.50	37.70	46653.75	Uday Veer Singh, Jasvant Singh, Har Dayal

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Lenth	Top	Base	Height	C. S.	E. W.	Rate	Amount	Farmer Name
89	SB-89	1013, 1014, 1015, 1016, 1019, 1018	3.71	250.00	0.60	3.90	1.10	2.48	618.75	37.70	23326.88	Prabhu Dayal, Ram Dayal, Ram Bihari
90	SB-90	1021 To 1030, 1032, 1033	3.31	250.00	0.60	3.90	1.10	2.48	618.75	37.70	23326.88	Lalta Devi, Hari Sankar, Katori Devi
91	SB-91	996, 997, 998, 1000, 1005, 1006, 1007, 1008, 1009	4.41	300.00	0.60	3.90	1.10	2.48	742.50	37.70	27992.25	Arun Kumar, Dropdi, Natthu
92	SB-92	991	2.83	200.00	0.60	3.90	1.10	2.48	495.00	37.70	18661.50	Nanhi Bai, Ram Bihari, Jagan Nath
93	SB-93	975, 976, 978, 979, 980, 986, 987, 988, 989	5.18	400.00	0.60	3.90	1.10	2.48	990.00	37.70	37323.00	Prabhu, Sita Ram
94	SB-94	911, 912, 913, 914, 915, 916, 917, 918	2.91	280.00	0.60	3.90	1.10	2.48	693.00	37.70	26126.10	Ram Kuvar, Kashi Ram. Raghu Varan
95	SB-95	900 To 907	2.35	180.00	0.60	3.90	1.10	2.48	445.50	37.70	16795.35	Hari Ram, Shri Ram, Amar Singh
96	SB-96	891, 892, 895, 894, 893, 896	6.21	550.00	0.60	3.90	1.10	2.48	1361.25	37.70	51319.13	Rajeshwar Singh, Lakhan, Hari Ram
97	SB-97	897, 898	3.75	300.00	0.60	3.90	1.10	2.48	742.50			Jitendra Singh
	<b>Old Work</b>								-37.50			
	<b>Sub Total</b>		<b>523.79</b>	<b>35440.00</b>					<b>705</b>	<b>37.70</b>	<b>26578.50</b>	
	<b>Kaccha Work</b>		<b>523.79</b>	<b>34440.0</b>							<b>3332284.15</b>	
	<b>Pucca Work</b>										<b>287842.00</b>	
	<b>A.F.</b>										<b>50000.00</b>	
	<b>Grand Total</b>										<b>3670126.15</b>	

**MWS NAME - KUSMARA****CODE No – 2C3A1i1e****Submergence Bund****(Gram Panchayat Name-CHIRIA KHURD)****Segment-A**

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount
1	SB-1	297, 301, 300	1.66	120	0.60	3.90	1.10	2.48	297	37.63	11176
2	SB-2	305, 304	1.49	100	0.60	3.90	1.10	2.48	248	37.63	9313
3	SB-3	341, 340, 349, 302	2.32	160	0.60	3.90	1.10	2.48	396	37.63	14901
4	SB-4	61, 62, 63, 64	2.18	150	0.60	3.90	1.10	2.48	371	37.63	13970
5	SB-5	66, 74, 69, 70, 75	3.43	240	0.60	3.90	1.10	2.48	594	37.63	22352
6	SB-6	81, 82, 103, 113	2.18	150	0.60	3.90	1.10	2.48	371	37.63	13970
7	SB-7	114, 112	2.87	200	0.60	3.90	1.10	2.48	495	37.63	18627
8	SB-8	100, 104-107	3.43	240	0.60	3.90	1.10	2.48	594	37.63	22352
9	SB-9	134, 130, 120	1.76	120	0.60	3.90	1.10	2.48	297	37.63	11176
10	SB-10	136, 135	2.77	200	0.60	3.90	1.10	2.48	495	37.63	18627
11	SB-11	187, 176	5.64	400	0.60	3.90	1.10	2.48	990	37.63	37254
12	SB-12	190,189, 179, 182	3.98	280	0.60	3.90	1.10	2.48	693	37.63	26078
13	SB-13	191, 186	3.88	280	0.60	3.90	1.10	2.48	693	37.63	26078
14	SB-14	192	3.98	280	0.60	3.90	1.10	2.48	693	37.63	26078
15	SB-15	184, 185, 203- 206	7.23	300	0.60	3.90	1.10	2.48	743	37.63	27940
<b>Pucca Work</b>											<b>20000</b>
<b>Sub Total</b>			<b>48.79</b>	<b>3220</b>					<b>7970</b>		<b>319892</b>
16	SB-16	207- 212, 214, 217, 222, 223	14.86	850	0.60	3.90	1.10	2.48	2104	37.63	79164
<b>Pucca Work</b>											<b>20000</b>
<b>Sub Total</b>			<b>14.86</b>	<b>850</b>					<b>2104</b>		<b>99164</b>
17	SB-17	382-386	3.56	250	0.60	3.90	1.10	2.48	619	37.63	23284
18	SB-18	367- 371	2.87	200	0.60	3.90	1.10	2.48	495	37.63	18627
19	SB-19	351, 352, 348, 350, 331, 332	6.56	250	0.60	3.90	1.10	2.48	619	37.63	23284
<b>Pucca Work</b>											<b>20000</b>
<b>Sub Total</b>			<b>13.00</b>	<b>700</b>					<b>1733</b>		<b>85194</b>

**Submergence Bund****(Gram Panchayat Name-CHIRIA KHURD)****Segment-A**

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount
20	SB-20	333- 336, 339	2.178	150	0.60	3.90	1.10	2.48	371	37.63	13970
21	SB-21	309, 310, 308, 306	3.56	250	0.60	3.90	1.10	2.48	619	37.63	23284
22	SB-22	295, 296, 298, 299	3.46	250	0.60	3.90	1.10	2.48	619	37.63	23284
23	SB-23	285-287, 281, 279	4.95	350	0.60	3.90	1.10	2.48	866	37.63	32597
24	SB-24	297, 288-290, 283, 282, 278	4.85	350	0.60	3.90	1.10	2.48	866	37.63	32597
25	SB-25	113, 117, 114, 118	2.77	200	0.60	3.90	1.10	2.48	495	37.63	18627
26	SB-26	121, 124, 125, 126, 128	11.49	500	0.60	3.90	1.10	2.48	1238	37.63	46567
<b>Pucca Work</b>											
<b>Sub Total</b>											
			<b>33.27</b>	<b>2050</b>					<b>5074</b>		<b>220925</b>
27	SB-27	130, 131	2.73	190	0.60	3.90	1.10	2.48	470	37.63	17696
28	SB-28	133, 137	2.63	190	0.60	3.90	1.10	2.48	470	37.63	17696
29	SB-29	134, 135	3.65	250	0.60	3.90	1.10	2.48	619	37.63	23284
30	SB-30	136, 144, 151	3.43	240	0.60	3.90	1.10	2.48	594	37.63	22352
31	SB-31	145, 150, 155, 157, 147, 148	6.34	450	0.60	3.90	1.10	2.48	1114	37.63	41910
32	SB-32	157, 163, 156	3.15	220	0.60	3.90	1.10	2.48	545	37.63	20490
33	SB-33	161, 175	2.22	160	0.60	3.90	1.10	2.48	396	37.63	14901
34	SB-34	164, 165, 162	2.22	160	0.60	3.90	1.10	2.48	396	37.63	14901
35	SB-35	196, 200- 206	3.88	280	0.60	3.90	1.10	2.48	693	37.63	26078
36	SB-36	190, 191, 192, 195	3.60	260	0.60	3.90	1.10	2.48	644	37.63	24215
37	SB-37	141, 122	3.70	260	0.60	3.90	1.10	2.48	644	37.63	24215
38	SB-38	184, 183, 186, 187, 188, 189	3.88	280	0.60	3.90	1.10	2.48	693	37.63	26078
39	SB-39	281	2.50	180	0.60	3.90	1.10	2.48	446	37.63	16764
40	SB-40	280, 230, 232	2.77	200	0.60	3.90	1.10	2.48	495	37.63	18627
41	SB-41	278, 276, 279	3.05	220	0.60	3.90	1.10	2.48	545	37.63	20490
42	SB-42	254, 255, 267, 269, 266	2.87	200	0.60	3.90	1.10	2.48	495	37.63	18627
43	SB-43	251, 250, 252, 253, 254, 255, 258, 259, 260	3.88	280	0.60	3.90	1.10	2.48	693	37.63	26078
44	SB-44	92, 78, 76, 238, 239, 242, 245, 246, 248	4.54	320	0.60	3.90	1.10	2.48	792	37.63	29803
45	SB-45	423, 424, 432	3.33	240	0.60	3.90	1.10	2.48	594	37.63	22352
46	SB-46	425, 426, 434, 436	3.33	240	0.60	3.90	1.10	2.48	594	37.63	22352

**Submergence Bund****(Gram Panchayat Name-CHIRIA KHURD)****Segment-A**

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount
47	SB-47	579, 575, 573, 571, 572, 582, 584	7.62	550	0.60	3.90	1.10	2.48	1361	37.63	51224
48	SB-48	616, 614, 587	3.88	280	0.60	3.90	1.10	2.48	693	37.63	26078
49	SB-49	589, 594, 617, 618, 566, 565	6.20	440	0.60	3.90	1.10	2.48	1089	37.63	40979
50	SB-50	619, 628, 703, 702	5.54	400	0.60	3.90	1.10	2.48	990	37.63	37254
51	SB-51	629, 619	2.77	200	0.60	3.90	1.10	2.48	495	37.63	18627
52	SB-52	621, 622, 630, 631	4.43	320	0.60	3.90	1.10	2.48	792	37.63	29803
53	SB-53	696, 695	1.94	140	0.60	3.90	1.10	2.48	347	37.63	13039
54	SB-54	687, 684, 683	3.88	280	0.60	3.90	1.10	2.48	693	37.63	26078
55	SB-55	660, 659, 663	4.26	300	0.60	3.90	1.10	2.48	743	37.63	27940
56	SB-56	558, 554, 555, 550, 551, 556	5.54	400	0.60	3.90	1.10	2.48	990	37.63	37254
57	SB-57	562, 559, 553, 548, 549	6.65	480	0.60	3.90	1.10	2.48	1188	37.63	44704
58	SB-58	506, 507, 516, 517	4.85	350	0.60	3.90	1.10	2.48	866	37.63	32597
<b>Sub Total</b>			<b>125.24</b>	<b>8960</b>					<b>22176</b>		<b>834483</b>
<b>Total</b>			<b>235.16</b>	<b>15780</b>					<b>39056</b>		<b>1460494</b>

**Peripheral Bund**

**(Gram Panchayat Name-CHIRIA KHURD)**

**Segment-A**

S. No.	Activity	Khasra No.	Area	Lenth	Top	Base	Height	C. S.	E. W.	Rate	Amount
1	PB-1	329, 328, 327, 334, 322, 319, 355	17.47	800	0.60	4.20	1.20	2.88	2304	37.63	86700
	<b>Pucca Work</b>										<b>30000</b>
	<b>Sub Total</b>		<b>17.47</b>	<b>800</b>					<b>2304</b>		<b>116700</b>
2	PB-2	297, 258, 300, 301, 304, 302, 305	9.30	300	0.60	4.20	1.20	2.88	864	37.63	32512
	<b>Pucca Work</b>										<b>30000</b>
	<b>Sub Total</b>		<b>9.30</b>	<b>300</b>					<b>864</b>		<b>62512</b>
3	PB-3	312, 313, 314, 315, 318, 317, 306, 308	10.92	400	0.60	4.20	1.20	2.88	1152	37.63	43350
	<b>Pucca Work</b>										<b>30000</b>
	<b>Sub Total</b>		<b>10.92</b>	<b>400</b>					<b>1152</b>		<b>73350</b>
4	PB-4	115, 104, 105, 42, 41, 38, 39, 22	17.36	800	0.60	4.20	1.20	2.88	2304	37.63	86700
	<b>Pucca Work</b>										<b>30000</b>
	<b>Sub Total</b>		<b>17.36</b>	<b>800</b>					<b>2304</b>		<b>116700</b>
5	PB-5	72, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90	6.23	380	0.60	4.20	1.20	2.88	1094	37.63	41182
6	PB-6	23, 25, 28, 24, 27, 26, 40	3.33	200	0.60	4.20	1.20	2.88	576	37.63	21675
7	PB-7	421, 419, 417, 422, 429, 430, 431	12.50	400	0.60	4.20	1.20	2.88	1152	37.63	43350
	<b>Pucca Work</b>										<b>40000</b>
	<b>Sub Total</b>		<b>22.06</b>	<b>980</b>					<b>2822</b>		<b>146207</b>
8	PB-8	499, 500, 501, 503, 505, 514, 515	14.76	540	0.60	4.20	1.20	2.88	1555	37.63	58522
	<b>Pucca Work</b>										<b>40000</b>
	<b>Sub Total</b>		<b>14.76</b>	<b>540</b>					<b>1555</b>		<b>98522</b>
9	PB-9	520, 521, 522, 531 To 533	19.60	840	0.60	4.20	1.20	2.88	2419	37.63	91034
	<b>Pucca Work</b>										<b>40000</b>
	<b>Sub Total</b>		<b>19.60</b>	<b>840</b>					<b>2419</b>		<b>131034</b>
	<b>Total</b>		<b>111.46</b>	<b>4660</b>					<b>13421</b>		<b>745025</b>
	<b>Grand Total</b>		<b>346.62</b>	<b>20440</b>					<b>52476</b>		<b>2205519</b>

**Submergence Bund**

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount
1	SB-1	2915, 2916, 2920, 2923, 2924	9.68	600	0.60	4.20	1.20	2.88	1728	37.63	65025
2	SB-2	2977, 2978, 2972, 2969, 2970	7.69	200	0.60	4.20	1.20	2.88	576	37.63	21675
	<b>Pucca Work</b>										
	<b>Sub Total</b>		<b>17.37</b>	<b>800</b>					<b>2304</b>		<b>86700</b>
3	SB-3	3010, 3088, 2948, 2954	4.03	250	0.60	4.20	1.20	2.88	720	37.63	27094
4	SB-4	817, 519, 831, 830, 829, 821	10.11	350	0.60	4.20	1.20	2.88	1008	37.63	37931
	<b>Pucca Work</b>										
	<b>Sub Total</b>		<b>14.14</b>	<b>600</b>					<b>1728</b>		<b>65025</b>
5	SB-5	808, 838, 827, 839, 807	7.26	450	0.60	4.20	1.20	2.88	1296	37.63	48768
6	SB-6	825, 824, 823, 856, 555, 560, 861, 859	9.68	600	0.60	4.20	1.20	2.88	1728	37.63	65025
7	SB-7	852, 554, 863, 851, 550, 865, 866	4.52	280	0.60	4.20	1.20	2.88	806	37.63	30345
8	SB-8	803, 802, 840	5.16	320	0.60	4.20	1.20	2.88	922	37.63	34680
9	SB-9	800, 801, 841, 844, 843, 842, 798, 799	6.45	400	0.60	4.20	1.20	2.88	1152	37.63	43350
10	SB-10	797, 792, 791, 796	3.87	240	0.60	4.20	1.20	2.88	691	37.63	26010
11	SB-11	795, 790, 794, 787, 786	3.88	240	0.60	4.20	1.20	2.88	691	37.63	26010
12	SB-12	868, 903, 902	2.90	180	0.60	4.20	1.20	2.88	518	37.63	19507
13	SB-13	755, 870, 871, 872, 874, 751, 752	5.16	320	0.60	4.20	1.20	2.88	922	37.63	34680
14	SB-14	907, 909, 915, 914, 906, 905	3.87	240	0.60	4.20	1.20	2.88	691	37.63	26010
15	SB-15	7, 6, 8, 9, 10, 11	4.52	280	0.60	4.20	1.20	2.88	806	37.63	30345
16	SB-16	14, 13, 12, 11	3.23	200	0.60	4.20	1.20	2.88	576	37.63	21675
17	SB-17	24, 28	5.17	320	0.60	4.20	1.20	2.88	922	37.63	34680
18	SB-18	23, 22, 29, 101, 100, 102, 95, 96, 97	14.19	880	0.60	4.20	1.20	2.88	2534	37.63	95369
19	SB-19	105, 95, 103	3.87	240	0.60	4.20	1.20	2.88	691	37.63	26010
20	SB-20	80, 81, 82	3.88	240	0.60	4.20	1.20	2.88	691	37.63	26010
	<b>Sub Total</b>		<b>87.60</b>	<b>5430</b>					<b>15638</b>		<b>588473</b>
21	SB-21	70, 65, 64, 61, 59, 60	12.21	480	0.60	4.20	1.20	2.88	1382	37.63	52020
	<b>Pucca Work</b>										<b>30000</b>
	<b>Sub Total</b>										<b>82020</b>

### Submergence Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount
22	SB-22	152, 153, 151, 148, 149, 150	6.45	400	0.60	4.20	1.20	2.88	1152	37.63	43350
23	SB-23	273, 269, 275	2.42	150	0.60	4.20	1.20	2.88	432	37.63	16256
24	SB-24	369, 368, 367, 366, 373	9.30	300	0.60	4.20	1.20	2.88	864	37.63	32512
<b>Pucca Work</b>											
<b>Sub Total</b>			<b>18.18</b>	<b>850</b>					<b>2448</b>		<b>92118</b>
25	SB-25	370, 371, 372, 376, 360, 382, 378	7.10	440	0.60	4.20	1.20	2.88	1267	37.63	47685
26	SB-26	407, 408, 477, 411, 412, 413, 414, 415, 416, 417, 418	7.74	480	0.60	4.20	1.20	2.88	1382	37.63	52020
27	SB-27	375, 630, 646, 641, 644, 635, 631	5.81	360	0.60	4.20	1.20	2.88	1037	37.63	39015
28	SB-28	657, 653, 654, 655, 656, 652	4.51	280	0.60	4.20	1.20	2.88	806	37.63	30345
29	SB-29	658, 663, 664, 665, 666, 667, 668	4.84	300	0.60	4.20	1.20	2.88	864	37.63	32512
30	SB-30	1150, 1151, 1152, 1144	5.16	320	0.60	4.20	1.20	2.88	922	37.63	34680
31	SB-31	1051, 1052, 1050, 1053	2.90	180	0.60	4.20	1.20	2.88	518	37.63	19507
32	SB-32	1062, 1063, 1040, 1041, 1042, 1044	7.74	480	0.60	4.20	1.20	2.88	1382	37.63	52020
33	SB-33	1065, 1064	5.16	320	0.60	4.20	1.20	2.88	922	37.63	34680
34	SB-34	1065, 1064, 1079	4.52	280	0.60	4.20	1.20	2.88	806	37.63	30345
35	SB-35	1085, 1019, 1056, 1087, 1067	4.52	280	0.60	4.20	1.20	2.88	806	37.63	30345
36	SB-36	1070, 1072, 1073, 1071, 1056, 1057	6.45	400	0.60	4.20	1.20	2.88	1152	37.63	43350
37	SB-37	1055, 1056, 1052	3.87	240	0.60	4.20	1.20	2.88	691	37.63	26010
38	SB-38	1083, 1082, 1077, 1081	5.17	320	0.60	4.20	1.20	2.88	922	37.63	34680
39	SB-39	1082, 1084, 1087, 1089, 1086	5.16	320	0.60	4.20	1.20	2.88	922	37.63	34680
40	SB-40	1137, 1140, 1141, 1142, 1143, 1112	7.40	440	0.60	4.20	1.20	2.88	1267	37.63	47685
41	SB-41	1159, 1158, 1157, 1156, 169, 1163	4.21	240	0.60	4.20	1.20	2.88	691	37.63	26010
42	SB-42	1169, 1171, 1177, 1173, 1175	3.57	200	0.60	4.20	1.20	2.88	576	37.63	21675
<b>Sub Total</b>			<b>95.83</b>	<b>5880</b>					<b>16934</b>		<b>637241</b>
<b>Total</b>			<b>233.11</b>	<b>13560</b>					<b>39053</b>		<b>1551577</b>

## Peripheral Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount
1	PB-1	2914, 2917, 2918, 2921, 2926, 2928	14.26	600	0.60	4.20	1.20	2.88	1728	37.63	65025
	<b>Pucca Work</b>										<b>30000</b>
	<b>Sub Total</b>		<b>14.26</b>	<b>600</b>					<b>1728</b>		<b>95025</b>
2	PB-2	2981, 2958, 2965, 2957, 2966, 2961, 2963	17.07	680	0.60	4.20	1.20	2.88	1958	37.63	73695
	<b>Pucca Work</b>										<b>40000</b>
	<b>Sub Total</b>		<b>17.07</b>	<b>680</b>					<b>1958</b>		<b>113695</b>
3	PB-3	807, 809, 811, 812, 815, 816, 813	13.45	550	0.60	4.20	1.20	2.88	1584	37.63	59606
	<b>Pucca Work</b>										<b>30000</b>
	<b>Sub Total</b>		<b>13.45</b>	<b>550</b>					<b>1584</b>		<b>89606</b>
4	PB-4	818, 2, 1, 3, 4, 5	12.64	500	0.60	4.20	1.20	2.88	1440	37.63	54187
	<b>Pucca Work</b>										<b>30000</b>
	<b>Sub Total</b>		<b>12.64</b>	<b>500</b>					<b>1440</b>		<b>84187</b>
5	PB-5	3005, 2988, 2989	10.88	300	0.60	4.20	1.20	2.88	864	37.63	32512
	<b>Pucca Work</b>										<b>40000</b>
	<b>Sub Total</b>		<b>10.88</b>	<b>300</b>					<b>864</b>		<b>72512</b>
6	PB-6	820, 822, 857, 858, 826, 821	9.76	600	0.60	4.20	1.20	2.88	1728	37.63	65025
	<b>Sub Total</b>		<b>9.76</b>	<b>600</b>					<b>1728</b>		<b>65025</b>
7	PB-7	20, 21, 30, 31, 32	11.01	400	0.60	4.20	1.20	2.88	1152	37.63	43350
	<b>Pucca Work</b>										<b>30000</b>
	<b>Sub Total</b>		<b>11.01</b>	<b>400</b>					<b>1152</b>		<b>73350</b>
8	PB-8	912, 917, 922, 926, 927, 930, 932, 933, 910, 916, 921, 920, 924	15.94	980	0.60	4.20	1.20	2.88	2822	37.63	106207
	<b>Sub Total</b>		<b>15.94</b>	<b>980</b>					<b>2822</b>		<b>106207</b>
9	PB-9	33, 34, 35, 36, 37, 38, 38, 40, 43, 44, 46, 47, 48	22.27	1000	0.60	4.20	1.20	2.88	2880	37.63	108374
	<b>Pucca Work</b>										<b>40000</b>
	<b>Sub Total</b>		<b>22.27</b>	<b>1000</b>					<b>2880</b>		<b>148374</b>
10	PB-10	116, 125, 130, 126, 127, 128, 129	11.01	400	0.60	4.20	1.20	2.88	1152	37.63	43350
	<b>Pucca Work</b>										<b>30000</b>
	<b>Sub Total</b>		<b>11.01</b>	<b>400</b>					<b>1152</b>		<b>73350</b>
11	PB-11	147, 146, 145, 149, 154	9.06	280	0.60	4.20	1.20	2.88	806	37.63	30345
	<b>Pucca Work</b>										<b>30000</b>
	<b>Sub Total</b>		<b>9.06</b>	<b>280</b>					<b>806</b>		<b>60345</b>

### Peripheral Bund

S. No.	Activity	Khasra No.	Area	Length	Top	Base	Height	C. S.	E. W.	Rate	Amount
12	PB-12	274, 278, 279, 280, 281	10.68	380	0.60	4.20	1.20	2.88	1094	37.63	41182
	<b>Pucca Work</b>										<b>30000</b>
	<b>Sub Total</b>		<b>10.68</b>	<b>380</b>					<b>1094</b>		<b>71182</b>
13	PB-13	1093, 1094, 1098, 1111, 1113, 1115, 1095	10.45	550	0.60	4.20	1.20	2.88	1584	37.63	59606
	<b>Sub Total</b>		<b>10.45</b>	<b>550</b>					<b>1584</b>		<b>59606</b>
14	PB-14	1100, 1106, 1180- 1184, 1187, 1191, 1185	10.57	650	0.60	4.20	1.20	2.88	1872	37.63	70443
	<b>Sub Total</b>		<b>10.57</b>	<b>650</b>					<b>1872</b>		<b>70443</b>
15	PB-15	1155, 1163, 1169, 1170, 1171, 1164, 1156, 1159, 1160	11.02	400	0.60	4.20	1.20	2.88	1152	37.63	43350
	<b>Pucca Work</b>										<b>30000</b>
	<b>Sub Total</b>		<b>11.02</b>	<b>400</b>					<b>1152</b>		<b>73350</b>
	<b>Total</b>		<b>190.08</b>	<b>8270</b>					<b>23818</b>		<b>1191232</b>
	<b>Grand Total</b>		<b>423.19</b>	<b>21830</b>					<b>62870</b>		<b>2742808</b>

# **CHAPTER -12**

# **ABBRIVIATIONS/**

# **REFERENCES**

## **LIST OF ABBRIVIATIONS/REFERENCES**

<b>DOLR</b>	Department of Land Resources
<b>IWMP</b>	Integrated Watershed Management Programme
<b>SLNA</b>	State Level Nodal Agency
<b>RS</b>	Remote Sensing
<b>GIS</b>	Geographical Information System
<b>GPS</b>	Global Positioning System
<b>CGL</b>	Common Guidelines
<b>PIA</b>	Project Implementing Agency
<b>BSA</b>	Bhoomi Sanrakshan Adhikari
<b>WDT</b>	Watershed Development Team
<b>WC</b>	Watershed Committee
<b>UC</b>	User Group
<b>SHG</b>	Self Help Group
<b>CB</b>	Contour Bund
<b>MB</b>	Marginal Bund
<b>PB</b>	Peripheral Bund
<b>CD</b>	Check Dam

### **REFERENCES**

- Common Guideline of watershed development-2008.
- Jila Sankhikiya Patrika
- Census 2001
- [www.jalaun.nic.in](http://www.jalaun.nic.in)

## **Preparation of DPR**

Detail Project Report of Integrated Watershed Management Programme IWMP-XIX had been prepared through base line/ bench Mark survey for physiography climate, soil, land use, vegetation, and hydrology and socio economic data analysis. PRA have been exercised to collect primary data, secondary data have been collected from Revenue, Statistics department, Statistical Magazine of the district Jalaun.

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