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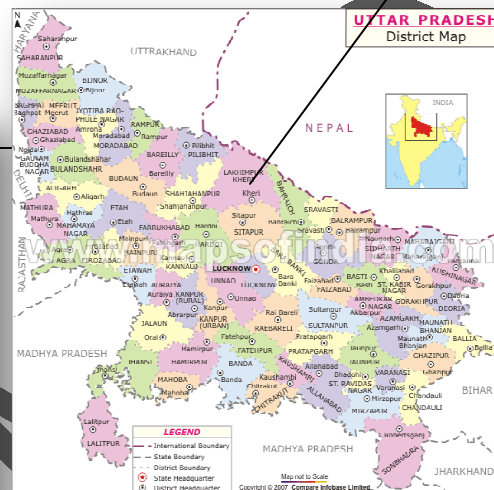
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# Location Map



IWMP  
Kheri IIIRD

## Project Background

KHERI (IWMP-IIIrd) project is located in Lakhimpur Kheri District of Uttar Pradesh state. The project is a cluster of eight micro-watershed 2B2E5C1e, 2B2E5C1d, 2B2E5C1b, 2B2E5C1a, 2B2E5J1d, 2B2E5J1c, 2B2E5C1g, 2B2E5C1f being their respective codes of Block PASGAWAN. The total project area of the watershed is about 6335 Ha, of which 4434 Ha Has been undertaken to be treated under Integrated Watershed Management Programme (IWMP) starting year 2010-11.

The nearest town is MaigalGanj which is center place of the project area and is well connected by *pucca* road. The project area lies in Block Pasgawan. The watershed includes 49 villages .The livelihood of these people is primarily based on rainfed agriculture, animal husbandry, and wage labour. Due to prevalence of mild to steep slopes and presence of a number of drainage lines in the watershed, the drainage system is adequate. The watershed forms part of Gomati basin.

There is no back yard horticulture or commercial horticultural plantation in the villages except few scattered fruit plants. The agriculture fields of the village do not have any forest or horticultural plantation. At places, some isolated trees of *Mango* can be seen, whose frequency is less than one tree per running length of 100 m.

### *Agriculture, Horticulture and Agro-forestry*

The agriculture land use constitutes about 70% of the total watershed area. Both rain-fed and irrigated agriculture are practiced in the watershed. Mono cropping is dominant in the rainfed production system while

double cropping is limited to the irrigated lands, which constitutes about 10% of the total area under agriculture. Rain-fed agriculture is mostly mono cropping with invariably low productivity. These areas constitute about 70% of total agriculture area. The food and livelihood security is primarily driven by the natural weather factors of rain and its distribution specifically across the cropping season. Only about 47% area under agriculture is cropped during **Kharif** season in the watershed. Seeds are mostly truthfully labeled seed from private seed companies. The productivity of **Kharif** crops is low and fluctuates depending upon rainfall pattern, use of fertilizer and incidence of diseases and insect pests. Low yielding local varieties are grown without fertilization for grain and fodder production. The local Barsim varieties are one of the various constraints in fodder production in the watershed. The green fodder production through various sources like crops, grasses and limited forest trees is clearly inadequate for maintaining proper health of existing animals. Also no use of manure and fertilizer in sesame, no seed treatment with **Rhizobium** culture in pulses are the other salient production constraints in the watershed., no compost pits exists and fresh to semi decomposed farm yard manure is applied directly to the agriculture fields. The green manures like **Dhaincha**, sun-hemp, **Neel** have good potential in the watershed however the practice of green manure is meager and unpopular in the watershed, in spite of the fact that organic matter status as well as fertility of the agricultural soils is poor to fairly good. The cultivated fallow lands dominate in the watershed which contributes to accelerated soil erosion as well as runoff yields in the watershed.

The majority of farmers of the watershed are facing considerable problem of fire wood, fodder due to meager or almost negligible forest area, lack of traditional agro-forestry practices and pastures. Cow dung, Stover of mustard, sesame and Dhaincha and scattered trees are main sources of fire wood specifically to small, marginal and landless farmers in the watershed. The organized orchards as well as forest area are widely lacking in the watershed. The watershed Has a good potential of fruit and forest tree species like ber, bail, aonla, papaya, guava, as agro-forestry systems both under rain-fed and irrigated production systems on leveled to sloping agriculture lands as well as on degraded lands provided proper planting techniques involving appropriate termite control measures are used. The multipurpose trees Have also very good potential for supplementing fuel and fodder demands in the watershed and may be included in appropriate land use options. Sole forestry plantation of *Prosopis juliflora* on degraded and marginal lands also Have good potential in the watershed to cater the need of firewood demand. The main source of green fodder for animals is limited to berseem and grasses in the watershed. Though the vegetables Have good potential in the watershed however, their cultivation is limited mostly to kitchen gardens. Almost all tropical/ sub tropical vegetable may be successfully grown in the watershed. The vegetables grown in the watershed are cucurbits, okra, radish, tomato, cauliflower, cabbage, garlic, onion, brinjal and chilly.



## ***Project Objectives***

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

WMP DPR

# Land Feature

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## ➤ *Location of Watershed*

(e.g. District name

a. Gram Panchayat 1

i. Village 1

ii. Village 2....)

### **Lakhimpur Kheri**

a. Dulhapur Kisaan

i. Dulhapur Kisaan

b. Patwan

i. Mubarkpur

ii. Bhogipur

c. Mohammadpur Nazir

i. Dariyabad Bhanpur

ii. Mohammdpur Nazir

iii. Abhaypur

d. Mullapur

i. Mullapur

ii. Adharpur

e. Ganeshpur

- i. Bheekhampur
- f. Rasulpur T.Husain
  - i. Rasulpur T.Husain
  - ii. Barkheriya Jwaharlal

**g. Pasgawan**

- i. Pasgawan
- h. Nayagawan Kishori
  - i. Rampur Ramdas
  - ii. Nayagawan Kishori
  - iii. Lodhiyapur

**i. Jmuka**

- i. Jmuka
- ii. Bhogipur Mani
- iii. Rampur Khokhar
- iv. Sayaidbaj
- v. Kmalpur Agnelal

**j. Siktara**

- i. Chekpihani
- ii. Siktara

**k. Chorha khuram nagar**

- i. Chorha khuram nagar
- ii. Mirapur
- iii. Gubraha

- l. Nakati
  - i. Jeera bojhi
  - ii. Sahjna alas Rampur Banwari
- m. Sohauna
  - i. Bsara
  - ii. Sohauna
  - iii. Siparaha
- n. Piproula Kuwarpur
  - i. Piproula Kuwarpur
- o. Ajuwapur
  - i. Ajuwapur
- p. Ghaghpur
  - i. Ghaghpur
- q. Dariyabad karamhusain
  - i. Nakti alas Maqsudpur Kalan
  - ii. Dariyabad Karamhusain
- r. Aliyapur
  - i. Abbaspur
  - ii. Aliyapur
  - iii. Nijampur
  - iv. Mahua Ghao
  - v. Semra Ghat
- s. Barkheriya Jat

- i. Barkheriya Jat
- t. Dhakhaura
  - i. Dhakhaura
  - ii. Bhadur nagar
  - iii. Fariya Pipriya
- u. Semra Janipur
  - i. Semra Janipur
- v. Pakariya
  - i. Bargdiya
  - ii. Sahora
- w. Hairam Khera
  - i. Daulatpur
- x. Kukurgoti
  - i. Devibojhi

*Longitude: 27.6 to 28.6 (North) – Latitude: 80.34 to 81.30 (East)*

*(Relative Height difference (m): 0 to 10)*

➤ *Agro-climatic zones, soil types, average rainfall, temperature, humidity and project locations*

Agro-climatic zone	Area (in Ha)	District	Projects	Major soil types		Average rainfall (in mm) (Last 5 years' avg)	Produce	
				Type	Area (in Ha)		Name	Area (in Ha)
Bhavar & Tarai Zone	6335	Lakhimpur Kheri	IWMP IIIrd Kheri	Sandy Loam	6335	863	Paddy	1380
							Jwar	350
							Wheat	2710
							Sugar Cane	620

➤ *Village wise details of IWMP Watershed*

S.No.	Name of the project	Names of village	Names of Micro-watershed	Micro-watershed area (in Ha)	Proposed Cost (in Lacs)
1	<b><i>IWMP KHERI IIIrd</i></b>	1. Dulhapur Kisaan 2. Mubarakpur 3. Dariyabad Bhanpur 4. Mullapur 5. Adharpur 6. Bheekhampur 7. Rsulpur T.husain 8. Barkheriya Jawaharlal 9. Pasgawan	<b>Mullapur 2B2E5C1g</b>	<b>429.00</b>	<b>51.48</b>
2	<b><i>IWMP KHERI IIIrd</i></b>	1. Dariyabad Bhanpur 2. Mohammadpur Nazir 3. Rampur Ramdas 4. Jamuka 5. Abhaypur 6. Barkheriya Jwaharlal 7. Chekpihani 8. Churha khuram nagar 9. Nayagawan kishori	<b>Dariyabad Bhanpur 2B2E5C1f</b>	<b>768.00</b>	<b>92.16</b>



		10. Dulhapur Kisaan 11. Mullapur 12. Pasgawan			
3	<b><i>IWMP KHERI IIIrd</i></b>	1. Jeera Bojhi 2. Basara 3. Lodhiyapur 4. Pipraola Kuawarpur 5. Siktara 6. Ajawapur 7. Sahjna alas Rampur Banwari 8. Bhogipur 9. Jamuka 10. Chak Pihani 11. Rampur Ramdas	<b>Pipraola Kuawarpur 2B2E5C1e</b>	<b>842.00</b>	<b>101.04</b>
4	<b><i>IWMP KHERI IIIrd</i></b>	1. Basara 2. Sohauna 3. Siyarha 4. Pipraula Kuawarpur 5. Siktara	<b>Basara 2B2E5C1d</b>	<b>289.13</b>	<b>34.70</b>
5	<b><i>IWMP KHERI IIIrd</i></b>	1. Ghaghpur 2. Sohauna	<b>Ghaghpur 2B2E5C1b</b>	<b>300.40</b>	<b>36.05</b>

		3. Siyarha 4. Nakti alas Maqsudpur kala			
6	<b><i>IWMP KHERI IIIrd</i></b>	1. Dariyabad Karam husain 2. Abbaspur 3. Aliyapur 4. Barkheriya Jat	<b>Dariyabad Karamhusain 2B2E5C1a</b>	<b>302.43</b>	<b>36.29</b>
7	<b><i>IWMP KHERI IIIrd</i></b>	1. Nizampur 2. Mhuadhab 3. Semara Ghat 4. Bahadur Nagar 5. Hariya Pipriya 6. Dhakhaura 7. Aliyapur 8. Semra janipur 9. Bargdiya	<b>Nizampur 2B2E5J1c</b>	<b>596.00</b>	<b>71.52</b>
8	<b><i>IWMP KHERI IIIrd</i></b>	1. Daulatpur 2. Mirapur 3. Gobarha 4. Bahadur Nagar 5. Fariya Pipriya 6. Semra Ghat 7. Mhuadhab 8. Sahora	<b>Fariya Pipriya 2B2E5J1d</b>	<b>907.00</b>	<b>108.84</b>

		9. Bhogipur mani 10. Rampur Khokhar 11. SayaidBara 12. Kamalpur Agnelal 13. Nakti alas Maqsudpur kala 14. Bargadiya 15. Devibojhi			
<b>Total</b>				<b>4434.00</b>	<b>532.08</b>

# Need of Watershed Development Programme

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Watershed Development Programme is prioritized on the basis of thirteen parameters namely Poverty Index, Percentage of SC/ST, Actual wages, Percentage of small and marginal farmers, Ground water status, Moisture Index, Area under rainfed agriculture, Drinking water situation in the area, Percentage of the degraded land, Productivity potential of the land, Continuity of another watershed that Has already developed/treated, Cluster approach for plain or for hilly terrain. Based on these thirteen parameters a composite ranking was given to IWMP IIIrd KHERI Watershed project as given in table .

Poverty Index of the project is above 30 %. Hence a score of 5 is allotted. The percentage of schedule castes in the village is more than 40 percent to the total population; hence a score of 10 was allotted. Rainfed agriculture forms the primary occupation of the village due to the fact that ground water strata is very low hence unfit for usage. More than 50 per cent of the farmers are small and marginal by nature and the actual wages earned by the labour is less than the minimum wages ,ground water strata is safe hence a composite rank of 5, 10 and 0 are allotted respectively.

Since the rainfall received is adequate, the moisture index is normal. Drinking water is problematic in the village. Majority of land is degraded due to inherent salinity. The soil is very permeable and production of the land can be significantly enriched with the availability of timely irrigation. IWMP IIIrd. KHERI watershed falls in continuity with other watersheds

Cluster approach was followed taking into consideration eight micro-watersheds covering a total area of 6335 Ha.

All the parameters taken together give a cumulative score of 100 to the watershed (reference Table below).

➤ *Weight-age of the project*

S.No.	Criteria & Ranges	In Project area	Scores
1	<b>Poverty index</b> (% of poor to population) <ul style="list-style-type: none"> <li>• Above 80 % (10)</li> <li>• 80 to 50 % (7.5)</li> <li>• 50 to 20 % (5)</li> </ul>	<b>More than 30%</b>	5
2	<b>Percentage of SC/ ST population</b> <ul style="list-style-type: none"> <li>• More than 40 % (10)</li> <li>• 20 to 40 % (5)</li> <li>• Less than 20 % (3)</li> </ul>	<b>More than 40 %</b>	10
3	<b>Actual wages</b> <ul style="list-style-type: none"> <li>• Actual wages are significantly lower than minimum wages (5)</li> <li>• Actual wages are equal to or higher than minimum wages (0)</li> </ul>	<b>Actual wages are significantly lower than minimum wages</b>	5
4	<b>Percentage of small &amp; marginal farmers</b> <ul style="list-style-type: none"> <li>• More than 80 % (10)</li> <li>• 50 to 80 % (5)</li> <li>• Less than 50 % (3)</li> </ul>	<b>small and marginal farmers are More than 50%</b>	5
5	<b>Ground water status</b> <ul style="list-style-type: none"> <li>• Over exploited (5)</li> <li>• Critical (3)</li> </ul>	<b>Ground water status is safe</b>	0

	<ul style="list-style-type: none"> <li>• Sub critical (2)</li> <li>• Safe (0)</li> </ul>		
6	<b>Moisture index</b> <ul style="list-style-type: none"> <li>• DPAP/ DDP Block: 66.7 &amp; below (15)</li> <li>• DDP Block: 33.3 to 66.6 (10)</li> <li>• DPAP Block: 0 to 33.2 (0)</li> <li>• Non DPAP/ DDP Block</li> </ul>	<b>Project Block Pasgawan is Non DPAP/ DDP Block</b>	0
7	<b>Area under rain-fed agriculture</b> <ul style="list-style-type: none"> <li>• More than 90 % (15)</li> <li>• 80 to 90 % (10)</li> <li>• 70 to 80% (5)</li> <li>• Below 70% (Reject)</li> </ul>	<b>Area under rain-fed agriculture more than 90 %</b>	15
8	<b>Drinking water</b> <ul style="list-style-type: none"> <li>• No source (10)</li> <li>• Problematic village(7.5)</li> <li>• Partially covered (5)</li> <li>• Fully covered(0)</li> </ul>	<b>Villages of the project are Partially Covered villages</b>	5
9	<b>Degraded land</b> <ul style="list-style-type: none"> <li>• High – above 20 % (15)</li> <li>• Medium – 10 to 20 %(10)</li> <li>• Low- less than 10 % of TGA (5)</li> </ul>	<b>Degraded land is less than 20 %</b>	10
10	<b>Productivity potential of the land</b> <ul style="list-style-type: none"> <li>• Lands with low production &amp; where productivity can be significantly enhanced with reasonable efforts (15)</li> </ul>	<b>Productivity can be enhanced with reasonable efforts in project area</b>	10

	<ul style="list-style-type: none"> <li>• Lands with moderate production &amp; where productivity can be enhanced with reasonable efforts (10)</li> <li>• Lands with high production &amp; where productivity can be marginally enhanced with reasonable efforts (5)</li> </ul>		
11	<b>Contiguity to another watershed that Has already been developed/ treated</b> <ul style="list-style-type: none"> <li>• Contiguous to previously treated watershed &amp; contiguity within the micro-watersheds in the project (10)</li> <li>• Contiguity within the micro-watersheds in the project but non-contiguous to previously treated watershed (5)</li> <li>• Neither contiguous to previously treated watershed nor contiguity within the micro-watersheds in the project (0)</li> </ul>	<b>Contiguous to previously treated watershed &amp; contiguity within the micro-watersheds in the project</b>	10
12	<b>Cluster approach in the plains (more than one contiguous micro-watersheds in the project)</b> <ul style="list-style-type: none"> <li>• Above 6 micro-watersheds in cluster (15)</li> <li>• 4 to 6 micro-watersheds in cluster (10)</li> <li>• 2 to 4 micro-watersheds in cluster (5)</li> </ul>	<b>A Cluster of eight micro-watersheds in the project</b>	15
13	<b>Cluster approach in the hills (more than one contiguous micro-watersheds in the project)</b>	<b>Not Applicable</b>	0

	<ul style="list-style-type: none"> <li>• Above 5 micro-watersheds in cluster (15)</li> <li>• 3 to 5 micro-watersheds in cluster (10)</li> <li>• 2 to 3 micro-watersheds in cluster (5)</li> </ul>		
<b>Total</b>			<b>90</b>

WMP DPK



# PROJECT IMPLEMENTING AGENCY

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The Project Implementing Agencies (PIA) is selected by an appropriate mechanism by State Level Nodal Agency (SLNA) for Integrated Watershed Management Programme (IWMP) in Uttar Pradesh. The PIAs are responsible for implementation of watershed project. These PIAs may include relevant line departments, autonomous organizations under State/ Central Governments, Government Institutes/ Research bodies, Intermediate Panchayats, Voluntary Organizations (VOs). The PIA for IWMP KHERI 1<sup>st</sup> . watershed Project is Bhoomi Sanrakshan Adhikari Bhoomi Vikas & Jal Sansadhan District Lakhimpur Kheri.

## *The organization and its objectives:*

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The Bhoomi Sanrakshan Adhikari, Bhoomi Vikas & Jal Sansadhan, District Lakhimpur Kheri is a district level PIA and was established on 2004-05 to oversee the smooth implementation of watershed projects in the district. Under supervision of DRDA Lakhimpur Kheri Bhoomi Sanrakshan Adhikari Bhoomi Vikas & Jal Sansadhan District Lakhimpur Kheri, has dedicated and experienced staff comprising one Bhoomi Sanrakshan Adhikari a technical expert and a multidisciplinary team of agriculture expert, community mobilization expert and Data Entry Operator, civil / Agriculture engineer, surveyor, Draughtsman and accountant. The objectives of the PIA, Lakhimpur Kheri are supervising, planning, implementing, documenting and promoting watershed development projects and related developmental activities in the district as per guidelines.

At present 3 IWMP projects Have been sanctioned by Government of India for Lakhimpur Kheri district. The entry point activities of all the IWMP projects have been identified by the respective PIAs in the district.

### ***Project Implementation Agency Data:***

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**Name of project:** IWMP Kheri IIIrd

**Details of PIA:**

**Type of organization:** State Govt. Office

**Name of organization:** Bhoomi Sanrakshan Adhikari, Bhoomi Vikas & Jal Sansadhan, District Lakhimpur Kheri.

➤ *Blocks, Villages, Micro-watersheds taken up for IWMP*

S.No.	Parameters	Values
1	No. of Blocks taken up for IWMP so far	<b>1 (Pasgawan)</b>
2	Total No. of Gram Panchayats	<b>94</b>
3	No. of Gram Panchayats taken up for IWMP so far	<b>24</b>
4	Total No. of Villages	<b>211</b>
5	No. of villages taken up for IWMP so far	<b>49</b>
6	Total no. of micro-watersheds	<b>37</b>
7	No. of micro-watersheds taken up so far for IWMP	<b>08</b>

➤ *Staff at PIA level*

S.No.	Name	Age	Sex	Designation	Qualification	Experience
1	<b>Mr. Rajesh Kumar Chaturvedi</b>	51	M	Bhoomi Sanrakshan Adhikari	Agriculture engineer	30 Years
2	<b>Md. Asfaq Husain</b>	50	M	Jr. Engineer	Agriculture engineer	29 Years
3	<b>Mr. A.K. Shukla</b>	48	M	Jr. Engineer	Agriculture engineer	29 Years
4	<b>Mr. Durga Shankar Jaiswal</b>	51	M	Accountant	B.Com.	29 Years
5	<b>Mr. Shiv Baranlal Verma</b>	52	M	Accountant	B.Com.	29 Years
6	<b>Mr. Umesh Chandra Srivastava</b>	52	M	Accountant	B.Com.	29 Years
7	<b>Mr. Milap Singh Chaudhri</b>	53	M	Draught Man	Certificate	29 Years
8	<b>Mr. J.P. Singh</b>	54	M	S. Clerk	B.A.	29 Years
9	<b>Mr. R.P. Dwivedi</b>	55	M	S. Clerk	B.A.	29 Years
10	<b>Mr. O.P. Pandey</b>	51	M	Trasser	Intermediate	29 Years
11	<b>A.K. Prajapati</b>	35	M	Trasser	Intermediate	06Years
12	<b>Mrs. Anita Rani</b>	30	F	Trasser	Graduate	06Years
13	<b>Mr. A.B. Saroj</b>	55	M	Trasser	Intermediate	29 Years
14	<b>Mr. R.P. Awasthi</b>	54	M	Jiledar	Intermediate	29 Years

15	<b>Mr. R. N. Singh</b>	52	M	Work Supervisor	Graduate	30 Years
16	<b>Mr. V.K. Gupta</b>	50	M	Work Supervisor	Graduate	29 Years
17	<b>Mr. Guru Prasad</b>	51	M	Work Supervisor	Graduate	29 Years
18	<b>Mr. Babu Lal Pankaj</b>	50	M	Work Supervisor	Graduate	29 Years
19	<b>Mr. D.P. Mishra</b>	52	M	Work Supervisor	Graduate	29 Years
20	<b>Mr. R.P. Singh</b>	49	M	Work Supervisor	Graduate	29 Years
21	<b>Mr. R.T. Pandey</b>	53	M	Work Supervisor	M.Com.	29 Years
22	<b>Mr. U.N. Mishra</b>	48	M	Work Supervisor	Graduate	29 Years
23	<b>Mr. P.N. Mishra</b>	55	M	Work Supervisor	Graduate	29 Years
24	<b>Mr. B.L. Nirmal</b>	36	M	Work Supervisor	Post Graduate	9 Years
25	<b>Mr. Brij Kishore</b>	51	M	Work Supervisor	Graduate	29 Years
26	<b>Mr. Naval Kishore</b>	50	M	Work Supervisor	Graduate	29 Years
29	<b>Mr. S.R. Yadav</b>	54	M	Work Supervisor	Graduate	29 Years
30	<b>Mr. Lalji Sharma</b>	53	M	Fourth Class	-	
29	<b>Mr. R.C. Nigam</b>	50	M	Fourth Class	-	
30	<b>Mr. S. S. Yadava</b>	51	M	Fourth Class	-	

# Land Use Pattern

The net geographical area of IWMP KHERI IIIrd watershed is about 6335.00 Ha. About 90% of land is under agriculture. Maximum area of the project is rain-fed; Productivity of crops is below than district average. About 30% of the total land is classified under wasteland of which 90 percent is cultivable and rest is uncultivable. Farmer's are not adopting latest techniques of agriculture hence production of crops is not up to the mark.

➤ *Details of the types of areas covered under the IWMP programme in the Project*

1	Names of Project	<b>IWMP KHERI IIIrd</b>
2	Year of Sanction	<b>2010-11</b>
3	Project Duration	<b>2010 to 2015</b>
4	Area of the project	<b>6335.00</b>
5	Type of terrain (Hilly/Desert/Others)	<b>Others</b>

6	Project cost (Rs. In lakh)		532.08
7	Names of micro-watersheds with Code No. (as per DoLR's unique codification)		<ul style="list-style-type: none"> <li>➤ Mullapur</li> <li>➤ (2B2E5C1g)</li> <li>➤ Dariyabad Bhanpur (2B2E5C1f)</li> <li>Pipraola Kuawarpur</li> <li>➤ (2B2E5C1e)</li> <li>Basara</li> <li>➤ 2B2E5C1d</li> <li>Ghaghpur</li> <li>➤ 2B2E5C1b</li> <li>Dariyabad Karamhusain 2B2E5C1a</li> <li>Nizampur</li> <li>➤ 2B2E5J1c</li> <li>➤ Fariya Pipriya</li> <li>➤ 2B2E5J1d</li> </ul>
8	Cultivated &	Cultivated rainfed area	3767.00

	wasteland area of the project	Cultivated irrigated area	--
		Uncultivated wasteland	<b>48.00</b>
9	Area details (in Ha) (falling within the project)	Private Agricultural Land	<b>5890.00</b>
		Forest Land	<b>3.15</b>
		Community land	--
		Others (Please specify)	--
		Total area (in Ha)	<b>6335.00</b>

➤ *Details of the types of areas covered under the IWMP programme*



1	Area of the project (in Ha)		<b>6335.00</b>
2	Names of micro watersheds with Code Nos. (as per DoLR's unique codification)	<b>Mullapur (2B2E5C1g)</b> <b>Dariyabad Bhanpur (2B2E5C1f)</b> <b>Pipraola Kuawarpur(2B2E5C1e)</b> <b>Basara 2B2E5C1d</b> <b>Ghaghpur 2B2E5C1b</b> <b>Dariyabad Karamhusain 2B2E5C1a</b> <b>Nizampur 2B2E5J1c</b> <b>Fariya Pipriya 2B2E5J1d</b>	
3	No. of Beneficiaries covered	Marginal Farmers	<b>3706</b>
		Small Farmers	<b>1058</b>
		Large Farmers	<b>516</b>
		Landless Farmers	<b>352</b>
		Total	<b>5632</b>

4	Identified DPAP/ DDP/ Blocks covered	DPAP	No. of Blocks	--
			Area	--
		DDP	No. of Blocks	--
			Area	--

Soil and Topography

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IWMP KHERI's IIIrd watershed project falls under Bhavar and Tarai Agro-Climatic Zone. The soil is mainly sandy loam. The depth of soil is deep about 45 to 75 cm. The predominant texture of soil is sandy loam and the soil fertility is poor with low nitrogen, phosphorus. The topography of the area is moderate ranging from 0-10% slope. Approximately 20% area of the project is undulating. Some area of the project comes under water logging in rainy season.

➤ *Soil Classification*

S. No. of Watersheds	Soil Type	Total Extent (in Ha)	Based on depth (cm) (mention area in Ha)				
			Very Shallow (0.75)	Shallow (7.5-22.5)	Moderately Deep (22.5-45.00)	Deep (45.0-90.0)	Very Deep (>90)
1	Sandy Loam	612.96	--	--	--	612.96	--
2	Sandy Loam	1097.10	--	--	--	1017.10	80.00
3	Sandy Loam	1202.82	--	--	--	1092.82	110.00
4	Sandy Loam	413.05	--	--	--	413.05	--
5	Sandy Loam	429.17	--	--	--	429.17	--
6	Sandy Loam	432.04	--	--	--	432.04	--
7	Sandy Loam	851.44	--	--	--	851.44	--
8	Sandy Loam	1296.42	--	--	--	1086.42	210.00
	Total	6335.00	--	--	--	5935.00	400.00

Based on Slope (%) (mention area in Ha)				Erosion(mention area in Ha)			
Nearly Level(0.2)	Moderate slope(2-6)	Strong slope (6-15)	Steep (>15)	Water			Wind
				Sheet	Rill	Gully	
144.96	406.00	62.00	--	532.55	75.35	25.60	--
564.77	473.10	59.23	--	935.75	108.50	20.75	--
658.52	481.30	63.00	--	1150.50	135.20	55.20	--
149.45	225.60	38.00	--	385.35	29.20	30.25	--
205.37	187.30	36.50	--	390.40	40.80	18.30	--
221.14	175.50	35.40	--	395.05	32.10	28.35	--
294.09	495.15	62.20	--	718.30	82.40	40.90	--
885.32	365.20	45.90	--	1098.85	105.90	55.45	--
<b>3123.62</b>	<b>2809.15</b>	<b>402.23</b>	<b>--</b>	<b>5566.75</b>	<b>609.45</b>	<b>274.80</b>	<b>--</b>

➤ *Climatic conditions*

S. No.	Parameters	Values
1	Year	2010-11
2	Rainfall (in mm)	863
3	Temperature (°C)	5.5 to 45.0
4	Runoff	70%
5	Average Soil Loss (in tones/Ha/Year)	20.0

➤ *Flood and drought in the project areas of the district during last 5 years*

Names of District	Names of project	Particulars	Villages	Periodicity		Not affected
				Annual	Any other (please specify)	
Lakhimpur Kheri	IWMP Kheri IIIrd	Flood	No. of villages	-	-	Not affected
			Name(s) of villages	-	-	Not affected
		Drought	No. of villages	-	-	Not affected
			Name(s) of villages	-	-	Not affected

➤ *Soil erosion in the project areas*

Names of District	Names of projects	Cause	Type of erosion	Area affected (Ha)	Run off (mm/ year)	Average soil loss (Ton/ Ha/ year)
Lakhimpur Kheri	IWMP Kheri III <sup>rd</sup>	Water erosion			70%	20.00
		a	Sheet	5603.00		
		b	Rill	442.00		
		c	Gully	290.00		
		Sub-Total		6365.00	NA	
		Wind erosion		-		
Total for project				6335.00		

➤ *Land holding pattern in the project areas*



S. No.	Names of District	Names of the project	Type of Farmer	No. of households	No. of BPL households	Land holding (Ha)		
						Irrigated	Rainfed	Total
1	Lakhimpur Kheri	IWMP Kheri IIIrd	Large farmer	516	-	-	2154	2154
			Small farmer	1058	-	-	1587	1587
			Marginal farmer	3706	1265	-	2594	2594
			Landless person	325	325	-	-	-
			<b>Sub-Total</b>	<b>5605</b>	<b>1590</b>	<b>-</b>	<b>6335</b>	<b>6335</b>

➤ *Common property resources of the project area*

S.No	Names of District	Names of project	CPR Particulars	Total Area (Ha) Area owned/ In possession of				Area available for treatment (Ha)			
				Pvt. persons	Govt.	PRI	Any other	Pvt. persons	Govt	PRI	Any other
1	Lakhimpur Kheri	IWMP Kheri 1 <sup>st</sup>	Wasteland/ degraded land	3767.00	48.00	--	-	3767.00	48.00	--	-
			Pastures	-	1.80	-	-	-	1.80	-	-
			Agricultural land	4962.00	-	-	-	599.35	-	-	-
			Orchards	--	-	-	-	-	-	-	-
			Village Woodlot	-	-	-	-	-	-	-	-
			Forest	-	1.35	-	-	-	1.35	-	-
			Village Ponds/ Tanks	-	85.00	-	-	-	16.50	-	-
			Community Buildings	-	20.10	-	-	-	-	-	-
			Weekly Markets	-	8.50	-	-	-	-	-	-
			Permanent markets	28.00	-	-	-	-	-	-	-
			Temples/Places of worship	1.00	-	-	-	-	-	-	-
			Others (Pl. specify) Road	-	103.00	-	-	-	-	-	-
	TOTAL			8758	267.75	--	-	4366.35	67.65	-	-

# Land and Agriculture

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Lack of surface water source and has limited the sufficient base for irrigation as well as for drinking purpose. The average land holding is about 0.09 Ha ranging from 1 to 4 Ha. Lack of irrigation source forces the majority of the farmers to migrate to ensure their livelihood. This affects directly the demographic profile of the village. The major crops cultivated by the farmers are Sugar Cane, Wheat and Paddy.

Some of the farmers take up rain-fed castor crop if rainfall is good. The land conservation measures such as earthen bunds and farm bunds in the area will help them to take up a *rabi* crop of mustard or cumin in the residual moisture.

➤ *Crops & Cropping Pattern*

S.No.	Season	Crop Sown	Rain Fed			
			Area (Ha.)	Prod'on (Ton/Yr)	Prod'ty (Kg/Ha.)	Cost of cultón (Rs/Ha.)
1	Kharif	Paddy	1380	245.64	1780	12460
		Jwar	450	27.45	610	3416
2	Rabi	Wheat	2700	634.50	2350	16450
		Sugar Cane	610	2867.00	47000	78960

Irrigated				Total			
Area (Ha.)	Prod'on (Ton/Yr)	Prod'ty (Kgs/ac)	Cost of cultón (Rs/Ha)	Area (Ha.)	Prod'on (Ton/Yr)	Prod'ty (Kg/Ha.)	Cost of cultón (Rs/Ha.)
-	-	-	-	1380	245.64	1780	12460
-	-	-	-	450	27.45	610	3416
-	-	-	-	2700	634.50	2350	16450
-	-	-	-	610	2867.00	47000	78960

➤ *Crop Classification*

S. No.	Crop Classification	Area (in Ha)
1	Single Crop	3350.00
2	Double Crop	2707.00

3	Multiple Crop	278.00
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WMP DPR

# Livestock

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The village has 978 cows, 1310 buffaloes, 843 bullocks, 2632 goats. Majority of *land less villagers* depends on goat and sheep rearing for their livelihood. Cows and buffaloes are of local breed. Lack of rain and surface water has reduced the fodder and pasture availability for their animals. This leads to heavy migration to other parts of the state. Milk production is so low that there is no dairy cooperative in the project area.

## ➤ *Livestock Details*

S. No.	Type of animal	Existing No.	Milk production (ltr /day)-if applicable	Milk quantity sold (Ltr/day)	Income generated per annum (in lakh)
1	Cows	978	1467	625	27.375
2	Buffaloes	1310	2620	1410	77.20
3	Goat/	2632	-	-	-
4	Ox	543	-	-	-
5	he Buffalo	595	-	-	-
6	Poultry	1750	-	-	-
7	Piggery	95	-	-	-
8	Other animals (specify Poultry)	-	-	-	-
9	Fodder Availability Dry (Abundant/Sufficient/Scarce)	Sufficient	-	-	-
10	Green (Abundant/Sufficient/Scarce)	Scarce	-	-	-
11	Fuel wood Availability (Abundant/Sufficient/Scarce)	Scarce	-	-	-



## ➤ *Migration*

S. No.	No. of person migrating	No. of days Per year of Migration	Major reason(s) for migrating	Distance of destination of migration from the village (km)	Occupation during migration	Income from such occupation (in Rs.)
1	310	90	Unemployment & For better employment	100 to 400	Labour	Rs.200 per day

## *Infrastructure Facilities*

<i>S. No.</i>	<i>Infrastructure type</i>	<i>No./Quantity</i>	<i>Status(Description)</i>
1	<b>Educational Institutions</b>		
	• Anganwadi	24	In Working
	• Primary School	44	Sufficient
	• Secondary School	04	Not Sufficient
	• Govt. Collage	--	--
	• Vocational Institution	--	--
2	<b>Service Institutions</b>		
	• Bank	01	Sufficient
	• Post Office	22	Sufficient
	• Primary Health Care Centre	01	Not Sufficient
	• Veterinary Centre	01	Not Sufficient
	• Market/Shandies	12	Not Sufficient
3	<b>No. of Bore wells/pump sets</b> (Functional)	492	Working well
4	<b>No. of milk collection centres</b> (union/society/pvt. Agency/others)	02	Insufficient
5	<b>Total Quantity of surplus milk</b>	NA	
6	<b>Road connectivity</b> (to main road by an all weather road) (Yes/No)	Yes	
7	<b>Bus facility</b> (Yes/No)	yes	
8	<b>No. Households Provided Electricity</b>	970	Insufficient
9	<b>Others</b> (Specify-----)		
10	<b>No. Households with access to drinking water</b>	--	
11	<b>Access to Agro Industries</b> (Yes/No)	No	
12	<b>Any other facilities</b> (Specify-----)		

### ➤ *Agriculture Implements*

S. No.	Implementation	Numbers
1	Tractor	64
2	Sprayers-manual/power	82
3	Cultivators/Harrows	71
4	Seed Drill	08

➤ *Details of Existing Livelihood for Poor*

S. No.	Name of activity	No. of beneficiaries					Pre-project average income per HH (in Rs.)
		SC	ST	Others	Total	Women	
1	Dairy	55	--	395	450	60	5000.00per year
2	Piggery	40	--	--	40	05	6000.00per year
3	Poultry	12	--	90	102	15	4050. 00per year
4	Goat	70	--	105	175	78	3000.00per year
5	Black smith	--	--	50	50	20	6000.00per year
6	Carpenter	20	--	55	75	--	8000.00per year
7	Barber	--	--	62	62	05	7000.00per year
8	Washer man	63	--	10	73	35	8000.00per year
9	Tailoring	45	--	77	122	53	4050. 00per year
10	Masonry work	25	--	55	80	--	10000. 00per year
11	Fisheries	22	--	26	48	15	4050. 00per year

*drological Features*

S.No.	Parameters	Values
1	Average Rain Fall in mm	<b>863</b>

2	Agro climatic Zone	<b>Bhavar and Tarai Zone</b>
3	Major Streams	<b>Gomati</b>
4	Average temperature in Centigrade (Max-Min)	<b>43 - 5.0</b>
5	Average Annual Run off (mm/yr)	<b>432</b>
6	Average Annual Soil Loss (Ton/Ac/Yr)	<b>20</b>
7	Flood affected details (No. of times occurred in last 5 years) (Specify months & years of flood occurrence)	<b>N.A</b>
8	Drought Affected details (No. of times occurred in last 5 years) (Specify years of drought occurrence)	<b>N.A.</b>
9	Present Ground Water Table Status	<b>11m</b>

➤ *Agro-climatic zones, soil types, average rainfall, temperature, humidity and project locations*

Agro-climatic	Area (in Ha)	District	Projects	Major soil types	Average rainfall (in mm) (Last 5 years' avg)	Produce
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zone				Type	Area (in Ha)		Name	Area (in Ha)
Bhavar & Tarai Zone	6335	Lakhimpur Kheri	IWMP IIIrd Kheri	Sandy Loam	6335	863	Paddy	<b>1380</b>
							Jwar	<b>450</b>
							Wheat	<b>2700</b>
							Sugar Cane	<b>610</b>

# Irrigation Facilities

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## ➤ *Irrigation Source - I*

Sources	Status	Numbers
Open Wells	Functional	02
	Not Functional	33
Bore Wells	Functional	488
	Not Functional	04

➤ *Irrigation Source - II*

S. No.	Type of the Source	Nos.	Area (in Ha)
1	M.I. tanks	-	-
2	Open wells	-	-
3	Bore wells	492	984
4	Canal irrigation	-	-
5	Natural Spring Head	-	-



➤ *Status of Water Table*

S.No	Name of village	Source (open/bore well)	Date of recording	depth of water table from ground level (in m)	Source located at (ridge/middle/ valley)	Remarks
1	Dulhapur Kisaan	Bore Well	24-05-2010	10.00	RIDGE	
2	Mubarakpur	Bore Well	23-05-2010	9.80	MIDDLE	
3	Dariyabad Bhanpur	Bore Well	22-05-2010	9.90	MIDDLE	
4	Mullapur	Bore Well	25-05-2010	10.00	MIDDLE	
5	Adharpur	Bore Well	24-05-2010	10.10	RIDGE	
6	Bheekhampur	Bore Well	26-05-2010	9.70	VALLEY	
7	Rsulpur T.husain	Bore Well	28-05-2010	9.80	VALLEY	
8	Barkheriya Jawaharlal	Bore Well	01-05-2010	10.00	RIDGE	
9	Pasgawan	Bore Well	22-05-2010	10.05	RIDGE	
10	Bhogipur	Bore Well	21-05-2010	10.10	RIDGE	
11	Mohammadpur Nazir	Bore Well	26-05-2010	10.30	RIDGE	

12	Rampur Ramdas	Bore Well	27-05-2010	10.20	RIDGE	
13	Jamuka	Bore Well	02-06-2010	9.00	VALLEY	
14	Abhaypur	Bore Well	01-06-2010	9.00	VALLEY	
15	Nayagawan kishori	Bore Well	29-05-2010	9.55	MIDDLE	
16	Chekipihani	Bore Well	30-05-2010	9.70	MIDDLE	
17	Churha khuram nagar	Bore Well	25-05-2010	9.80	MIDDLE	
18	Nayagawan kishori	Bore Well	21-05-2010	9.90	MIDDLE	
19	Basara	Bore Well	22-05-2010	10.00	RIDGE	
20	Mullapur	Bore Well	24-05-2010	10.10	RIDGE	
21	Jeera Bojhi	Bore Well	27-05-2010	10.05	MIDDLE	
22	Basara	Bore Well	28-05-2010	10.00	MIDDLE	
23	Lodhiyapur	Bore Well	25-05-2010	10.00	MIDDLE	
24	Pipraola Kuawarpur	Bore Well	24-05-2010	9.80	VALLEY	
25	Siktara	Bore Well	23-05-2010	9.85	MIDDLE	
26	Ajawapur	Bore Well	29-05-2010	9.90	MIDDLE	
27	Sahjna alas Rampur Banwari	Bore Well	27-05-2010	10,00	MIDDLE	
28	Sohauna	Bore Well	24-05-2010	10.05	RIDGE	

29	Ghaghpur	Bore Well	22-05-2010	10.30	RIDGE	
30	Siyarha	Bore Well	30-05-2010	10.15	RIDGE	
31	Siktara	Bore Well	29-05-2010	9.95	MIDDLE	
32	Nakti alas Maqsudpur kala	Bore Well	27-05-2010	9.90	MIDDLE	
33	Nizampur	Bore Well	24-05-2010	10.00	RIDGE	
34	Mhuadhab	Bore Well	23-05-2010	9.80	MIDDLE	
35	Semara Ghat	Bore Well	25-05-2010	10.00	RIDGE	
36	Bahadur Nagar	Bore Well	30-05-2010	10.05	RIDGE	
37	Fariya Pipriya	Bore Well	29-05-2010	10.30	MIDDLE	
38	Dhakhaura	Bore Well	27-05-2010	10.15	MIDDLE	
39	Aliyapur	Bore Well	24-05-2010	9.95	RIDGE	
40	Semra janipur	Bore Well	23-05-2010	9.90	MIDDLE	
41	Bargdiya	Bore Well	25-05-2010	10.00	RIDGE	
42	Daulatpur	Bore Well	30-05-2010	9.80	RIDGE	
43	Mirapur	Bore Well	30-05-2010	10.00	MIDDLE	
44	Gobarha	Bore Well	29-05-2010	10.05	MIDDLE	
45	Bhogipur mani	Bore Well	27-05-2010	10.30	RIDGE	
46	Rampur Khokhar	Bore Well	24-05-2010	10.15	MIDDLE	

47	SayaidBara	Bore Well	23-05-2010	9.95	RIDGE	
48	Kamalpur Agnelal	Bore Well	25-05-2010	9.90	RIDGE	
49	Devibojhi	Bore Well	30-05-2010	10.00	MIDDLE	

### *Availability of Drinking Water*

S.No.	Item	Unit	Quantity
1	Drinking water requirement	Ltrs/day	40.00
2	Present availability of drinking water	Ltrs/day	20.00
3	No. of drinking water sources available	Nos	748
	a) No. functional	Nos	696

	b) No. requires repairs	Nos	52
	c) No. defunct	Nos	25
4	Short fall if any	Ltrs/day	30.00
5	No. of families getting drinking water from outside the micro watershed area	Nos	--
6	Requirement of new drinking water sources (if any)	Nos	One Hand pump per 40 HH

➤ *Surface Water Sources*

S.No.	Type of water resource	Numbers	Area Irrigated(Ac)	Storage Capacity(Cu.m)
1	Tank	--	--	--
2	Pond	--	--	--

3	Lake	--	--	--
4	Check Dam	--	--	--
5	Percolation Tank	--	--	--
6	Channel	--	--	--
7	Any others (specify-----)	--	--	--

➤ *Ground Water Structures to be repaired*

Sr. No.	Type of structure	No. available			
		No. to be Repaired	No. to be rejuvenated	No. with no intervention required	Total

1	Bore Well	04	--	488	492
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➤ *Problem Typology of the Watershed*

S.No.	Problem Area	Problem Analysis	Proposed intervention to overcome problems
1	Soil Conservation (slope, erosion, soil loss, rainfall, productivity etc	Due to 0 to 10% slope, <b>Sheet &amp; Reel</b> Erosion takes place in huge area by which heavy quantity of soil loss occurs in project area some time due to heavy rainfall soil erosion increases. Fertilizer	To protect the land from water erosion length of field should be reduced by soil conservation practices. In which C.B, M.B, P.B and vegetative covers are major intervention to overcome problems.

		and productive soil transfer in other area with runoff creates low productivity in the project area.	
2	Water conservation (water budget, ground water norms, productivity)	Due to moderate slope and heavy rainfall 70% of rainwater runoff in rivers and nalla which decreases moisture content in the soil hence farmers require more irrigation water and water budget goes in deficit. Productivity decreases and cost of cultivation increases.	By Renovation. Restoration and Repairing of water body structure and constructing Water Harvesting bunds the irrigation water requirements can minimize.
3	Crop coverage (80% of w/s area should be with canopy)	Crop coverage area of the project is 60 to 70% in <b>Rabi</b> and <b>Kharif</b> season	By giving intensive training about cropping pattern, irrigation methods, tillage operation and Treatment of wasteland overcome problems. Hence crop coverage area of the project increases.
4	Agriculture productivity (crop wise compare with	District    Project Area            Kg/Ha    Kg/Ha	By giving intensive training about cropping pattern, irrigation method, tillage operation advance agriculture, to



	dist. Average)	<div><div>Kharif</div><div><div>Paddy</div><div>2246</div><div>1780</div></div><div><div>Jwar</div><div>1058</div><div>610</div></div><div>Rabi</div><div><div>Wheat</div><div>2766</div><div>2350</div></div><div><div>Sugar Cane</div><div>56752</div><div>47000</div></div><div>Agriculture productivity of project area is less than average Agriculture productivity of the District</div></div>	insure availability of good seeds, fertilizer and manures as well as crop loan.
5	Livestock Productivity	<div>Average milk productivity of cows &amp; Buffaloes is 1.75 kg/day in project area where is District Average milk Productivity is much higher 3.75 kg/day.</div>	By introducing better hybrid quality live stocks, By managing good & nutritional value fodder for cattle intensive training for balance food, prevention from local disease and immunization. Pasture development
6	Existing livelihood activities for asset less person	Dairy, embroidery, tailoring,	Dairy development work in project area. Goat and poultry development activity will be introduced
7	Community based Organizations & Social Capital Base	Only two Milk collection center working in project area	Milk collection centre unit established in every gram Panchayat
8	Capacity Building	Peoples of project area have very	By intensive training for Capacity

	(participation, awareness of watershed community	little awareness about Community Organizations, maintenance of development work.	Building, awareness participation. By intensive training intervention to overcome problems
--	--	--	--

➤ *Gap analysis of the House Hold*

S.No.	Gap area	Identified gap	Opportunities	Support Required
1	Agriculture	Average production of project area is lower than average production of the district.	Soil & soil health is good for better production, moisture, agricultural inputs, man power is also available in project area.	<ul style="list-style-type: none"> <li>• Intensive training about latest knowledge of agriculture technology</li> <li>• Availability of good foundation seed, balance use of fertilizers by adopting soil testing, irrigation method which prevent soil erosion as well as water.</li> <li>• Use of manures, barmy compost, integrated waste management programme, need of timely sowing &amp; irrigation are support required in project area.</li> </ul>
2	Livestock	Milk production in the project area is significantly very low. Condition of livestock	Atmosphere of project area is suitable for milky animals, pasture and green fodder is also available	<ul style="list-style-type: none"> <li>• By introducing hybrid variety animals which give more milk and short kidding duration.</li> <li>• Balance food , protein full</li> </ul>

		can improve and this creates extra income for land less people as well as other formers.	water required for animals are sufficient quantity.	fodder , timely immunization is required in project area
3	Livelihoods (Enterprises)	About 70% households came under the medium , poor and very poor categories respect ably their Livelihood depend up on agriculture wages	They have additional income through processing industries and subsidiary occupation s like dairy , poultry and goat forming etc.	<ul style="list-style-type: none"> <li>• Landless and other former of project area need extra income for better life.</li> <li>• By intensive training and by making self help groups encourage people for dairy work, poultry and goat forming etc.</li> </ul>
4	Capacity Building	<p>Participation of stakeholders at all levels for effective implementation of projects is not very effective.</p> <p>Farmers of project area are not aware about community work and repairing ,maintaining of their field bunds , water body structures etc.</p>	Participation of people for common beneficiary work in project area will encourage to protect their common property Fodder development and Management, Afforestation, Dairy Development and Management, Income Generation Activities like Food Processing & Post Harvest management practices	<ul style="list-style-type: none"> <li>• Capacity Building is the process of assisting the group or individuals to identify and address issues and gain the insights, knowledge.</li> <li>• By organizing training for all groups like watershed committee, watershed development team, user groups and self help groups.</li> </ul>

5	Natural Resources (Land, Water, Vegetation, Energy etc)	People of project area are not fully utilizing the potential of Natural Resources.	Natural Resources are available in project area	<ul style="list-style-type: none"> <li>• Alternative Land Use Plan</li> <li>• Scientific technique of Soil and Moisture conservation</li> <li>• Improved and Scientific agriculture practices</li> <li>• Use of Meteorological Information</li> </ul>
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## Project Activities

### *Entry point activities (EPA)*

District	Names of projects	Amount earmarked for EPA	EPAs planned	Estimated cost	Expenditure incurred	Balance	Expected outcome	Actual outcome
Lakhimpur Kheri	<b>Mullapur</b>	<b>2.94</b>	Kharanja & school repairing Drainage lining	<b>2.94</b>	--	<b>2.94</b>	Removal of excess water	--
	<b>Dariyabad Bhanpur</b>	<b>5.27</b>	Kharanja & school repairing	<b>5.27</b>	--	<b>5.27</b>	Removal of excess water	--

	<b>Pipraola Kuawarpur</b>	<b>5.77</b>	Drainage lining	<b>5.77</b>	--	<b>5.77</b>	Removal of excess water	--
	<b>Basara</b>	<b>1.98</b>	Kharanja & school repairing	<b>1.98</b>	--	<b>1.98</b>	Removal of excess water	--
	<b>Ghaghpur</b>	2.06	Kharanja & school repairing	<b>2.06</b>	--	<b>2.06</b>	Removal of excess water	--
	<b>Dariyabad Karamhusain</b>	2.07	Drainage lining	<b>2.07</b>	--	<b>2.07</b>	Removal of excess water	--
	<b>Nizampur</b>	4.09	Kharanja & school repairing	<b>4.09</b>	--	<b>4.09</b>	Removal of excess water	--
	<b>Fariya Pipriya</b>	5.23	Drainage lining	<b>5.23</b>	--	<b>5.23</b>	Removal of excess water	--

## Watershed Works phase

### ➤ Activities related to Surface water resources in the project areas

(All financial figures in lakh Rs.)

S.No	Name of District	Name of project	Type of structures	Pre-project			Proposed target											
				No.	Area irrigated (Ha)	Storage capacity	Augmentation/ repair of existing structures				Construction of new structures				Total target			
							No.	Area to be irrigated (Ha)	Storage capacity	Estimated cost	No.	Area to be irrigated (Ha)	Storage capacity	Estimated cost	Area to be irrigated (Ha)	Storage capacity	Estimated cost	
1	Lakhimpur Kheri	IWMP Kheri 1 <sup>st</sup>	Tank	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			Pond	21	20.00	22	21	50.00	100	76.45	--	--	--	--	21	50.00	100	
			Lake	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			Check Dam	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			Percolation tank	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			Channel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
			Any others (Please specify)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total				21	20.00	22	21	50.00	100	76.45	--	--	--	--	21	50.00	100	

➤ *Activities executed by the User-Groups in the Projects*

S. No.	Names of Villages	Major Activities of the UGs - Targets				No. of UGs involved	Estimated Costs (in Rs.)	Amount of WDF to be collected (in Rs.)
		Structure/ Activity proposed			Expected month & year if completion (mm/yyyy)			
		Type	No.	Treatment (in Ha)				
1	Mullapur	Soil Conservation	--	227.00	03/2013	6	13.65	0.70
		Water Conservation	3	6.00	03/2013	3	7.36	0.40
		Afforestation	--	21.50	03/2013	4	7.00	0.35
2	Dariyabad Karamhusain	Soil Conservation	--	48.00	03/2013	1	2.89	0.15
		Water Conservation	--	--	--	--	--	--
		Afforestation	--	1.00	03/2013	1	0.30	--
3	Dariyabad Bhanpur	Soil Conservation	--	82.00	03/2013	2	5.12	0.22
		Water Conservation	1	1.00	03/2013	1	1.73	--
		Afforestation	--	1.10	03/2013	1	0.35	--
4	Pipraola Kuawarpur	Soil Conservation	--	341.00	03/2013	7	20.38	0.95
		Water Conservation	2	2.00	03/2013	2	4.74	--
		Afforestation	--	15.50	03/2013	3	6.20	--

5	<b>Ghaghpur</b>	Soil Conservation	--	281.00	03/2013	7	16.83	0.82
		Water Conservation	4	8.00	03/2013	4	10.48	--
		Afforestation	--	4.90	03/2013	2	1.66	--
6	<b>Faria Piparia</b>	Soil Conservation	--	115.00	03/2013	3	6.87	0.35
		Water Conservation	5	6.00	03/2013	5	16.86	--
		Afforestation	--	7.80	03/2013	2	2.55	--
7	<b>Basara</b>	Soil Conservation	--	223.00	03/2013	6	13.72	0.68
		Water Conservation	2	2.00	03/2013	2	3.60	--
		Afforestation	--	20.70	03/2013	4	6.90	--
8	<b>Nizampur</b>	Soil Conservation	--	270.00	03/2013	7	15.58	0.78
		Water Conservation	9	11.00	03/2013	9	21.15	0.50
		Afforestation	--	9.80	03/2013	3	2.28	--



➤ *Activities related to livelihoods by Self Help Groups (SHGs) in the project areas*

S.No.	Names of Villages	Major activities of SHGs				No of SHGs required training
		Name of Activity	No. Of SHGs involved	Avg. Annual income from activity per SHG	Expected month & year of completion	
1	Mullapur	Animal Husbandry	1	0.23	03/2012	All
2	Dariyabad Karamhusain	Animal Husbandry	1	0.24	03/2012	All
3	Dariyabad Bhanpur	Animal Husbandry	1	0.22	03/2012	All
4	Pipraola Kuawarpur	Animal Husbandry	1	0.27	03/2012	All
5	Ghaghpur	Animal Husbandry	1	0.28	03/2012	All
6	Faria Piparia	Animal Husbandry	1	0.23	03/2012	All
7	Basara	Animal Husbandry	1	0.22	03/2012	All
8	Nizampur	Animal Husbandry	1	0.25	03/2012	All

➤ *Activities related to livelihoods by Self Help Groups (SHGs) in the project areas (Contd.)*

S. No.	Names of Villages	Total Assistance planned for the SHG (Amount in Lakh Rs.)				Total Annual Income to be generated	Total Annual Saving to be done
		Loan from revolving fund	Training	Material	Others		
1	Mullapur	0.50	0.18	0.06	--	0.23	0.023
2	Dariyabad Karamhusain	0.50	0.18	0.06	--	0.24	0.024
3	Dariyabad Bhanpur	0.50	0.18	0.06	--	0.22	0.022
4	Pipraola Kuawarpur	0.50	0.18	0.06	--	0.28	0.027
5	Ghaghpur	0.50	0.18	0.06	--	0.23	0.028
6	Faria Piparia	0.50	0.18	0.06	--	0.22	0.023
7	Basara	0.50	0.18	0.06	--	0.25	0.022
8	Nizampur	0.50	0.18	0.06	--	0.26	0.025

## *Details of Engineering Structures in Watershed Works*

S.N o.	Name of Villages	Name of Structures	Type of Treatment (Ridge Area (R)/ Drainage Line (D)/ Land Dev. (L))	Type of Land			Executing Agency (UG/SHG/ Others)	Targets					
				Private	Commu nity	Oth ers		No. of units (no./c u.m. /rmt)	Estimated Cost (in lakh Rs.)				Expece d month & year
									M	W	O	T	
1	Mullapur	Staggered Trenching	--	--	--	--	--	--	--	--	--	--	--
	Dariyabad Karamhusain	Contour Bunding	R	Private			UG	25.05	2.00	38.98	--	40.98	03/2015
		Graded Bunding	--	--	--	--	--	--	--	--	--	--	03/2015
	Dariyabad Bhanpur	Bench terracing	--	--	--	--	--	--	--	--	--	--	03/2015
	Pipraola Kuawarpur	Earthen Checks	L	Private	Commu nity		UG	90.00	10.00	190.96	--	200.96	03/2015
		Brushwood Checks	--	--	--	--	--	--	--	--	--	--	03/2015
	Ghaghpur	Gully Plug	--	--	--	--	--	--	--	--	--	--	03/2015
	Faria Piparia	Loose Boulder Checks	--	--	--	--	--	--	--	--	--	--	03/2015
	Basara Nizampur	Gabion Structures	--	--	--	--	--	--	--	--	--	--	03/2015
		Underground Dykes	--	--	--	--	--	--	--	--	--	--	03/2015
		Field Bunds	--	--	--	--	--	--	--	--	--	--	03/2015
		Any Others	--	--	--	--	--	--	--	--	--	--	03/2015

## ➤ Activities Connected with Vegetative Cover in Watershed Works

S.No.	Name of Villages	Name of Activity	Type of Treatment (Ridge Area (R)/ Drainage Line (D)/ Land Dev. (L))	Type of land			Executing Agency UG/ SHG/ Others	Targets			
				Private	Community	Others		Area (in Ha)	No of Plants	Estimated Cost (in Lakh Rs.)	Expected month & year of completion
1	<b>Mullapur</b>	Afforestation	L	Private	Community	--	UG	110.00	82500	34.61	03/2014
	<b>Dariyabad Karamhusain</b>	Regeneration	--	--	--	--	--	--	--	--	--
		Agro-forestry	R	Private	--	--	UG	5.00	5000	2.00	03/2014
	<b>Dariyabad Bhanpur</b>	Fuel Wood	D	--	Community	--	UG	7.30	10000	3.40	03/2014
		Fodder	R	Private	--	--	UG	2.50	--	1.00	03/2014
	<b>Pipraola Kuawarpur</b>	Horticulture	R	Private	--	--	UG	3.50	1750	2.00	03/2014
		Pasture Dev.	D	--	Community	--	UG	4.00	--	2.00	03/2014
	<b>Ghaghpur Faria Piparia Basara Nizampur</b>	Others	--	--	--	--	--	--	--	--	--

## ➤ *Allied / other Activities*

S.No.	Name of Villages	Name of Activity	Type of land			Executing Agency UG/ SHG/ Others	Targets	
			Private	Community	Others		Estimated Cost (in Lakh Rs.)	Expected month & year of completion
1	<b>Mullapur</b>	Crop Demonstration	Private	--	--	UG	2.40	03/2013
	<b>Dariyabad Karamhusain</b>	Sericulture	--	com	--	UG	1.00	03/2013
		Bee Keeping	--	--	--	--	--	--
	<b>Dariyabad Bhanpur</b>	Backyard Poultry	--	--	--	--	--	--
		Small ruminants	--	--	--	--	--	--
		Other Livestock	--	--	--	--	--	--
	<b>Pipraola Kuawarpur</b>	Fisheries	--	com	--	UG	3.00	03/2013
	<b>Ghaghpur</b>	Non-Conventional Energy Saving Devices (Bio-Fuel)	--	--	--	--	--	--
	<b>Faria Piparia</b>							
	<b>Basara</b>	Energy Conservation Measures	--	--	--	--	--	--
	<b>Nizampur</b>	Others	--	--	--	--	--	--

➤ *Activities related to Surface water resources in the project areas*

*(All financial figures in lakh Rs.)*

S.No	Name of Villages	Type of structures	Pre-project			Proposed target										Expected month & year of completion
			No.	Area irrigated (Ha)	Storage capacity	Augmentation/ repair of existing recharging structures			Construction of new recharging structures			Total target				
						No.	Area to be irrigated (Ha)	Estimated cost	No.	Area to be irrigated (Ha)	Estimated cost	Area to be irrigated (Ha)	Estimated cost			
1	Mullapur	Open Well	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dariyabad Karamhusain		--	--	--	--	--	--	--	--	--	--	--	--		
	Dariyabad Bhanpur	Bore Well	--	--	--	--	--	--	--	--	--	--	--	--	--	
	Pipraola Kuawarpur		--	--	--	--	--	--	--	--	--	--				
	Ghaghpur	Percolation Tank	--	--	--	--	--	--	--	10	8	2.50	8	2.50	03/2014	
Faria Piparia	--		--	--	--	--	--	--	--	--	--					
Basara	--		--	--	--	--	--	--	--	--	--					
	Nizampur		--	--	--	--	--	--	--	--	--	--	--	--	--	

## ***Watershed Development Team (WDT) (Details)***

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S. No.	Names of Districts	Names of projects	Names of WDT members	Sex (M/F)	Age	Qualification	Experience	Role
1	Lakhimpur Kheri	IWMP Kheri IIIrd	Rajesh Kumar Chaturvedi	M	51	Agriculture engineer	30 Years	Team Leader
			Mo.Asfaq	M	51	Agriculture engineer	30 Years	Technical Expert
			Anil Kumar Shukla	M	49	Agriculture engineer	28 Years	Technical Expert
			Babulal Nirmal	M	35	Post Graduate in Agriculture	5 Years	Agriculture Expert
			Anita Rani	F	30	Graduate in Sociology	5 Years	Social Mobilization Expert

## Village Level Institutions

### ➤ Details of Watershed Committee (WC) in District

S.No	Names of the District	Names of projects	Names of WCs	Date of Registration as a Society (dd/mm/yyyy)	Designation	Name	Father's Name	Sex (M/ F)	Category	Remark
1	Lakhimpur Kheri	IWMP Kheri IIIrd	<b>Mullapur</b>	Under progress	President					
			<b>Dariyabad Karamhusain</b>		Secretary	CONSTITUTED FOR EVERY WATERSHED				
					Member					
					Member					
			<b>Dariyabad Bhanpur</b>		Member					
					Member					
			<b>Pipraola Kuawarpur</b>		Member					
					Member					
			<b>Ghaghpur</b>		Member					
			<b>Faria Piparia</b>							
			<b>Basara</b>							
			<b>Nizampur</b>							



## *Details of Self Help Groups (SHGs) in the project areas*

S. No.	Names of the District	Names of project	Total no. of registered SHGs				No. of members				No. of SC/ST in each category			No. of BPL in each category		
			With only Men	With only Women	With both	Total	Categories	M	F	Total	M	F	Total	M	F	Total
1	Lakhimpur Kheri	Mullapur	--	--	1	1	Landless	--	1	1	--	1	1	--	1	1
							SF	7	--	7	3	--	3	7	--	7
							MF	--	--	--	--	--	--	--	--	--
							LF	--	--	--	--	--	--	--	--	--
Total				--	01	01		07	01	08	03	01	04	07	01	08
2	Lakhimpur Kheri	Dariyabad Karamhusa in	--	--	1	1	Landless	--	02	02	02	--	02	01	01	02
							SF	8	--	08	04	--	04	--	--	--
							MF	--	--	--	--	--	--	--	--	--
							LF	--	--	--	--	--	--	--	--	--
Total					01	01		08	02	10	06		04	01	01	02
3	Lakhimpur Kheri	Dariyabad Bhanpur	--	--	1	1	Landless	--	1	1	1	1	2	01		01
							SF	9	--	9	4		4	02		02
							MF	--	--	--	--	--	--	--	--	--
							LF	--	--	--	--	--	--	--	--	--
Total					01	01		09	01	10	05	01	06	03		03
4	Lakhimpur Kheri	Pipraola Kuawarpur	--	--	1	1	Landless	02		02	02	01	03		01	01
							SF	05	03	08				04		04
							MF	--	--	--	--	--	--	--	--	--
							LF	--	--	--	--	--	--	--	--	--
Total					01	01		07	03	10	02	01	03	04	01	05

5	Lakhimpur Kheri	Basara	--	--	1	1	Landless	3	1	4	3	1	4	3	1	4
							SF	5	1	6	3	1	4	4	1	5
							MF	--	--	--	--	--	--	--	--	--
							LF	--	--	--	--	--	--	--	--	--
Total					01	01		08	02	10	06	02	08	07	02	09
6	Lakhimpur Kheri	Faria Piparia	--	--	1	1	Landless	2	2	4	2	2	4	2	2	4
							SF	4	2	6	2	2	4	3	2	5
							MF	--	--	--	--	--	--	--	--	--
							LF	--	--	--	--	--	--	--	--	--
Total					01	01		06	04	10	04	04	08	05	04	09
7	Lakhimpur Kheri	Nizampur	--	--	1	1	Landless	4	2	6	4	2	6	2	2	4
							SF	6	2	8	3	1	4	4	1	5
							MF	--	--	--	--	--	--	--	--	--
							LF	--	--	--	--	--	--	--	--	--
Total					01	01		10	04	14	07	03	10	06	03	09
8	Lakhimpur Kheri	Ghaghpur	--	--	1	1	Landless	8	2	10	6	2	8	7	2	9
							SF	--	--	--	--	--	--	--	--	--
							MF	--	--	--	--	--	--	--	--	--
							LF	--	--	--	--	--	--	--	--	--
Total					01	01		08	02	10	06	02	08	07	02	09

## ➤ *Details of UGs*

S. No.	Names of Districts	No. of Projects	Total no. of UGs				No. of members				No. of SC/ST in each category			No. of BPL in each category		
			Men	Women	Both	Total	Categories	M	F	Total	M	F	Total	M	F	Total
1	Lakhimpur Kheri	8	148	11	02	161	Landless	80	26	106	28	08	36	32	14	46
							SF	1222	112	1334	304	18	322	370	28	398
							MF	236	08	244	05	--	05	--	--	--
							LF	62	02	64	--	--	--	--	--	--
Total								1600	148	1748	337	26	363	402	42	444

*(M – Male, F – Female)*

# Capacity Building

## *List of approved Training Institutes<sup>@</sup> for Capacity Building*

S. No.	State	Name of the Training Institute	Full Address with contact no., website & e-mail	Name & Designation of the Head of Institute	Type of Institute <sup>#</sup>	Area(s) of specialization	Accreditation details
1	Uttar Pradesh (Lakhimpur Kheri)	District training centre Kheri	Bhansriya Railway crossing, Devkali Road Lakhimpur Kheri	Principal	Training centre	Self Help Group And Social Mobilization	-
2	Uttar Pradesh	Din Dayal Upadhyay training center Bakshi Ka Talab, Lucknow	Bakshi Ka Talab, Lucknow	Director General	Training center	Watershed Development , SHG,	-
3	Uttar Pradesh	C.S.W.C. Research and Training Institute Chaleser, Agra	Chaleser, AGRA	Director	Research and Training Institute	Watershed Development , SHG,	-

➤ *Capacity Building activities*

S. No.	State	Project Stakeholders	Total no. of persons	No. of persons trained so far	No. of persons to be trained during current financial year	No. of persons trained during current financial year	Sources of funding for training		Funds utilized	
							DoLR	Any other (pl. specify)	DoLR	Any other (pl. specify)
1	Uttar Pradesh	SLNA	--	--	--	--	DoLR	--	--	--
		DRDA/ZP cell	--	-	--	--	DoLR	--	--	--
		PIAs	30	03	26	03	DoLR	Departmental	--	--
		WDTs	08	03	--	03	DoLR	--	--	--
		UGs	1748	--	1748	--	DoLR	--	--	--
		SHGs	162	--	162	--	DoLR	--	--	--
		WCs	158	--	158	--	DoLR	--	--	--
		GPs	--	--	--	--	DoLR	--	--	--
		Community	3000		3000	--	--	--	--	--
		Others (Pl. specify)	--	--	--	--	--	--	--	--

➤ *Details of Project Fund accounts of DRDA & Watershed committees*

S. No	DRDA PROJECT Account Details					WC Account Details					
	Name of the Bank & Branch where Project account Has been open	Date of opening the account in Bank	Account No.	Account Type	Name & Designation of Authorized Persons who operate the Account	Name of the WC	Name of the Bank & Branch where Project account Has been open	Date of opening the account in Bank	Account No.	Account Type	Name & Designation of Authorized Persons who operate the Account
1	OBC Lakhimpur Kheri			Saving	Mr.M.P.Arya C.D.O. Mr.U.R. Yadava	ON Progress					

➤ *Information, Education & Communication (IEC) activities*

S.No.	State	Activity	Executing agency	Estimated expenditure (Rs.)	Expenditure incurred (Rs.)	Outcome (may quantify , wherever possible)
1	Uttar Pradesh	Information & Communication	P.I.A./ BSNL	250000	Communication Between WC, WDT And District Level	Better Monitoring

## DPR Plan Abstract

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The collection of all the relevant data and information is important for preparation of the planning document. Following this problem analysis of the watershed area is undertaken detailing the extent of the problem and number affected by it. The possible options and solutions are also deliberated. Focus group discussions would help in this process.

Participatory Net Planning format helps in identifying the interventions that needs to be implemented at field level. The consolidation of Net Planning formats would result in a detailed perspective plan for the watershed area with year wise and activity wise summaries. This in turn is consolidated into a DPR Plan Abstract. The Detail Plan Report with all the necessary annexure, maps and other documents is submitted for approval.



## YEARWISE PHASING

S.No.	Component	1 Year		2nd Year		3rd Year		4th Year		5th Year		Total	
		Phy (No.)	Fin (Rs.)	Phy (No.)	Fin (Rs.)	Phy (No.)	Fin (Rs.)	Phy (No.)	Fin (Rs.)	Phy (No.)	Fin (Rs.)	Phy (No.)	Fin (Rs.)
1	Entry Point Activities (4%)	--	21.28	--	--	--	--	--	--	--	--	--	21.28
2	Institution & Capacity Building (5%)	--	5.32	--	10.65	--	7.98	--	2.65	--	--	--	26.60
3	Productivity Enhancement (13%)	--	--	--	5.32	--	31.93	--	31.93	--	--	--	69.18
4	Livelihoods for Asset less (10%)	--	--	--	5.32	--	26.60	--	21.29	--	--	--	53.21
5	Natural Resource Management (50%)	--	--	665	39.90	2128	127.70	1463	87.79	178	10.65	4434	266.04
6	Consolidation Phase (5%)	--	--	--	--	--	--	--	--	--	26.60	--	26.60
7	Administration (10%)	--	--	--	10.65	--	15.96	--	13.39	--	13.30	--	53.21
8	Monitoring (1%)	--	--	--	1.07	--	1.33	--	1.60	--	1.33	--	5.32
9	Evaluation (1%)	--	--	--	1.56	--	1.33	--	1.07	--	1.33	--	5.32
10	DPR Prep.(1%)	1	5.32	--	-	--	--	--	--	--	--	1	5.32
	Total	1	31.92	665	74.50	2128	212.83	1463	159.62	178	53.21	4434	532.08

# Expected Project Outcomes

## *Expected Employment Related Outcomes*

### ➤ *Employment Generation*

S.No.	Names of Villages	Wage Employment										Self Employment				
		No. of Man Days					No. of Beneficiaries					No. of Beneficiaries				
		SC	ST	Others	Women	Total	SC	ST	Others	Women	Total	SC	ST	Others	Women	Total
1	<b>Mullapur</b>															
	<b>Dariyabad Karamhusain</b>															
	<b>Dariyabad Bhanpur</b>															
	<b>Pipraola Kuawarpur</b>	<b>181000</b>	<b>--</b>	<b>168240</b>	<b>17400</b>	<b>349240</b>	<b>3110</b>	<b>--</b>	<b>3695</b>	<b>682</b>	<b>6805</b>	<b>152</b>	<b>--</b>	<b>148</b>	<b>48</b>	<b>300</b>
	<b>Ghaghpur</b>															
	<b>Faria Piparia</b>															
	<b>Basara</b>															
	<b>Nizampur</b>															

➤ *Details of seasonal migration from Project Area: Pre-project Status*

S.No.	Names of Villages	No. of Persons Migrating	No. of days/year of migration	Major reason(s) for migration	For reduced migration identify major activities of IWMP responsible		Expected reduction in no. of persons migrating
					Structures	Livelihoods	
1	<b>Mullapur</b> <b>Dariyabad Karamhusain</b> <b>Dariyabad Bhanpur</b> <b>Pipraola Kuawarpur</b> <b>Ghaghpur</b> <b>Faria Piparia</b> <b>Basara</b> <b>Nizampur</b>	310	90	Unemployment & For Better Employment	Treatment of Degraded Land	Dairy Development	160

➤ *Details of Rights conferred in the CPRs of the project area*

S.No.	Names of Villages	Particulars of CPR	If agreement signed		Expected No. of Beneficiary families			
			Date of Signing agreement	Nature of Right	SC	ST	Others	Total
1	Mullapur Dariyabad Karamhusain Dariyabad Bhanpur Pipraola Kuawarpur	Afforestation	--	Right to Collect Firewood for Domestic Purpose	46	--	51	97
	Ghaghpur Faria Piparia Basara Nizampur	Pond	--	Right to Fishing	205	--	250	455

## *Water Related Outcomes*

➤ *Details of Avg. Ground Water table depth in the project area (in m)*

S.No.	Names of Villages	Sources	Pre-project Level	Expected Post-project level	Remarks
1	<b>Mullapur</b>	Open Wells	10	9.50	--
	<b>Dariyabad Karamhusain</b>				
	<b>Dariyabad Bhanpur</b>	Bore Wells	10.10	9.50	--
	<b>Pipraola Kuawarpur</b>				
	<b>Ghaghpur</b>				
	<b>Faria Piparia</b>	Others	--	--	--
	<b>Basara</b>				
	<b>Nizampur</b>				

➤ *Status of Drinking Water*

S.No.	Names of Villages	Availability of Drinking Water (no. of months in a year)		Quality of Drinking Water		Comments
		Pre-project	Expected Post-project	Pre-project	Expected Post-project	
1	<b>Mullapur</b>	10	12	Good	Very Good	--
	<b>Dariyabad Karamhusain</b>					
	<b>Dariyabad Bhanpur</b>					
	<b>Pipraola Kuawarpur</b>					
	<b>Ghaghpur</b>					
	<b>Faria Piparia</b>					
	<b>Basara</b>					
	<b>Nizampur</b>					

## *Vegetation/Crop related outcomes*

➤ *Details of Kharif crop area & yield in the project area*

S.No.	Names of Villages	Name of Crops	Pre-project						Expected Post-project					
			Area (in Ha)		Average Yield (Quintal per Ha)		Total Production (Quintal)		Area (in Ha)		Average Yield (Quintal per Ha)		Total Production (Quintal)	
			Irri.	Rf.	Irri.	Rf.	Irri.	Rf.	Irri.	Rf.	Irri.	Rf.	Irri.	Rf.
1	Mullapur Dariyabad Karamhusain Dariyabad Bhanpur Pipraola Kuawarpur Ghaghpur Faria Piparia Basara Nizampur	Paddy	--	1480	--	17.80	--	26344	--	1570	--	21.80	--	34226
		Jowar	--	460	--	6.10	--	2806	--	500	--	6.50	--	3250
<b>Total</b>			--	1940	--	23.90	--	29150	--	2070	--	28.30	--	37476

➤ *Details of Rabi crop area & yield in the project area*

S.No.	Names of Villages	Name of Crops	Pre-project						Expected Post-project					
			Area (in Ha)		Average Yield (Quintal per Ha)		Total Production (Quintal)		Area (in Ha)		Average Yield (Quintal per Ha)		Total Production (Quintal)	
			Irri.	Rf.	Irri.	Rf.	Irri.	Rf.	Irri.	Rf.	Irri.	Rf.	Irri.	Rf.
1	Mullapur Dariyabad Karamhusain Dariyabad Bhanpur Pipraola Kuawarpur	Wheat	--	2800	--	23.50	--	65800	--	3000	--	25.50	--	76500
	Ghaghpur Faria Piparia Basara Nizampur	Sugar Cane	--	650	--	470	--	305500	--	750	--	530	--	397500
Total				3450		493.50		371300		3750		555.50		474000

➤ *Details of Zaid /any other seasonal crop area & yield in the project area*



S.No.	Names of Villages	Name of Crops	Pre-project						Expected Post-project					
			Area (in Ha)		Average Yield (Quintal per Ha)		Total Production (Quintal)		Area (in Ha)		Average Yield (Quintal per Ha)		Total Production (Quintal)	
			Irri.	Rf.	Irri.	Rf.	Irri.	Rf.	Irri.	Rf.	Irri.	Rf.	Irri.	Rf.
1	Mullapur	Vegetables												
	Dariyabad Karamhusain													
	Dariyabad Bhanpur													
	Pipraola Kuawarpur		--	--	--	--	--	--	--	100	--	15.00	--	1500
	Ghaghpur													
	Faria Piparia													
	Basara													
	Nizampur													
Total			--	--	--	--	--	--	--	100	--	15.00	--	1500

➤ *Increase/Decrease in the area under Horticulture*

S.No.	Names of Villages	Names of horticulture crop	Existing are under horticulture (in Ha)	Expected Achievement	
				Area under horticulture proposed to be covered through IWMP	Change in the area under horticulture
1	<b>Mullapur</b> <b>Dariyabad Karamhusain</b> <b>Dariyabad Bhanpur</b> <b>Pipraola Kuawarpur</b>	Guava	0.5	7.00	6.50 (Increase)
	<b>Ghaghpur</b> <b>Faria Piparia</b> <b>Basara</b> <b>Nizampur</b>	Mango	0.4	4.00	3.60 (Increase)

➤ *Increase/Decrease in the area under Fodder*

S.No.	Names of Villages	Existing are under Fodder (in Ha)	Expected Achievement through IWMP (in Ha)
1	<b>Mullapur</b> <b>Dariyabad Karamhusain</b> <b>Dariyabad Bhanpur</b> <b>Pipraola Kuawarpur</b> <b>Ghaghpur</b> <b>Faria Piparia</b> <b>Basara</b> <b>Nizampur</b>	322.00	351.00