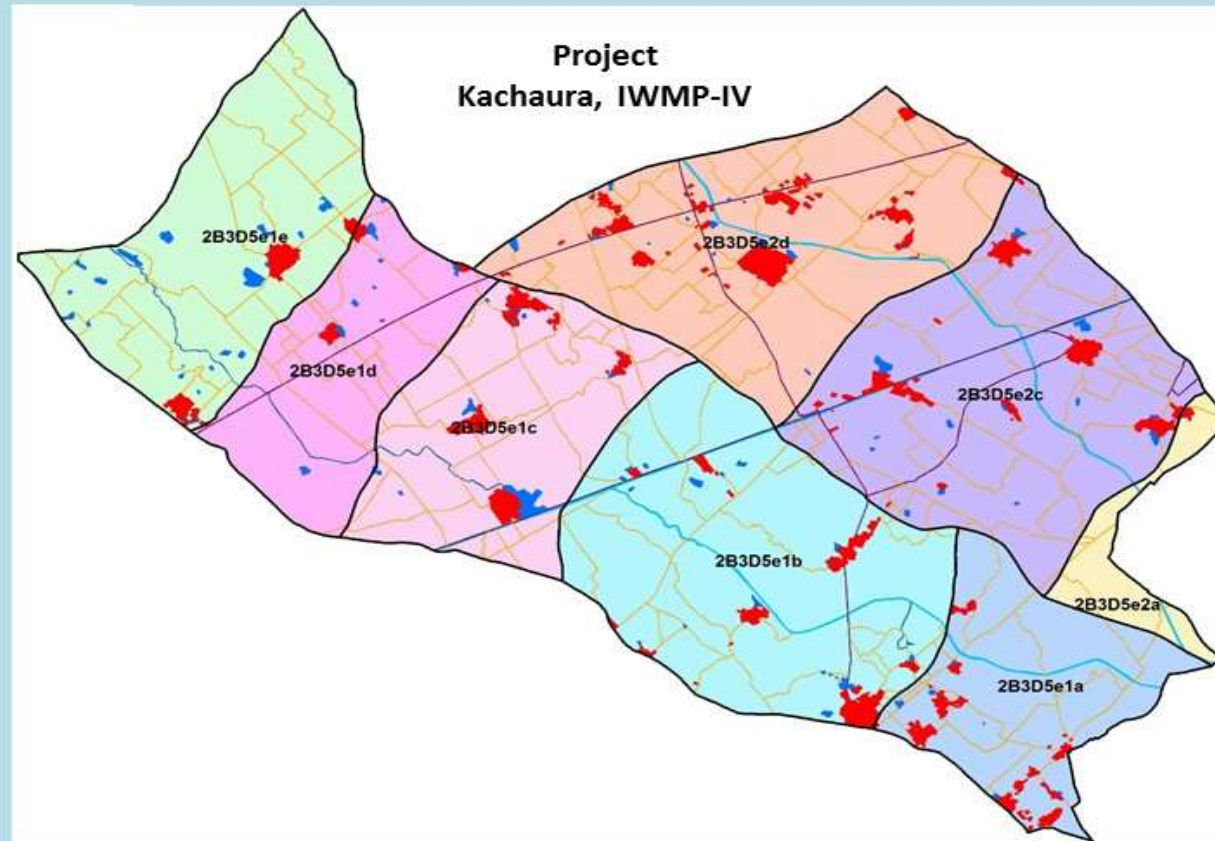


DPR for Kachaura, Project IWMP-IV, District-Hathras (Year 2011-2012)



Prepared by : STEP HBTI, Kanpur

प्रमाण पत्र-1

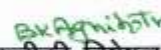
वॉटरशेड विकास दल/कार्यदायी संस्था-भूमि संरक्षण इकाई, सिंचाई एवं जल संसाधन विभाग, जनपद-हाथरस के कार्यकर्ताओं द्वारा इस आशय का प्रमाण पत्र दिया जाता है कि परियोजना के अन्तर्गत प्रस्तावित गतिविधियां परियोजना क्षेत्र के लाभार्थियों की रुचि, राय, सक्रिय सहभागिता तथा वॉटरशेड समिति एवं ग्राम सभा से विचार विमर्श कर आपसी सहमति के आधार पर तैयार की गयी है।

प्रमाणित किया जाता है कि निम्न हस्ताक्षरित द्वारा समेकित वॉटरशेड प्रबन्धन कार्यक्रम-चतुर्थ (IWMP-IV), जनपद-हाथरस क्षेत्र के लिए उपयुक्त है एवं आवश्यकता आधारित गतिविधियों का समावेश, लाभार्थियों की सक्रिय सहभागिता, वॉटरशेड समिति तथा ग्राम सभा से विचार-विमर्श कर आपसी सहमति के आधार पर तैयार की गयी है। प्रस्तावित परियोजना तथा विस्तृत परियोजना प्रस्ताव (डी.पी.आर.) का अनुमोदन संबन्धित वॉटरशेड समिति/ग्राम सभा से प्राप्त कर लिया गया है। आई.डब्ल्यू.एम.पी.-चतुर्थ (IWMP-IV) स्वीकृत वर्ष 2011-12 की वॉटरशेड विकास की योजना तथा विस्तृत परियोजना रिपोर्ट (डी.पी.आर.) तकनीकी रूप से सुदृढ़ एवं व्यावहारिक है।


हम प्रस्तावित योजना की स्वीकृति प्रदान किये जाने एवं कार्यान्वयन की संस्तुति करते हैं।


वॉटरशेड विकास दल
हाथरस


कार्य प्रभारी
हाथरस


तकनीकी विशेषज्ञ
हाथरस



अवर अभियन्ता
हाथरस


भूमि संरक्षण अधिकारी
सिंचाई एवं जल संसाधन विभाग हाथरस

प्रमाण पत्र-2

प्रमाणित किया जाता है कि निम्न हस्ताक्षरकर्ता द्वारा समेकित वॉटरशेड प्रबन्धन कार्यक्रम-चतुर्थ (IWMP-IV), जनपद-हाथरस स्वीकृत वर्ष 2011-12 की विस्तृत कार्य योजना में वॉटरशेड विकासदल/कार्यदायी संस्था प्रस्तुत गतिविधियों एवं क्रिया-कलापों की जाँच करा ली गयी है तथा यह प्रमाणित किया जाता है कि प्रस्तावित गतिविधियाँ/क्रिया-कलापों को वॉटरशेड परियोजना क्षेत्र के लाभार्थियों से व्यक्तिगत एवं सामूहिक विचार-विमर्श के उपरान्त तैयार की गयी है, जो उपयुक्त है। परियोजना क्षेत्र के सभी लोग नियमानुसार अपना अंशदान देने तथा निष्पादित कार्यों के देख-रेख एवं अनुरक्षण हेतु सहमत हैं। प्रस्तावित कार्य योजना को तकनीकी रूप से सुदृढ़, व्यावहारिक एवं अधिक लाभप्रद बनाने के उद्देश्य से इसमें आवश्यकतानुसार तत्समय प्रचलित नियमों के अधीन स्थानीय मांग आधारित संशोधन किया जा सकता है।

कार्यदायी संस्था-भूमि संरक्षण अधिकारी
सिचाई एवं जल संसाधन विभाग
हाथरस


परियोजना प्रबन्धक
वॉटरशेड सेल कम डाटा सेन्टर (डब्ल्यू.सी.डी.सी.)
हाथरस

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EXECUTIVE SUMMARY

All the 08 Micro Watershed of the Project Area of Watershed , Kachaura, IWMP-IV, District-Hathras, Uttar Pradesh Coded and named as 2B3D5e1a-Kachaura, 2B3D5e1b-Kachaura, 2B3D5e1c-Nauratha Isapur, 2B3D5e1d-Bartar Khas, 2B3D5e1e-Bartar Khas, 2B3D5e2a-Kachaura, 2B3D5e2c-Ganthari Shahpur, 2B3D5e2d-Agsauli are situated Sikandra Rao Block which is 40-45 km away from the district head quarter. The Latitudinal and Longitudinal position of the project is From 27° 40' 38.33" N to 27° 45' 23.13" N and From 78° 23' 58.84" E to 78° 31' 08.69" E. Micro Watershed wise details are given in the DPR. The project consist of 08 Micro Watershed consist 18 villages, 16 Gram Panchayat (GP) with total Geographical Area of 5141.05 ha out of which 3635 ha area is proposed to be used for treatment with total outlay of Rs. 436.20 Lakhs under the Integrated Watershed Management Programme (IWMP). 09 nos. of Watershed Committees (WCs) have been formed at GP Level. The Project Implementing Agency (PIA) is Bhumi Sanrakshan Adhikari (BSA), Department of Irrigation and Water Resources, District-Hathras, Uttar Pradesh.

All Micro Watershed fall in agro-climatic zone of South Western Semi Arid Zone. The Micro Watershed of Project is situated at an elevation of 171 m to 180 m above mean sea level and has relief from with mean elevation of 175.10 m, general topography of the Micro Watershed is described in the LCC table given in the DPR. Spatial distribution of different slope classes has been prepared using Arc GIS. Slope has been divided into 04 categories viz. 0 - 0.5%, 0.51 – 1%, 1 – 2% and 3.01 – 4%. Areal extent of different slope categories of the Geographical area of Project is shown in the DPR . The dominant slope category is 0.51-1% (2081.90 ha) followed by 0-0.50% (1744.42 ha) .

The population of the project area is 61988 covering 10460 HH with an average family size 5.93 in number. SC/ST represent 18.39%. Literacy rate 56.40% and number of BPL HH 2398 (22.93%) and Assetless HH 1229 (11.75%) details are given in the DPR. The land holding pattern given in the DPR comprises 7116 (77.89%) marginal farmers who dominate the cluster followed by 1552 (16.81%) small farmers and 563 (6.70%) large farmers. The Land Use pattern of the project area is given in the LULC Table. In Project area more than 70% of agriculture land is rainfed. The productivity of major crops in the project area is significantly lower than the National, State and District average. Superfood like Quinva and Chia are proposed to be introduced on pilot basis in the project area.

The average rainfall of the area is 454.17 mm with 61 rainy days. May and June are the hottest Months (47 to 48 deg. Cent.) and lowest temperature with 1 to -1 deg. Cent. are recorded in December/January. Expected run-off is worked out as 30 % of the average annual rainfall (454.17 mm/Annum) at 136.25 mm/year with an average soil loss 8-10 tonnes/ha/year. Around 65-70% in the project area depend on agriculture and allied activity for their livelihood. The present agriculture scenario is unable to provide either sustenance or employment opportunities round the year due to low land holding capacity, poor soil productivity, lack of irrigation facility and absence of proper agronomy practices. Ultimately it leads to unemployment and distress migration of about 19501 persons from the project area.

Integrated Watershed Management Programme is prioritized on the basis of thirteen parameters namely Poverty Index, Percentage of SC, Actual Wages, Percentage of small and marginal farmers, Ground water status, Moisture Index, Area under rain fed agriculture, Drinking water situation in the area, Percentage of the degraded land, Productivity potential of the land, Continuity of another watershed that has already been developed/treated, Cluster approach for plain or for hilly terrain. The Weightage Point of the project is 97.

The Proposed cluster of Micro watershed is characterized by low productivity of resources, prevalence of widespread poverty, lack of irrigation and safe drinking water facility, non availability of employment opportunities and compelled unskilled migration from the project area. Integrated Watershed Management Programme aims at improving the situation of the area during the project period.

EXECUTIVE SUMMARY

HH Survey, PRA, PSA, FGDs and PIPs were conducted to assess the people's/farmer's needs/ preferences, problems thrust area of farming system, livestock production and their suggestions were also invited. After technical analysis these technically the exercise of Participatory Net Planning (PNP) was conducted to finalize the proposed location for various proposed activities using GPS under the head of Land Development (including Afforestation, Horticulture and Agriculture), Soil and Moisture Conservation (SMC), Water Harvesting Structures (WHS) alongwith proposed intervention in the field of farming system, livestock production, micro-enterprises etc. After the whole exercise, Annual Action Plan (AAP) of Capacity Building, Livelihood Activities, Production System and Micro-enterprises, Watershed Development Works, Convergence have been prepared. The Watershed Committees (WCs) have been formed at Gram Panchayat level, SHGs (Shelf Help Groups) and User Groups (UGs) have also been constituted. Farmers were also informed about the amount/rate of contribution as per the category of farmers for various activities, user charges and Watershed Development Fund (WDF). Farmers were willing to participate in the IWMP Programme and ready to contribute accordingly for availing/sharing the benefits. We propose renovation of 56 nos. of existing Ponds, 03 nos. of Earthen Check Dam, 06 nos. of Water Harvesting Bund, 62 nos. of Recharge pit and 03nos. of recharge structure in abandoned well under Water Harvesting Structures which will provide life saving irrigation in the area of 215.42 ha. Consequently, there should be an overall increase in the productivity of major crops in the project area.

The Natural Resource Management (NRM) intervention such as Soil and Moisture Conservation (SMC), Water Harvesting Structures (WHS), Land Development Activities like Afforestation, fuel & fodder and Horticulture development activities are proposed to benefit 55-60% of the families. It is expected that the NRM activities will increase the ground water table by 1-2 meters, increase irrigated command area by additional 215.42 ha., Additionally, it will check soil erosion, reduce run off, improve moisture availability and improve the soil quality/health. More than 70% of the project area will be brought under treatment under project area during project period of 5 years.

The carrying capacity will be enhanced in cereal production, oilseed production, pulses production, Vegetable production, and fruit production substantially. Establishment of various Micro-enterprises will ensure the livelihood of families of the project area with increase of additional income per annum. These interventions are aimed to reduce the migration up to 30%.

Several activities are proposed under afforestation, fuel & fodder and horticulture which will help in increase the area under vegetative cover from 262.08 ha to 430.15 ha, an increase in the area under afforestation cover from 143.92 to 173.33 ha, under fuel and fodder cover from 26.08 ha to 53.24 ha and under horticulture cover from 92.08 ha to 203.58 ha and . Productivity of all the important crops under Kharif, Rabi and Zaid is proposed to be increased substantially. Crop wise details have been described in the DPR. Similarly, milk and other livestock produce is also expected to increase, details of which are given in the chapter -'Livestock Population and Productivity (Pre and Post Project status).

EXECUTIVE SUMMARY

The project has been formulated with specific vision within the stipulated time frame of 5 years. Soil erosion will be checked from current rate of 8-10 tonnes/ha/annum through Soil and Moisture Conservation (SMC) measures. Through Renovation and Construction of 65 number of Water Harvesting Structures having storage capacity of 43.08 ham an additional area of 125.42 ha will be brought under supplementary irrigation which will lead towards crop productivity. The rain fed agriculture project area comes under kharif and Rabi "Crops stabilization" through proper management of water, supply of quality in-puts and adoption of new farming techniques, crop productivity will be increased substantially. Increase in irrigation command area will increase the 2nd cropping area through proper management of water resources. There will be Increase in income level of landless HH from base income through various alternative livelihood options in the project area on sustainable basis. Maximum number of population will attain food security after successful implementation of the project. Most of the HH of the project area will have access to safe and hygienic drinking water. The capacity building programme will enhance enough awareness, to take decision of development of all the covered village under the project after 5 years. The overall vision of the project is to uplift the socio economic condition of the community through various proposed intervention.

The role of the PIA is to facilitate the programme by supporting various Community based organization (CBOs) like Watershed Committee (WCs), Self Help Groups (SHGs) and User's Gropups (UGs). The role of the Watershed Committee will be to implement the programme as well as assure the contribution of WDF for NRM and PSME activities. The secretary of the Watershed Committee will be the most responsible person. A dedicated Watershed Development Team (WDTs) will work as a catalyst under the supervision of PIA to support various Community based organization (CBOs) for successful implementation of the project. A total number of 09 WCs, 119 SHGs and 65 UGs will be linked with various project activities under the project.

Rapport building and awareness generation of community members is the first stage for building self confidence to take decisions for implementation of various activities under the project. The broad head includes EPA, I&CB, WDW for natural resource management, Livelihood promotion, Productivity Enhancement & Micro Enterprises, Monitoring and Evaluation, Convergence with other department, consolidation/exit protocol. The major proposed activities are Entry Point Activity (4% of the total cost Rs. 17.45 Lakhs) which consist of Solar Light, the WDW work (56% of the total cost Rs. 244.27 Lakhs) Water Harvesting Structures like renovation of Pond, ECD, WHB, recharge pit and recharge structure in abandon well, Land Development Afforestation, Fuel & Fodder and Horticulture Plantation. Under WDW activity Water Harvesting Structures and Land Development will be taken up from IWMP funds and the rest consist of Soil and Moisture Conservation (SMC) works such as construction of Contour Bund, Marginal Bund and Peripheral Bund, etc. will be covered through IWMP and convergence fund as per details given in the DPR. The livelihood for Assetless section (9% of the total cost Rs. 39.26 Lakhs) consist of Goatary, Poultry, Animal Husbandry, Vermi Compost Unit, Mini Village Shops, Candle Making, Pickle making, Tailoring, Bamboo Basket making, etc. The Production system and Micro Enterprises (10% of the total cost Rs. 43.62 Lakhs) consist of promotion of innovarive practices for superfood like quinoa & chia etc., HYV of Crop Demonstration, Vegetable Cultivation, Floriculture, Organic Farming, Distribution of Mini Ag. Equipment, Livestock Activities, Micro Irrigation, Protected Farming and establishment of various Micro Enterprises. A comprehensive Institutional Development and Capacity Building Plan (5% of the total cost Rs. 21.81 Lakhs) have been designed for various CBO like WCs, SHGs and UGs. The basic purpose of the capacity building programme be for project orientation and skill improvement. Skill/Trade Training under livelihood activities are planned through the convergence from NRLM/Skill Development Mission.

The aim of the convergence is to saturate the planned WDW and PS&ME activities in the project area. A total amount of Rs. 142.75 Lakhs will be spent through convergence from MANREGA, NHM, Department of Agriculture, NRLM/Skill Development Mission and other Line Department. During the Convergence Process SLNA, WCDC and PIA will take the leading role to facilitate the convergence process.

EXECUTIVE SUMMARY

Suitable systems and processes are proposed to be designed and implemented to manage and maintain all the assets created under the project with the help of WDF collected from the beneficiaries in the form of contribution and deposited in the WDF Bank Account. WDF will not be utilized during the project period. At the time of exit protocol it is important that the community should be strong enough to maintain the development works and the systems during the project period. A specific benefit sharing mechanism for common assets will be formulated through User's Group. Proper utilization of WDF will occur after the project period for need based work for the community's assets. The Watershed Committee will be also responsible for conflict management within User's Groups and SHGs. The Watershed Committee will take the leading role with the Institutional Linkages with government department, banks, other financial institutions as well as various NGOs. A system of social audit will be established for proper management of fund and further development work.

The present average family income of Assetless Rs. 17500/- per annum and for farmers Rs. 22400 /-, with the proposed intervention under the project, are expected to increase to Rs. 23600/- and Rs. 30800/- respectively after the completion of the project. NPV of the project is proposed to be Rs. 14489525.15 at 15% discounted factor of net benefits. IRR of project is 29.41% and B : CR at 15% discounted factor of Net benefits is 1.39 respectively.

General Profile of the Project

Name of State	Uttar Pradesh	
Name of District	Hathras (Mahamaya Nagar)	
Name of Tehsil	Sikandra Rao	
Name of Block	Sikandra Rao	
Name of Project/Sanction Year	Kachaura, IWMP-IV	District :-Hathras (Mahamaya Nagar)/Year :11-12
Project Duration	05 Years	
Cost of The Project in Lakhs from IWMP	436.20	
Cost of The Project in Lakhs from Convergence	142.7468	
Total Project Cost in Lakhs	578.95	
Project Cost/ha in Lakhs		
From IWMP	0.12000	
From Convergence	0.03927	
Total	0.15927	
Number of MWS	8	
MWS Code and Name	2B3D5e1a-Kachaura, 2B3D5e1b-Kachaura, 2B3D5e1c-Nauratha Isapur, 2B3D5e1d-Bartar Khas, 2B3D5e1e-Bartar Khas, 2B3D5e2a-Kachaura, 2B3D5e2c-Ganthari Shahpur, 2B3D5e2d-Agsauli	
Nos. of connected Village	18	
Nos. of Gram Panchayat	16	
Number of Watershed Committees (WCs) Formed	9	
Agro Climatic Zone	South Western Semi Arid Zone	
Location of Watershed		
Longitude	78° 23' 58.84" E	78° 31' 08.69" E
Latitude	27° 40' 38.33" N	27° 45' 23.13" N
Elevation		
Highest Elevation in m	180.00	
Lowest Elevation in m	171.00	
Elevation Difference	9.00	
Mean Elevation in m	175.10	
Stream Order	Length in meter	Nos.

General Profile of the Project

	6420.68	4
Nos. Of Water Bodies	103	
Details of Land as per LULC in ha		
Geographical Area	5141.05	
Planned Area	3635.00	
Scrub Land	0.00	
Wasteland Cultivable	591.73	
Average Rainfall	454.17	
Maximum Temperature degree C	48°C	
Minimum Temperature degree C	-1°C	
Relative Humidity %	36% - 76%	
Total population	61988	
Male	33003	
Female	28985	
SC/ST population	11397	
Male	6020	
Female	5377	
Total HH	10460	
BPL HH and %	2398	22.93
Assetless HH and %	1229	11.75
Farmers Details (Total farmers)	9231	
Marginal Farmers	7116	
Small Farmers	1552	
Large Farmers	563	
Migration	Pre Project Status	Post Project Status
Migration in Nos.	19501	13651
Migration in days	180-210	120-150
Water Table in meter Pre Project Status	Pre Monsoon	Post Monsoon
Open Well	16-18	15-16
Borewell	42-44	42-44
Cropped Area in ha	Pre Project	Post Project

General Profile of the Project		
Single Cropped Area	2106.08	1647.00
Double Cropped Area	1187.46	1592.50
Multi Cropped Area	0.00	88.00
Cropping Intensity in %	Pre Project	Post Project
	123%	140.19%
Mandays Generated in Nos.		
From IWMP Funds	8372	
From Convergence Funds	40595	
Total	48967	
Average Annual Income/HH in Rs.	Pre Project	For Assetless Post Project
For Assetless	17500.00	23600.00
For Farmers	22400.00	30800.00
No. of Person to be Trained Under CB Plan	3373	
Detail of Beneficiaries		
Livelihood Activities	1190	
PSME	4608	
WDW	2500	
Total	8298	
No. of Water harvesting Structures	65	
Storage Capacity in ham	43.08	
Additional Area Brought under Irrigation in ha		
@ 5 cm * 2 Irrigation/ha	215.42	
@ 7.5 cm * 2 Irrigation/ha	143.61	
Area Under in ha	Pre Project Status	Addition Area under the Project
Afforestation	143.92	29.42
Fuel & Fodder	26.08	27.15
Horticulture	92.08	111.50
Vegetative Cover	262.08	168.07
No. of Institutions Formed		

General Profile of the Project

Watershed Committees	9
User Groups (Ugs)	65
Self Help Groups (SHGs)	119
Federations	10
Reduction in Soil loss	8-12 tonnes/ha/Year
Runoff	136.25
NPV @ 15% Discounted Factor of Net Benefits	14489525.15
B : CR at 15% Discounted Factor	1.39
IRR %	29.41

Year Wise Physical and Financial At A Glance of DPR			Kachaura, IWMP-IV				District:		Hathras (Mahamaya Nagar)		Area: 3635		(Phy. In ha/Nos, Fin in Lacs)	
S. No.	ProjectComponent	Unit	Ist Year		IInd Year		IIIrd Year		IVth Year		Vth Year		TOTAL	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
A	Administration			2.181		6.543		11.777		11.777		11.341	0	43.620
B	Monitoring					0.872		0.872		0.872		1.745	0	4.362
C	Evaluation					1.309		0.763		0.763		1.527	0	4.362
D	EPA													
1	Solar Light Panel	in no.	73	16.299									73	16.299
2	Balance			1.149										1.149
	Sub Total		73	17.448									73	17.448
E	DPR		1	4.362									1	4.362
F	Institution & Capacity Building													
1	State Level Nodal Agency(SLNA)		0	0.654	0	0.218	0	0.218	0	0.218	0	0.000	0	1.309
2	WCDC													
2.1	District Level Workshop	in no.	0	0.000	75	0.750	0	0.000	0	0.000	0	0.000	75	0.750
2.2	Workshop													
2.2.1	Convergence Workshop	in no.	20	0.140									20	0.140
2.2.2	Refreshar Wokshop	in no.			20	0.140							20	0.140
2.2.3	Workshop of Inovative Practices & PPP Model	in no.					20	0.140					20	0.140
2.2.4	Workshop on Formation, Development & Sustainability of Federation	in no.							20	0.140			20	0.140
2.2.5	Workshop on Linkage Establishment	in no.									20	0.140	20	0.140
	Sub Total	in no.	20	0.140	20	0.140	20	0.140	20	0.140	20	0.140	100	0.700
3	Exposure Visit													
3.1	In the District	in no.	116	0.174	70	0.105	40	0.060	40	0.060	116	0.174	382	0.573
3.2	Within State	in no.	85	0.340	35	0.140	25	0.100	25	0.100	85	0.340	255	1.020
3.3	Out of State	in no.	0	0.000	8	0.392	5	0.245	5	0.245	0	0.000	18	0.882
	Sub Total :		201	0.514	113	0.637	70	0.405	70	0.405	201	0.514	655	2.475
	Sub Total of WCDC		221	0.654	208	1.527	90	0.545	90	0.545	221	0.654	830	3.925
4	Project Implementation Agency (PIA)													
4.1	PIA	in no.	5	0.402	5	0.402	0	0.000	0	0.000	0	0.000	10	0.804
4.2	WDT	in no.	2	0.134	2	0.134	2	0.134	2	0.134	2	0.134	10	0.670
4.3	WC Basic	in no.	106	0.336	1100	3.487	0	0.000	0	0.000	0	0.000	1206	3.823
4.4	WC Member	in no.	0	0.000	110	0.697	0	0.000	0	0.000	0	0.000	110	0.697
4.5	WC Functionaries	in no.	0	0.000	22	0.295	50	0.670	50	0.670	24	0.322	146	1.956
4.6	UGs	in no.	0	0.000	136	0.431	53	0.168	53	0.168	76	0.241	318	1.008
4.7	UGs Functionaries	in no.	0	0.000	102	1.367	24	0.322	24	0.322	20	0.268	170	2.278
4.8	SHGs	in no.	0	0.000	120	1.141	60	0.571	60	0.571	0	0.000	240	2.282
4.9	SHGs Functionaries	in no.	0	0.000	90	1.206	48	0.643	48	0.643	42	0.563	228	3.055
	Sub Total :		113	0.87	1687	9.16	237	2.51	237	2.51	164	1.53	2438	16.57
4.10	Skill Training	in no.	0	0.000	0	0.000	35	5.250	35	5.250	35	5.250	105	15.750

Year Wise Physical and Financial At A Glance of DPR			Kachaura, IWMP-IV				District:		Hathras (Mahamaya Nagar)		Area: 3635		(Phy. In ha/Nos, Fin in Lacs)	
S. No.	ProjectComponent	Unit	Ist Year		IInd Year		IIIrd Year		IVth Year		Vth Year		TOTAL	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
4.11	Sub Total :		0	0.000	0	0.000	35	5.250	35	5.250	35	5.250	105	15.750
	Total		334	2.180	1895	10.905	362	8.521	362	8.521	420	7.431	3373	37.558
	Fund From IWMP			2.181		10.905		3.272		3.272		2.181		21.810
5	Institution & Capacity Building Convergence	in no.					35	5.249	35	5.249	35	5.250	105	15.748
G	Livelihood Activities													
1	Nos. of SHGs for Seed Money	in no.			16	2.748	33	6.870	33	7	37	8.244	119	24.733
2	Nos. of Individuals	in no.			5	0.305	7	0.763	7	0.763	8	0.916	27	2.748
3	Grant-in aid under Funding for major activities for federation / Enterprising SHGs	in no.			0	1.309	0	3.272	0	3.272	0	3.926	0	11.777
	Sub Total					4.362		10.905		10.905		13.086		39.258
H	Production System & Micro Enterprises													
1	Crop Demonstration													
1.1	Minor Millets	in ha			4.50	0.360	6.50	0.520	0.00	0.000	0.00	0.000	11.00	0.880
1.2	Pulses -Urd/Moong/Arhar	in ha			7.00	0.840	13.25	1.590	0.00	0.000	0.00	0.000	20.25	2.430
1.3	Oil Seeds	in ha			9.25	1.110	10.25	1.230	0.00	0.000	0.00	0.000	19.50	2.340
1.4	Chia	in ha			3.00	0.300	4.50	0.450	0.00	0.000	0.00	0.000	7.50	0.750
1.5	Quinoa	in ha			3.00	0.300	4.50	0.450	0.00	0.000	0.00	0.000	7.50	0.750
2	Vegetables													
2.1	Tomato/Brinjal/Okra/Shimla Mirch	in ha			0.00	0.000	2.50	0.600	0.00	0.000	0.00	0.000	2.50	0.600
2.2	Califlower/Cabage	in ha			0.00	0.000	2.50	0.600	0.00	0.000	0.00	0.000	2.50	0.600
2.3	Cucurbits	in ha			0.00	0.000	2.50	0.300	0.00	0.000	0.00	0.000	2.50	0.300
2.4	Shakbhaji	in ha			0.00	0.000	2.50	0.250	0.00	0.000	0.00	0.000	2.50	0.250
3	Spices													
3.1	Garlic/Ginger/Turmeric	in ha			0.00	0.000	2.50	0.600	0.00	0.000	0.00	0.000	2.50	0.600
3.2	Coriander/Methi/Saunf/Kalaunji	in ha			0.00	0.000	2.50	0.300	0.00	0.000	0.00	0.000	2.50	0.300
3.3	Chili	in ha			0.00	0.000	2.50	0.500	0.00	0.000	0.00	0.000	2.50	0.500
4	Floriculture													
4.1	Marry Gold	in ha			0.00	0.000	2.00	0.480	0.00	0.000	0.00	0.000	2.00	0.480
4.2	Deshi Gulab	in ha			0.00	0.000	2.00	0.480	0.00	0.000	0.00	0.000	2.00	0.480
4.3	Agro-forestry	in ha			0.00	0.000	6.00	0.600	0.00	0.000	0.00	0.000	6.00	0.600
5	Distribution of Various Kit													
5.1	IPM Kit	in no.			11	0.220	11	0.220	8	0.160	6	0.120	36	0.720
5.2	Improved/High Yeilding Variety (HYV) of Seed Kit	in no.			54	0.270	62	0.310	58	0.290	54	0.270	228	1.140
5.3	Vegitable Kit	in no.			31	0.062	70	0.140	68	0.136	54	0.108	223	0.446
5.4	Fodder Kit	in no.			40	0.200	37	0.185	35	0.175	34	0.170	146	0.730
6	Fisheries	in no.			0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
7	Singhade Ki Kheti	in no.			0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
8	Plastic Tray Nursery	in no.			0	0.000	0	0.000	10	0.500	0	0.000	10	0.500
9	Low Tunnel House	in no.			0	0.000	0	0.000	13	0.260	0	0.000	13	0.260

Year Wise Physical and Financial At A Glance of DPR			Kachaura, IWMP-IV				District:		Hathras (Mahamaya Nagar)		Area: 3635		(Phy. In ha/Nos, Fin in Lacs)	
S. No.	ProjectComponent	Unit	Ist Year		IInd Year		IIIrd Year		IVth Year		Vth Year		TOTAL	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
10	Animal Health Camps	in no.			7	0.700	11	1.100	11	1.100	10	1.000	39	3.900
11	Distribution of Buck	in no.			0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
12	Distribution of Agriculture Equipments													
12.1	Winnowing Fan	in no.			0	0.000	0	0.000	30	1.800	0	0.000	30	1.800
12.2	Sprayer	in no.			0	0.000	0	0.000	42	1.260	0	0.000	42	1.260
12.3	Broadcaster	in no.			0	0.000	0	0.000	22	0.330	0	0.000	22	0.330
12.4	Drum Seeder	in no.			0	0.000	0	0.000	9	0.720	0	0.000	9	0.720
12.5	Cono Weeded	in no.			0	0.000	0	0.000	21	0.294	0	0.000	21	0.294
12.6	Seed Treatment Drum	in no.			0	0.000	0	0.000	16	0.320	0	0.000	16	0.320
12.7	Irrigation Pipe	in no.			0	0.000	0	0.000	23	0.920	0	0.000	23	0.920
12.8	Portable Pump for Lift Irrigation	in no.			0	0.000	0	0.000	11	2.640	0	0.000	11	2.640
13	Micro-enterprises													
13.1	Mushroom Cultivation	in no.			0	0.000	0	0.000	0	0.000	3	0.720	3	0.720
13.3	Apiculture	in no.			0	0.000	0	0.000	0	0.000	3	0.720	3	0.720
13.5	Fruit Preservation	in no.			0	0.000	0	0.000	0	0.000	7	1.680	7	1.680
13.7	Poultry	in no.			0	0.000	0	0.000	0	0.000	9	1.800	9	1.800
13.9	Goatary	in no.			0	0.000	0	0.000	0	0.000	18	3.600	18	3.600
14.1	Dairy Product	in no.			0	0.000	0	0.000	0	0.000	4	0.960	4	0.960
14.3	Mini Dal Mill	in no.			0	0.000	0	0.000	0	0.000	6	1.200	6	1.200
14.5	Daliya Making Machine	in no.			0	0.000	0	0.000	0	0.000	6	1.200	6	1.200
14.7	Grain Cleaner Cum Grader	in no.			0	0.000	0	0.000	0	0.000	7	1.400	7	1.400
14.9	Floor Separator	in no.			0	0.000	0	0.000	0	0.000	7	1.680	7	1.680
15.1	Portable Charing Kiln	in no.			0	0.000	0	0.000	0	0.000	9	0.720	9	0.720
15.3	UMMB Block	in no.			0	0.000	0	0.000	0	0.000	1	0.100	1	0.100
	Sub Total					4.362		10.905		10.905		17.448		43.620
	Convergence													
16	Vermi Compost Pit@ Rs 0.09	in no.			13	1.170	13	1.170	13	1.170	13	1.170	52	4.680
17	Nadep Compost Pit @ Rs. 008	in no.			13	1.040	13	1.040	13	1.040	13	1.040	52	4.160
18	Cow Shelter@ Rs 0.45	in no.			0	0.000	13	5.850	0	0.000	13	5.850	26	11.700
19	Goat Shelter@ Rs. 0.35	in no.			13	4.550	0	0.000	13	4.550	0	0.000	26	9.100
20	Poultry Shelter@ Rs. 0.40	in no.			0	0.000	13	5.200	0	0.000	13	5.200	26	10.400
21	Azola Pit@ Rs. 0.02	in no.			0	0.000	13	0.260	0	0.000	13	0.260	26	0.520
22	Fodder Through@ Rs.0.35	in no.			0	0.000	13	4.550	0	0.000	13	4.550	26	9.100
23	Sanjeevak pit@ Rs.0.02	in no.			0	0.000	13	0.260	0	0.000	13	0.260	26	0.520
24	Micro Irrigation-Sprinkler	in no.			6	0.000	6	0.000	6	0.000	6	0.000	24	0.000
25	Micro Irrigation-Drip	in no.			6	0.000	6	0.000	6	0.000	6	0.000	24	0.000
26	Poly House	in no.			0	0.000	6	0.000	0	0.000	6	0.000	12	0.000
27	Agro Shed Net House	in no.			0	0.000	6	0.000	0	0.000	6	0.000	12	0.000
	Sub Total					6.760		18.330		6.760		18.330		50.180

Year Wise Physical and Financial At A Glance of DPR			Kachaura, IWMP-IV				District:		Hathras (Mahamaya Nagar)		Area: 3635		(Phy. In ha/Nos, Fin in Lacs)	
S. No.	ProjectComponent	Unit	Ist Year		IInd Year		IIIrd Year		IVth Year		Vth Year		TOTAL	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
	Total PSME					11.122		29.235		17.665		35.778		93.800
I	Water Development Works													
1	Land Development													
1.1	Block Plantation													
1.11	Horticulture	in ha			11.00	2.20	26.00	5.20	26.00	5.20	26.00	5.20	89.00	17.800
1.12	Afforestation	in ha			6.25	0.63	13.00	1.30	13.00	1.30	13.00	1.30	45.25	4.525
	Sub Total				17.25	2.825	39.00	6.500	39.00	6.500	39.00	6.500	134.25	22.325
1.2	Scattered Plantation													
1.21	Horticulture	in no.			850	0	1045	0	1045	0	1045	0	3985	1.594
1.22	Afforestation	in no.			525	0	680	0	680	0	605	0	2490	0.498
	Sub Total				1375	0.445	1725	0.554	1725	0.554	1650	0.539	6475	2.092
	Total					3.270		7.054		7.054		7.039		24.417
2	SMC-Convergence													
2.1	Contour Bund(CB)	in rmt			6175	4.650	13437	10.118	13389	10.082	13393	10.085	46394	34.935
2.1.1	Outlet (for safe disposal of Water) @ Rs. 750/outlet	in no.			12	0.090	26	0.195	26	0.195	26	0.195	90	0.675
2.2	Marginal Bund(MB)	in rmt			1822	3.405	4445	8.308	4383	8.192	4362	8.153	15012	28.057
2.2.1	Outlet (for safe disposal of Water) @ Rs.15000/outlet	in no.			3	0.450	8	1.200	8	1.200	8	1.200	27	4.050
2.3	Peripheral Bund(PB)	in rmt			652	1.219	849	1.587	2184	4.082	622	1.163	4307	8.050
2.3.1	Outlet (for safe disposal of Water) @ Rs.15000/outlet	in no.			1	0.150	1	0.150	4	0.600	1	0.150	7	1.050
	Sub Total					9.964		21.558		24.351		20.945		76.817
2-A	SMC-Under IWMP Fund													
2.A.1	Contour Bund(CB)	in rmt			574	0.432	382	0.288	0	0.000	0	0.000	956	0.720
2.A.2	Marginal Bund(MB)	in rmt			345	0.645	499	0.933	498	0.931	0	0.000	1342	2.508
2.A.3	Peripheral Bund(PB)	in rmt			0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
	Sub Total					1.077		1.220		0.931		0.000		3.228
3	Water Harvesting Structure													
3.1	Earthen Check Dam	in no.			3	2.988	0	0.000	0	0.000	0	0.000	3	2.988
3.2	Ponds Renovation	in no.			8	24.781	16	54.591	16	54.591	16	54.499	56	188.463
3.3	WHB	in no.			0	0.000	2	2.178	2	2.178	2	2.178	6	6.534
	DSW				0	0.000	2	5.000	2	5.000	2	5.000	6	15.000
3.5	Recharge structure in Abandand Well				3	0.544	0	0.000	0	0.000	0	0.000	3	0.544
3.6	Recharge Pit	in no.			14	0.700	16	0.800	16	0.800	16	0.800	62	3.100
	Sub Total				28	29.013	36	62.57	36	62.569	36	62.477	136	216.629
	Storage Capacity	ham				7.350		11.918		11.918		11.898		43.084
	Additional Area Brought Under Irrigation													
	@ 5 cm * 2 Irrigation/ha					36.75		59.59		59.59		59.49		215.42
	@ 7.5 cm * 2 Irrigation/ha					24.50		39.73		39.73		39.66		143.61
J	Consolidation													
1	Completion of Various Left Over Work											10.971	0	10.971

Year Wise Physical and Financial At A Glance of DPR			Kachaura, IWMP-IV				District:		Hathras (Mahamaya Nagar)		Area: 3635		(Phy. In ha/Nos, Fin in Lacs)	
S. No.	ProjectComponent	Unit	Ist Year		IInd Year		IIIrd Year		IVth Year		Vth Year		TOTAL	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
2	Perparation of Project Completion Report											0.180	0	0.180
3	Documentation of Successful Experience											0.450	0	0.450
4	Management and Maintenance of Developed Natural Resources											0.180	0	0.180
5	Users right and users charges											0.090	0	0.090
6	Sustainable utilization of natural tesources											0.180	0	0.180
7	formation of federation for post project economic											0.225	0	0.225
8	Capacity building of CBOs for post project period											0.090	0	0.090
9	Management and utilization of WDF											0.090	0	0.090
10	Intensification of PSME											0.360	0	0.360
11	Intensification of Livelihood											0.270	0	0.270
	Sub Total											13.086		13.086
	Grand Total			26.171		78.437		154.475		145.408		174.455		578.947
	Funds Available From IWMP			26.172		61.068		109.050		109.050		130.860		436.200
	Gap of Funds			0.00		17.37		45.42		36.36		43.60		142.75
	Funds From Convergence			0.00		17.37		45.42		36.36		43.60		142.75
	Project Cost per ha													
1	Cost per ha from IWMP FUND													0.12000
2	Cost from Convergence pr ha													0.03927
3	Total Cost per ha													0.15927

* Earth Work under WHS will be executed through 35HP Tractor/JCB

BENCHMARKING OF IWMP PROJECTS-	Kachaura, IWMP-IV	District:	Hathras (Mahamaya Nagar)		
	Agro Climetic Zone:			South Western Semi Arid Zone	
Indicators	Measuring details			Benchmark Indicators/Values (in % / No.)	
	How	Who	Frequency/ Stages	Pre Project Status	Post Project Status
Soil Health					
Soil Organic Carbon Increase	NMR Spectroscopy	Expert/ M&E Agency	5 Years	0.46	0.54
Erosion Reduction	Gully Formation Sediment Loss	Expert/ M&E Agency	3 Years	Run off:136.25 mm/anum, Soil Loss:8-12 ton/ha/anum	5-8% due to IWMP
			5 Years		8-10% due to IWMP
Hydrology					
Rainfall Intensity, No. of Rainy days	Rain Gauge (TRG + DL)	WDT facilitation /WC/PIA, M & E Agency	Daily	61 days/annum	6-8% due to IWMP
Stream Flow Cum/sec (Monsoon flow on selected streams in watershed) reduce	V Notch + Staff Gauge V Notch + AWLR (Decrease)	WDT facilitation /WC/PIA, M & E Agency			-
Ground Water Level (in meter) Increase	Tape WLR	WDT/WC/PIA, M & E Agency	Monthly	16-18	15-16
Open Well-Pre Monsoon					
Open Well-Post Monsoon					
Bore Well					
42-44	42-44				
Status of Water bodies (ponds, wells and springs)					
Spread area increase rejuvenation	Field Survey/ Remote Sensing	WDT/WC/PIA, M & E Agency	6 Monthly	-	upto 5-10%
			6 Monthly	-	10-20 in no.
New water bodies (in numbers) increase	Number/ Remote Sensing	M & E Agency	6 Monthly	-	8-10 in no.
Drinking Water Availability Increase	Survey/FGD	WDT/Expert/ M&E Agency	3 Years	Sufficient	Sufficient
			5 Years	Sufficient	Sufficient
Forestry					
Tree cover	Inventory	WDT/WC/M & E Agency	3 Years	262.08	5-7%
			5 Years	-	8-10%
NDVI	Remote Sensing	Expert/ M&E Agency	3 Years	-	Shape File Not available
			5 Years		Shape File Not available

BENCHMARKING OF IWMP PROJECTS-	Kachaura, IWMP-IV	District:	Hathras (Mahamaya Nagar)		
	Agro Climetic Zone:			South Western Semi Arid Zone	
Indicators	Measuring details			Benchmark Indicators/Values (in % / No.)	
	How	Who	Frequency/ Stages	Pre Project Status	Post Project Status
Survival of the Plant	Survey	M & E Agency	3 Years	35-40%	50-60%
			5 Years		60-75% due to casualty replacement under IWMP
% families cultivating agroforestry increase	Survey	M & E Agency	5 Years	-	8-10%
Species richness increase	Count Survey	Expert Agency	3 Years	-	4-5% due to IWMP
			5 Years		6-8% due to IWMP
Agriculture and horticulture					
Follow and wasteland reduction as % of total agriculture land	Remote Sensing/ Survey	Expert/ M&E Agency	5 Years	-	15-20%
Diversification in agriculture and horticulture increase	Survey	WDT/Expert/ M&E Agency	5 Years	-	10-15%
Area covered under improved varieties/HYV of total Cultivable Land	Survey	Expert/ M&E Agency	5 Years	-	10-15%
Area enhanced under irrigation as to total cultivated land	Survey	WDT/Expert/ M&E Agency	5 Years	-	7-8%
Demonstration of New technology increase	Survey	WDT/Expert/ M&E Agency	5 Years	-	5-7 in no.
Adoption of INM/IPM/IDM increase	Survey	WDT/ M & E Agency	5 Years	-	36
No. of Framer's producer's institutions increase	Survey	Expert/ M&E Agency	5 Years	-	05 No. due to IWMP
Local Innovations in Watershed Increase	Survey	PIA/WDT	5 Years	-	3-5 No. due to IWMP
Farmer's aware about climate change impacts increase	Survey	WDT/Expert	5 Years	-	15-20% due to IWMP
No. of farmers undergone trainings	Survey	PIA/WDT/ M & E Agency	Yearly	-	200 farmers per annum
Participation in exposure visits organised	Survey		Yearly	-	200 farmers per annum
Mechanization RCT increased	Survey		5 Years	-	10-15%
Cropping intensity, viz. shift from single to double, triple/intercropping increase					
Single Crop	Survey	PIA/WDT/ M & E Agency	3 Years 5 Years	2106.08	1647.00
Double C rop	Survey			1187.46	1592.50
Multiple Crop	Survey			0.00	88.00
Cropping Intensity (in %)	Survey			123.27	140.19
B : C Ratio	Survey			1.55 :1	2.43 :1
Improvement in Productivity					
Cereals, pulses, oil seeds, Fodder, Cash crops, Ornamental, vegetables, spices and plantation crops					

BENCHMARKING OF IWMP PROJECTS-	Kachaura, IWMP-IV		District:	Hathras (Mahamaya Nagar)			
	Agro Climetic Zone:			South Western Semi Arid Zone			
Indicators	Measuring details			Benchmark Indicators/Values (in % / No.)			
	How	Who	Frequency/ Stages	Pre Project Status	Post Project Status		
Khariff (Productivity in quintal/ha)	Survey	WDT/ M & E Agency	5 Years				
Paddy				16.00	20.50		
Bajra				5.00	5.00		
Maiz				9.00	14.50		
Arhar				3.25	5.75		
Urd/Moong				3.00	5.25		
Chia				0.00	2.50		
Vegetable				40.00	75.00		
Fodder				150.00	230.00		
Others				7.75	12.50		
Rabi (Productivity in quintal/ha)							
Wheat				16.25	21.00		
Mustard				3.00	5.75		
Lentil				3.25	5.25		
Field pea				9.00	14.00		
Quinoa				0.00	12.50		
Vegetable	45.00	75.00					
Fodder	160.00	200.00					
Others	8.00	12.00					
Zaid (Productivity in quintal/ha)			0.00	9.00			
Animal husbandary, dairy and fisheries							
Increase in area under grassland on CPR	Revenue Recrd/ Survey	WDT/ M & E Agency	3 Years	-	4-5%		
			5 Years		5-6%		
Increase in area under cultivated fodder	Revenue Recrd/ Survey	WDT/ M & E Agency	3 Years	-	4-5%		
			5 Years		5-6%		
Shift from open grazing to stall feeding	Revenue Recrd/ Survey	WDT/ M & E Agency	3 Years	-	10-12%		
			5 Years		12-15%		
Health camps	Survey		Yearly	-	Average one camp/annum		
No. of livestock owners adopting artificial insemination services	Survey	WDT/PIA, M & E Agency	3 Years	-	20-25% due to IWMP		
			5 Years		20-25% due to IWMP		
increase in production of aquaculture	Survey		5 Years	-	5-10%		
Economic, Financial Process, Assets, Institutional, Risk and Convergence							
Economic Indicators							
Total Average Income for Assetless/Annum	Survey	M & E Agency	3 Years	17500.00	22600.00		

BENCHMARKING OF IWMP PROJECTS-	Kachaura, IWMP-IV		District:	Hathras (Mahamaya Nagar)	
	Agro Climetic Zone:			South Western Semi Arid Zone	
Indicators	Measuring details			Benchmark Indicators/Values (in % / No.)	
	How	Who	Frequency/ Stages	Pre Project Status	Post Project Status
Total Average Income for Farmers/Annum	Survey	M & E Agency	5 Years	17500.00	25000.00
Total Average Income for Farmers/Annum	Survey	M & E Agency	3 Years 5 Years	22400.00	30800.00
No. of families recorded positive change in income	Survey	M & E Agency	3 Years 5 Years	-	25% due to IWMP 50% due to IWMP
Distress migration	Survey	M & E Agency	3 Years 5 Years	-	30% reduction due to IWMP
Financial Indicators					
Financial/Credit linkages(SHG/UGs/CIGs)	Survey	M & E Agency	5 Years	-	75-80% as planned under DPR
Watershed development Fund	Survey	M & E Agency	5 Years	-	100% as planned under DPR
Common property resource maintenance mechanism	Survey	M & E Agency	5 Years	-	60-75% as planned under DPR
Process Monitoring					
Status of area treatment	Survey	M & E Agency	3 Years	-	100% as planned under DPR
status of drainage line treatment	Survey	M & E Agency	5 Years	-	100% as planned under DPR
No. of Social audits	Survey	M & E Agency	5 Years	-	70-80% as planned under DPR
Gram Sabha's participation in planning and management of watershed	Survey	M & E Agency	3 Years	-	Active Participation as planned under DPR
			5 Years	-	Active Participation as planned under DPR
Formation of Institutions					
No. of SHGs/CBOs/Micro-enterprises formed	Survey	M & E Agency	3 Years	-	70-80% as planned under DPR by 3rd Year
No. of Watershed Committee Functional	Survey	M & E Agency	3 Years	-	100% Functional
Capacity Building of Institutions					
WCs/PIAs/CBOs	Survey	M & E Agency	5 Years	-	As Planned under DPR
PRIs	Survey	M & E Agency	3 Years	-	100% office Bearer Trained

BENCHMARKING OF IWMP PROJECTS-	Kachaura, IWMP-IV		District:	Hathras (Mahamaya Nagar)	
	Agro Climetic Zone:			South Western Semi Arid Zone	
Indicators	Measuring details			Benchmark Indicators/Values (in % / No.)	
	How	Who	Frequency/ Stages	Pre Project Status	Post Project Status
			5 Years		80% Member Trained
Watershed Assets	-				
No. of common watershed assets created	Survey	M & E Agency	3 Years	-	60% as planned under DPR
			5 Years		80% as planned under DPR
No. of Private Assets	Survey	M & E Agency	5 Years	-	70% as planned under DPR
Risk Management					
No. of SHGs/CBOs/Micro-enterprises linked to market	Survey	M & E Agency	5 Years	-	60% as planned un der DPR
Crop production related risk	Survey	M & E Agency	5 Years	-	50% reduction in crop failure per annum
Convergence					
Schemes	Survey	M & E Agency	3 Years	-	60% as planned under DPR
			5 Years		100% as planned under DPR
Institutional	Survey	M & E Agency	3 Years	-	60% as planned under DPR
			5 Years		100% as planned under DPR
Technology	Survey	M & E Agency	3 Years	-	60% as planned under DPR
			5 Years		100% as planned under DPR

S.No.	Objectives of IWMP
1	The main objectives of the IWMP are to restore the ecological balance by harnessing, conserving and developing degraded natural resources such as soil, vegetative cover and water.
2	Prevention of soil, run-off; rain water harvesting and recharging of the ground water table.
3	Regeneration of natural vegetation
4	Introduction of multi-cropping and diverse agro-based activities, which help to provide sustainable livelihoods to the people residing in the watershed area.
5	Promote development of cost effective and proven technologies to support watershed management

WEIGHTAGE POINT														
Name of Project			Kachaura, IWMP-IV				District:		Hathras (Mahamaya Nagar)					
Marks Obtained														
	i	ii	iii	iv	v	vi	vii	viii	ix	x	xi	xii	xiii	TOTAL
As per PPR	7.5	10	5	10	2	0	5	7.5	10	15	10	15	0	97

Details of Ongoing Development Programme in the Project Area			Kachaura, IWMP-IV	District	Hathras (Mahamaya Nagar)	
S. No.	Name of Programme	Sponsoring Agency/ Department	Objective of Programme	Commencement Year	Village Covered	Remarks
1	Ekikrit Bagwani Mission	Dept. of Horticulture	Promotion of Horticultural development through Direct Beneficiary Transfer (DBT) higher productivity.	2005-06	All villages of the district covered under this scheme.	
2	PMKSY	Deptt. of Horticulture		2015-16	All village.	
3	RKVY	Deptt. of Horticulture		2015-16	All village.	
4	Soli Health Card	Department of Agriculture	Balance use of Fertilizers as per Soil Test Report	2014-15	All village.	
5	Subsidised Agriculture Equipments	Department of Agriculture	Farm Mechanization	2010-11	All village.	
6	Crop Insurance	Department of Agriculture	To provide Financial Coverage from Natural Climeties	2015-16	All village.	
7	NRLM	Department of Rural Development	Empowerment of BPL families	2014-15	All village.	
8	Skill Development Mission	Directorate of Skill Development Mission, U.P.	Skill/Trade Training for economic Empowerment	2015-16	All village.	

MWS WISE DETAILS OF COORDINATES, LENGTH, MINIMUM AND MAXIMUM ELEVATION OF THE PROJECT AREA OF Kachaura, IWMP- District: Kachh (Mahamaya N)												
S. No.	MWS CODE	COORDINATES					DIRECTION LENGTH IN METER		Elevation (in m)			
		MWS NAME	Longitude (X)		Latitude (Y)		EW	NS	Minimum Elevation	Maximum Elevation	Difference	Mean Elevation
1	2B3D5e1a	Kachaura	78° 29' 05.43" E	78° 31' 04.79" E	27° 40' 38.33" N	27° 42' 26.73" N	3266	3264	171.00	176.50	5.50	173.97
2	2B3D5e1b	Kachaura	78° 27' 12.43" E	78° 29' 34.00" E	27° 41' 16.08" N	27° 43' 23.09" N	3819	3810	172.00	178.50	6.50	174.53
3	2B3D5e1c	Nauratha Isapur	78° 25' 54.84" E	78° 28' 00.97" E	27° 42' 05.45" N	27° 43' 49.92" N	3011	2078	172.50	178.00	5.50	175.14
4	2B3D5e1d	Bartar Khas	78° 25' 01.04" E	78° 26' 49.37" E	27° 42' 19.28" N	27° 44' 19.28" N	3028	1372	171.00	178.50	7.50	175.15
5	2B3D5e1e	Bartar Khas	78° 23' 58.84" E	78° 26' 04.60" E	27° 42' 55.41" N	27° 45' 23.13" N	3891	2699	173.00	180.00	7.00	176.02
6	2B3D5e2a	Kachaura	78° 30' 04.54" E	78° 31' 08.69" E	27° 41' 40.02" N	27° 43' 15.43" N	829	2940	171.00	178.00	7.00	174.16
7	2B3D5e2c	Ganthari Shahpur	78° 28' 28.33" E	78° 31' 00.66" E	27° 42' 03.30" N	27° 44' 30.39" N	4200	4541	171.50	178.00	6.50	174.61
8	2B3D5e2d	Agsauli	78° 26' 39.93" E	78° 29' 52.38" E	27° 43' 00.22" N	27° 44' 59.81" N	5393	3804	172.50	180.00	7.50	175.46
	TOTAL		78° 23' 58.84" E	78° 31' 08.69" E	27° 40' 38.33" N	27° 45' 23.13" N	-	-	171.00	180.00	9.00	175.10

MWS/GP/Village WISE DETAILS OF LAND-GEOGRAPHICAL AND TREATABLE AREA of Project Area-										Kachaura, IWMP-IV			District:-	Hathras (Mahamaya Nagar)	(Area in ha)	
MWS CODE	VILLAGE NAME	GP NAME	Cultivable Land				Non Cultivable Land								Geographical Area	Treatable Area
			Net Cultivated Area		Cultivable Waste Land		Water bodies			Builtup Area						
			Cultivable Land	Scrub Land	Waste Land	Canal	River/ Drain	Lakes/ Ponds	Road	Railway	Settlements	Plantation	Brick Kiln	Forest		
2B3D5e1a	Anandpur	Birawar	0.000	0.000	0.005	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.005	0.004
2B3D5e1a	Kachaura	Kachaura	394.968	0.000	33.690	3.988	0.000	1.613	5.232	0.000	19.336	10.679	0.000	0.000	469.506	349.519
Sub Total :			394.968	0.000	33.695	3.988	0.000	1.613	5.232	0.000	19.336	10.679	0.000	0.000	469.511	350.000
2B3D5e1b	Agsauli	Agsauli	189.630	0.000	24.148	3.488	0.000	1.911	2.703	0.000	2.560	0.367	0.000	0.000	224.808	165.252
2B3D5e1b	Anandpur	Birawar	1.223	0.000	0.000	0.000	0.000	0.000	0.029	0.000	0.000	0.007	0.000	0.000	1.259	0.946
2B3D5e1b	Bargawan	Bargawan	84.171	0.000	2.406	0.000	0.000	0.153	0.934	0.000	1.305	2.297	0.000	0.000	91.265	66.924
2B3D5e1b	Kachaura	Kachaura	471.824	0.000	20.635	4.535	0.189	2.867	5.559	0.000	22.549	24.129	0.000	0.000	552.287	380.675
2B3D5e1b	Nauratha Isapur	Nauratha Isapur	46.345	0.000	7.338	1.018	0.000	0.000	0.805	0.000	0.000	0.000	0.000	0.000	55.506	41.498
2B3D5e1b	Pipal Gawan	Pipal Gawan	32.076	0.000	0.000	0.000	0.000	0.000	0.313	0.000	0.071	0.583	0.000	0.000	33.044	24.795
Sub Total :			825.270	0.000	54.527	9.041	0.189	4.931	10.344	0.000	26.485	27.383	0.000	0.000	958.169	680.000
2B3D5e1c	Agsauli	Agsauli	138.166	0.000	19.817	0.000	0.000	0.880	2.408	0.000	6.919	3.013	0.000	0.000	171.202	117.683
2B3D5e1c	Arnia Talesra	Arnia Talesra	0.552	0.000	0.016	0.000	0.000	0.000	0.010	0.000	0.000	0.000	0.000	0.000	0.579	0.424
2B3D5e1c	Bartar Khas	Bartar Khas	6.967	0.000	1.018	0.000	0.000	0.402	0.370	0.000	2.672	0.417	0.000	0.000	11.846	5.948
2B3D5e1c	Nauratha Isapur	Nauratha Isapur	320.826	0.000	52.834	2.019	0.507	7.457	5.054	0.000	13.653	1.858	0.000	0.000	404.208	278.342
Sub Total :			466.511	0.000	73.686	2.019	0.507	8.739	7.842	0.000	23.244	5.287	0.000	0.000	587.834	402.000
2B3D5e1d	Arnia Talesra	Arnia Talesra	27.640	0.000	5.060	0.000	0.000	0.424	0.087	0.000	0.000	0.000	0.000	0.000	33.211	24.781
2B3D5e1d	Bartar Khas	Bartar Khas	219.283	0.000	37.706	0.000	0.313	3.004	4.481	0.000	4.578	15.512	0.000	0.000	284.875	194.754
2B3D5e1d	Nauratha Isapur	Nauratha Isapur	63.155	0.000	5.900	0.000	0.199	0.162	0.562	0.000	0.000	2.092	0.000	0.000	72.071	52.332
2B3D5e1d	Nawali Lalpur	Nawali Lalpur	4.466	0.000	19.334	0.000	0.013	0.103	0.000	0.000	0.000	0.000	0.000	0.000	23.916	19.334
2B3D5e1d	Rampur Nagla Chatol	Rampur Nagla Chatol	32.322	0.000	7.420	0.000	0.014	0.000	0.398	0.000	0.033	3.128	0.000	0.000	43.315	30.118
Sub Total :			346.866	0.000	75.420	0.000	0.539	3.693	5.528	0.000	4.610	20.732	0.000	0.000	457.388	321.000
2B3D5e1e	Ainchola Sahadatpur	Ainchola Sahadatpur	38.861	0.000	0.788	0.000	0.000	1.281	0.402	0.000	0.000	0.000	0.000	0.000	41.332	29.428
2B3D5e1e	Bartar Khas	Bartar Khas	272.783	0.000	134.266	0.000	0.434	8.413	3.965	0.000	9.025	1.549	0.000	0.000	430.435	302.128
2B3D5e1e	Rampur Nagla Chatol	Rampur Nagla Chatol	57.308	0.000	0.962	0.000	0.019	0.671	1.075	0.000	5.293	0.384	0.000	0.000	65.712	43.250
2B3D5e1e	Sanjarpur	Ainchola Sahadatpur	40.613	0.000	9.025	0.000	0.228	0.024	0.520	0.000	0.000	0.000	0.000	0.000	50.410	36.843
2B3D5e1e	Tatidanda	Tatidandia	13.883	0.000	23.192	0.000	0.000	0.000	0.245	0.000	0.000	0.000	0.000	0.000	37.320	27.519
2B3D5e1e	Tikari Kalan	Tikari Kalan	0.000	0.000	74.928	0.000	0.000	0.192	0.784	0.000	0.000	0.000	0.000	0.000	75.903	55.617
Sub Total :			423.447	0.000	243.161	0.000	0.681	10.581	6.991	0.000	14.317	1.933	0.000	0.000	701.112	495.000
2B3D5e2a	Anandpur	Birawar	17.557	0.000	1.792	0.000	0.000	0.000	0.306	0.000	0.000	3.467	0.000	0.000	23.122	16.538
2B3D5e2a	Ganthari Shahpur	Ganthari Shahpur	26.658	0.000	2.574	0.146	0.000	0.081	0.212	0.000	1.003	3.646	0.000	0.000	34.320	24.986
2B3D5e2a	Kachaura	Kachaura	55.819	0.000	7.471	1.266	0.000	0.000	0.313	0.000	0.000	0.000	0.000	0.000	64.869	54.096
Sub Total :			100.034	0.000	11.837	1.412	0.000	0.081	0.831	0.000	1.003	7.112	0.000	0.000	122.310	96.000
2B3D5e2c	Agsauli	Agsauli	303.861	0.000	15.588	4.394	0.000	2.887	4.994	0.000	14.046	18.931	0.000	0.000	364.700	273.797
2B3D5e2c	Anandpur	Birawar	125.162	0.000	30.136	0.000	0.000	0.699	2.888	0.000	0.572	21.243	0.000	0.000	180.701	133.105
2B3D5e2c	Birawar	Birawar	4.969	0.000	0.000	0.000	0.000	0.000	0.118	0.000	0.307	3.468	0.000	0.000	8.861	4.259
2B3D5e2c	Ganthari Shahpur	Ganthari Shahpur	258.928	0.000	13.331	5.272	0.000	2.688	6.083	0.000	13.309	68.441	0.000	0.000	368.051	233.351
2B3D5e2c	Kachaura	Kachaura	11.361	0.000	3.742	0.000	0.000	0.000	0.132	0.000	0.000	1.806	0.000	0.000	17.041	12.944

MWS/GP/Village WISE DETAILS OF LAND-GEOGRAPHICAL AND TREATABLE AREA of Project Area-										Kachaura, IWMP-IV		District:-	Hathras (Mahamaya Nagar)	(Area in ha)		
MWS CODE	VILLAGE NAME	GP NAME	Cultivable Land				Non Cultivable Land								Geographical Area	Treatable Area
			Net Cultivated Area	Cultivable Waste Land		Water bodies			Builtup Area					Forest		
			Cultivable Land	Scrub Land	Waste Land	Canal	River/ Drain	Lakes/ Ponds	Road	Railway	Settlements	Plantation	Brick Kiln			
Sub Total :			704.281	0.000	62.797	9.666	0.000	6.274	14.215	0.000	28.233	113.888	0.000	0.000	939.355	657.000
2B3D5e2d	Agsauli	Agsauli	658.211	0.000	36.607	4.985	0.000	2.942	11.079	0.000	35.695	51.659	2.654	0.000	803.833	573.956
2B3D5e2d	Bartar Khas	Bartar Khas	15.282	0.000	0.001	0.000	0.000	0.773	0.330	0.000	0.280	1.578	0.000	0.000	18.243	12.624
2B3D5e2d	Birawar	Birawar	56.980	0.000	0.000	0.000	0.000	0.000	1.595	0.000	2.690	19.920	0.000	0.000	81.185	47.068
2B3D5e2d	Mahmoodpur	Mahmoodpur	0.113	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.909	0.000	0.000	2.023	0.094
2B3D5e2d	Pachon	Pachon	0.083	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.083	0.069
Sub Total :			730.670	0.000	36.608	4.985	0.000	3.715	13.004	0.000	38.664	75.066	2.654	0.000	905.366	634.000
Total :			3992.046	0.000	591.730	31.112	1.915	39.627	63.987	0.000	155.892	262.081	2.654	0.000	5141.045	3635.000

On The basis of Above Table 9 Watershed Committees (WCs) have been formed at GP Level and WC wise Treatable Area in ha Given Below		
Kachaura, IWMP-IV		District
		Hathras (Mahamaya Nagar)
S.No.	Name of Watershed Committee (WC)	Project Area in ha
1	Agsauli	1131
2	Bargawan	92
3	Bartar Khas	543
4	Birawar	202
5	Ganthari Shahpur	258
6	Kachaura	797
7	Nauratha Isapur	397
8	Rampur Nagla Chatol	159
9	Tikari Kalan	56
Total :		3635

Rainfall data of District Hathras (Mahamaya Nagar)								for Last Ten Years from 2002-2013 (Rainfall in mm)								
Month	June	July	August	September	October	November	December	January	February	March	April	May	Average Rainfall	Minimum Temp. °C	Maximum Temp. °C	Relative Humidity
Year	Rain	Rain	Rain	Rain	Rain	Rain	Rain	Rain	Rain	Rain	Rain	Rain				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
2003-2004	35.50	38.10	366.30	238.00	0.00	0.00	0.00	9.50	0.00	0.00	25.10	10.10	722.60	-1°C	48°C	36% - 76%
2004-2005	7.80	39.50	179.90	124.60	32.00	0.00	0.00	0.00	3.00	14.00	0.00	5.00	405.80			
2005-2006	7.40	546.60	33.00	227.20	0.00	0.00	0.00	0.00	0.00	1.60	0.00	19.10	834.90			
2006-2007	42.10	284.40	56.70	33.50	0.00	0.00	0.00	0.00	37.67	0.00	0.00	28.33	482.70			
2007-2008	19.47	65.13	52.80	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	170.73			
2008-2009	237.80	228.30	31.00	76.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	573.30			
2009-2010	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.50	8.70	0.00	0.00	0.00	14.20			
2010-2011	0.00	155.00	80.00	120.00	0.00	30.00	0.00	8.00	38.00	10.00	4.00	7.00	452.00			
2011-2012	11.70	494.40	253.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	789.10			
2012-2013	0.30	8.30	34.00	15.30	17.70	6.70	0.00	2.70	3.70	0.00	0.00	7.70	96.40			

Average Rainfall of Last Ten Years 454.17

District:	Hathras (Mahamaya Nagar)		Agro-Climatic Zone :					South Western Semi Arid Zone						
	Month	Jan	Feb	Mar	Apl	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Temp	Max.	29°C	34°C	39°C	43°C	47°C	48°C	42°C	39°C	39°C	38°C	36°C	29°C	
	Min.	-1°C	3°C	8°C	13°C	17°C	20°C	13°C	17°C	19°C	12°C	6°C	1°C	
Relative Humidity		69%	61%	51%	36%	39%	54%	71%	76%	71%	61%	62%	69%	
Hours of Sunshine		9	10	11	12	13	12	7	7	9	11	10	10	
No. of Rainy Days		3	4	3	3	5	7	12	12	8	2	1	1	

Natural Climeties in the Project Area of,		Kachaura, IWMP-IV	District:- Hathras (Mahamaya Nagar)		- (Last 05 Years)
S. No.	Name of Climety	Number of Village Affected		Periodicity	Name of Affected Village
		Affected	Not Affected		
1	Drought	-	Not Affected	-	-
2	Flood	-	Not Affected	-	-

Details of Soil Erosion in the project area of,		Kachaura, IWMP-IV	District:- Hathras (Mahamaya Nagar)	
1	2	3	4	5
Cause	Type of erosion	Area affected (ha)	Run off (30% of the Annual Rainfall) (mm/ year)	Average soil loss (Tonnes/ha/ year)
Water erosion (25-30% of Project Areas)				
a	Sheet (70-80% of Water Erosion)	2726.25	136.25	8-12
b	Rill (15-20% of Water Erosion)	636.13		
c	Gully Erosion (5-10%)	272.63		
Wind erosion - Nil		N.A.		
Total		3635.00		

MWS Wise Details of Land under Various SLOPE Range of Project Area of				Kachaura, IWMP-IV	District-	Hathras (Mahamaya Nagar)
(Area In ha)						
MWS Code	MWS Name	00.00-00.50	0.51- 1.00	01.01-02.00	02.01-03.00	Total
2B3D5e1a	Kachaura	187.556	211.882	70.042	0.032	469.51
2B3D5e1b	Kachaura	411.808	427.817	116.325	2.218	958.17
2B3D5e1c	Nauratha Isapur	320.460	212.014	54.111	1.250	587.83
2B3D5e1d	Bartar Khas	71.260	141.349	219.185	27.305	459.10
2B3D5e1e	Bartar Khas	60.485	247.241	352.911	40.478	701.12
2B3D5e2a	Kachaura	67.508	37.471	16.924	0.407	122.31
2B3D5e2c	Ganthari Shahpur	310.766	421.309	205.530	1.750	939.35
2B3D5e2d	Agsauli	314.580	382.817	189.720	18.250	905.37
Total		1744.42	2081.90	1224.75	91.69	5142.76

MWS Wise Details of Land under Various SLOPE Category of Project Area of				Kachaura, IWMP-IV	District-	Hathras (Mahamaya Nagar)		
(Area In ha)								
MWS Code	MWS Name	Builtup Land	Waterbody	Nearly Level	Very Gently Sloping	Gently Sloping	Moderately Sloping	Total
2B3D5e1a	Kachaura	35.248	5.601	172.003	175.101	47.864	33.695	469.51
2B3D5e1b	Kachaura	64.211	14.161	370.112	374.473	80.685	54.527	958.17
2B3D5e1c	Nauratha Isapur	36.373	11.265	262.487	170.246	33.778	73.686	587.83
2B3D5e1d	Bartar Khas	30.870	4.232	55.280	99.189	192.397	77.132	459.10
2B3D5e1e	Bartar Khas	23.242	11.262	45.354	143.264	234.833	243.161	701.12
2B3D5e2a	Kachaura	8.946	1.493	58.329	30.500	11.204	11.837	122.31
2B3D5e2c	Ganthari Shahpur	156.336	15.940	248.603	328.268	127.411	62.797	939.35
2B3D5e2d	Agsauli	129.389	8.700	272.239	312.922	145.509	36.608	905.37
Total		484.61	72.65	1484.41	1633.96	873.68	593.44	5142.76

MWS Wise Details of Land under Various LCC Category of Project Area of				Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)	
(Area In ha)								
MWS Code	MWS Name	I	II	III	IV	Builtup Area	Water bodies	Total
2B3D5e1a	Kachaura	172.00	175.10	47.86	33.70	35.25	5.60	469.51
2B3D5e1b	Kachaura	370.11	374.47	80.69	54.53	64.21	14.16	958.17
2B3D5e1c	Nauratha Isapur	262.49	170.25	33.78	73.69	36.37	11.26	587.83
2B3D5e1d	Bartar Khas	55.28	99.19	192.40	77.13	30.87	4.23	459.10
2B3D5e1e	Bartar Khas	45.35	143.26	234.83	243.16	23.24	11.26	701.12
2B3D5e2a	Kachaura	58.33	30.50	11.20	11.84	8.95	1.49	122.31
2B3D5e2c	Ganthari Shahpur	248.60	328.27	127.41	62.80	156.34	15.94	939.35
2B3D5e2d	Agsauli	272.24	312.92	145.51	36.61	129.39	8.70	905.37
Total		1484.41	1633.96	873.68	593.44	484.61	72.65	5142.76

MWS Wise Details of Soil Depth of Project Area of				Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)	
(Area In ha)								
MWS Code	MWS Name	Waterbody	Built Land	Very deep	Deep	Moderately deep	Shallow	Total
				(>90.00 cm)	(45.00-90.00 cm)	(22.5-45.00 cm)	(7.5-22.5 cm)	
2B3D5e1a	Kachaura	35.248	5.601	172.003	175.101	47.864	33.695	469.51
2B3D5e1b	Kachaura	64.211	14.161	370.112	374.473	80.685	54.527	958.17
2B3D5e1c	Nauratha Isapur	36.373	11.265	262.487	170.246	33.778	73.686	587.83
2B3D5e1d	Bartar Khas	30.870	4.232	55.280	99.189	192.397	77.132	459.10
2B3D5e1e	Bartar Khas	23.242	11.262	45.354	143.264	234.833	243.161	701.12
2B3D5e2a	Kachaura	8.946	1.493	58.329	30.500	11.204	11.837	122.31
2B3D5e2c	Ganthari Shahpur	156.336	15.940	248.603	328.268	127.411	62.797	939.35
2B3D5e2d	Agsauli	129.389	8.700	272.239	312.922	145.509	36.608	905.37
Total		484.61	72.65	1484.41	1633.96	873.68	593.44	5142.76

MWS Wise Details of Soil Fertility of Project Area of				Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)	
(Area In ha)								
MWS Code	MWS Name	Builtup Land	Waterbody	Very High	High	Medium	Medium To low	Total
2B3D5e1a	Kachaura	35.248	5.601	172.003	175.101	47.864	33.695	469.51
2B3D5e1b	Kachaura	64.211	14.161	370.112	374.473	80.685	54.527	958.17
2B3D5e1c	Nauratha Isapur	36.373	11.265	262.487	170.246	33.778	73.686	587.83
2B3D5e1d	Bartar Khas	30.870	4.232	55.280	99.189	192.397	77.132	459.10
2B3D5e1e	Bartar Khas	23.242	11.262	45.354	143.264	234.833	243.161	701.12
2B3D5e2a	Kachaura	8.946	1.493	58.329	30.500	11.204	11.837	122.31
2B3D5e2c	Ganthari Shahpur	156.336	15.940	248.603	328.268	127.411	62.797	939.35
2B3D5e2d	Agsauli	129.389	8.700	272.239	312.922	145.509	36.608	905.37
Total		484.61	72.65	1484.41	1633.96	873.68	593.44	5142.76

MWS Wise Details of Soil Texture of Project Area of				Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)	
(Area In ha)								
MWS Code	MWS Name	Builtup Land	Waterbody	Fine Sandy Loam	Fine Loamy	Clay Loam	Fine Sility	Total
2B3D5e1a	Kachaura	35.248	5.601	172.003	175.101	47.864	33.695	469.51
2B3D5e1b	Kachaura	64.211	14.161	370.112	374.473	80.685	54.527	958.17
2B3D5e1c	Nauratha Isapur	36.373	11.265	262.487	170.246	33.778	73.686	587.83
2B3D5e1d	Bartar Khas	30.870	4.232	55.280	99.189	192.397	77.132	459.10
2B3D5e1e	Bartar Khas	23.242	11.262	45.354	143.264	234.833	243.161	701.12
2B3D5e2a	Kachaura	8.946	1.493	58.329	30.500	11.204	11.837	122.31
2B3D5e2c	Ganthari Shahpur	156.336	15.940	248.603	328.268	127.411	62.797	939.35
2B3D5e2d	Agsauli	129.389	8.700	272.239	312.922	145.509	36.608	905.37
Total		484.61	72.65	1484.41	1633.96	873.68	593.44	5142.76

MWS Wise Details of Soil EROSION of Project Area of				Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)	
(Area In ha)								
MWS Code	MWS Name	Builtup Land	Waterbody	None to Slight Sheet Erosion	Slight Sheet Erosion	Moderately Erosion	Severe Small Gullies	Total
2B3D5e1a	Kachaura	35.248	5.601	172.003	175.101	47.864	33.695	469.51
2B3D5e1b	Kachaura	64.211	14.161	370.112	374.473	80.685	54.527	958.17
2B3D5e1c	Nauratha Isapur	36.373	11.265	262.487	170.246	33.778	73.686	587.83
2B3D5e1d	Bartar Khas	30.870	4.232	55.280	99.189	192.397	77.132	459.10
2B3D5e1e	Bartar Khas	23.242	11.262	45.354	143.264	234.833	243.161	701.12
2B3D5e2a	Kachaura	8.946	1.493	58.329	30.500	11.204	11.837	122.31
2B3D5e2c	Ganthari Shahpur	156.336	15.940	248.603	328.268	127.411	62.797	939.35
2B3D5e2d	Agsauli	129.389	8.700	272.239	312.922	145.509	36.608	905.37
Total		484.61	72.65	1484.41	1633.96	873.68	593.44	5142.76

S WISE DETAILS OF STREAM ORDER IN THE PROJECT AREA			Kachaura, IWMP-IV	District-	Hathras (Mahamaya Nagar)
S.NO.	MWS CODE	MWS NAME	No of Waterbodies	Stream Length (in m)	
				Length	NO.
1	2B3D5e1a	Kachaura	11	-	-
2	2B3D5e1b	Kachaura	20	636.01	1
3	2B3D5e1c	Nauratha Isapur	11	1699.74	1
4	2B3D5e1d	Bartar Khas	10	1807.60	1
5	2B3D5e1e	Bartar Khas	22	2277.33	1
6	2B3D5e2a	Kachaura	1	-	-
7	2B3D5e2c	Ganthari Shahpur	14	-	-
8	2B3D5e2d	Agsauli	14	-	-
TOTAL			103	6420.68	4

MWS WISE DETAILS OF ROAD LENGTH OF			Kachaura, IWMP-IV	District-	Hathras (Mahamaya Nagar)
S.NO	M WS CODE	WS NAME	Road Length (in m)		
			Major Roads	Minor Roads	Total
1	2B3D5e1a	Kachaura	26365.47	48177.36	74542.83
2	2B3D5e1b	Kachaura	26365.47	85909.27	112274.74
3	2B3D5e1c	Nauratha Isapur	26365.47	32033.91	58399.38
4	2B3D5e1d	Bartar Khas	26365.47	41531.25	67896.72
5	2B3D5e1e	Bartar Khas		31241.71	31241.71
6	2B3D5e2a	Kachaura		48017.88	48017.88
7	2B3D5e2c	Ganthari Shahpur	27283.82	80810.59	108094.41
8	2B3D5e2d	Agsauli	26365.47	45305.74	71671.21
TOTAL			159111.17	413027.71	572138.88

MWS WISE DETAILS OF WATERBODIES UNDER					Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)		
S. NO.	ID	CLASS	MWS CODE	No.	VILLAGE NAME	KHASRA NO	Longitude (X)	Latitude (Y)	AREA (ha)	
1	1	Pond	2B3D5e1a		Kachaura	2253,2252	78°29'44.52"	27°41'18.60"	0.03	
2	13	Pond	2B3D5e1a		Kachaura	P	78°29'33.36"	27°41'39.48"	0.20	
3	17	Pond	2B3D5e1a		Kachaura	2109,2108,P,2110,2094	78°29'26.16"	27°41'29.04"	0.27	
4	23	Pond	2B3D5e1a		Kachaura	P	78°29'20.76"	27°41'16.08"	0.13	
5	28	Pond	2B3D5e1a		Kachaura	P,2074,2077	78°29'14.64"	27°41'25.08"	0.41	
6	45	Pond	2B3D5e1a		Kachaura	2376,2362,P	78°30'07.56"	27°40'57.00"	0.06	
7	46	Pond	2B3D5e1a		Kachaura	2371,2369,2368,1184	78°30'11.88"	27°40'54.48"	0.17	
8	53	Pond	2B3D5e1a		Kachaura	2312,2308,2310,P	78°29'49.56"	27°40'53.04"	0.35	
9	55	Pond	2B3D5e1a		Kachaura		78°30'24.12"	27°40'54.12"	0.00	
10	56	Pond	2B3D5e1a		Kachaura		78°30'20.52"	27°40'51.96"	0.12	
11	57	Pond	2B3D5e1a		Kachaura		78°30'22.68"	27°40'55.92"	0.10	
Sub Total :				11					1.85	
12	8	Pond	2B3D5e1b		Agsauli	2717,2718,2716	78°28'16.68"	27°42'47.52"	0.35	
13	9	Pond	2B3D5e1b		Agsauli	P,2769,2762,2748,2760,2770,2759	78°28'00.84"	27°42'40.68"	0.74	
14	12	Pond	2B3D5e1b		Kachaura	P	78°28'48.36"	27°42'12.96"	0.11	
15	14	Pond	2B3D5e1b		Kachaura	P	78°28'51.24"	27°42'19.08"	0.30	
16	19	Pond	2B3D5e1b		Kachaura	1905,P	78°29'18.60"	27°41'40.56"	0.30	
17	20	Pond	2B3D5e1b		Kachaura	1948,P	78°29'17.52"	27°41'45.96"	0.14	
18	24	Pond	2B3D5e1b		Kachaura	1855,P,1856,1854	78°28'57.36"	27°41'30.48"	0.30	
19	25	Pond	2B3D5e1b		Kachaura	p	78°28'54.48"	27°41'31.56"	0.64	
20	26	Pond	2B3D5e1b		Kachaura	P	78°28'47.28"	27°41'35.52"	0.10	
21	27	Pond	2B3D5e1b		Kachaura	p	78°28'49.80"	27°41'34.44"	0.05	
22	28	Pond	2B3D5e1b		Kachaura	P	78°28'52.32"	27°41'33.72"	0.02	
23	33	Pond	2B3D5e1b		Agsauli	2743,2444	78°28'09.84"	27°42'43.92"	0.11	
24	35	Pond	2B3D5e1b		Agsauli	3645,3637	78°27'37.80"	27°42'38.16"	0.14	
25	41	Pond	2B3D5e1b		Bargawan	1438	78°27'57.96"	27°41'50.64"	0.07	
26	45	Pond	2B3D5e1b		Kachaura	P,501,499	78°28'23.16"	27°41'59.28"	0.45	
27	54	Pond	2B3D5e1b		Bargawan	1420,1421,1424,P	78°27'41.76"	27°41'44.52"	0.08	
28	55	Pond	2B3D5e1b		Agsauli	3595,3586,3573,3590,3589	78°27'37.08"	27°42'45.00"	0.23	
29	57	Pond	2B3D5e1b		Agsauli	P,3611	78°27'42.84"	27°42'46.08"	0.17	

MWS WISE DETAILS OF WATERBODIES UNDER					Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)	
S. NO.	ID	CLASS	MWS CODE	No.	VILLAGE NAME	KHASRA NO	Longitude (X)	Latitude (Y)	AREA (ha)
30	64	Pond	2B3D5e1b	20	Kachaura	P	78°28'49.08"	27°41'21.12"	0.48
31	83	Pond	2B3D5e1b		Agsauli	P,3572	78°27'34.92"	27°42'41.40"	0.19
Sub Total :									
32	6	Pond	2B3D5e1c	11	Nauratha Isapur	48,05,16,491	78°26'07.80"	147°46'09.06"	0.33
33	7	Pond	2B3D5e1c		Nauratha Isapur	P,489	78°26'16.08"	147°39'16.53"	0.13
34	13	Pond	2B3D5e1c		Nauratha Isapur	662,707,P,714,701,70 2,705,706,700,719,71 0,736,667,662,	78°27'00.72"	147°37'12.77"	6.05
35	14	Pond	2B3D5e1c		Agsauli	2418,3364,3365,	78°27'30.24"	148°19'29.83"	0.23
36	15	Pond	2B3D5e1c		Agsauli	2415,2413,	78°27'33.84"	148°24'59.85"	0.11
37	16	Pond	2B3D5e1c		Agsauli	3260,3267,p,3265,	78°26'58.56"	148°38'44.91"	0.18
38	17	Pond	2B3D5e1c		Agsauli	3246,3245,P	78°26'53.88"	148°40'07.42"	0.27
39	19	Pond	2B3D5e1c		Agsauli	3265,P	78°26'57.12"	148°41'09.29"	0.19
40	24	Pond	2B3D5e1c		Agsauli	3256,3247,3245,	78°26'54.96"	148°36'41.15"	0.22
41	30	Pond	2B3D5e1c		Nauratha Isapur	132,131,126,205,P,12 0,129,128,207,208,21 0,	78°26'40.20"	148°07'48.53"	0.98
42	35	Pond	2B3D5e1c		Bartar Khas	2004,1991,	78°26'45.24"	148°43'54.31"	0.09
Sub Total :									8.77
43	0	Pond	2B3D5e1d	10	Bartar Khas	1719,1723,	78°25'58.44"	27°43'41.16"	0.27
44	4	Pond	2B3D5e1d		Bartar Khas	P,1703,1702,	78°26'08.16"	27°43'35.04"	0.08
45	6	Pond	2B3D5e1d		Bartar Khas	1686,1720,	78°26'05.28"	27°43'46.56"	0.07
46	9	Pond	2B3D5e1d		Arnia Talesra	127,128,126,P,259,	78°25'42.24"	27°42'42.48"	0.56
47	10	Pond	2B3D5e1d		Nauratha Isapur	519,480,516,491,P	78°26'06.36"	27°42'43.20"	0.13
48	20	Pond	2B3D5e1d		Bartar Khas	1223,P,1226,1204,122 8,1233,1225,	78°26'03.84"	27°44'06.36"	1.00
49	23	Pond	2B3D5e1d		Bartar Khas	P,1600,1595,1506,135 0,1344,1345,	78°26'33.72"	27°43'53.76"	0.53
50	25	Pond	2B3D5e1d		Bartar Khas	1973,P,1975,1956,	78°25'53.40"	27°43'31.08"	0.74
51	37	Pond	2B3D5e1d		Bartar Khas	1635,P,1634,1167,	78°26'07.08"	27°43'55.92"	0.13
52	44	Pond	2B3D5e1d		Bartar Khas	P,1282,1278,1277,	78°26'07.80"	27°44'16.80"	0.17
Sub Total :									3.69
53	0	Pond	2B3D5e1e	10	Tikari Kalan	1921,1924,1925,	78°25'55.20"	149°55'03.99"	0.19
54	3	Pond	2B3D5e1e		Rampur Nagla Chatol	121,120,133,132,	78°25'03.72"	148°11'35.42"	0.07

MWS WISE DETAILS OF WATERBODIES UNDER				Kachaura, IWMP-IV	District-	Hathras (Mahamaya Nagar)				
S. NO.	ID	CLASS	MWS CODE	No.	VILLAGE NAME	KHASRA NO	Longitude (X)	Latitude (Y)	AREA (ha)	
55	5	Pond	2B3D5e1e		Ainchola Sahadatpur	P,17	78°24'16.92"	148°35'39.27"	0.49	
56	6	Pond	2B3D5e1e		Ainchola Sahadatpur	14,13	78°24'17.28"	148°43'54.31"	0.14	
57	8	Pond	2B3D5e1e		Bartar Khas	953,952,886,P	78°25'27.12"	148°54'33.73"	0.15	
58	9	Pond	2B3D5e1e		Bartar Khas	4,72,470	78°25'15.96"	149°04'11.27"	0.13	
59	12	Pond	2B3D5e1e		Bartar Khas	1892,1894,1895,1890, 1823,	78°25'18.84"	148°24'18.60"	0.34	
60	17	Pond	2B3D5e1e		Bartar Khas	16,51,68,159	78°24'20.88"	148°53'11.22"	0.42	
61	19	Pond	2B3D5e1e		Bartar Khas	1890,1827,1828,	78°25'13.08"	148°24'39.22"	0.35	
62	20	Pond	2B3D5e1e		Bartar Khas	1877,1876,1873,	78°25'08.04"	148°19'29.83"	0.14	
63	21	Pond	2B3D5e1e		Bartar Khas	960,984,959,958,957, 956,P,947,	78°25'22.08"	148°49'24.33"	2.69	
64	24	Pond	2B3D5e1e		Bartar Khas	793,794,792,791,781, P,513,823,1243,	78°25'47.28"	149°14'30.06"	1.00	
65	28	Pond	2B3D5e1e		Rampur Nagla Chatol	P	78°24'59.76"	148°02'18.50"	0.22	
66	29	Pond	2B3D5e1e		Rampur Nagla Chatol	16,11,56,159	78°25'03.36"	148°01'57.88"	0.18	
67	30	Pond	2B3D5e1e		Bartar Khas	P	78°25'25.32"	149°05'33.77"	0.64	
68	31	Pond	2B3D5e1e		Bartar Khas	830	78°25'38.64"	149°04'31.90"	0.23	
69	37	Pond	2B3D5e1e		Bartar Khas	360,369,372,365,368, 367,388,300,362,313, 359,P,	78°24'51.12"	149°02'48.76"	1.04	
70	38	Pond	2B3D5e1e		arpur,Ainchola Sahada	2,47,1,43	78°24'28.08"	148°47'41.20"	0.55	
71	45	Pond	2B3D5e1e		Bartar Khas	189,212,209,213,210, 203,	78°24'38.52"	148°55'56.23"	1.30	
72	49	Pond	2B3D5e1e		Ainchola Sahadatpur	55,36,54,53,41	78°24'24.12"	148°33'35.51"	0.13	
73	51	Pond	2B3D5e1e		Rampur Nagla Chatol	97,98,96,99,96	78°24'57.60"	148°16'44.81"	0.18	
74	53	Pond	2B3D5e1e		Rampur Nagla Chatol	1,09,107	78°24'57.96"	148°19'50.45"	0.03	
Sub Total :					22					10.61
75	3	Pond	2B3D5e2a			Ganthari Shahpur	P	78°30'53.64"	27°43'06.60"	0.08
Sub Total :				1						0.08
76	1	Pond	2B3D5e2c		Agsauli	366,P,2388,2371	78°29'06.00"	27°43'22.80"	1.64	
77	6	Pond	2B3D5e2c		Agsauli	2644	78°29'03.12"	27°42'53.64"	0.12	
78	7	Pond	2B3D5e2c		Agsauli	2645,2584,2632,	78°29'04.56"	27°42'57.60"	0.09	
79	13	Pond	2B3D5e2c		Ganthari Shahpur	P	78°30'15.48"	27°43'11.28"	0.21	

MWS WISE DETAILS OF WATERBODIES UNDER					Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)			
S. NO.	ID	CLASS	MWS CODE	No.	VILLAGE NAME	KHASRA NO	Longitude (X)	Latitude (Y)	AREA (ha)		
80	19	Pond	2B3D5e2c		Agsauli	2530,2529,2528,2543,	78°29'30.12"	27°43'02.64"	0.35		
81	33	Pond	2B3D5e2c		Ganthari Shahpur	P,	78°30'14.40"	27°43'38.64"	0.19		
82	34	Pond	2B3D5e2c		Ganthari Shahpur	P	78°30'17.28"	27°43'37.92"	0.94		
83	36	Pond	2B3D5e2c		Ganthari Shahpur	P	78°30'41.76"	27°43'06.24"	0.16		
84	46	Pond	2B3D5e2c		Ganthari Shahpur	P	78°29'49.56"	27°43'08.76"	0.33		
85	49	Pond	2B3D5e2c		Anandpur	ANANDPUR	78°29'27.60"	27°42'38.88"	0.28		
86	56	Pond	2B3D5e2c		Anandpur	ANANDPUR	78°29'15.72"	27°42'31.32"	0.29		
87	60	Pond	2B3D5e2c		Anandpur	ANANDPUR	78°29'54.60"	27°42'35.28"	0.11		
88	64	Pond	2B3D5e2c		Ganthari Shahpur	P	78°30'42.84"	27°42'59.40"	0.86		
89	82	Pond	2B3D5e2c		Agsauli	P,1464,1459,1458,1451,1463,1457,	78°29'52.80"	27°44'09.60"	0.71		
Sub Total :					14					6.28	
90	9	Pond	2B3D5e2d			Agsauli	66,66,85,690	78°28'04.80"	27°44'10.68"	0.41	
91	14	Pond	2B3D5e2d			Agsauli	213,212,P,126	78°27'28.08"	27°44'23.64"	0.33	
92	18	Pond	2B3D5e2d			Agsauli	P,205,179	78°28'10.20"	27°44'19.32"	0.10	
93	27	Pond	2B3D5e2d	Bartar Khas		1543,1542,1539,1540,1538,1541,P,1531,1529,1532,1516,	78°26'54.24"	27°44'02.40"	0.79		
94	28	Pond	2B3D5e2d	Agsauli		232	78°27'21.96"	27°44'21.48"	0.06		
95	39	Pond	2B3D5e2d	Agsauli		290,P,179	78°27'23.04"	27°44'05.64"	0.31		
96	43	Pond	2B3D5e2d	Agsauli		681	78°27'55.44"	27°44'12.48"	0.09		
97	58	Pond	2B3D5e2d	Agsauli		66,36,65,666	78°28'05.16"	27°44'00.24"	0.08		
98	76	Pond	2B3D5e2d	Agsauli		2134,700,P,2133,2113,	78°28'22.08"	27°44'04.56"	0.64		
99	77	Pond	2B3D5e2d	Agsauli		2082,2086,2074,2106,P,2100,2108,2097,	78°28'32.52"	27°44'00.60"	0.57		
100	87	Pond	2B3D5e2d	Agsauli		2140,P,2074,	78°28'17.40"	27°43'55.20"	0.05		
101	100	Pond	2B3D5e2d	Agsauli		P	78°29'12.84"	27°44'04.20"	0.16		
102	122	Pond	2B3D5e2d	Agsauli		2305,2304,2300,	78°28'39.36"	27°43'19.92"	0.14		
103	125	Pond	2B3D5e2d	Agsauli		554,,517,	78°27'42.12"	27°44'03.48"	0.05		
Sub Total :				14					3.77		
Total :				103					40.02		

Details of PRA Activities under		Kachaura, IWMP-IV	District-	Hathras (Mahamaya Nagar)
PRA Team	PIA			
S.No.	Activity During PRA			
1	Social Map			
2	Resource Map			
3	Transect Walk			
4	Focus Group Discussion (FGDs)			
5	Participatory Situation Analysis (PSAs)			
6	Participatory Identification of Poor (PIPs)			
7	Seasonal Analysis			
8	Livelihood Analysis			
9	Crop Analysis			
10	Live Stock Analysis			
11	Problem Identification and Ranking			
(Details of PRA are annexed in Project File)				

SEASONAL ANALYSIS

Seasonal analysis has been done with the help of farmers about rainfall patterns, cultivated crops, employment, income, availability of fuel, fodder, migration, transport and health hazards etc. with respect to seasonal variation in a year which is shown as below :-

Item/Month	January	February	March	April	May	June	July	August	September	October	November	December
Festivals			Holi	Baishaki				Raksha Bandhan		Dussehra	Diwali	Guru Parv
Sowing crops/ harvesting						Maize, Paddy, Arhar				Mustard, Wheat		
			Mustard	Wheat, Arhar					Maize, Paddy			
Disease	Cough & Cold					Gastro Intestinal/Gastro Motions			Fever			
Purchase/ Expenditure												
Rains												
Fodder scarcity												
Fuel/Wood scarcity												
Loaning period (required)												
Marriage period												
Drinking water scarcity												
Irrigation water scarcity												

PROBLEM AND NEED OF AREA UNDER		Kachaura, IWMP-IV	District-	Hathras (Mahamaya Nagar)
S. No.	Problem			Rank
1	Low production of field crops			2
2	Lack of irrigation water			1
3	Lack of Safe drinking water			4
4	Non availability of fuel wood			7
5	Lack of inputs like quality seeds, fertilizers, pesticides etc.			3
6	Medical and health care facilities for milching animals and low productivity			5
7	Lack of fodder availability and low annual productivity			8
8	Lack of medical, educational and transportation facilities			9
9	Degraded Land			6
	Others			

Village Wise Details of Migration from Project area Of				Kachaura, IWMP-IV	District-	Hathras (Mahamaya Nagar)	
S. No	Village	No. of Persons Migrating	No. of Days per year of Migration	Major Reasons for Migration	Distance of Destination of Migration Km.	Occupation During Migration	Income/person from Each Occupation (During The migration Period) (In Rs.)
1	Agsauli	3544	180-210	Non Availability of Employment	125-500 km.	Unskilled labour	8000-10000/pm
2	Ainchola Sahadatpur	402	180-210		125-500 km.	Unskilled labour	8000-10000/pm
3	Anandpur	45	180-210		125-500 km.	Unskilled labour	8000-10000/pm
4	Arnia Talesra	324	180-210		125-500 km.	Unskilled labour	8000-10000/pm
5	Bargawan	1242	180-210		125-500 km.	Unskilled labour	8000-10000/pm
6	Bartar Khas	894	180-210		125-500 km.	Unskilled labour	8000-10000/pm
7	Birawar	493	180-210		125-500 km.	Unskilled labour	8000-10000/pm
8	Ganthari Shahpur	1119	180-210		125-500 km.	Unskilled labour	8000-10000/pm
9	Kachaura	3095	180-210		125-500 km.	Unskilled labour	8000-10000/pm
10	Mahmoodpur	554	180-210		125-500 km.	Unskilled labour	8000-10000/pm
11	Nauratha Isapur	1123	180-210		125-500 km.	Unskilled labour	8000-10000/pm
12	Nawali Lalpur	504	180-210		125-500 km.	Unskilled labour	8000-10000/pm
13	Pachon	1380	180-210		125-500 km.	Unskilled labour	8000-10000/pm
14	Pipal Gawan	2757	180-210		125-500 km.	Unskilled labour	8000-10000/pm
15	Rampur Nagla Chatol	255	180-210		125-500 km.	Unskilled labour	8000-10000/pm
16	Sanjarpur	0	-		-	-	-
17	Tatidandia	609	180-210		125-500 km.	Unskilled labour	8000-10000/pm
18	Tikari Kalan	1161	180-210		125-500 km.	Unskilled labour	8000-10000/pm
Total		19501	180-210	125-500 km.	Unskilled labour	8000-10000/pm	

Note: After intervention of the project it is expected that migration will be reduced by 30%

	Pre Project migration	Post project migration
No.	19501	13651
Days	180-210	120-150

Infrastructure Facilities				
	Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)
1	2	3	4	5
S.No	Infrastructure type	No./Quantity	Distance (km)	Status (description)
1	Educational Institutions			
	Anganwadi	17	Within the village	Running smoothly
	Asha Centre	16	Within the village	Running smoothly
	Pre Primary School	-	-	
	Primary School	13	Within the village	Running smoothly
	Middle School	6	Within the village	Running smoothly
	Secondary School	1	Within 12-15 km radius	Running smoothly
	Senior Secondary School	1	Within 18-20 km radius	Government.
	Govt. College	-	-	-
	Vocational Institutions	-	-	-
2	Service Institutions			
	Bank	-	6-8 km radius	Nationalized Bank
	Post office	2	Within 18-20 km radius	Post Office (Rural)
	Primary Health Care Center	1	Within 12-15 km radius	Functional
	Mobile Health Clinic	-	-	-
	Veterinary Center	2	Within 10-12 km radius	Trained Staff Available
	Markets/ Village Haat	7/9	6-8 km radius	Daily/Weekly
3	No. of bore wells	93	Within village	-
	Functional	23		N.A.
	Defunct	70		N.A.
4	No. of Tube wells	28		
	Functional	21		N.A.
	Defunct	7		N.A.
5	No. Of Well	132		
	Functional	17		N.A.
	Defunct/Abandon	115		N.A.
6	Road Connectivity (to main road by an all- weather road) (Yes/No)	Yes	Yes	
7	Bus facility (Yes/No)	Yes	Tempo Service	Bus facility available up to main road
8	No. of Village provided electricity	All Villages	All Villages	Erratic supply of Electricity
9	No. of HHs with access to drinking water	All Villagers	All Villages	Contaminated with Arsenic
10	Access to Agro Industries (Yes/No)	Yes	In few villages	Unorganized

Details of CPR of the project Area

Kachaura, IWMP-IV			District-	Hathras (Mahamaya Nagar)		
S. No.	VILLAGE NAME	Type of CPR	Area	Under the possession of	Existing use*	Existing condition**
1	Kachaura	Vegetative cover /Ponds/Pasture	0.03	Gram Panchayat	fuel wood, fodder	no management
2	Kachaura	Vegetative cover /Ponds/Pasture	0.20	Gram Panchayat	fuel wood, fodder	no management
3	Kachaura	Vegetative cover /Ponds/Pasture	0.27	Gram Panchayat	fuel wood, fodder	no management
4	Kachaura	Vegetative cover /Ponds/Pasture	0.13	Gram Panchayat	fuel wood, fodder	no management
5	Kachaura	Vegetative cover /Ponds/Pasture	0.41	Gram Panchayat	fuel wood, fodder	no management
6	Kachaura	Vegetative cover /Ponds/Pasture	0.06	Gram Panchayat	fuel wood, fodder	no management
7	Kachaura	Vegetative cover /Ponds/Pasture	0.17	Gram Panchayat	fuel wood, fodder	no management
8	Kachaura	Vegetative cover /Ponds/Pasture	0.35	Gram Panchayat	fuel wood, fodder	no management
9	Kachaura	Vegetative cover /Ponds/Pasture	0.00	Gram Panchayat	fuel wood, fodder	no management
10	Kachaura	Vegetative cover /Ponds/Pasture	0.12	Gram Panchayat	fuel wood, fodder	no management
11	Kachaura	Vegetative cover /Ponds/Pasture	0.10	Gram Panchayat	fuel wood, fodder	no management
13	Agsauli	Vegetative cover /Ponds/Pasture	0.35	Gram Panchayat	fuel wood, fodder	no management
14	Agsauli	Vegetative cover /Ponds/Pasture	0.74	Gram Panchayat	fuel wood, fodder	no management
15	Kachaura	Vegetative cover /Ponds/Pasture	0.11	Gram Panchayat	fuel wood, fodder	no management
16	Kachaura	Vegetative cover /Ponds/Pasture	0.30	Gram Panchayat	fuel wood, fodder	no management
17	Kachaura	Vegetative cover /Ponds/Pasture	0.30	Gram Panchayat	fuel wood, fodder	no management
18	Kachaura	Vegetative cover /Ponds/Pasture	0.14	Gram Panchayat	fuel wood, fodder	no management
19	Kachaura	Vegetative cover /Ponds/Pasture	0.30	Gram Panchayat	fuel wood, fodder	no management
20	Kachaura	Vegetative cover /Ponds/Pasture	0.64	Gram Panchayat	fuel wood, fodder	no management
21	Kachaura	Vegetative cover /Ponds/Pasture	0.10	Gram Panchayat	fuel wood, fodder	no management
22	Kachaura	Vegetative cover /Ponds/Pasture	0.05	Gram Panchayat	fuel wood, fodder	no management
23	Kachaura	Vegetative cover /Ponds/Pasture	0.02	Gram Panchayat	fuel wood, fodder	no management
24	Agsauli	Vegetative cover /Ponds/Pasture	0.11	Gram Panchayat	fuel wood, fodder	no management
25	Agsauli	Vegetative cover /Ponds/Pasture	0.14	Gram Panchayat	fuel wood, fodder	no management
26	Bargawan	Vegetative cover /Ponds/Pasture	0.07	Gram Panchayat	fuel wood, fodder	no management
27	Kachaura	Vegetative cover /Ponds/Pasture	0.45	Gram Panchayat	fuel wood, fodder	no management
28	Bargawan	Vegetative cover /Ponds/Pasture	0.08	Gram Panchayat	fuel wood, fodder	no management
29	Agsauli	Vegetative cover /Ponds/Pasture	0.23	Gram Panchayat	fuel wood, fodder	no management
30	Agsauli	Vegetative cover /Ponds/Pasture	0.17	Gram Panchayat	fuel wood, fodder	no management
31	Kachaura	Vegetative cover /Ponds/Pasture	0.48	Gram Panchayat	fuel wood, fodder	no management

Details of CPR of the project Area

Kachaura, IWMP-IV			District-	Hathras (Mahamaya Nagar)		
S. No.	VILLAGE NAME	Type of CPR	Area	Under the possession of	Existing use*	Existing condition**
32	Agsauli	Vegetative cover /Ponds/Pasture	0.19	Gram Panchayat	fuel wood, fodder	no management
34	Nauratha Isapur	Vegetative cover /Ponds/Pasture	0.33	Gram Panchayat	fuel wood, fodder	no management
35	Nauratha Isapur	Vegetative cover /Ponds/Pasture	0.13	Gram Panchayat	fuel wood, fodder	no management
36	Nauratha Isapur	Vegetative cover /Ponds/Pasture	6.05	Gram Panchayat	fuel wood, fodder	no management
37	Agsauli	Vegetative cover /Ponds/Pasture	0.23	Gram Panchayat	fuel wood, fodder	no management
38	Agsauli	Vegetative cover /Ponds/Pasture	0.11	Gram Panchayat	fuel wood, fodder	no management
39	Agsauli	Vegetative cover /Ponds/Pasture	0.18	Gram Panchayat	fuel wood, fodder	no management
40	Agsauli	Vegetative cover /Ponds/Pasture	0.27	Gram Panchayat	fuel wood, fodder	no management
41	Agsauli	Vegetative cover /Ponds/Pasture	0.19	Gram Panchayat	fuel wood, fodder	no management
42	Agsauli	Vegetative cover /Ponds/Pasture	0.22	Gram Panchayat	fuel wood, fodder	no management
43	Nauratha Isapur	Vegetative cover /Ponds/Pasture	0.98	Gram Panchayat	fuel wood, fodder	no management
44	Bartar Khas	Vegetative cover /Ponds/Pasture	0.09	Gram Panchayat	fuel wood, fodder	no management
46	Bartar Khas	Vegetative cover /Ponds/Pasture	0.27	Gram Panchayat	fuel wood, fodder	no management
47	Bartar Khas	Vegetative cover /Ponds/Pasture	0.08	Gram Panchayat	fuel wood, fodder	no management
48	Bartar Khas	Vegetative cover /Ponds/Pasture	0.07	Gram Panchayat	fuel wood, fodder	no management
49	Arnia Talesra	Vegetative cover /Ponds/Pasture	0.56	Gram Panchayat	fuel wood, fodder	no management
50	Nauratha Isapur	Vegetative cover /Ponds/Pasture	0.13	Gram Panchayat	fuel wood, fodder	no management
51	Bartar Khas	Vegetative cover /Ponds/Pasture	1.00	Gram Panchayat	fuel wood, fodder	no management
52	Bartar Khas	Vegetative cover /Ponds/Pasture	0.53	Gram Panchayat	fuel wood, fodder	no management
53	Bartar Khas	Vegetative cover /Ponds/Pasture	0.74	Gram Panchayat	fuel wood, fodder	no management
54	Bartar Khas	Vegetative cover /Ponds/Pasture	0.13	Gram Panchayat	fuel wood, fodder	no management
55	Bartar Khas	Vegetative cover /Ponds/Pasture	0.17	Gram Panchayat	fuel wood, fodder	no management
57	Tikari Kalan	Vegetative cover /Ponds/Pasture	0.19	Gram Panchayat	fuel wood, fodder	no management
58	Rampur Nagla Chatol	Vegetative cover /Ponds/Pasture	0.07	Gram Panchayat	fuel wood, fodder	no management
59	Ainchola Sahadatpur	Vegetative cover /Ponds/Pasture	0.49	Gram Panchayat	fuel wood, fodder	no management
60	Ainchola Sahadatpur	Vegetative cover /Ponds/Pasture	0.14	Gram Panchayat	fuel wood, fodder	no management
61	Bartar Khas	Vegetative cover /Ponds/Pasture	0.15	Gram Panchayat	fuel wood, fodder	no management
62	Bartar Khas	Vegetative cover /Ponds/Pasture	0.13	Gram Panchayat	fuel wood, fodder	no management
63	Bartar Khas	Vegetative cover /Ponds/Pasture	0.34	Gram Panchayat	fuel wood, fodder	no management
64	Bartar Khas	Vegetative cover /Ponds/Pasture	0.42	Gram Panchayat	fuel wood, fodder	no management

Details of CPR of the project Area

Kachaura, IWMP-IV			District-	Hathras (Mahamaya Nagar)		
S. No.	VILLAGE NAME	Type of CPR	Area	Under the possession of	Existing use*	Existing condition**
65	Bartar Khas	Vegetative cover /Ponds/Pasture	0.35	Gram Panchayat	fuel wood, fodder	no management
66	Bartar Khas	Vegetative cover /Ponds/Pasture	0.14	Gram Panchayat	fuel wood, fodder	no management
67	Bartar Khas	Vegetative cover /Ponds/Pasture	2.69	Gram Panchayat	fuel wood, fodder	no management
68	Bartar Khas	Vegetative cover /Ponds/Pasture	1.00	Gram Panchayat	fuel wood, fodder	no management
69	Rampur Nagla Chatol	Vegetative cover /Ponds/Pasture	0.22	Gram Panchayat	fuel wood, fodder	no management
70	Rampur Nagla Chatol	Vegetative cover /Ponds/Pasture	0.18	Gram Panchayat	fuel wood, fodder	no management
71	Bartar Khas	Vegetative cover /Ponds/Pasture	0.64	Gram Panchayat	fuel wood, fodder	no management
72	Bartar Khas	Vegetative cover /Ponds/Pasture	0.23	Gram Panchayat	fuel wood, fodder	no management
73	Bartar Khas	Vegetative cover /Ponds/Pasture	1.04	Gram Panchayat	fuel wood, fodder	no management
74	Sanjarpur,Ainchola Sahadatpur	Vegetative cover /Ponds/Pasture	0.55	Gram Panchayat	fuel wood, fodder	no management
75	Bartar Khas	Vegetative cover /Ponds/Pasture	1.30	Gram Panchayat	fuel wood, fodder	no management
76	Ainchola Sahadatpur	Vegetative cover /Ponds/Pasture	0.13	Gram Panchayat	fuel wood, fodder	no management
77	Rampur Nagla Chatol	Vegetative cover /Ponds/Pasture	0.18	Gram Panchayat	fuel wood, fodder	no management
78	Rampur Nagla Chatol	Vegetative cover /Ponds/Pasture	0.03	Gram Panchayat	fuel wood, fodder	no management
80	Ganthari Shahpur	Vegetative cover /Ponds/Pasture	0.08	Gram Panchayat	fuel wood, fodder	no management
82	Agsauli	Vegetative cover /Ponds/Pasture	1.64	Gram Panchayat	fuel wood, fodder	no management
83	Agsauli	Vegetative cover /Ponds/Pasture	0.12	Gram Panchayat	fuel wood, fodder	no management
84	Agsauli	Vegetative cover /Ponds/Pasture	0.09	Gram Panchayat	fuel wood, fodder	no management
85	Ganthari Shahpur	Vegetative cover /Ponds/Pasture	0.21	Gram Panchayat	fuel wood, fodder	no management
86	Agsauli	Vegetative cover /Ponds/Pasture	0.35	Gram Panchayat	fuel wood, fodder	no management
87	Ganthari Shahpur	Vegetative cover /Ponds/Pasture	0.19	Gram Panchayat	fuel wood, fodder	no management
88	Ganthari Shahpur	Vegetative cover /Ponds/Pasture	0.94	Gram Panchayat	fuel wood, fodder	no management
89	Ganthari Shahpur	Vegetative cover /Ponds/Pasture	0.16	Gram Panchayat	fuel wood, fodder	no management
90	Ganthari Shahpur	Vegetative cover /Ponds/Pasture	0.33	Gram Panchayat	fuel wood, fodder	no management
91	Anandpur	Vegetative cover /Ponds/Pasture	0.28	Gram Panchayat	fuel wood, fodder	no management
92	Anandpur	Vegetative cover /Ponds/Pasture	0.29	Gram Panchayat	fuel wood, fodder	no management
93	Anandpur	Vegetative cover /Ponds/Pasture	0.11	Gram Panchayat	fuel wood, fodder	no management
94	Ganthari Shahpur	Vegetative cover /Ponds/Pasture	0.86	Gram Panchayat	fuel wood, fodder	no management
95	Agsauli	Vegetative cover /Ponds/Pasture	0.71	Gram Panchayat	fuel wood, fodder	no management

Details of CPR of the project Area

Kachaura, IWMP-IV			District-	Hathras (Mahamaya Nagar)		
S. No.	VILLAGE NAME	Type of CPR	Area	Under the possession of	Existing use*	Existing condition**
97	Agsauli	Vegetative cover /Ponds/Pasture	0.41	Gram Panchayat	fuel wood, fodder	no management
98	Agsauli	Vegetative cover /Ponds/Pasture	0.33	Gram Panchayat	fuel wood, fodder	no management
99	Agsauli	Vegetative cover /Ponds/Pasture	0.10	Gram Panchayat	fuel wood, fodder	no management
100	Bartar Khas	Vegetative cover /Ponds/Pasture	0.79	Gram Panchayat	fuel wood, fodder	no management
101	Agsauli	Vegetative cover /Ponds/Pasture	0.06	Gram Panchayat	fuel wood, fodder	no management
102	Agsauli	Vegetative cover /Ponds/Pasture	0.31	Gram Panchayat	fuel wood, fodder	no management
103	Agsauli	Vegetative cover /Ponds/Pasture	0.09	Gram Panchayat	fuel wood, fodder	no management
104	Agsauli	Vegetative cover /Ponds/Pasture	0.08	Gram Panchayat	fuel wood, fodder	no management
105	Agsauli	Vegetative cover /Ponds/Pasture	0.64	Gram Panchayat	fuel wood, fodder	no management
106	Agsauli	Vegetative cover /Ponds/Pasture	0.57	Gram Panchayat	fuel wood, fodder	no management
107	Agsauli	Vegetative cover /Ponds/Pasture	0.05	Gram Panchayat	fuel wood, fodder	no management
108	Agsauli	Vegetative cover /Ponds/Pasture	0.16	Gram Panchayat	fuel wood, fodder	no management
109	Agsauli	Vegetative cover /Ponds/Pasture	0.14	Gram Panchayat	fuel wood, fodder	no management
110	Agsauli	Vegetative cover /Ponds/Pasture	0.05	Gram Panchayat	fuel wood, fodder	no management
			40.02			

Fuel & Cooking Pattern in the Project Area					
		Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)
S.No.	WC	Cooking gas (% of families)	Fire wood (% of families)	Cow dung cake (% of families)	Kerosene (% of families)
1	Agsauli	5.00%	54.00%	36.00%	5.00%
2	Bargawan	6.00%	55.00%	33.00%	6.00%
3	Bartar Khas	7.00%	56.00%	33.00%	4.00%
4	Birawar	5.00%	54.00%	36.00%	5.00%
5	Ganthari Shahpur	6.00%	55.00%	36.00%	3.00%
6	Kachaura	5.00%	57.00%	33.00%	5.00%
7	Nauratha Isapur	6.00%	56.00%	35.00%	3.00%
8	Rampur Nagla Chatol	6.00%	56.00%	35.00%	3.00%
9	Tikari Kalan	8.00%	59.00%	28.00%	5.00%

Village Wise Details of Plantation, Afforestation, Horticulture and Fuel & Fodder under Project				
Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)	
Village	Plantation	Afforestation	Horticulture	Fuel & Fodder
Agsauli	73.97	41.42	25.91	6.64
Ainchola Sahadatpur	0.00	0.00	0.00	0.00
Anandpur	24.72	13.72	8.90	2.09
Arnia Talesra	0.00	0.00	0.00	0.00
Bargawan	2.30	1.26	0.83	0.20
Bartar Khas	19.06	10.42	6.65	1.98
Birawar	23.39	12.74	8.18	2.47
Ganthari Shahpur	72.09	39.09	25.25	7.75
Kachaura	36.61	19.76	12.85	4.00
Mahmoodpur	1.91	1.07	0.67	0.17
Nauratha Isapur	3.95	2.19	1.39	0.37
Nawali Lalpur	0.00	0.00	0.00	0.00
Pachon	0.00	0.00	0.00	0.00
Pipal Gawan	0.58	0.32	0.21	0.06
Rampur Nagla Chatol	3.51	1.92	1.25	0.34
Sanjarpur	0.00	0.00	0.00	0.00
Tatidanda	0.00	0.00	0.00	0.00
Tikari Kalan	0.00	0.00	0.00	0.00
Total	262.08	143.92	92.08	26.08

Details of existing Farm Machinery/Ag. Equipment under the Project Area											
			Kachaura, IWMP-IV District- Hathras (Mahamaya Nagar)								
S. No.	WC	Treatable Area	Number of farm machinery/Ag. equipments								
			Tractor	PUMP Set	Plough	Harrow	Cultivator	Sprayer	Rotavator	Chaff Cutter	Thresher
1	Agsauli	1131	45	15	15	15	19	11	17	15	14
2	Bargawan	92	4	1	1	1	0	1	0	1	1
3	Bartar Khas	543	22	7	7	7	0	5	0	7	7
4	Birawar	202	8	2	2	2	0	2	0	2	3
5	Ganthari Shahpur	258	10	3	3	3	0	2	0	3	3
6	Kachaura	797	32	10	10	10	0	8	0	10	10
7	Nauratha Isapur	397	16	5	5	5	0	4	0	5	5
8	Rampur Nagla Chatol	159	6	2	2	2	0	1	0	2	2
9	Tikari Kalan	56	2	0	0	0	0	0	0	0	1
Total		3635	145	45	45	45	19	34	17	45	46

Status of Existing Source of Irrigation by ha under Area of			Kachaura, IWMP-IV		District-		Hathras (Mahamaya Nagar)			
S. No.	MWS Code	Name of MWS	Source of Irrigation							Total Irrigated Area in ha
			Canal	Pond		Tubewell (8ha/no)		Borewell (3 ha/no)		
			ha	No.	Area in ha	No.	Area in ha	No.	Area in ha	
1	2B3D5e1a	Kachaura	3.988	11	3.850	1	8.000	10	29.129	44.968
2	2B3D5e1b	Kachaura	9.041	20	7.000	4	32.000	32	97.228	145.270
3	2B3D5e1c	Nauratha Isapur	2.019	11	3.850	2	16.000	14	42.642	64.511
4	2B3D5e1d	Bartar Khas	0.000	10	3.500	1	8.000	5	14.366	25.866
5	2B3D5e1e	Bartar Khas	0.000	22	7.700	1	8.000	2	4.747	20.447
6	2B3D5e2a	Kachaura	1.412	1	0.350	0	0.000	1	2.272	4.034
7	2B3D5e2c	Ganthari Shahpur	9.666	14	4.900	1	8.000	8	24.716	47.281
8	2B3D5e2d	Agsauli	4.985	14	4.900	3	24.000	21	62.784	96.670
Total			31.112	103	36.050	13	104.000	93	277.884	449.046

Village Wise Human Population of the Project Area of										Kachaura, IWMP-IV			District-			athras (Mahamaya Naga									
S. No	Village	Gram Panchayat	Total HH	Total Poulation			0-6 Population			SC Population			ST Population			Total Literate			Total Illiterate			BPL HH		Assetless HH	
				T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F				
1	Agsauli	Agsauli	1766	10338	5495	4843	1715	919	796	1440	759	681	1	1	0	5735	3613	2122	4603	1882	2721	377	21.35	164	9.29
2	Ainchola Sahadatpur	Ainchola Sahadatpur	188	1147	606	541	202	103	99	322	164	158	0	0	0	670	416	254	477	190	287	55	29.26	32	17.02
3	Anandpur	Birawar	20	99	52	47	12	6	6	0	0	0	0	0	0	18	13	5	81	39	42	0	0.00	0	0.00
4	Arnia Talesra	Arnia Talesra	184	1100	602	498	201	117	84	161	79	82	0	0	0	537	368	169	563	234	329	38	20.65	18	9.78
5	Bargawan	Bargawan	642	3730	2045	1685	568	309	259	777	422	355	0	0	0	2094	1369	725	1636	676	960	142	22.12	83	12.93
6	Bartar Khas	Bartar Khas	477	2927	1563	1364	521	277	244	276	138	138	0	0	0	1506	971	535	1421	592	829	97	20.34	33	6.92
7	Birawar	Birawar	202	1083	558	525	223	115	108	879	449	430	0	0	0	504	323	181	579	235	344	166	82.18	91	45.05
8	Ganthari Shahpur	Ganthari Shahpur	538	3179	1663	1516	509	279	230	586	313	273	0	0	0	1798	1113	685	1381	550	831	132	24.54	63	11.71
9	Kachaura	Jamuai	1659	10259	5437	4822	1732	954	778	2054	1090	964	0	0	0	5850	3586	2264	4409	1851	2558	353	21.28	208	12.54
10	Mahmoodpur	Mahmoodpur	201	1106	594	512	176	95	81	397	218	179	0	0	0	663	415	248	443	179	264	75	37.31	42	20.90
11	Nauratha Isapur	Nauratha Isapur	574	3188	1734	1454	518	261	257	843	457	386	0	0	0	1767	1168	599	1421	566	855	159	27.70	91	15.85
12	Nawali Lalpur	Nawali Lalpur	373	2342	1244	1098	398	212	186	37	15	22	0	0	0	1414	870	544	928	374	554	0	0.00	10	2.68
13	Pachon	Pachon	750	4460	2383	2077	656	337	319	998	531	467	0	0	0	2694	1697	997	1766	686	1080	177	23.60	103	13.73
14	Pipal Gawan	Pipal Gawan	1644	9667	5103	4564	1585	850	735	1067	552	515	0	0	0	5690	3472	2218	3977	1631	2346	316	19.22	127	7.73
15	Rampur Nagla Chatol	Rampur Nagla Chatol	173	1040	557	483	191	110	81	242	128	114	0	0	0	579	367	212	461	190	271	42	24.28	25	14.45
16	Sanjarpur	Ainchola Sahadatpur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0	0.00
17	Tatidandia	Tatidandia	299	1775	921	854	324	181	143	123	69	54	0	0	0	965	604	361	810	317	493	57	19.06	17	5.69
18	Tikari Kalan	Tikari Kalan	770	4548	2446	2102	732	384	348	1194	635	559	0	0	0	2476	1577	899	2072	869	1203	212	27.53	122	15.84
Total:			10460	61988	33003	28985	10263	5509	4754	11396	6019	5377	1	1	0	34960	21942	13018	27028	11061	15967	2398	22.93	1229	11.75

Village Wise Farmer's Category of the Project Area of				Kachaura, IWMP-IV District- athras (Mahamaya Naga)							
S. No.	NAME Village	Name of Gram Panchayat	Total No. of HH	Details of Farmers HH				Assetless		BPL	
				Marginal Farmers	Small Farmers	Large Farmers	Total Farmers	No. of HH	%	No. of HH	%
1	Agsauli	Agsauli	1766	1237	231	134	1602	164	9.29	377	21.35
2	Ainchola Sahadatpur	Ainchola Sahadatpur	188	118	28	10	156	32	17.02	55	29.26
3	Anandpur	Birawar	20	15	3	2	20	0	0.00	0	0.00
4	Arnia Talesra	Arnia Talesra	184	130	26	10	166	18	9.78	38	20.65
5	Bargawan	Bargawan	642	437	93	29	559	83	12.93	142	22.12
6	Bartar Khas	Bartar Khas	477	345	69	30	444	33	6.92	97	20.34
7	Birawar	Birawar	202	85	19	7	111	91	45.05	166	82.18
8	Ganthari Shahpur	Ganthari Shahpur	538	369	83	23	475	63	11.71	132	24.54
9	Kachaura	Kachaura	1659	1095	283	73	1451	208	12.54	353	21.28
10	Mahmoodpur	Mahmoodpur	201	123	23	13	159	42	20.90	75	37.31
11	Nauratha Isapur	Nauratha Isapur	574	365	86	32	483	91	15.85	159	27.70
12	Nawali Lalpur	Nawali Lalpur	373	280	56	27	363	10	2.68	0	0.00
13	Pachon	Pachon	750	508	103	36	647	103	13.73	177	23.60
14	Pipal Gawan	Pipal Gawan	1644	1186	251	80	1517	127	7.73	316	19.22
15	Rampur Nagla Chatol	Rampur Nagla Chatol	173	115	23	10	148	25	14.45	42	24.28
16	Sanjarpur	Ainchola Sahadatpur	0	0	0	0	0	0	0.00	0	0.00
17	Tatidandia	Tatidandia	299	219	49	14	282	17	5.69	57	19.06
18	Tikari Kalan	Tikari Kalan	770	489	126	33	648	122	15.84	212	27.53
Total			10460	7116	1552	563	9231	1229	11.75	2398	22.93

Village-wise Livelihood Status of Assetless People in the Project Area of					Kachaura, IWMP-IV		District- athras (Mahamaya Naga							
S. No.	Name of Village	Name of GP	Number of Assetless	Name of Livelihood Activities	No. of Household Engaged				Pre Project Average Income/Year	Desired Activities	Expected Income from Desired Activities Rs./Year	Total Income Pre Project in Rs.	Total Income Post Project in Rs.	Remarks
					SC	Others	Total	Women						
1	Agsauli	Agsauli	164	Agriculture/Casual Labour, Cattle Rearing, Goat Farming, Poultry	56	108	164	101	17500	Agriculture/Casual Labour, Cattle Rearing, Goat Farming, Poultry, Candle, Vermi Compost, Mini Village Shops, Sewing Machine, Food Preservation	23625	2870000	3874500	
2	Ainchola Sahadatpur	Ainchola Sahadatpur	32		11	21	32	19	18000		24300	576000	777600	
3	Anandpur	Birawar	0		0	0	0	0	-		-	-	-	
4	Arnia Talesra	Arnia Talesra	18		6	12	18	11	16500		22275	297000	400950	
5	Bargawan	Bargawan	83		28	55	83	51	17500		23625	1452500	1960875	
6	Bartar Khas	Bartar Khas	33		11	22	33	20	16500		22275	544500	735075	
7	Birawar	Birawar	91		31	60	91	56	16500		22275	1501500	2027025	
8	Ganthari Shahpur	Ganthari Shahpur	63		21	42	63	39	17500		23625	1102500	1488375	
9	Kachaura	Kachaura	208		72	136	208	128	18000		24300	3744000	5054400	
10	Mahmoodpur	Mahmoodpur	42		14	28	42	26	17500		23625	735000	992250	
11	Nauratha Isapur	Nauratha Isapur	91		31	60	91	56	18000		24300	1638000	2211300	
12	Nawali Lalpur	Nawali Lalpur	10		3	7	10	6	16500		22275	165000	222750	
13	Pachon	Pachon	103		35	68	103	63	18000		24300	1854000	2502900	
14	Pipal Gawan	Pipal Gawan	127		44	83	127	78	18000		24300	2286000	3086100	
15	Rampur Nagla Chato	Rampur Nagla Chatol	25		8	17	25	15	17500		23625	437500	590625	
16	Sanjarpur	Ainchola Sahadatpur	0		0	0	0	0	-		-	-	-	
17	Tatidandia	Tatidandia	17		5	12	17	10	16500		22275	280500	378675	
18	Tikari Kalan	Tikari Kalan	122		42	80	122	75	16500		22275	2013000	2717550	
Total			1229		418	811	1229	754			21497000	29020950		
Pre Project Average Income/HH/Annum			17500											
Post Project Average Income			23600											

Net Increase in Income 7523950

Village-wise Livelihood Status of Farmers People in the Project Area of Kachaura, IWMP-IV District- Jharsuguda (Mahamaya Nagar)														
S. No.	Name of Village	Name of GP	Number of Farmers	Name of Livelihood Activities	No. of Household Engaged				Pre Project Average Income/Year	Desired Activities	Expected Av. Income from Desired Activities Rs./Year	Total Income Pre Project	Total Income Post Project	Remarks
					SC/ST	Others	Total	Women						
1	Agsauli	Agsauli	1602	Agriculture, Labour, Cattle Rearing, Goatary	269	1333	1602	104	23500	Agriculture, Labour, Cattle Rearing, Goatary, Poltry, Horticulture, Micro-enterprises	32195	37647000	51576390	
2	Ainchola Sahada	Ainchola Sahadat	156		26	130	156	10	20500		28085	3198000	4381260	
3	Anandpur	Birawar	20		3	17	20	1	20500		28085	410000	561700	
4	Arnia Talesra	Arnia Talesra	166		27	139	166	10	21500		29455	3569000	4889530	
5	Bargawan	Bargawan	559		93	466	559	36	21000		28770	11739000	16082430	
6	Bartar Khas	Bartar Khas	444		74	370	444	29	23000		31510	10212000	13990440	
7	Birawar	Birawar	111		18	93	111	7	21500		29455	2386500	3269505	
8	Ganthari Shahpu	Ganthari Shahpu	475		79	396	475	31	21500		29455	10212500	13991125	
9	Kachaura	Kachaura	1451		243	1208	1451	95	21500		29455	31196500	42739205	
10	Mahmoodpur	Mahmoodpur	159		26	133	159	10	23500		32195	3736500	5119005	
11	Nauratha Isapur	Nauratha Isapur	483		81	402	483	31	21500		29455	10384500	14226765	
12	Nawali Lalpur	Nawali Lalpur	363		60	303	363	23	22500		30825	8167500	11189475	
13	Pachon	Pachon	647		108	539	647	42	22500		30825	14557500	19943775	
14	Pipal Gawan	Pipal Gawan	1517		254	1263	1517	99	24000		32880	36408000	49878960	
15	Rampur Nagla C	Rampur Nagla Ch	148		24	124	148	9	23500		32195	3478000	4764860	
16	Sanjarpur	Ainchola Sahadat	0		0	0	0	0	-		-	-	-	
17	Tatidandia	Tatidandia	282		47	235	282	18	23500		32195	6627000	9078990	
18	Tikari Kalan	Tikari Kalan	648		108	540	648	42	20500		28085	13284000	18199080	
Total			9231		1540	7691	9231	597			207213500	283882495		
Pre Project Average Income/HH/Annum			22400											
Post Project Average Income			30800											
				Net Increase in Income	76668995									

Details of Livelihood Pattern of the project Area of				Kachaura, IWMP-IV		District- Hathras (Mahamaya Nagar)			
Sr. No.	Name of village	Total Workforce Available	Agriculture	Animal Husbandary	Agriculture & Animal Husbandary	Non Farm Wages	Self Emplotted /Business	Service	Others
1	Agsauli	3544	1243	420	779	637	210	30	225
2	Ainchola Sahadatpur	402	141	48	88	72	24	3	26
3	Anandpur	45	15	5	9	7	2	0	7
4	Arnia Talesra	324	113	38	71	58	19	2	23
5	Bargawan	1242	436	149	274	224	74	12	73
6	Bartar Khas	894	313	106	197	160	52	7	59
7	Birawar	493	173	59	108	88	29	4	32
8	Ganthari Shahpur	1119	394	135	247	202	67	11	63
9	Kachaura	3095	1089	373	686	557	184	29	177
10	Mahmoodpur	554	195	66	122	100	32	5	34
11	Nauratha Isapur	1123	396	132	247	203	66	11	68
12	Nawali Lalpur	504	177	60	111	91	29	4	32
13	Pachon	1380	485	165	302	249	80	10	89
14	Pipal Gawan	2757	966	329	600	494	164	23	181
15	Rampur Nagla Chatol	255	89	30	55	46	15	1	19
16	Sanjarpur	0	0	0	0	0	0	0	0
17	Tatidandia	609	213	73	134	110	36	5	38
18	Tikari Kalan	1161	408	138	255	209	69	10	72
Total		#REF!	6846	2326	4285	3507	1152	167	1218

Details Of Projected Productivity of Livestock Population in Post Project Period of											Kachaura, IWMP-IV		District-		Hathras (Mahamaya Nagar)					
S. No.	Name of Village	Name of Gram Panchayat	Cow				Buffalo				Ox/ Bull	Goat		Pig		Poultry				Other
			Desi		Crossed		Desi		Murrah			Nos.	Kg.	Nos.	Kg.	Broiler		Layers		
			Nos.	Ltr.	Nos.	Ltr.	Nos.	Ltr.	Nos.	Ltr.						Nos.	Kg.	Nos.	Kg.	
1	Agsauli	Agsauli	391	1.2	69	2.25	593	2.5	33	3.5	49	250	8-10	86	12-15	158	1-1.5	50	120	
2	Ainchola Sahadatpur	Ainchola Sahadatpur	46	1.2	10	2.25	66	2.5	8	3.5	7	32	8-10	19	12-15	21	1-1.5	8	120	
3	Anandpur	Birawar	9	1.2	3	2.25	10	2.5	6	3.5	3	9	8-10	0	0	6	1-1.5	4	120	
4	Arnia Talesra	Arnia Talesra	45	1.2	9	2.25	65	2.5	8	3.5	7	32	8-10	10	12-15	21	1-1.5	8	120	
5	Bargawan	Bargawan	145	1.2	27	2.25	218	2.5	16	3.5	19	95	8-10	47	12-15	60	1-1.5	20	120	
6	Bartar Khas	Bartar Khas	109	1.2	20	2.25	163	2.5	13	3.5	15	72	8-10	17	12-15	46	1-1.5	16	120	
7	Birawar	Birawar	49	1.2	10	2.25	71	2.5	9	3.5	8	34	8-10	53	12-15	22	1-1.5	9	120	
8	Ganthari Shahpur	Ganthari Shahpur	122	1.2	23	2.25	183	2.5	14	3.5	17	81	8-10	35	12-15	51	1-1.5	18	120	
9	Kachaura	Kachaura	367	1.2	65	2.25	557	2.5	32	3.5	46	236	8-10	123	12-15	149	1-1.5	47	120	
10	Mahmoodpur	Mahmoodpur	48	1.2	10	2.25	71	2.5	9	3.5	8	34	8-10	24	12-15	22	1-1.5	9	120	
11	Nauratha Isapur	Nauratha Isapur	130	1.2	24	2.25	195	2.5	15	3.5	18	86	8-10	51	12-15	54	1-1.5	19	120	
12	Nawali Lalpur	Nawali Lalpur	86	1.2	16	2.25	128	2.5	11	3.5	12	58	8-10	0	0	37	1-1.5	13	120	
13	Pachon	Pachon	169	1.2	31	2.25	254	2.5	17	3.5	22	110	8-10	60	12-15	70	1-1.5	23	120	
14	Pipal Gawan	Pipal Gawan	364	1.2	64	2.25	552	2.5	31	3.5	46	234	8-10	64	12-15	148	1-1.5	47	120	
15	Rampur Nagla Chatol	Rampur Nagla Chatol	42	1.2	9	2.25	61	2.5	8	3.5	7	30	8-10	15	12-15	20	1-1.5	8	120	
16	Sanjarpur	Ainchola Sahadatpur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	Tatidandia	Tatidandia	70	1.2	14	2.25	103	2.5	10	3.5	10	48	8-10	7	12-15	31	1-1.5	11	120	
18	Tikari Kalan	Tikari Kalan	173	1.2	31	2.25	260	2.5	18	3.5	23	113	8-10	72	12-15	71	1-1.5	24	120	
Total			2365	1.2	435	2.25	3550	2.25	258	3.35	317	1554	9	683	13.5	987	1.25	334	120	

Details Of Projected Productivity of Livestock Population in Post Project Period of											Kachaura, IWMP-IV		District-		Hathras (Mahamaya Nagar)						
S. No.	Name of Village	Name of Gram Panchayat	Cow				Buffalo				Ox/ Bull	Goat		Pig		Poultry				Other	
			Desi		Crossed		Desi		Murrah			Nos.	Kg.	Nos.	Kg.	Broiler		Layers			
			Nos.	Ltr.	Nos.	Ltr.	Nos.	Ltr.	Nos.	Ltr.						Nos.	Kg.	Nos.	Kg.		Nos.
1	Agsauli	Agsauli	549	1.5	102	3	832	3	50	4	70	1050	11-13	192	15-18	843	1-1.5	255	180		
2	Ainchola Sahadatpur	Ainchola Sahadatpur	66	1.5	16	3	94	3	13	4	11	132	11-13	42	15-18	111	1-1.5	39	180		
3	Anandpur	Birawar	14	1.5	6	3	16	3	10	4	6	36	11-13	0	0	30	1-1.5	18	180		
4	Arnia Talesra	Arnia Talesra	65	1.5	15	3	93	3	13	4	11	132	11-13	21	15-18	111	1-1.5	39	180		
5	Bargawan	Bargawan	205	1.5	41	3	307	3	25	4	28	399	11-13	105	15-18	318	1-1.5	102	180		
6	Bartar Khas	Bartar Khas	154	1.5	31	3	230	3	21	4	23	300	11-13	36	15-18	243	1-1.5	81	180		
7	Birawar	Birawar	70	1.5	16	3	101	3	15	4	13	141	11-13	117	15-18	117	1-1.5	45	180		
8	Ganthari Shahpur	Ganthari Shahpur	172	1.5	35	3	258	3	22	4	25	339	11-13	78	15-18	270	1-1.5	90	180		
9	Kachaura	Kachaura	515	1.5	96	3	781	3	49	4	66	990	11-13	276	15-18	795	1-1.5	237	180		
10	Mahmoodpur	Mahmoodpur	69	1.5	16	3	101	3	15	4	13	141	11-13	54	15-18	117	1-1.5	45	180		
11	Nauratha Isapur	Nauratha Isapur	184	1.5	36	3	275	3	24	4	27	360	11-13	114	15-18	288	1-1.5	96	180		
12	Nawali Lalpur	Nawali Lalpur	122	1.5	25	3	181	3	18	4	18	243	11-13	0	0	195	1-1.5	66	180		
13	Pachon	Pachon	238	1.5	46	3	357	3	27	4	32	462	11-13	135	15-18	372	1-1.5	117	180		
14	Pipal Gawan	Pipal Gawan	511	1.5	94	3	774	3	47	4	66	981	11-13	144	15-18	789	1-1.5	237	180		
15	Rampur Nagla Chatol	Rampur Nagla Chatol	60	1.5	15	3	87	3	13	4	11	126	11-13	33	15-18	105	1-1.5	39	180		
16	Sanjarpur	Ainchola Sahadatpur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	Tatidandia	Tatidandia	100	1.5	22	3	146	3	16	4	16	201	11-13	15	15-18	165	1-1.5	54	180		
18	Tikari Kalan	Tikari Kalan	244	1.5	46	3	366	3	28	4	34	474	11-13	162	15-18	378	1-1.5	120	180		
Total			3338	1.5	658	3	4999	3	406	4	470	6507	12.00	1524	16.5	5247	1.25	1680	180		

Pre and Post Income Status from Livestock under The Project Area of				Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)	
Milk in ltr. - Meat in kg. - Eggs in No. - Amount in Rs.								
Type of Animal	Pre Project Status				Post Project Status			
	Nos.	Yield	Rate	Income in Rs.	Nos.	Yield	Rate	Income in Rs.
Milch Animals								
Cow	2800	3817	22	83974	3996	6981	27	188487
Buffalo	3808	8852	22	194744	5405	16621	27	448767
Animal for Other Purpose								
Goat (Meat)	1554	13986	220	3076920	6507	78084	240	18740160
Pig (Meat)	683	9220.5	55	507127.5	1524	25146	60	1508760
Broiler (Meat)	987	1234	70	86380	5247	6559	85	557515
Eggs	334	40080	3	120240	1680	302400	4	1209600
TOTAL Income:				4069385.5				22653289
		Pre Project		Post Project		Total Human Population		102438
Total Meat Production/Year		24440.5		109789		Assuming 10% increase		10243
Total Milk Production/day		12669		23602		Population in Post project		112681
Milk Production/head/day		0.123		0.209				
Average Production Cost 70%		13008732						
Net Profit 30%		5575171		Net Increase in Income		18583903.5		

Livestock population and Requirement of fodder in Project Area of					Kachaura, IWMP-IV			District-		Hathras (Mahamaya Nagar)		
Sr. No.	Category of Livestock	Existing Nos	Average Body Weight in kg	Total Body Wt in kg	Based on Body Weight	Feed requirement per day (dry matters in kg.)(6 x 6.875)						
					DM =5*2.5/100 in kg/day	Roughae in kg/day	Straw Dry M B in kg/day	Bhusa in kg/day	GF DM Based in kg/day	Green Fodder in kg/day	Conceentr ate in kg/day	Total Fodder Requirement in Tonnes (9+11)*365/1000
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Draft Animal	317	300	95100	2378.00	1585.00	1057.00	1174.00	528.00	2112.00	793.00	1199.00
2	Buffaloes	3808	400	1523200	38080.00	25387.00	16925.00	18806.00	8462.00	33848.00	12693.00	19219.00
3	Indiginous Cow	2365	300	709500	17738.00	11825.00	7883.00	8759.00	3942.00	15768.00	5913.00	8952.00
4	Cross Breed Cows	435	350	152250	3806.00	2537.00	1691.00	1879.00	846.00	3384.00	1269.00	1921.00
5	Goat	1554	10	15540	389.00	259.00	173.00	192.00	86.00	344.00	130.00	196.00
Total :								30810.00		55456.00	20798.00	31487.00
Feed and Fodder requirement has been calculated on average body wt. of animals. Dry matter basis												

Status of Fodder Requirement, Availability and Deficit in the Project				Kachaura, IWMP-IV			District- thras (Mahamaya Nag			
Total Fodder requirement Tons/Year	Fodder Availability (Tons / Year)			Fodder Requirement (Tons / Year)			Deficit (Tons / Year)			Total Deficit (Tons / Year)
	Bbusa	Green Fodder	Concn	Bbusa	Green Fodder	Concn	Bbusa	Green Fodder	Concn	
1	2	3	4	5	6	7	8	9	10	11
31487.00	7006.00	9210.00	4289.00	11246.00	20241.00	7591.00	4240.00	11031.00	3302.00	18573.00
in % --->	62.30	45.50	56.50				37.70	54.50	43.50	

Income Projection for Assetless, Farmers and Livestock under the project for 7 years.									Amt in Rs.
S.No.	Year	% Increase	Assetless		Farmers		Livestock		Total Increase
			7523950		76668995		18583903.5		102776849
1	1	0	0		0		0		0
2	2	0	0		0		0		0
3	3	12	902874		9200279		2230068		12333221
4	4	16	1203832		12267039		2973425		16444296
5	5	20	1504790		15333799		3716781		20555370
6	6	24	1805748		18400559		4460137		24666444
7	7	28	2106706		21467319		5203493		28777518
	Total	100	7523950		76668995		18583904		102776849

Problem Thrust Area of Livestock Production in the Project Area (Kachaura, IWMP-IV	District-	Hathras (Mahamaya Nagar)
S.No.	Problem Thrust Area	Proposed Intervention			
1	Local and indigenous breeds.	Breed improvement through Artificial Insemination (AI) and Natural Process (Buck/Bull).			
2	Lack of improved breed in animals.	Improvement/Replacement of existing breed of animals.			
3	Low Productivity of animals	Improvement of animal health through vaccination & deworming			
4	Poor Facilities of Animal Health and Care (vaccination, de-worming and feeding)	Awareness about animal vaccination, Mineral mixture and green fodder.			
5	Problems of infertility and balanced nutrition in dairy cattle and buffaloes.	Promote practice of balance ration for cattle and buffaloes			
6	No use of supplementary feeds	Introduction of improved breed of goats & control of internal parasite(Buck)			
7	Improper feeding practices	Promoting dairy, goatary and poultry as main enterprise for the resource rich farmers			
8	Low production of Milk & Meat	Formation and conduction of self help groups for socio-economic up-liftment.			
9	Inadequate availability of Dry/GreenFodder	Distribution of Fodder Seed Kits			
		Provide Chaff Cutter			

S.No.	Details of PIA	
(1)	Date of PIA selection	25.02.2009
(2)	Nature of PIA	Government
(3)	Name of PIA	Bhumi Sanrkshan Adhikari, I & WR
(4)	Designation and Address	BSA, Sinchai Evam Jal Sansadhan Vibhag, District-Hathras
(5)	Telephone No.	05722-276750
(6)	Fax No.	-
(7)	e-mail	bsaldwrhts513@gmail.com

Details of PIA's Staff, District- Hathras (Mahamaya Nagar)

Sr. No.	Name	Qualification	Experience (Yrs.)	Designation	Contact NO. & e-mail	Date of Joining
1	Mr. S. P. Sarswat	Intermediate, Diploma in Ag. Eng	37	B.S.A.		-
2	Mr. Anuj Kumar	Intermediate, Diploma in Ag. Eng	1	J. E.	9675658822	-
3	Mr. Ravindra Prasad Gautam	B. A., Diploma	37	Draftsman	7078992301	-
4	Mr. Dharamveer Prajapati	Intermediate, Diploma in Ag. Eng	6	Jr. Clerk	9044582298	-
5	Mr. Mahesh Chandra Sharma	Intermediate, Diploma in Ag.	38	A.S.C.I.	9410272463	-
6	Mr. Ashish kumar Verma	B.Sc. (Ag.)	6	A.S.C.I.	9450666700	-
7	Mr. Karan Singh	B.Sc. (Ag.)	6	A.S.C.I.	9917654784	-
8	Mr. Anuj Kumar	B.Sc. (Ag.)	6	A.S.C.I.	9455072417	-
9	Mr. Lalit Mohan Pandey	Intermediate	35	Jiledar	8090931772	-
10	Mr. Kamlesh Kumar	Intermediate	31	Work Incharge	8868992861	-
11	Mr. Udaiveer Singh	Graduate	31	Seench Paryavechak	-	-
12	Mr. Rajesh kumar	M.Com.	15	Seenchpal	9457354705	-
13	Mr. Chandra Shekhar	Intermediate	27	Seenchpal	-	-
14	Mr. Ram Kripal	Literate	27	Dak runner	-	-
15	Mr. Mahaveer Singh	Literate	32	Class IVth	-	-
16	Mr. Lakhn Singh	Literate	23	Class IVth	-	-

Details of WCDC's Staff, District-				Hathras (Mahamaya Nagar)		
Sr. No.	Name	Qualification	Experience (Yrs.)	Designation	Contact NO. & e-mail	Date of Joining
1	Mr. S. P. Sarswat	Intermediate, Dip Ag. Engg.		Project Manager	7017535203	03.06.2017
2	Mr. B. K. Agnihotri	M.Sc. Ag.	6	Technical Expert- WCDC	9412639941	02.06.2011
3	Mr. Ashwani Kumar	B.A.,	6	Data Entry Operator	9720933695	11.06.2011
Details of WDT Attached with PIA, District-				Hathras (Mahamaya Nagar)		
Sr. No.	Name	Qualification	Experience	Designation	Contact NO. & e-mail	Date of Joining
1	Smt. Nandrani	B.A. (Sociology)	6	WDT	8533045312	01.12.2011

Details of Watershed Committee formed at Gram Panchayat Level under														Kachaura, IWMP-IV			District-		Hathras (Mahamaya Nagar)							
S. No.	Name of Watershed Committee	Name of Chairman	Name of Secretary	Category wise Details of Members (in numbers)																		Composition of WC				
				Category Wise						Caste wise				Qualification Wise								Women	GP member	SHG Member	UG Member	
				Assetlee	Marginal	Small	Large	WDT	Total	SC	OBC	Gen.	Total	Primary	Jr. HS	HS	Inter	Graduate	PG	Literate	Illiterate					Total
1	Agsauli	Smt. Suneta Yadav	Shri. Laturi Singh	1	4	4	1	1	11	2	8	0	10	0	0	4	3	2	0	9	1	10	3	1	2	4
2	Bargawan	Shri. Shanker Lal	Shri. Ashok Kumar	2	3	2	3	1	11	2	6	2	10	2	3	4	0	1	0	10	0	10	3	1	3	3
3	Bartar Khas	Smt. Malti Devi	Shri. Suseel Kumar	1	5	3	1	1	11	2	6	2	10	1	3	2	4	0	0	10	0	10	2	1	2	5
4	Birawar	Smt. Suneta Devi	Shri. Ashbani Kumar	1	5	4	0	1	11	9	0	1	10	3	2	3	1	1	0	10	0	10	1	1	2	6
5	Ganthari Shahpur	Shri. Sanjay Kumar	Shri. Ashbani Kumar	1	4	3	2	1	11	1	2	7	10		1	2	1	4	0	8	2	10	2	1	2	5
6	Kachaura	Smt. Rachna Devi	Shri. Ashok Kumar	4	3	2	1	1	11	3	3	4	10	4	2	2	1	1	0	10	0	10	2	1	2	5
7	Nauratha Isapur	Shri. Bhagwan Singh	Shri. Ashok Kumar	1	3	3	3	1	11	4	6	0	10		1	5	2	0	0	8	2	10	2	1	2	5
8	Rampur Nagla Chatol	Shri. Veerpal	Shri. Suseel Kumar	1	4	5	0	1	11	3	7	0	10	2	5	1	3	0	0	10	0	10	4	1	1	4
9	Tikari Kalan	Smt. Geeta Sisodiya	Shri. Surjeet	1	4	4	1	1	11	1	5	4	10	3	1	2	4	3	0	10	0	10	1	1	2	6
TOTAL :				13	35	30	12	9	99	27	43	20	90	15	18	25	19	12	0	85	5	90	20	9	18	43

List of WC Member are given in Project File

WC wise Details of Self Help Groups (SHGs) and User's Groups (UGs) Proposed to be Formed in the project								
S. No.	Name of WC	Kachaura, IWMP-IV District- Hathras (Mahamaya Nagar)				Number of SHGs Members	Total No. of UGs	Number of UGs Members
		Total No. of SHGs						
		With only Men	With only Women	With Both	Total			
1	Agsauli	6	19	8	33	330	18	90
2	Bargawan	0	2	2	4	40	3	15
3	Bartar Khas	3	10	4	17	170	10	50
4	Birawar	1	4	2	7	70	4	20
5	Ganthari Shahpur	1	4	3	8	80	4	20
6	Kachaura	5	15	5	25	250	15	75
7	Nauratha Isapur	2	8	4	14	140	7	35
8	Rampur Nagla Chatol	1	4	2	7	70	4	20
9	Tikari Kalan	0	2	2	4	40	0	0
TOTAL :		19	68	32	119	1190	65	325

* 05 No. of Farmer's Producer Organisation (FPO) will be promoted/Formed by SLNA on Cluster/Project Basis under the component of I & CB fund.

YEARWISE FINANCIAL BREAK-UP (in %) OF VARIOUS COMPONENT At VARIOUS LEVEL UNDER IWMP SCHEME

% of Sanctioned Amount in Lacs : 100

Installment	Year	Agency	Administration	Monitoring	Evaluation	EPA	I & CB	DPR	Livelihood	Production Sys. & Micro-enterprises	Watershed Develoment Works	Consolidation	TOTAL	
Ist Installment 20%	Ist Year 6%	SLNA					0.150						0.150	
		WCDC					0.150						0.150	
		PIA	0.250				4.000	0.200	1.000					5.450
		WC	0.250											0.250
		TOTAL	0.500	0.000	0.000	0.000	4.000	0.500	1.000	0.000	0.000	0.000	0.000	6.000
	IInd Year 14%	SLNA			0.050	0.300		0.050						0.400
		WCDC			0.100			0.350						0.450
		PIA	0.750		0.050			2.100						4.900
		WC	0.750							1.000	1.000	7.500		8.250
		TOTAL	1.500	0.200	0.300	0.000	2.500	0.000	1.000	1.000	1.000	7.500	0.000	14.000
IInd Installment 50%	III Year (25%)	SLNA			0.040	0.175		0.050					0.270	
		WCDC			0.100			0.125					0.230	
		PIA	1.350		0.060			0.575						6.990
		WC	1.350							2.500	2.500	16.175		17.530
		TOTAL	2.700	0.200	0.175	0.000	0.750	0.000	2.500	2.500	2.500	16.175	0.000	25.020
	IV Year (25%)	SLNA			0.040	0.175		0.050						0.270
		WCDC			0.100			0.125						0.230
		PIA	1.350		0.060			0.575						6.990
		WC	1.350							2.500	2.500	16.175		17.530
		TOTAL	2.700	0.200	0.175	0.000	0.750	0.000	2.500	2.500	2.500	16.175	0.000	25.020
IIIRD Installment 30%	V Year (30%)	SLNA			0.080	0.350						0.100	0.530	
		WCDC			0.200			0.150				0.100	0.450	
		PIA	1.300		0.120			0.350				0.200	8.970	
		WC	1.300							3.000	4.000	16.150	2.600	20.050
		TOTAL	2.600	0.400	0.350	0.000	0.500	0.000	3.000	4.000	16.150	3.000	3.000	30.000
TOTAL (100%)	SLNA	0		0.210	1.000	0	0.300	0	0	0	0	0.100	1.620	
	WCDC	0		0.500	0	0	0.900	0	0	0	0	0.100	1.510	
	PIA	5.000		0.290	0	4.000	3.800	1.000	0	0	0	0.200	33.300	
	WC	5.000		0	0	0	0	0	9.000	10.000	56.000	2.600	63.610	
	TOTAL	10.000		1.000	1.000	4.000	5.000	1.000	9.000	10.000	56.000	3.000	100.000	

आई0डब्ल्यू0एम0पी0 योजनान्तर्गत वार्षिक आधार विभिन्न घटकों में संस्थागत स्तर पर देय धनराशि का विवरण लाख में

YEARWISE FINANCIAL BREAK-UP (in Lakhs) OF VARIOUS COMPONENT At VARIOUS LEVEL UNDER IWMP SCHEME													Kachaura, IWMP-IV	District-	Hathras (Mahamaya Nagar)
परियोजना	Kachaura, IWMP-IV		District- as (Mahamaya I नियोजित क्षेत्रों में					Sanctioned Amount Rs. In Lacs					3635.00	436.20	
योजना के चरण	वर्ष	संस्था	प्रशासनिक 10%	निगरानी (मानिट्रिंग) 1%	मूल्यांकन 1%	ई0पी0ए0 4%	आई0 ऐण्ड सी0बी0 5%	डी0पी0आर0 1%	आजीविका प्रबन्धन 9%	उत्पादन प्रणाली तथा अति सूक्ष्म उद्यम 10%	कार्य मद 56%	कन्सोलिडेशन 3%	योग 100%		
प्रारम्भिक चरण 6% (Preparatory Phase 20%)	Ist Year प्रथम वर्ष 6%	SLNA					0.654						0.654		
		WCDC					0.654						0.654		
		PIA	1.091			17.448	0.872	4.362					23.773		
		WC	1.091										1.091		
		TOTAL	2.181	0	0	17.448	2.181	4.362	0	0	0	0	0	26.172	
प्रारम्भिक चरण 20% (Preparatory Phase 20%)	IInd Year द्वितीय वर्ष 14%	SLNA		0.218	1.309		0.218						1.745		
		WCDC		0.436			1.527						1.963		
		PIA	3.272	0.218			9.160							12.650	
		WC	3.272						4.362	4.362	32.715			44.711	
		TOTAL	6.543	0.872	1.309	0.000	10.905	0	4.362	4.362	32.715	0	0	61.068	
वाटरशेड कार्य चरण 50% (Work Phase 50%)	IIIrd Year तृतीय वर्ष 25%	SLNA		0.174	0.763		0.218						1.156		
		WCDC		0.436			0.545						0.981		
		PIA	5.889	0.262			2.508							8.659	
		WC	5.889						10.905	10.905	70.555			98.254	
		TOTAL	11.777	0.872	0.763	0.000	3.272	0	10.905	10.905	70.555	0	0	109.050	
	IVth Year चतुर्थ वर्ष 25%	SLNA		0.174	0.763		0.218							1.156	
		WCDC		0.436			0.545							0.981	
		PIA	5.889	0.262			2.508							8.659	
		WC	5.889						10.905	10.905	70.555			98.254	
		TOTAL	11.777	0.872	0.763	0.000	3.272	0	10.905	10.905	70.555	0	0	109.050	
समेकन चरण 30% (Consolidation Phase 30%)	Vth Year पंचम वर्ष 30%	SLNA		0.349	1.527							0.436	2.312		
		WCDC		0.872			0.654					0.436	1.963		
		PIA	5.671	0.523			1.527					0.872	8.593		
		WC	5.671						13.086	17.448	70.446	11.341	117.992		
		TOTAL	11.341	1.745	1.527	0.000	2.181	0.000	13.086	17.448	70.446	13.086	130.860		
योग (100%)		SLNA	0	0.916	4.362	0	1.309	0	0	0	0	0.436	7.023		
		WCDC	0	2.181	0	0	3.926	0	0	0	0	0.436	6.543		
		PIA	21.810	1.265	0	17.448	16.576	4.362	0	0	0	0.872	62.333		
		WC	21.810	0	0	0	0	0	39.258	43.620	244.272	11.341	360.301		
		TOTAL	43.620	4.362	4.362	17.448	21.810	4.362	39.258	43.620	244.272	13.086	436.200		

Availability of Fund At Micro Watershed Level Under The Project of-								Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)				
Planned Area in ha :								3635.00			(Area in ha, Amount in Lacs)				
Sr. No.	MWS Code	Name of MWS	Geographical Area	Planned Area	EPA 4%	DPR 1%	I&CB 5%	Monitoring @1%	Evaluation 1%	Administration 10%	LA @ 9%	PSME @10%	WDW @56%	Consolidation @3%	Total @ 100%
1	2B3D5e1a	Kachaura	468.78	350	1.68	0.42	2.1	0.42	0.42	4.2	3.78	4.2	23.52	1.26	42.00
2	2B3D5e1b	Kachaura	958.13	680	3.264	0.816	4.08	0.816	0.816	8.16	7.344	8.16	45.696	2.448	81.60
3	2B3D5e1c	Nauratha Isapur	610.51	402	1.9296	0.482	2.412	0.4824	0.4824	4.824	4.3416	4.824	27.0144	1.4472	48.24
4	2B3D5e1d	Bartar Khas	436.31	321	1.5408	0.385	1.926	0.3852	0.3852	3.852	3.4668	3.852	21.5712	1.1556	38.52
5	2B3D5e1e	Bartar Khas	701.02	495	2.376	0.594	2.97	0.594	0.594	5.94	5.346	5.94	33.264	1.782	59.40
6	2B3D5e2a	Kachaura	122.91	96	0.4608	0.115	0.576	0.1152	0.1152	1.152	1.0368	1.152	6.4512	0.3456	11.52
7	2B3D5e2c	Ganthari Shahpur	939.25	657	3.1536	0.788	3.942	0.7884	0.7884	7.884	7.0956	7.884	44.1504	2.3652	78.84
8	2B3D5e2d	Agsauli	905.24	634	3.0432	0.761	3.804	0.7608	0.7608	7.608	6.8472	7.608	42.6048	2.2824	76.08
TOTAL :			5142.15	3635	17.45	4.36	21.81	4.36	4.36	43.62	39.26	43.62	244.27	13.09	436.20

YEARWISE FINANCIAL BREAKUP (in%) OF VARIOUS COMPONENT UNDER								Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)		
S. No.	Installment	Year	Administrative 10%	EPA 4%	Institution and CB 5%	DPR 1%	Watershed development work 50%	Livelihood for assetless 9%	Production system and Microenterprises 10%	Amount in %			
										Monitoring 1%	Evaluation 1%	Consolidation 3%	Total 100%
1	Ist Phase	Ist Year	0.5	4	0.5	1	0	0	0	0	0	0	6
		IIInd Year	1.5	0	2.5	0	7.5	1	1	0.2	0.3	0	14
2	II nd Phase	IIIrd Year	2.7	0	0.75	0	16.175	2.5	2.5	0.2	0.175	0	25
		IVth Year	2.7	0	0.75	0	16.175	2.5	2.5	0.2	0.175	0	25
3	III rd Phase	Vth Year	2.6	0	0.5	0	16.15	3	4	0.4	0.35	3	30
TOTAL :			10	4	5	1	56	9	10	1	1	3	100

YEARWISE FINANCIAL BREAKUP OF VARIOUS COMPONENT UNDER								Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)		
					Area in ha		3635.00		Amount in Lakhs			436.20	
S. No.	Installment	Year	Administrative 10%	EPA 4%	Institution and CB 5%	DPR 1%	Watershed development work 50%	Livelihood for assetless 9%	Production system and Microenterprises 10%	Monitoring 1%	Evaluation 1%	Consolidation 3%	Total 100%
1	Ist Phase	Ist Year	2.1810	17.4480	2.1810	4.3620	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	26.17
		IIInd Year	6.5430	0.0000	10.9050	0.0000	32.7150	4.3620	4.3620	0.8724	1.3086	0.0000	61.07
2	II nd Phase	IIIrd Year	11.7774	0.0000	3.2715	0.0000	70.5554	10.9050	10.9050	0.8724	0.7634	0.0000	109.05
		IVth Year	11.7774	0.0000	3.2715	0.0000	70.5554	10.9050	10.9050	0.8724	0.7634	0.0000	109.05
3	III rd Phase	Vth Year	11.3412	0.0000	2.1810	0.0000	70.4463	13.0860	17.4480	1.7448	1.5267	13.0860	130.86
	TOTAL :		43.62	17.45	21.81	4.36	244.27	39.26	43.62	4.36	4.36	13.09	436.20

% of Budget for Various Components Under			Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)
			Area in ha :	3635.00	Amount in Lacs :	436.20
S. No.	Budget Component	%	Total Amount (in Rs.)		Total Amount (In Lacs)	
A.	Management Cost					
	1. Administrative	10	4362000.00		43.62	
	2. Monitoring	1	436200.00		4.36	
	3. Evaluation	1	436200.00		4.36	
	SUB TOTAL :	12	5234400.00		52.34	
B.	Preparatory Phase					
	1. Entry Point Activities	4	1744800.00		17.45	
	2. Institution & Capacity Building	5	2181000.00		21.81	
	3. Detailed Project Report (DPR)	1	436200.00		4.36	
	SUB TOTAL :	10	4362000.00		43.62	
C.	Watershed Work Phase					
	1. Livelihood Activities for the Asset less Person	9	3925800.00		39.26	
	2. Production System and Micro-enterprises	10	4362000.00		43.62	
	3. Watershed Development Works	56	24427200.00		244.27	
	SUB TOTAL :	75	32715000.00		327.15	
D.	Consolidation Phase					
	Grand Total :	100	43620000.00		436.20	

WC wise Yearly availability of Fund Under Various Components of IWMP (Amount in Lacs)												Kachaura, IWMP-IV				District-		Hathras (Mahamaya Nagar)		
S. No.	Name of WC	Treatable Area in ha	IInd Year			IIIrd Year			IVth Year			Vth Year				Total Amount in Lakhs				Grand Total (77.6%)
			LA (1%)	PSME (1%)	WDW (7.5%)	LA (2.5%)	PSME (2.5%)	WDW (16.175%)	LA (2.5%)	PSME (2.5%)	WDW (16.175%)	LA (3%)	PSME (4%)	WDW (16.150%)	Consolidation	LA (9%)	PSME (10%)	WDW (56%)	Consolidation (2.6%)	
1	Agsauli	1131	1.357	1.357	10.179	3.393	3.393	21.953	3.393	3.393	21.953	4.072	5.429	21.919	3.529	12.215	13.572	76.003	3.529	105.319
2	Bargawan	92	0.110	0.110	0.828	0.276	0.276	1.786	0.276	0.276	1.786	0.331	0.442	1.783	0.287	0.994	1.104	6.182	0.287	8.567
3	Bartar Khas	543	0.652	0.652	4.887	1.629	1.629	10.540	1.629	1.629	10.540	1.955	2.606	10.523	1.694	5.864	6.516	36.490	1.694	50.564
4	Birawar	202	0.242	0.242	1.818	0.606	0.606	3.921	0.606	0.606	3.921	0.727	0.970	3.915	0.630	2.182	2.424	13.574	0.630	18.810
5	Ganthari Shahpur	258	0.310	0.310	2.322	0.774	0.774	5.008	0.774	0.774	5.008	0.929	1.238	5.000	0.805	2.786	3.096	17.338	0.805	24.025
6	Kachaura	797	0.956	0.956	7.173	2.391	2.391	15.470	2.391	2.391	15.470	2.869	3.826	15.446	2.487	8.608	9.564	53.558	2.487	74.217
7	Nauratha Isapur	397	0.476	0.476	3.573	1.191	1.191	7.706	1.191	1.191	7.706	1.429	1.906	7.694	1.239	4.288	4.764	26.678	1.239	36.969
8	Rampur Nagla Chatol	159	0.191	0.191	1.431	0.477	0.477	3.086	0.477	0.477	3.086	0.572	0.763	3.081	0.496	1.717	1.908	10.685	0.496	14.806
9	Tikari Kalan	56	0.067	0.067	0.504	0.168	0.168	1.087	0.168	0.168	1.087	0.202	0.269	1.085	0.175	0.605	0.672	3.763	0.175	5.215
TOTAL :		3635	4.36	4.36	32.72	10.91	10.91	70.56	10.91	10.91	70.56	13.09	17.45	70.45	11.34	39.26	43.62	244.27	11.34	338.49

Availability of Fund At Watershed Committee (WC) Level Formed At GP Level Under The Project of							
Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)	Treatable Area :	3635.00	ha (Area in ha, Amount in Lacs)	
S. No.	Name of WC	Traetable Area in ha	LA @ 9%	PSME @10%	WDW @56%	Consolidation @2.6%	Total @ 77.6%
1	Agsauli	1131	12.2148	13.5720	76.0032	3.5287	105.3187
2	Bargawan	92	0.9936	1.1040	6.1824	0.2870	8.5670
3	Bartar Khas	543	5.8644	6.5160	36.4896	1.6942	50.5642
4	Birawar	202	2.1816	2.4240	13.5744	0.6302	18.8102
5	Ganthari Shahpur	258	2.7864	3.0960	17.3376	0.8050	24.0250
6	Kachaura	797	8.6076	9.5640	53.5584	2.4866	74.2166
7	Nauratha Isapur	397	4.2876	4.7640	26.6784	1.2386	36.9686
8	Rampur Nagla Chatol	159	1.7172	1.9080	10.6848	0.4961	14.8061
9	Tikari Kalan	56	0.6048	0.6720	3.7632	0.1747	5.2147
TOTAL :		3635	39.258	43.62	244.272	11.3412	338.4912

Details of EPA Activities Executed under Project Area						Kachaura, IWMP-IV			District-	Matnras (Iwanamaya Nagar)	
Sr. No.	MWS Code	Name of MWS	Geographical Area	Planned Area	Amount Released	Village	EPA Work	No.	Khasra No.	Expenditure (Lakhs)	Balance
1	2	3	4	5	6	7	8		9	10	11
1	2B3D5e1a	Kachaura	468.78	350.00	1.68	Kachaura (N. Muhari)	Solar Light	7		157654.00	
									Sub Total :	157654.00	0.10
2	2B3D5e1b	Kachaura	958.13	680.00	3.26	Khemgarhi	Solar Light	2		45044.00	
						Shekharhi	Solar Light	1		22522.00	
						Madhuri	Solar Light	2		45044.00	
						Kachaura	Solar Light	6		135132.00	
						Muhari	Solar Light	1		22522.00	
						Hanumangarhi	Solar Light	1		22522.00	
						Bargawan	Solar Light	1		22522.00	
									Sub Total :	315308.00	0.11
3	2B3D5e1c	Nauratha Isapur	610.51	402.00	1.93	Agsauli	Solar Light	1		22522.00	
						Khemgarhi	Solar Light	1		22522.00	
						Northa	Solar Light	1		23980.00	
						Ishapur	Solar Light	7		159112.00	
									Sub Total :	228136.00	-0.35
4	2B3D5e1d	Bartar Khas	436.31	321.00	1.5408	Bartarkhas	Culvert	1		118000.00	
									Sub Total :	118000.00	0.36
5	2B3D5e1e	Bartar Khas	701	495	2.376	Bartarkhas	Solar Light	7		157654.00	
						Anchola Sahadatpur	Solar Light	1		22522.00	
						Rampur Nagla Chatol	Solar Light	1		22522.00	
						Sanjarpur	Solar Light	1		22522.00	
						Tati Dandiya	Solar Light	1		22522.00	
						Tikri Kalan	Solar Light	1		22522.00	
									Sub Total :	270264.00	-0.33
6	2B3D5e2a	Kachaura	123	96	0.4608	Chattarpur	Solar Light	1		22522.00	
						Harchandpur	Solar Light	1		22522.00	
									Sub Total :	45044.00	0.01
7	2B3D5e2c	Ganthari Shahpur	939	657	3.1536	Agsauli	Solar Light	5		112610.00	
						Anandpur	Solar Light	1		22522.00	
						Toganpur	Solar Light	3		67566.00	

Details of EPA Activities Executed under Project Area						Kachaura, IWMP-IV			District-	Hathras (Iwanamaya Nagar)	
Sr. No.	MWS Code	Name of MWS	Geographical Area	Planned Area	Amount Released	Village	EPA Work	No.	Khasra No.	Expenditure (Lakhs)	Balance
1	2	3	4	5	6	7	8		9	10	11
						Ganthari Shahpur	Solar Light	6		135132.00	
									Sub Total :	337830.00	-0.22
8	2B3D5e2d	Agsauli	905	634	3.0432	Agsauli	Solar Light	7		157654.00	
						Nihalpur	Solar Light	2		45044.00	
						Nagla Bhud	Solar Light	2		45044.00	
						Angla Adu	Solar Light	1		22522.00	
									Sub Total :	157654.00	1.47
TOTAL :			5142.150	3635.000	17.448					1629890.00	1.149

Microwatershed-wise Financial Break-up of Institutional & Capacity Building Programme (Year-wise)																			Kachaura, IWMP-IV					District		Hathras (Mahamaya Nagar)			Area in ha Amount in Lacs				
S. No.	MWS Code	Name of MWS	Area	Ist Year (0.5%)					IInd Year (2.5%)					IIIrd Year (0.75%)					IVthYear (0.75%)					Vth Year (0.5%)					TOTAL (5%)				GRAND TOTAL
				SLNA	WCDC	PIA	WC	Total	SLNA	WCDC	PIA	WC	Total	SLNA	WCDC	PIA	WC	Total	SLNA	WCDC	PIA	WC	Total	SLNA	WCDC	PIA	WC	Total	SLNA	WCDC	PIA	WC	
1	2B3D5e1a	Kachaura	350.00	0.063	0.063	0.084	0	0.21	0.02	0.15	0.88	0.00	1.05	0.02	0.05	0.24	0.00	0.32	0.02	0.05	0.24	0.00	0.32	0.00	0.06	0.15	0.00	0.21	0.13	0.38	1.60	0.00	2.10
2	2B3D5e1b	Kachaura	680.00	0.1224	0.1224	0.1632	0	0.408	0.04	0.29	1.71	0.00	2.04	0.04	0.10	0.47	0.00	0.61	0.04	0.10	0.47	0.00	0.61	0.00	0.12	0.29	0.00	0.41	0.24	0.73	3.10	0.00	4.08
3	2B3D5e1c	Nauratha Isapur	402.00	0.0724	0.0724	0.0965	0	0.241	0.02	0.17	1.01	0.00	1.21	0.02	0.06	0.28	0.00	0.36	0.02	0.06	0.28	0.00	0.36	0.00	0.07	0.17	0.00	0.24	0.14	0.43	1.83	0.00	2.41
4	2B3D5e1d	Bartar Khas	321.00	0.0578	0.0578	0.077	0	0.193	0.02	0.13	0.81	0.00	0.96	0.02	0.05	0.22	0.00	0.29	0.02	0.05	0.22	0.00	0.29	0.00	0.06	0.13	0.00	0.19	0.12	0.35	1.46	0.00	1.93
5	2B3D5e1e	Bartar Khas	495.00	0.0891	0.0891	0.1188	0	0.297	0.03	0.21	1.25	0.00	1.49	0.03	0.07	0.34	0.00	0.45	0.03	0.07	0.34	0.00	0.45	0.00	0.09	0.21	0.00	0.30	0.18	0.53	2.26	0.00	2.97
6	2B3D5e2a	Kachaura	96.00	0.0173	0.0173	0.023	0	0.058	0.01	0.04	0.24	0.00	0.29	0.01	0.01	0.07	0.00	0.09	0.01	0.01	0.07	0.00	0.09	0.00	0.02	0.04	0.00	0.06	0.03	0.10	0.44	0.00	0.58
7	2B3D5e2c	Ganthari Shahpur	657.00	0.1183	0.1183	0.1577	0	0.394	0.04	0.28	1.66	0.00	1.97	0.04	0.10	0.45	0.00	0.59	0.04	0.10	0.45	0.00	0.59	0.00	0.12	0.28	0.00	0.39	0.24	0.71	3.00	0.00	3.94
8	2B3D5e2d	Agsauli	634.00	0.1141	0.1141	0.1522	0	0.38	0.04	0.27	1.60	0.00	1.90	0.04	0.10	0.44	0.00	0.57	0.04	0.10	0.44	0.00	0.57	0.00	0.11	0.27	0.00	0.38	0.23	0.68	2.89	0.00	3.80
Total :			3635	0.654	0.654	0.872	0.000	2.181	0.218	1.527	9.160	0.000	10.905	0.218	0.545	2.508	0.000	3.272	0.218	0.545	2.508	0.000	3.272	0.000	0.654	1.527	0.000	2.181	1.309	3.926	16.576	0.000	21.810

At A Glance	Annual Action Plan (APP) of I & CB of Project Area Under				Kachaura, IWMP-IV		Amount in Lacs
	District:-	Hathras (Mahamaya Nagar)	(5% of Project Cost) Area ha		3635.00		
S. No.	Level	Number of persons to be trained	Nos. Of Trngs	Days	Preson days	Rate/person/day	Amount
1	SLNA	0	0	0	0	0	1.3086
2	WCDC						
2.1	District Level Workshop	75	1	1	75	0.01	0.750
2.2	Workshop						
2.2.1	Convergence Workshop	20	1	1	20	0.007	0.140
2.2.2	Refreshar Wokshop	20	1	1	20	0.007	0.140
2.2.3	Workshop of Inovative Practices & PPP Model	20	1	1	20	0.007	0.140
2.2.4	Workshop on Formation, Development & Sustainability of Federation	20	1	1	20	0.007	0.140
2.2.5	Linkage Establishment	20	1	1	20	0.007	0.140
	Sub Total of 2 :	175			175		1.450
2.3	Exposure Visit						
2.3.a	In the District	382	1	1	382	0.00150	0.5730
2.3.b	Within State	255	1	1	255	0.00400	1.020
2.3.c	Out of State	18	1	7	126	0.00700	0.882
	Sub Total of WCDC	830	4		938		3.925
3	PIA						
3.1	PIA	10	2	6	120	0.00670	0.804
3.2	WDT	10	2	5	100	0.00670	0.670
3.3	WC Basic	1206	1	1	1206	0.00317	3.823
3.4	WC Member	110	2	1	220	0.00317	0.697
3.5	WC Functionaries	146	2	1	292	0.00670	1.956
3.6	UGs	318	1	1	318	0.00317	1.008
3.7	UGs Functionaries	170	1	2	340	0.00670	2.278
3.8	SHGs	240	1	3	720	0.00317	2.282
3.9	SHGs Functionaries	228	1	2	456	0.00670	3.055
	Sub Total of PIA	2438			3772		16.574
3.10	Skill Training (from Convergence)	105	1	30	3150	0.00500	15.750
	Sub Total :	105			3150		15.750
	Total :	3373			7860	-	37.558
							Fund From IWMP
							21.810
							Convergence from NRLM/SKILL Development Mission
							15.748

Ist Year	Annual Action Plan (APP) of I & CB of Project Area Under				Kachaura, IWMP-IV		Amount in Lakhs
	District :	Hathras (Mahamaya Nagar)		(0.5% of Project Cost) Area :		3635.00	
S. No.	Level	Number of persons to be trained	Nos. Of Trngs	Days	Preson days	Rate/person/day	Amount
1	SLNA	0	0	0	0	0.00000	0.6543
2	WCDC						
2.1	District Level Workshop	0	0	0	0	0.01000	0.000
2.2	Convergence Workshop	20	1	1	20	0.00700	0.140
2.3	Exposure Visit						
2.3.a	In the District	116	1	1	116	0.00150	0.174
2.3.b	Within State	85	1	1	85	0.00400	0.340
2.3.c	Out of State	0	0	0	0	0.00700	0.000
	Sub Total of WCDC	221	3		221		0.654
3	PIA						
3.1	PIA	5	2	6	60	0.00670	0.402
3.2	WDT	2	2	5	20	0.00670	0.134
3.3	WC Basic	106	1	1	106	0.00317	0.336
3.4	WC Member	0	2	1	0	0.00317	0.000
3.5	WC Functionaries	0	2	1	0	0.00670	0.000
3.6	UGs	0	1	1	0	0.00317	0.000
3.7	UGs Functionaries	0	1	2	0	0.00670	0.000
3.8	SHGs	0	1	3	0	0.00317	0.000
3.9	SHGs Functionaries	0	1	2	0	0.00670	0.000
	Sub Total of PIA	113			186		0.872
3.10	Skill Training	0	0	0	0	0.00500	0.000
	Sub Total :	0			0		0.000
	Total :	334			407	-	2.18
Fund From IWMP							2.18

IInd Year	Annual Action Plan (APP) of I & CB of Project Area Under				Kachaura, IWMP-IV		Amount in Lakhs
	District :	Hathras (Mahamaya Nagar)		(2.5% of Project Cost) Area :		3635.00	
S. No.	Level	Number of persons to be trained	Nos. Of Trngs	Days	Preson days	Rate/person/day	Amount
1	SLNA	0	0	0	0	0.00000	0.218
2	WCDC						
2.1	District Level Workshop	75	1	1	75	0.01000	0.750
2.2	Refreshar Wokshop	20	1	1	20	0.00700	0.140
2.3	Exposure Visit						
2.3.a	In the District	70	1	1	70	0.00150	0.105
2.3.b	Within State	35	1	1	35	0.00400	0.140
2.3.c	Out of State	8	1	7	56	0.00700	0.392
	Sub Total of WCDC	208	5		256		1.527
3	PIA						
3.1	PIA	5	2	6	60	0.00670	0.402
3.2	WDT	2	2	5	20	0.00670	0.134
3.3	WC Basic	1100	1	1	1100	0.00317	3.487
3.4	WC Member	110	2	1	220	0.00317	0.697
3.5	WC Functionaries	22	2	1	44	0.00670	0.295
3.6	UGs	136	1	1	136	0.00317	0.431
3.7	UGs Functionaries	102	1	2	204	0.00670	1.367
3.8	SHGs	120	1	3	360	0.00317	1.141
3.9	SHGs Functionaries	90	1	2	180	0.00670	1.206
	Sub Total of PIA	1687			2324		9.160
3.10	Skill Training	0	0	0	0	0.00500	0.000
	Sub Total :	0			0		0.000
	Total :	1895			2580	-	10.905
Fund From IWMP							10.905

IIIrd Year	Annual Action Plan (APP) of I & CB of Project Area Under				Kachaura, IWMP-IV		Amount in Lakhs
	District :	Hathras (Mahamaya Nagar)		(0.75% of Project Cost) Area :		3635.00	
S. No.	Level	Number of persons to be trained	Nos. Of Trngs	Days	Preson days	Rate/person/day	Amount
1	SLNA	0	0	0	0	0.00000	0.218
2	WCDC						
2.1	District Level Workshop	0	0	0	0	0.01000	0.000
2.2	Workshop of Inovative Practices & PPP Model	20	1	1	20	0.00700	0.140
2.3	Exposure Visit						
2.3.a	In the District	40	1	1	40	0.00150	0.0600
2.3.b	Within State	25	1	1	25	0.00400	0.100
2.3.c	Out of State	5	1	7	35	0.00700	0.245
	Sub Total of WCDC	90			120		0.545
3	PIA						
3.1	PIA	0	2	6	0	0.00670	0.000
3.2	WDT	2	2	5	20	0.00670	0.134
3.3	WC Basic	0	1	1	0	0.00317	0.000
3.4	WC Member	0	2	1	0	0.00317	0.000
3.5	WC Functionaries	50	2	1	100	0.00670	0.670
3.6	UGs	53	1	1	53	0.00317	0.168
3.7	UGs Functionaries	24	1	2	48	0.00670	0.322
3.8	SHGs	60	1	3	180	0.00317	0.571
3.9	SHGs Functionaries	48	1	2	96	0.00670	0.643
	Sub Total of PIA	237			497		2.507
3.10	Skill Training (from Convergence)	35	1	30	1050	0.00500	5.250
	Sub Total :	35			1050		5.250
	Total :	362			1667	-	8.521
Fund From IWMP							3.272
Convergence from NRLM/SKILL Development Mission							5.249

IVth Year	Annual Action Plan (APP) of I & CB of Project Area Under				Kachaura, IWMP-IV		Amount in Lakhs
	District :	Hathras (Mahamaya Nagar)		(0.75% of Project Cost) Area :		3635.00	
S. No.	Level	Number of persons to be trained	Nos. Of Trngs	Days	Preson days	Rate/person/day	Amount
1	SLNA	0	0	0	0	0.00000	0.218
2	WCDC						
2.1	District Level Workshop	0	0	0	0	0.01000	0.000
2.2	Workshop of Inovative Practices & PPP Model	20	1	1	20	0.00700	0.140
2.3	Exposure Visit						
2.3.a	In the District	40	1	1	40	0.00150	0.0600
2.3.b	Within State	25	1	1	25	0.00400	0.100
2.3.c	Out of State	5	1	7	35	0.00700	0.245
	Sub Total of WCDC	90	4		120		0.545
3	PIA						
3.1	PIA	0	2	6	0	0.00670	0.000
3.2	WDT	2	2	5	20	0.00670	0.134
3.3	WC Basic	0	1	1	0	0.00317	0.000
3.4	WC Member	0	2	1	0	0.00317	0.000
3.5	WC Functionaries	50	2	1	100	0.00670	0.670
3.6	UGs	53	1	1	53	0.00317	0.168
3.7	UGs Functionaries	24	1	2	48	0.00670	0.322
3.8	SHGs	60	1	3	180	0.00317	0.571
3.9	SHGs Functionaries	48	1	2	96	0.00670	0.643
	Sub Total of PIA	237			497		2.507
3.10	Skill Training (from Convergence)	35	1	30	1050	0.00500	5.250
	Sub Total :	35			1050		5.250
	Total :	362			1667	-	8.521
Fund From IWMP							3.272
Convergence from NRLM/SKILL Development Mission							5.249

Vth Year	Annual Action Plan (APP) of I & CB of Project Area Under				Kachaura, IWMP-IV		Amount in Lakhs
	District :	Hathras (Mahamaya Nagar)		(0.5% of Project Cost) Area :		3635.00	
S. No.	Level	Number of persons to be trained	Nos. Of Trngs	Days	Preson days	Rate/person/day	Amount
1	SLNA	0	0	0	0	0.00000	0.000
2	WCDC						
2.1	District Level Workshop	0	0	0	0	0.01000	0.000
2.2	Linkage Establishment	20	1	1	20	0.00700	0.140
2.3	Exposure Visit						
2.3.a	In the District	116	1	1	116	0.00150	0.174
2.3.b	Within State	85	1	1	85	0.00400	0.340
2.3.c	Out of State	0	1	7	0	0.00700	0.000
	Sub Total of WCDC	201	4		221		0.654
3	PIA						
3.1	PIA	0	2	6	0	0.00670	0.000
3.2	WDT	2	2	5	20	0.00670	0.134
3.3	WC Basic	0	1	1	0	0.00317	0.000
3.4	WC Member	0	2	1	0	0.00317	0.000
3.5	WC Functionaries	24	2	1	48	0.00670	0.322
3.6	UGs	76	1	1	76	0.00317	0.241
3.7	UGs Functionaries	20	1	2	40	0.00670	0.268
3.8	SHGs	0	1	3	0	0.00317	0.000
3.9	SHGs Functionaries	42	1	2	84	0.00670	0.563
	Sub Total of PIA	164			268		1.527
3.10	Skill Training (from Convergence)	35	1	30	1050	0.00500	5.250
	Sub Total :	35			1050		5.250
	Total :	400			1539	-	7.431
Fund From IWMP							2.181
Convergence from NRLM/SKILL Development Mission							5.250

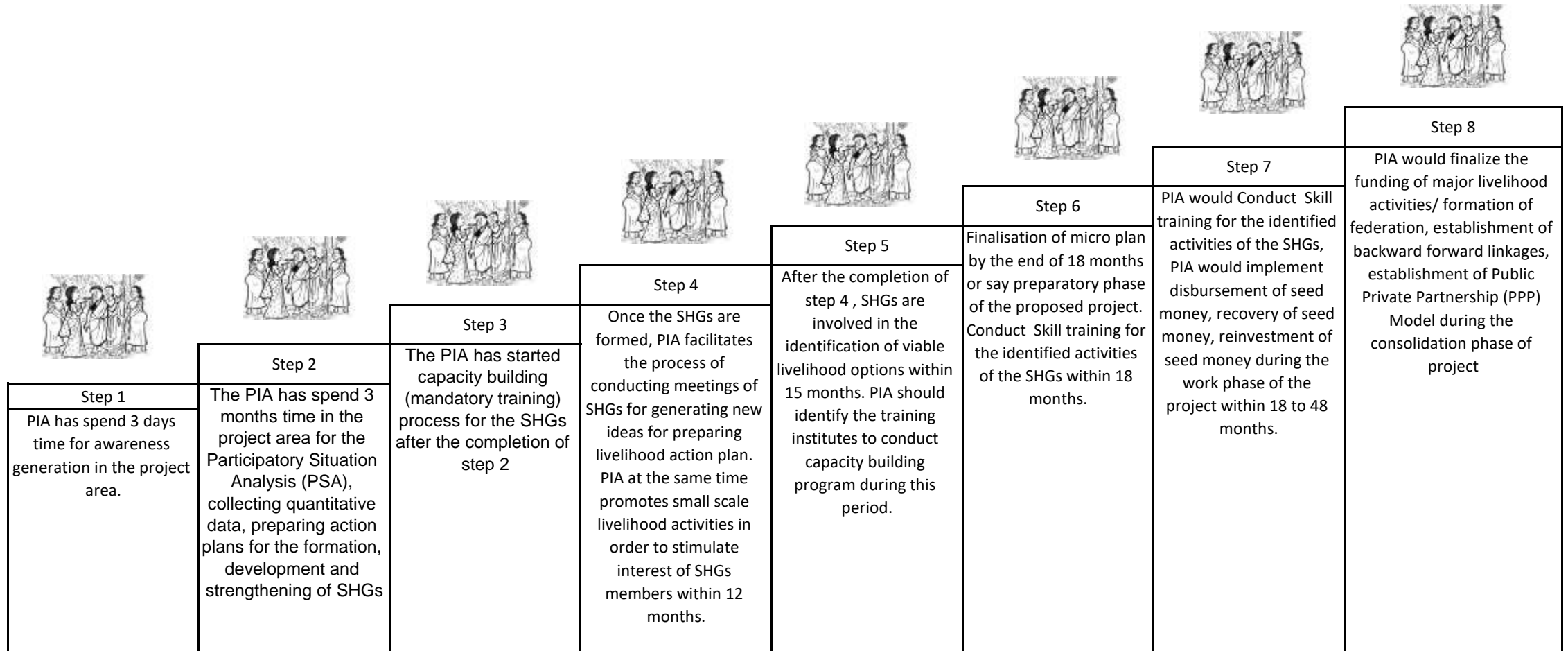
List of Identified Training Institute		
S. No.	Training Institute	Area of Specialization
1	Indian Veterinary Research Institute IVRI, Izatnagar, Bareilly in Uttar Pradesh	Livestock Rearing and Management.
2	Banaras Hindu University (BHU) , Varanasi, Uttar Pradesh 221005 Phone: 0542 236 8558	Farming System and Livelihood Development.
3	Central Institute for Research on Goats (CIRG), Farah Main Bazar Rd, Makhdum, Uttar Pradesh 281122	Goatary
4	Uttar Pradesh Pandit Deen Dayal Upadhyaya Pashu Chikitsa Vigyan Vishwavidyalaya Evam Go Anusandhan Sansthan, Mathura E-mail: agropedia@iitk.ac.in Phone: +91-512-2594005 (Off.)	Livestock Rearing and Management.
5	Department of Animal Husbandary, U.P.	Poultry/ Piggery
6	Pradeshik Cooperative Dairy Federation (PCDF), 29, Park Road, Lucknow-226001 Ph-236465,2236035 e-mail-info@paragmilkup.in	Dairy Development, Paravet, Milk Production and Micro Enterprises.
7	Institute of Financial Management Training and Research (IFMTR), U.P. Lucknow	Accounting Procedure and Finance.
8	National Bank for Agriculture and Rural Development (NABARD), 11, Vipin Khand, Gomti Nagar, Lucknow, Uttar Pradesh 226010 Phone: 0522 230 4530	Basic Orientation, SHGs Formation-Sustainability and Bank Linkage.
9	U.P. Khadi Gramodyuog	Micro Enterprises
10	Horticulture and Food Processing Department, UP Udhyan Bhawan, 2-Sapru Marg, Lucknow-226001. Telephone - 0522-4044414, 2623277	Horticulture, Nursery Management and Food Processing
11	Department of Fisheries, U.P.	Fisheries
12	Institute of Entrepreneurship Development, U.P.. A - 1 & 2, Industrial Area, Sarojini Nagar Kanpur Road, Lucknow-226008. Uttar Pradesh. Phone: 0522 - 2476012, 2476055	Livelihood Development and Micro Enterprises
13	Department of Forest, U.P.	Horticulture and Agro Forestry
14		
15	State Institute Of Rural Development in Bakshi Ka Talab Airport, Lucknow, Bakshi-Ka-Talab, Bakshi Ka Talab, Lucknow - 227208 .	Basic Orientation, Project Formulaion, Livelihood, Social Mobilization and other Speciific Area.
16	District Institute of Rural Development (DIRD), U.P.	Basic Orientation, Project Formulaion, Production System.
17	Sardar Vallabhbai Patel University of Agriculture and Technology, Modipuram, Meerut, Uttar Pradesh 250110	Basic Orientation, Project Formulaion, Production System.
18	Chandra Shekhar Azad University of Agriculture & Technology (CSAUA&T), Kanpur	Basic Orientation, Project Formulaion, Production System.
19	Banda University of Agriculture and Technology, Banda Near New Circuit House, Banda, Uttar Pradesh 210001, India, Banda, Uttar Pradesh 210001 Phone: 05192 221 605	Basic Orientation, Project Formulaion, Production System.
20	Narendra Dev University Of Agriculture And Technology Kumarganj, Faizabad, Uttar Pradesh 224229 Phone: 05270 262 03	Basic Orientation, Project Formulaion, Production System.
21	Sam Higginbottom Institute of Agriculture, Technology and Sciences, Post. Agriculture Institute, Allahabad, Uttar Pradesh 211007 Phone: 0532 268 4281	Basic Orientation, Project Formulaion, Production System.
22	All Government KVKs, U.P.	Basic Orientation, Project Formulaion, Production System.

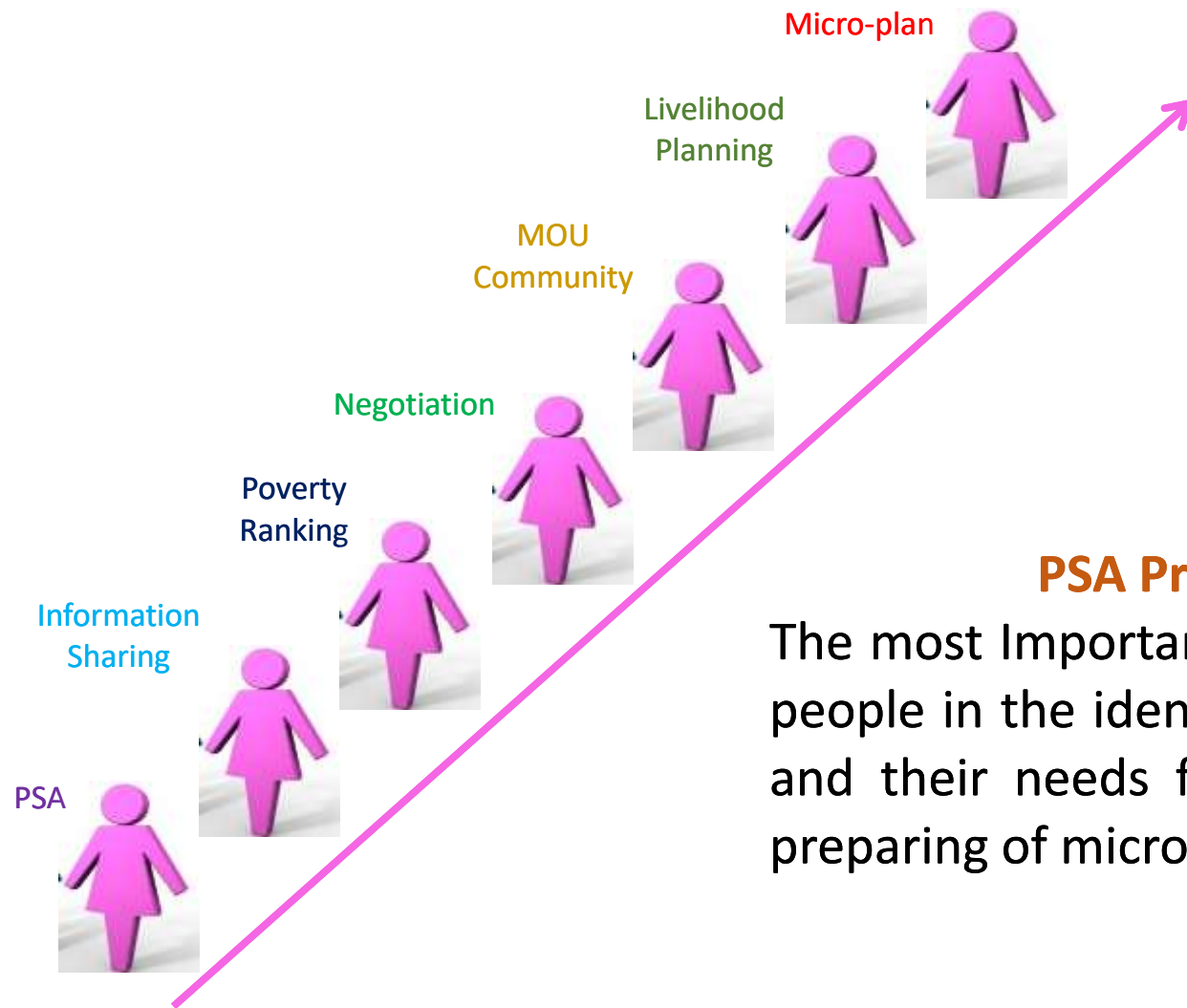
List of Identified Training Institute		
S. No.	Training Institute	Area of Specialization
1	Indian Veterinary Research Institute IVRI, Izatnagar, Bareilly in Uttar Pradesh	Livestock Rearing and Management.
23	Trining Institute, Beni Kalan, U.P.	Basic Orientation, Project Formulaion, Production System.
24	State Agriculture Management Institute, U.P.	Basic Orientation, Project Formulaion, Production System.
25	The ICAR-Indian Institute of Soil and Water Conservation(ICAR-IISWC), (Formerly CSWCRTI), 218, Kaulagarh Road, Forest Research Institute, ONGC, Dehradun, Uttarakhand 248195 Phone: 0135 275 7214	Basic Orientation, Project Formulaion, Production System.
26	ICAR-Indian Institute of Soil and Water Conservation, Research Centre, Chhaleser, Agra-282 006 (U.P) Tel: (O) 0562-6544599; (R) 91-9837017725; Fax No.: 0562-2440179 E-mail: agra.cswcrti@gmail.com ; skdubeyagra@gmail.com	Basic Orientation, Project Formulaion, Production System.
27	Indian Grassland and Fodder Research Institute (IGFR), Jhansi, Uttar Pradesh 284003 Phone: 081203 11814	Grass and Ffodder Management
28	National Research Centre for Agroforestry (NRCAF), Gwalior Road, Jhansi-284 003	Afforestation and Agro Forestry
29	Remote Sensing Application Centre, Kursi Road, Lucknow.	Role and Application of Remote Sensing, G.I.S. and GPS in Watershed Management.
30	Agricultuure Finance Corporation (AFC) Ltd. Vidhan Sabha Marg, Lucknow	All WC Level Training under IWMP at Local Level.
31	Herbert Buttlar Technological Institute (STEP HBTI), Nawabganj, Kanpur 208002 Ph. No. 0512-2560831, 2562536, 2563016 E-mail : stephbt@gmail.com	Basic Orientation and Skill Training for Livelihood and Micro Enterprises.

*** OR Any other Institute Identified by the DoLR/SLNA from time to time**

Livelihood Planning

We propose to bring meaningful participation of primary stakeholders, in the identification of livelihood options for different members in the project area. Particularly the landless/asset less, marginal community including SC and women. A community based action planning process involves Participatory Situation Analysis (PSA), preparation of inventory of existing livelihood activities, possibilities of extension of existing livelihood activities and its sustainability, identification of new livelihood options/income generation activities, formation of landless/asset less, marginal community including SC and women into new Self Help Groups (SHGs), capacity building /skill training requirement, generation of new ideas and planning of viable livelihood options, plan for disbursement of seed money/revolving fund, recovery plan of disbursed seed money, reinvestment plan of recovered amount of seed money, funding of major livelihood activities/ formation of federation, establishment of backward forward linkages, establishment of Public Private Partnership (PPP) Model.

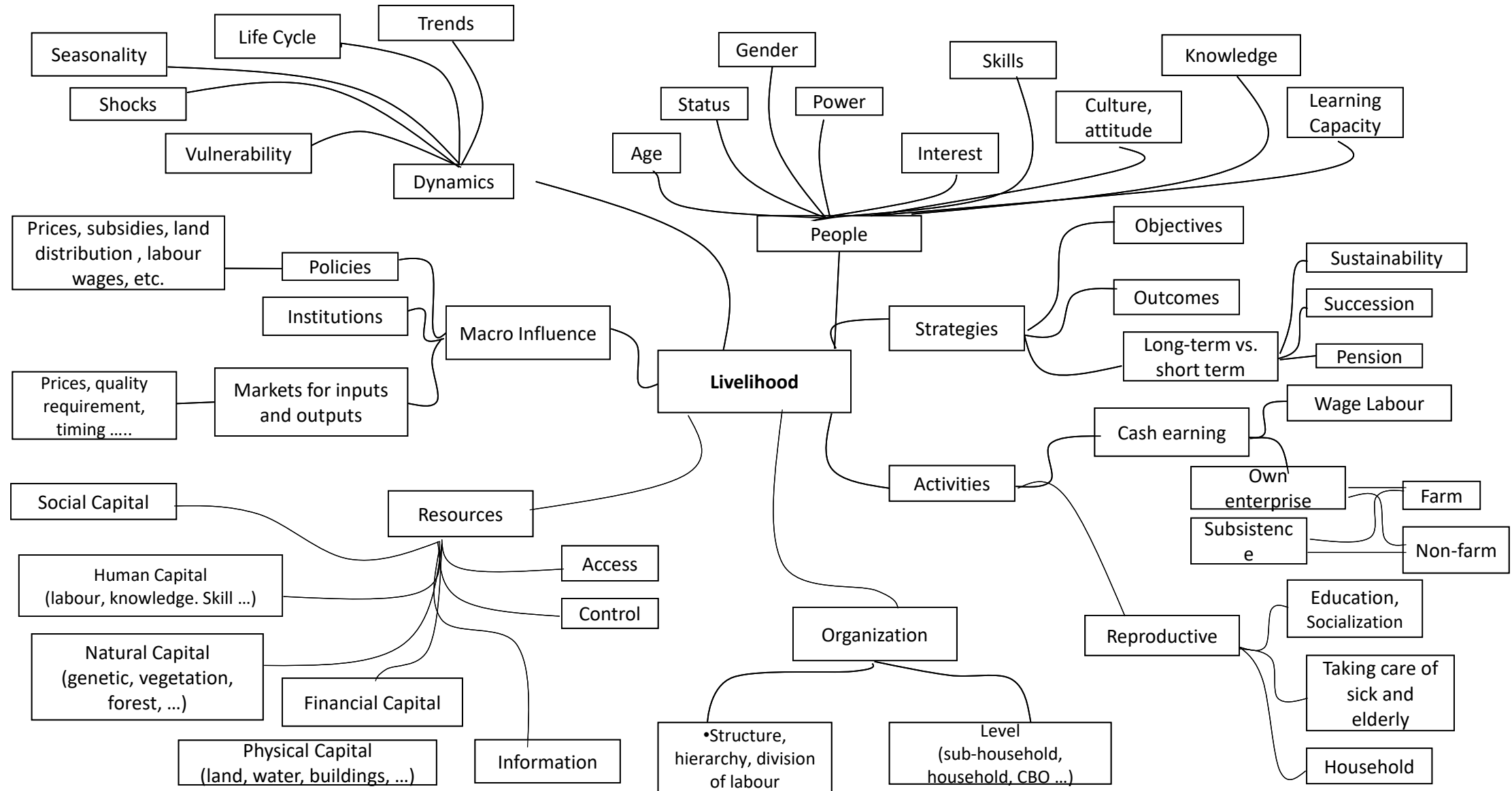




PSA Process Adopted

The most Important priority is to involve the people in the identification of target groups and their needs for livelihood options and preparing of micro-plans.

A CONCEPT MAP USED FOR LIVELIHOOD ANALYSIS IN THE PROJECT AREA



Eligibility for availing the funds under the Livelihood Component :-

- The beneficiaries should be marginalized communities, including SC, landless/assetless people, women, etc., among which preference will be given to women, specially female headed households, SCs, as identified under the wealth ranking conducted as a part of the PRA exercise.
- It may be ensured that the selected SHG does not have more than one member from a household.
- Priority may be given to women SHGs.

Budget, procedure of release and administration:-

- 9% of the total project fund i.e. Rs. **39.26** Lakhs is earmarked as the livelihood component for the benefit of marginalized communities, including SC, landless/assetless people, women, etc.
- This earmarked amount shall be taken out of the total project fund as a grant to WC in its bank account, which in turn will be used to provide financial assistance, (seed money for revolving fund to SHGs and a grant -n -aid for enterprising SHGs/ SHG federations to undertake major livelihood activities).

At least 70% of this livelihood fund i.e. Rs. **27.48** Lakhs will be used to support/seed money revolving fund for SHGs, including support to enterprising individuals, and a maximum of 30% i.e. Rs. **11.78** Lakhs for supporting grant-in-aid to enterprising SHGs/ SHG federations.

Seed Money for Revolving Fund:-

•Seed money for SHGs

- Each SHG shall make an application for financial assistance to the WC. WC in its regular meeting, will consider these applications and pass resolution regarding its approval of financial assistance to SHGs based on merit of the case. The representatives of applicant SHGs may also be present in such meetings of the WC. The resolution will clearly rank the approved cases, based on the priorities and preferences, so that the support may be extended to all the eligible SHGs in order of ranking.
- The initial amount up to Rs. 25,000 may be given as seed money to a SHG as the revolving fund after their proposed activity(s) has been approved by the WC in its meeting and included in the resolution.
- The SHGs will return the seed money on monthly basis and that could be reinvested in the same or other SHGs as per the resolution passed in meeting of WC. The amount and number of monthly installments may be decided by WC based on the type of activity, capacity of the group and their savings. The amount may be returned in a maximum of 18 months.
- The payment will be made by cheque after the respective SHG has opened a joint bank account with two signatories from the SHG members.

- The SHGs may use the amount for a combined activity and/ or shall provide the above amount to the concerned members as individual loan against a specific activity for improving income. In case of individual support under the SHGs, the individual will be accountable to the main SHGs for finances and performance.

- Seed money for Enterprising Individuals**

- The enterprising individual shall apply for financial assistance to the WC, along with a viable livelihood proposal. WC in its regular meeting, will consider such applications and recommend to WCDC, through PIA, the amount to be provided as seed money to such individual(s) as the revolving fund after their proposed activity(s) has been approved by the WC in its meeting and included in the resolution based on the merits of the case.

- The applicants may also be present in such meetings of the WC. The resolution will clearly rank the approved cases, based on the priorities and preferences, so that the support may be extended to all the eligible enterprising individuals in order of ranking.

- The WC may release financial assistance to these enterprising individuals after approval by WCDC. Such individuals will return the seed money on monthly basis and that could be reinvested further as per the resolution passed in meeting of WC. The amount and number of monthly installments may be decided by WC based on the type of activity and capacity of the individual. The amount may be returned in a maximum of 18 months.

- The payment will be made by account payee cheque in such individual cases.

- Funding for Major Livelihood activities for enterprising SHGs/ SHG federation:-**

- The funding for major livelihood activities will enable the enterprising SHGs/ SHG federations (with at least 5 enterprising SHGs) to avail a composite loan for undertaking major livelihood activities or to expand/upscale activities as recommended by the WC and approved by WCDC in consultation with line departments and bank.

- For such activities, a composite loan (grant in aid and bank loan) can be availed depending upon the type of activity. The grant-in-aid will be 50% of the cost of the activity or Rs. 2.00 lakh whichever is less. However, grant in aid shall not exceed 30% of the livelihood component (i.e. 9% of the total project cost) of the project.

- SLNA may issue detailed modalities for payment of grant-in-aid for funding major livelihood activities.

- Disbursement Plan of Seed Money :-**

Seed Money to the SHGs will be disbursed after fulfilling the following conditions –

- SHGs has been formed.
- Regular Meeting of the SHGs is being conducted.
- Regular saving is being made. Internal lending and its recovery is being made properly.
- Up-keep of record is being maintained. Account has been opened in the bank.

- Mandatory training has been organised for the SHGs.
- Required Skill Training has also been organised.
- Amount of Seed Money will be subject to maximum of 4 times of their up to date saving of the respective SHGs subject to the maximum limit of the Activity-wise limit of the seed money is given in Table of Unit Cost for LA activities. -

Recovery Plan of Seed Money :- Recovery of Seed Money will be made in maximum of 18 equal installments. We propose to give 03 months grace

Details of Recovery Plan of Seed Money Disbursed					
For the SHGs			For the Enterprising Individuals		
Duration (in months)	Grace Period for Recovery (in months)	Recovery Period (in months)	Duration (in months)	Grace Period for Recovery (in months)	Recovery Period (in months)
18	3	15	12	2	10

Reinvestment Plan of Seed Money :- Recovered amount of seed money may be reinvested to the same SHG or the new SHGs as the case may be. Reinvestment to the existing SHGs will be made subject to fulfilling the following conditions-

- Minimum 50% of the seed money has been recovered.
- Recovery of seed money has been made regularly without any default.
- Assessment has been about the improvement in livelihood status of SHGs.
- Willingness of SHGs to take more seed money to upscale/ expand their activity.
- Recovery of the reinvested amount of seed money to the same SHG will be made as per the above recovery plan of seed money.

Composition of committee for the sanction, disbursement and reinvestment of seed money- A 6-member Committee will be constituted under the

- | | | |
|---|---|---------------------|
| •President Watershed Committee (WC) | - | ex officio chairman |
| •Technical expert- WCDC | - | coordinator |
| •Nominated member of PIA | - | Member Secretary |
| •Representative of the respective Line Department | - | Member |
| •Lead bank manager | - | Member |
| •Krishi Vigyan Kendra (KVK) | - | Member |

Plan For Formation of Federation :- We propose to go for the formation of federation in the consolidation phase of the project and 30% of the livelihood component under the project cost i.e. 30% of the project cost or Rs. 11.78 Lakhs is earmarked for it.

Funding for Major Livelihood activities/Federation :-

- The funding for major livelihood activities will enable the enterprising SHGs/ SHG federations (with at least 5 enterprising SHGs) to avail a composite loan for undertaking major livelihood activities or to expand/upscale activities as recommended by the WC and approved by WCDC in consultation with line departments and bank.
- For such activities, a composite loan (grant in aid and bank loan) can be availed depending upon the type of activity. The grant -in-aid will be 50% of the cost of the activity or Rs. 2.00 Lakhs whichever is less. However, grant in aid shall not exceed 30% of the livelihood component (i.e. 9% of the total project cost) of the project. We proposed 20% margin money as SHG contribution for availing composite loan under funding for major livelihood activities for Enterprising SHGs/Federation of SHGs.

Capacity Building for Beneficiaries :-

- The capacity building needs of the marginalized communities, including SC, landless/assetless people, women, etc has be included in the livelihood action plan prepared after the livelihood analysis. The capacity building will be aim at skill enhancement and not just knowledge and information. The capacity building component should be planned by the livelihood expert of WDT/Livelihood agency in consultation with WC for making necessary budgetary provision on annual basis.
- The expenditure for the training for livelihood component will be met from 5% of the budget component of the project cost earmarked for institution and capacity building.
- It shall be mandatory to provide skill based training on the following components apart from the other training needs expressed by SHGs:
 - Book Keeping (cash book and ledger registers, preparing budget, maintenance of accounts etc.).
 - Minutes of meeting (proceedings) and follow up.
 - Exposure visits and discussions in the specialized areas of livestock, agriculture/horticulture, agro-forestry, fisheries and other watershed related income generating activities, micro-enterprises, micro-credit, etc.
 - Knowledge of market and pricing, value addition, alternate institutions including Farmers Production Companies etc.
 - Other related aspects.
 - Activity based Skill Training

Unit Cost for Various Proposed Activity Under Livelihood				Kachaura, IWMP-IV		District:- Hathras (Maharashtra)	
S.No.	Name Of Activity	Type of Activity	Unit Cost in Rs.	S.No.	Name Of Activity	Type of Activity	Unit Cost in Rs.
1	Poultry	SHGs	25000	1	Mini Village Shop	Individual	5000
2	Goatary	SHGs	25000	2	Diesel Engine Mechanic	Individual	10000
3	Cattle Rearing	SHGs	25000	3	Fabricator	Individual	10000
4	Vermi Compost	SHGs	10000	4	Masson	Individual	5000
5	Chiken Kadahai	SHGs	10000	5	Domestic Wiring	Individual	10000
6	Agarbati Making	SHGs	20000	6	Mobile Repairing	Individual	10000
7	Candle Making	SHGs	20000	7	Electric Appliances Mechanic	Individual	10000
8	Food Preservation	SHGs	20000	8	Hand Pump Mechanic	Individual	5000
9	Basket Making	SHGs	20000	9	Puncture Repair	Individual	5000
10	Paper Plate Making	SHGs	25000	10	Vermi Compost Unit	Individual	2000

Note:-

- 1 Above List of activities are Indicative. Need base changes could be made after due approval of respective Watershed Committee
- 2 Above Mention Unit cost is the maximum ceiling limit for seed money. But seed money will be released subject to availability of fund under respective year
- 3 Amount for grant-in-aid under funding for major Activities will carry forward as such the federation will be formed in consolidation Phase.
- 4 Amount for grant-in-aid under funding for major Activities for federation or Enterprising SHGs will be released as composite loan after due consent and approval of respective Bank.
- 5 No. of Federation proposed to be formed and project cost including contribution of SHGs/Federation of SHGs, grant-in-aid and Bank Loan are shown in AT-a-Glance Table.

Annual Action Plan (AAP) At a Glance For Seed Money Distribution to SHGs/Individuals and Grant-in-aid Under													
Livelihood Component of Project Area Under				Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)		Phy.in : Nos. and Fin. : in Lakhs				
S. No.	Name of WC	Project Area in ha.	Proposed Amount	Details of Seed Money Distribution					Grant-in aid under Funding for major activities				
				Total Amount	Seed Money for SHGs	Nos. of SHGs for Seed Money	Seed Money For Individuals	Nos. of Individuals	Fedration	Project Cost	Contribution of SHGs/Fed.	Grant in-aid @ Rs. 50% or Rs. 2.00 Lakhs/Fed. whichever is less	Bank Loan
1	Agsauli	1131	12.2148	8.5504	7.6953	33	0.8550	4	2	7.329	1.466	3.664	2.199
2	Bargawan	92	0.9936	0.6955	0.6260	4	0.0696	1	1	0.596	0.119	0.298	0.179
3	Bartar Khas	543	5.8644	4.1051	3.6946	17	0.4105	4	1	3.519	0.704	1.759	1.056
4	Birawar	202	2.1816	1.5271	1.3744	7	0.1527	3	1	1.309	0.262	0.654	0.393
5	Ganthari Shahpur	258	2.7864	1.9505	1.7554	8	0.1950	4	1	1.672	0.334	0.836	0.502
6	Kachaura	797	8.6076	6.0253	5.4228	25	0.6025	4	1	5.165	1.033	2.582	1.549
7	Nauratha Isapur	397	4.2876	3.0013	2.7012	14	0.3001	4	1	2.573	0.515	1.286	0.772
8	Rampur Nagla Chatol	159	1.7172	1.2020	1.0818	7	0.1202	3	1	1.030	0.206	0.515	0.309
9	Tikari Kalan	56	0.6048	0.4234	0.3810	4	0.0423	0	1	0.363	0.073	0.181	0.109
Total :		3635.00	39.2580	27.4806	24.7325	119	2.7481	27	10	23.555	4.711	11.777	7.066

Annual Action Plan (AAP) IInd Year For Seed Money Distribution to SHGs/Individuals and Grant-in-aid Under Livelihood Component of Project Area Under Kachaura, IWMP-IV District- Hathras Pny.in : Nos. and Fin. : in Lakhs											
S. No.	Name of WC	Project Area in ha.	Proposed Amount	Details of Seed Money Distribution (Amount in Lacs)					Grant-in aid under Funding for major		
				Total Amount	Seed Money for SHGs	Nos. of SHGs for Seed Money	Seed Money For Individuals	Nos. of Individuals	Project Cost	Grant in-aid @ Rs. 50% or Rs. 2.00 Lakhs whichever is less	Bank Loan
1	Agsauli	1131	1.3572	0.9500	0.8550	4	0.0950	1		0.4072	
2	Bargawan	92	0.1104	0.0773	0.0696	1	0.0077	0		0.0331	
3	Bartar Khas	543	0.6516	0.4561	0.4105	2	0.0456	1		0.1955	
4	Birawar	202	0.2424	0.1697	0.1527	1	0.0170	0		0.0727	
5	Ganthari Shahpur	258	0.3096	0.2167	0.1950	1	0.0217	1		0.0929	
6	Kachaura	797	0.9564	0.6695	0.6025	3	0.0669	1		0.2869	
7	Nauratha Isapur	397	0.4764	0.3335	0.3001	2	0.0333	1		0.1429	
8	Rampur Nagla Chatol	159	0.1908	0.1336	0.1202	1	0.0134	0		0.0572	
9	Tikari Kalan	56	0.0672	0.0470	0.0423	1	0.0047	0		0.0202	
Total :		3635	4.3620	3.0534	2.7481	16	0.3053	5		1.3086	

Note

Annual Action Plan (AAP) IIIrd Year For Seed Money Distribution to SHGs/Individuals and Grant-in-aid Under Livelihood Component of Project Area Under Kachaura, IWMP-IV District- Hathras Pny.in : Nos. and Fin. : in Lakhs											
S. No.	Name of WC	Project Area in ha.	Proposed Amount	Details of Seed Money Distribution (Amount in Lacs)					Grant-in aid under Funding for major		
				Total Amount	Seed Money for SHGs	Nos. of SHGs for Seed Money	Seed Money For Individuals	Nos. of Individuals	Project Cost	Grant in-aid @ Rs. 50% or Rs. 2.00 Lakhs whichever is less	Bank Loan
1	Agsauli	1131	3.3930	2.3751	2.1376	9	0.2375	1		1.0179	
2	Bargawan	92	0.2760	0.1932	0.1739	1	0.0193	0		0.0828	
3	Bartar Khas	543	1.6290	1.1403	1.0263	5	0.1140	1		0.4887	
4	Birawar	202	0.6060	0.4242	0.3818	2	0.0424	1		0.1818	
5	Ganthari Shahpur	258	0.7740	0.5418	0.4876	2	0.0542	1		0.2322	
6	Kachaura	797	2.3910	1.6737	1.5063	7	0.1674	1		0.7173	
7	Nauratha Isapur	397	1.1910	0.8337	0.7503	4	0.0834	1		0.3573	
8	Rampur Nagla Chatol	159	0.4770	0.3339	0.3005	2	0.0334	1		0.1431	
9	Tikari Kalan	56	0.1680	0.1176	0.1058	1	0.0118	0		0.0504	
Total :		3635.00	10.9050	7.6335	6.8702	33	0.7634	7	0	3.2715	0

Annual Action Plan (AAP) IVth Year For Seed Money Distribution to SHGs/Individuals and Grant-in-aid Under Livelihood Component of Project Area Under Kachaura, IWMP-IV District- Hathras Pny.in : Nos. and Fin. : in Lakhs											
S. No.	Name of WC	Project Area in ha.	Proposed Amount	Details of Seed Money Distribution (Amount in Lacs)					Grant-in aid under Funding for major		
				Total Amount	Seed Money for SHGs	Nos. of SHGs for Seed Money	Seed Money For Individuals	Nos. of Individuals	Project Cost	Grant in-aid @ Rs. 50% or Rs. 2.00 Lakhs whichever is less	Bank Loan
1	Agsauli	1131	3.3930	2.3751	2.1376	9	0.2375	1		1.0179	
2	Bargawan	92	0.2760	0.1932	0.1739	1	0.0193	0		0.0828	
3	Bartar Khas	543	1.6290	1.1403	1.0263	5	0.1140	1		0.4887	
4	Birawar	202	0.6060	0.4242	0.3818	2	0.0424	1		0.1818	
5	Ganthari Shahpur	258	0.7740	0.5418	0.4876	2	0.0542	1		0.2322	
6	Kachaura	797	2.3910	1.6737	1.5063	7	0.1674	1		0.7173	
7	Nauratha Isapur	397	1.1910	0.8337	0.7503	4	0.0834	1		0.3573	
8	Rampur Nagla Chatol	159	0.4770	0.3339	0.3005	2	0.0334	1		0.1431	
9	Tikari Kalan	56	0.1680	0.1176	0.1058	1	0.0118	0		0.0504	
Total :		3635.00	10.905	7.634	6.870	33	0.763	7	0	3.272	

Annual Action Plan (AAP) Vth Year For Seed Money Distribution to SHGs/Individuals and Grant-in-aid Under Livelihood Component of Project Area Under Kachaura, IWMP-IV District- Hathras Pny.in : Nos. and Fin. : in Lakhs											
S. No.	Name of WC	Project Area in ha.	Proposed Amount	Details of Seed Money Distribution (Amount in Lacs)					Grant-in aid under Funding for major		
				Total Amount	Seed Money for SHGs	Nos. of SHGs for Seed Money	Seed Money For Individuals	Nos. of Individuals	Project Cost	Grant in-aid @ Rs. 50% or Rs. 2.00 Lakhs whichever is less	Bank Loan
1	Agsauli	1131	4.0716	2.8501	2.5651	11	0.2850	1		1.2215	
2	Bargawan	92	0.3312	0.2318	0.2087	1	0.0232	1		0.0994	
3	Bartar Khas	543	1.9548	1.3684	1.2315	5	0.1368	1		0.5864	
4	Birawar	202	0.7272	0.5090	0.4581	2	0.0509	1		0.2182	
5	Ganthari Shahpur	258	0.9288	0.6502	0.5851	3	0.0650	1		0.2786	
6	Kachaura	797	2.8692	2.0084	1.8076	8	0.2008	1		0.8608	
7	Nauratha Isapur	397	1.4292	1.0004	0.9004	4	0.1000	1		0.4288	
8	Rampur Nagla Chatol	159	0.5724	0.4007	0.3606	2	0.0401	1		0.1717	
9	Tikari Kalan	56	0.2016	0.1411	0.1270	1	0.0141	0		0.0605	
Total :		3635.00	13.0860	9.1602	8.2442	37	0.9160	8	0	3.9258	0

Capacity Building Plan Under Livelihood Component of		Kachaura, IWMP-IV	District-	Hathras (Mahamaya Nagar)
S. No.	Details of Programme	Preparatory phase (1st to IIInd Year)	work phase (IIInd to IVth year)	Consolidation and withdrawal plan (Vth year)
	For SHGs			
1	Basic Orientation Programme	√		
i	Social Mobilization Programme	√		
ii	Identification of IGA and institutional arrangements for income generation activities, co-ordination and linkages	√		
iii	Mandatory training for SHGs	√		
iv	Gender Sensitization, equity, benefit sharing	√		
v	Exposure Visits	√		
2	Procedure and Management of Seed Money		√	√
3	EDP Training		√	√
4	Skill Training for Identified Activities of SHGs			√
5	Formation of Federation and its working and linkages			√
6	Management of Composite Loan and Grant-in-aid			√
7	PPP Model			√
8	Consolidation and Withdrawal Plan			√

Note: Financial Aspects for Implementing the above plan will be met under the component of Institutional & Capacity Building Plan at SHGs Level

Unit COST UNDER PSME in Rs. Lakhs/Unit											
S. No.	Particulars	Unit in ha/No.	Unit Cost in Lacs	Unit Size	No. of Farmer/ha/No.	S. No.	Particulars	Unit in ha/No.	Unit Cost in Lacs	Unit Size	No. of Farmer/ha/No.
1	Crop Demonstration					13	Distribution of Agriculture Equipments				
1.1	Perl Millets	ha	0.080	0.25	4	13.1	Chaff Cutter	No.	0.06	1	5
1.2	Pulses -Urd/Moong/ Arhar	ha	0.120	0.25	4	13.2	Sprayer	No.	0.03	1	5
1.3	Oil Seeds	ha	0.120	0.25	4	13.3	Broadcaster	No.	0.015	1	5
1.4	SRI	ha	0.100	0.25	4	13.4	Drum Seeder	No.	0.08	1	5
1.5	SWI	ha	0.100	0.25	4	13.5	Cono Weeded	No.	0.014	1	5
2	Vegetables					13.6	Seed Treatment Drum	No.	0.02	1	5
2.1	Tomato/Brinjal/Okra/Shimla Mirch	ha	0.240	0.1	10	13.7	Irrigation Pipe	No.	0.04	1	5
2.2	Cauliflower/ Cabbage	ha	0.240	0.1	10	13.8	Portable Pump for Lift Irrigation	No.	0.24	1	5
2.3	Cucurbits	ha	0.120	0.1	10	14	Micro-enterprises				
2.4	Shakbhaji	ha	0.100	0.1	10	14.1	Mushroom Cultivation	No.	0.24	1	1
3	Spices					14.2	Apiculture	No.	0.24	1	1
3.1	Garlic/ Ginger/ Turmeric	ha	0.240	0.1	10	14.3	Fruit Preservation	No.	0.24	1	1
3.2	Coriander/ Methi/ Saunf/ Kalaunji	ha	0.120	0.1	10	14.4	Poultry	No.	0.2	1	1
3.3	Chilly	ha	0.200	0.1	10	14.5	Goatary	No.	0.2	1	1
4	Floriculture					14.6	Dairy Product	No.	0.24	1	5
4.1	Marry Gold	ha	0.240	0.1	10	14.7	Mini Dal Mill	No.	0.2	1	5
4.2	Deshi Gulab	ha	0.240	0.1	10	14.8	Daliya Making Machine	No.	0.2	1	5
5	Agro-forestry	ha	0.100	0.25	4	14.9	Grain Cleaner Cum Grader	No.	0.2	1	5
6	Distribution of Various Kit					14.10	Floor Separator	No.	0.24	1	5
6.1	IPM Kit	No.	0.020	1	1	14.11	Portable Charring Kiln	No.	0.08	1	5
6.2	Seed Kit	No.	0.005	1	1	14.12	UMMB Block	No.	0.10	1	5
6.3	Vegetable Kit	No.	0.002	1	1						
6.4	Fodder Kit	No.	0.005	1	1						
7	Fisheries	No.	0.100	1	1						
8	Singhade Ki Kheti	No.	0.050	1	1						
9	Plastic Tray Nursery	No.	0.050	1	1						
10	Low Tunnel House	No.	0.020	1	1						
11	Animal Health Camps	No.	0.100	1	60						
12	Distribution of Buck	No.	0.050	1	75						

ANNUAL ACTION PLAN AT A GLANCE OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Kachaura, IWMP-				District-		Hathras (Mahamaya Nagar)					
S. No.	Particulars	Unit in ha/No.	Unit Cost in Lakhs	1st Year		2nd Year		3rd Year		4th Year		5th Year		TOTAL							
				Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy in ha	No. of Farmer	Phy in No.	No. of Farmer	Total Farmers	Fin		
1	Crop Demonstration																				
1.1	Perl Millets	ha	0.080			4.50	0.36	6.50	0.52	0.00	0.00	0.00	0.00	11.00	44			44	0.880		
1.2	Pulses -Urd/Moong/ Arhar	ha	0.120			7.00	0.84	13.25	1.59	0.00	0.00	0.00	0.00	20.25	81			81	2.430		
1.3	Oil Seeds	ha	0.120			9.25	1.11	10.25	1.23	0.00	0.00	0.00	0.00	19.50	78			78	2.340		
1.4	SRI	ha	0.100			3.00	0.30	4.50	0.45	0.00	0.00	0.00	0.00	7.50	30			30	0.750		
1.5	SWI	ha	0.100			3.00	0.30	4.50	0.45	0.00	0.00	0.00	0.00	7.50	30			30	0.750		
2	Vegetables																				
2.1	Tomato/Brinjal/Okra/Shimla Mirch	ha	0.240			0.00	0.00	2.50	0.60	0.00	0.00	0.00	0.00	2.50	25			25	0.600		
2.2	Cauliflower/ Cabbage	ha	0.240			0.00	0.00	2.50	0.60	0.00	0.00	0.00	0.00	2.50	25			25	0.600		
	Cucurbits	ha	0.120			0.00	0.00	2.50	0.30	0.00	0.00	0.00	0.00	2.50	25			25	0.300		
	Shakbhaji	ha	0.100			0.00	0.00	2.50	0.25	0.00	0.00	0.00	0.00	2.50	25			25	0.250		
	Spices																				
	Garlic/ Ginger/ Turmeric	ha	0.240			0.00	0.00	2.50	0.60	0.00	0.00	0.00	0.00	2.50	25			25	0.600		
	Coriander/ Methi/ Saunf/ Kalaunji	ha	0.120			0.00	0.00	2.50	0.30	0.00	0.00	0.00	0.00	2.50	25			25	0.300		
	Chilly	ha	0.200			0.00	0.00	2.50	0.50	0.00	0.00	0.00	0.00	2.50	25			25	0.500		
	Floriculture	ha	0.000																		
	Marry Gold	ha	0.240			0.00	0.00	2.00	0.48	0.00	0.00	0.00	0.00	2.00	20			20	0.480		
	Deshi Gulab	ha	0.240			0.00	0.00	2.00	0.48	0.00	0.00	0.00	0.00	2.00	20			20	0.480		
	Agro-forestry	ha	0.100			0.00	0.00	6.00	0.60	0.00	0.00	0.00	0.00	6.00	24			24	0.600		
	Distribution of Various Kit																				
	IPM Kit	No.	0.020			11	0.22	11	0.22	8	0.16	6	0.12					36	36	36	0.720
	Seed Kit	No.	0.005			54	0.27	62	0.31	58	0.29	54	0.27					228	228	228	1.140
	Vegetable Kit	No.	0.002			31	0.06	70	0.14	68	0.14	54	0.11					223	223	223	0.446
	Fodder Kit	No.	0.005			40	0.20	37	0.19	35	0.18	34	0.17					146	146	146	0.730
	Fisheries	No.	0.100			0	0.00	0	0.00	0	0.00	0	0.00					0	0	0	0.000
	Singhade Ki Kheti	No.	0.050			0	0.00	0	0.00	0	0.00	0	0.00					0	0	0	0.000
9	Plastic Tray Nursery	No.	0.050			0	0.00	0	0.00	10	0.50	0	0.00					10	10	10	0.500
10	Low Tunnel House	No.	0.020			0	0.00	0	0.00	13	0.26	0	0.00					13	13	13	0.260
11	Animal Health Camps	No.	0.100			7	0.70	11	1.10	11	1.10	10	1.00					39	2340	2340	3.900
12	Distribution of Buck	No.	0.050			0	0.00	0	0.00	0	0.00	0	0.00					0	0	0	0.000
13	Distribution of Agriculture Equipments																				
13.1	Chaff Cutter	No.	0.060			0	0.00	0	0.00	30	1.80	0	0.00					30	150	150	1.800

ANNUAL ACTION PLAN AT A GLANCE OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Kachaura, IWMP-			District-		Hathras (Mahamaya Nagar)				
S. No.	Particulars	Unit in ha/No.	Unit Cost in Lakhs	1st Year		2nd Year		3rd Year		4th Year		5th Year		TOTAL Fin. In Lakhs					
				Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy in ha	No. of Farmer	Phy in No.	No. of Farmer	Total Farmers	Fin
13.2	Sprayer	No.	0.030			0	0.00	0	0.00	42	1.26	0	0.00			42	210	210	1.260
13.3	Broadcaster	No.	0.015			0	0.00	0	0.00	22	0.33	0	0.00			22	110	110	0.330
13.4	Drum Seeder	No.	0.080			0	0.00	0	0.00	9	0.72	0	0.00			9	45	45	0.720
13.5	Cono Weeded	No.	0.014			0	0.00	0	0.00	21	0.29	0	0.00			21	105	105	0.294
13.6	Seed Treatment Drum	No.	0.020			0	0.00	0	0.00	16	0.32	0	0.00			16	80	80	0.320
13.7	Irrigation Pipe	No.	0.040			0	0.00	0	0.00	23	0.92	0	0.00			23	115	115	0.920
13.8	Portable Pump for Lift Irrigation	No.	0.240			0	0.00	0	0.00	11	2.64	0	0.00			11	55	55	2.640
14	Micro-enterprises																		
14.1	Mushroom Cultivation	No.	0.240			0	0.00	0	0.00	0	0.00	3	0.72			3	3	3	0.720
14.2	Apiculture	No.	0.240			0	0.00	0	0.00	0	0.00	3	0.72			3	3	3	0.720
14.3	Fruit Preservation	No.	0.240			0	0.00	0	0.00	0	0.00	7	1.68			7	7	7	1.680
14.4	Poultry	No.	0.200			0	0.00	0	0.00	0	0.00	9	1.80			9	9	9	1.800
14.5	Goatary	No.	0.200			0	0.00	0	0.00	0	0.00	18	3.60			18	18	18	3.600
14.6	Dairy Product	No.	0.240			0	0.00	0	0.00	0	0.00	4	0.96			4	20	20	0.960
14.7	Mini Dal Mill	No.	0.200			0	0.00	0	0.00	0	0.00	6	1.20			6	30	30	1.200
14.8	Daliya Making Machine	No.	0.200			0	0.00	0	0.00	0	0.00	6	1.20			6	30	30	1.200
14.9	Grain Cleaner Cum Grader	No.	0.200			0	0.00	0	0.00	0	0.00	7	1.40			7	35	35	1.400
14.1	Floor Separator	No.	0.240			0	0.00	0	0.00	0	0.00	7	1.68			7	35	35	1.680
14.11	Portable Charring Kiln	No.	0.080			0	0.00	0	0.00	0	0.00	9	0.72			9	45	45	0.720
14.12	UMMB Block	No.	0.100			0	0.00	0	0.00	0	0.00	1	0.10			1	5	5	0.100
	Total						4.362		10.905		10.91		17.448	93.25	502	949	4106	4608	43.620

At A Glance				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Kachaura, IWMP-IV	District-	Hathras (Mahamaya Nagar)					
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Crop Demonstration										Vegetables							
				Perl Millets		Pulses - Urd/Moong/Arhar		Oil Seeds		SRI		SWI		Tomato/Brinjal/Okra/Shimla Mirch		Cauliflower/Cabbage		Cucurbits		Shakbhaji	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Agsauli	1131	13.572	2.25	0.18	5.00	0.60	5.00	0.60	3.00	0.30	3.00	0.30	1.00	0.24	1.00	0.24	1.00	0.12	1.00	0.10
2	Bargawan	92	1.104	0.50	0.04	0.50	0.06	1.75	0.21	0.00	0.00	0.00	0.00	0.20	0.05	0.20	0.05	0.20	0.02	0.20	0.02
3	Bartar Khas	543	6.516	0.00	0.00	0.50	0.06	0.50	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Birawar	202	2.424	1.50	0.12	2.25	0.27	2.00	0.24	1.50	0.15	1.50	0.15	0.30	0.07	0.30	0.07	0.30	0.04	0.30	0.03
5	Ganthari Shahpur	258	3.096	1.50	0.12	2.00	0.24	2.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Kachaura	797	9.564	1.50	0.12	2.50	0.30	2.25	0.27	0.00	0.00	0.00	0.00	0.20	0.05	0.20	0.05	0.20	0.02	0.20	0.02
7	Nauratha Isapur	397	4.764	2.25	0.18	5.00	0.60	3.50	0.42	2.50	0.25	2.50	0.25	0.50	0.12	0.50	0.12	0.50	0.06	0.50	0.05
8	Rampur Nagla Chatol	159	1.908	1.00	0.08	1.75	0.21	1.50	0.18	0.50	0.05	0.50	0.05	0.30	0.07	0.30	0.07	0.30	0.04	0.30	0.03
9	Tikari Kalan	56	0.672	0.50	0.04	0.75	0.09	1.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL :		3635	43.6200	11.00	0.88	20.25	2.43	19.50	2.34	7.50	0.75	7.50	0.75	2.50	0.60	2.50	0.60	2.50	0.30	2.50	0.25

* Please Refer Unit Cost Table for Actual Value.

At A Glance				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER												Kachaura, IWMP-IV				District-		Hathras (Mahamaya Nagar)							
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Spices						Floriculture				Agro-forestry		IPM Kit		Seed Kit		Vegetable Kit		Fodder Kit		Fisheries		Singhade Ki Kheti			
				Garlic/ Ginger/ Turmeric		Coriander/ Methi/ Saunf/ Kalaunji		Chilly		Marry Gold		Deshi Gulab		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin																
1	Agsauli	1131	13.572	1.00	0.24	1.00	0.12	1.00	0.20	0.50	0.12	0.50	0.12	2.00	0.20	12.00	0.24	53.00	0.27	44.00	0.09	38.00	0.19	0.00	0.00	0.00	0.00		
2	Bargawan	92	1.104	0.20	0.05	0.20	0.02	0.20	0.04	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.02	15.00	0.08	19.00	0.04	9.00	0.05	0.00	0.00	0.00	0.00		
3	Bartar Khas	543	6.516	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.02	16.00	0.08	19.00	0.04	9.00	0.05	0.00	0.00	0.00	0.00		
4	Birawar	202	2.424	0.30	0.07	0.30	0.04	0.30	0.06	0.50	0.12	0.50	0.12	1.00	0.10	4.00	0.08	31.00	0.16	22.00	0.04	18.00	0.09	0.00	0.00	0.00	0.00		
5	Ganthari Shahpur	258	3.096	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.04	19.00	0.10	17.00	0.03	12.00	0.06	0.00	0.00	0.00	0.00		
6	Kachaura	797	9.564	0.20	0.05	0.20	0.02	0.20	0.04	0.00	0.00	0.00	0.00	0.00	0.00	4.00	0.08	26.00	0.13	28.00	0.06	16.00	0.08	0.00	0.00	0.00	0.00		
7	Nauratha Isapur	397	4.764	0.50	0.12	0.50	0.06	0.50	0.10	0.50	0.12	0.50	0.12	2.00	0.20	7.00	0.14	29.00	0.15	27.00	0.05	19.00	0.10	0.00	0.00	0.00	0.00		
8	Rampur Nagla Chatol	159	1.908	0.30	0.07	0.30	0.04	0.30	0.06	0.50	0.12	0.50	0.12	1.00	0.10	4.00	0.08	18.00	0.09	24.00	0.05	13.00	0.07	0.00	0.00	0.00	0.00		
9	Tikari Kalan	56	0.672	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.02	21.00	0.11	23.00	0.05	12.00	0.06	0.00	0.00	0.00	0.00		
TOTAL :		3635	43.6200	2.50	0.60	2.50	0.30	2.50	0.50	2.00	0.48	2.00	0.48	6.00	0.60	36	0.72	228	1.14	223	0.45	146	0.73	0	0.00	0	0.00		

* Please Refer Unit Cost Table for Actual Value.

At A Glance				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																		Kachaura, IWMP-IV				District-		Hathras (Mahamaya Nagar)	
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Plastic Tray Nursery		Low Tunnel House		Animal Health Camps		Distribution of Buck		Mini Agriculture Equipments																	
												Chaff Cutter		Sprayer		Broadcaster		Drum Seeder		Cono Weeder		Seed Treatment Drum		Irrigation Pipe		Portable Pump for Lift Irrigation		Mushroom Cultivation	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Agsauli	1131	13.572	2.00	0.10	5.00	0.10	8.00	0.80	0.00	0.00	####	0.72	####	0.51	7.00	0.11	4.00	0.32	5.00	0.07	5.00	0.10	5.00	0.20	3.00	0.72	1.00	0.24
2	Bargawan	92	1.104	1.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.12	4.00	0.12	2.00	0.03	0.00	0.00	2.00	0.03	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
3	Bartar Khas	543	6.516	0.00	0.00	0.00	0.00	2.00	0.20	0.00	0.00	0.00	0.00	1.00	0.03	1.00	0.02	0.00	0.00	0.00	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	
4	Birawar	202	2.424	1.00	0.05	3.00	0.06	8.00	0.80	0.00	0.00	4.00	0.24	4.00	0.12	3.00	0.05	1.00	0.08	2.00	0.03	2.00	0.04	4.00	0.16	2.00	0.48	1.00	0.24
5	Ganthari Shahpur	258	3.096	1.00	0.05	0.00	0.00	2.00	0.20	0.00	0.00	2.00	0.12	3.00	0.09	1.00	0.02	0.00	0.00	2.00	0.03	1.00	0.02	2.00	0.08	0.00	0.00	0.00	0.00
6	Kachaura	797	9.564	1.00	0.05	1.00	0.02	4.00	0.40	0.00	0.00	4.00	0.24	3.00	0.09	2.00	0.03	1.00	0.08	3.00	0.04	2.00	0.04	2.00	0.08	0.00	0.00	0.00	0.00
7	Nauratha Isapur	397	4.764	2.00	0.10	2.00	0.04	8.00	0.80	0.00	0.00	4.00	0.24	7.00	0.21	4.00	0.06	2.00	0.16	5.00	0.07	3.00	0.06	6.00	0.24	4.00	0.96	1.00	0.24
8	Rampur Nagla Chatol	159	1.908	1.00	0.05	2.00	0.04	7.00	0.70	0.00	0.00	1.00	0.06	1.00	0.03	1.00	0.02	1.00	0.08	1.00	0.01	1.00	0.02	4.00	0.16	2.00	0.48	0.00	0.00
9	Tikari Kalan	56	0.672	1.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.06	2.00	0.06	1.00	0.02	0.00	0.00	1.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL :		3635	43.6200	10	0.50	13	0.26	39	3.90	0	0.00	30	1.80	42	1.26	22	0.33	9	0.72	21	0.29	16	0.32	23	0.92	11	2.64	3	0.72

* Please Refer Unit Cost Table for Actual Value.

At A Glance				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Kachaura, IWMP-IV				District-		Hathras (Mahamaya Nagar)							
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Micro-enterprises																								TOTAL					
				Apiculture		Fruit Preservation		Poultry		Goatary		Dairy Product		Mini Dal Mill		Daiya Making Machine		Grain Cleaner Cum Grader		Floor Separator		Portable Charring Kiln		UMMB Block									
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy in ha	No. of Farmer	Phy in No.	No. of Farmer	Total Farmers	Fin in Lacs
1	Agsauli	1131	13.572	1.00	0.24	2.00	0.48	2.00	0.40	5.00	1.00	2.00	0.48	2.00	0.40	2.00	0.40	3.00	0.60	2.00	0.48	2.00	0.16	1.00	0.10	28.25	161	245	1013	1174	13.188		
2	Bargawan	92	1.104	0.00	0.00	0.00	0.00	1.00	0.20	2.00	0.40	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	4.15	25	60	48	73	1.788		
3	Bartar Khas	543	6.516	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.20	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	1.00	4	51	48	52	0.768		
4	Birawar	202	2.424	1.00	0.24	1.00	0.24	1.00	0.20	2.00	0.40	0.00	0.00	1.00	0.20	1.00	0.20	1.00	0.20	1.00	0.24	1.00	0.08	0.00	0.00	12.85	70	120	93	163	6.360		
5	Ganthari Shahpur	258	3.096	0.00	0.00	0.00	0.00	1.00	0.20	2.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.24	1.00	0.08	0.00	0.00	5.50	22	69	56	78	2.352		
6	Kachaura	797	9.564	0.00	0.00	1.00	0.24	1.00	0.20	1.00	0.20	0.00	0.00	1.00	0.20	1.00	0.20	0.00	0.00	0.00	0.00	1.00	0.08	0.00	0.00	7.65	39	103	83	122	3.480		
7	Nauratha Isapur	397	4.764	1.00	0.24	2.00	0.48	2.00	0.40	2.00	0.40	2.00	0.48	1.00	0.20	1.00	0.20	2.00	0.40	2.00	0.48	1.00	0.08	0.00	0.00	22.25	116	146	102	218	9.744		
8	Rampur Nagla Chatol	159	1.908	0.00	0.00	1.00	0.24	1.00	0.20	2.00	0.40	0.00	0.00	1.00	0.20	1.00	0.20	1.00	0.20	1.00	0.24	1.00	0.08	0.00	0.00	9.35	56	90	73	129	4.980		
9	Tikari Kalan	56	0.672	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.08	0.00	0.00	2.25	9	65	59	68	0.960		
TOTAL :		3635	43.6200	3	0.72	7	1.68	9	1.80	18	3.60	4	0.96	6	1.20	6	1.20	7	1.40	7	1.68	9	0.72	1	0.10	93.25	502	949	1575	2077	43.620		

* Please Refer Unit Cost Table for Actual Value.

IInd Year (Phy. In ha & No.)				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Kachaura, IWMP-IV		District-		Ratnras (Mahamaya Nagar)			
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Crop Demonstration										Vegetables							
				Pearl Millets		Pulses - Urd/Moong/Arhar		Oil Seeds		SRI		SWI		Tomato/Brinjal/Okra/Shimla Mirch		Cauliflower/Cabbage		Cucurbits		Shakbhaji	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Agsauli	1131	1.357	1.25	0.10	2.00	0.24	2.00	0.24	1.00	0.10	1.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Bargawan	92	0.110	0.00	0.00	0.00	0.00	1.25	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Bartar Khas	543	0.652	0.00	0.00	0.00	0.00	0.50	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Birawar	202	0.242	0.50	0.04	1.00	0.12	1.00	0.12	0.50	0.05	0.50	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Ganthari Shahpur	258	0.310	0.50	0.04	0.75	0.09	0.75	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Kachaura	797	0.956	0.50	0.04	1.00	0.12	1.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Nauratha Isapur	397	0.476	1.25	0.10	1.50	0.18	1.50	0.18	1.00	0.10	1.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Rampur Nagla Chato	159	0.191	0.50	0.04	0.75	0.09	0.75	0.09	0.50	0.05	0.50	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Tikari Kalan	56	0.067	0.00	0.00	0.00	0.00	0.50	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL :		3635	4.3620	4.50	0.36	7.00	0.84	9.25	1.11	3.00	0.30	3.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

* Please Refer Unit Cost Table for Actual Value.

IInd Year (Phy. In ha & No.)				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Kachaura, IWMP-IV				District-		Hamras (Mahamaya Nagar)			
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Spices						Floriculture				Agro-forestry		IPM Kit		Seed Kit		Vegetable Kit		Fodder Kit		Fisheries		Singhade Ki Khet	
				Garlic/Ginger/Turmeric		Coriander/Methi/Saunf/Kalaunji		Chilly		Marry Gold		Deshi Gulab															
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Agsauli	1131	1.357	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	0.10	23	0.115	12	0.024	20	0.100	0	0.000	0	0.000
2	Bargawan	92	0.110	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	0.00	3	0.015	2	0.004	2	0.010	0	0.000	0	0.000
3	Bartar Khas	543	0.652	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	0.00	2	0.010	1	0.002	1	0.005	0	0.000	0	0.000
4	Birawar	202	0.242	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	0.00	6	0.030	3	0.006	4	0.020	0	0.000	0	0.000
5	Ganthari Shahpur	258	0.310	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	0.00	1	0.005	0	0.000	2	0.010	0	0.000	0	0.000
6	Kachaura	797	0.956	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.02	5	0.025	4	0.008	3	0.015	0	0.000	0	0.000
7	Nauratha Isapur	397	0.476	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	0.06	6	0.030	2	0.004	4	0.020	0	0.000	0	0.000
8	Rampur Nagla Chato	159	0.191	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2	0.04	4	0.020	4	0.008	2	0.010	0	0.000	0	0.000
9	Tikari Kalan	56	0.067	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	0.00	4	0.020	3	0.006	2	0.010	0	0.000	0	0.000
TOTAL :		3635	4.3620	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11	0.220	54	0.270	31	0.062	40	0.200	0	0.000	0	0.000

* Please Refer Unit Cost Table for Actual Value.

IInd Year (Phy. In ha & No.)				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Kachaura, IWMP-IV				District-		Nainitas (Mahamaya Nagar)									
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Plastic Tray Nursery		Low Tunnel House		Animal Health Camps		Distribution of Buck		Mini Agriculture Equipments																							
				Chaff Cutter		Sprayer		Broadcaster		Drum Seeder		Cono Weeder		Seed Treatment Drum		Irrigation Pipe		Portable Pump for Lift Irrigation		Mushroom Cultivation															
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin				
1	Agsauli	1131	1.357	0	0.000	0	0.000	2	0.200	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
2	Bargawan	92	0.110	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00		
3	Bartar Khas	543	0.652	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00		
4	Birawar	202	0.242	0	0.000	0	0.000	2	0.200	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00		
5	Ganthari Shahpur	258	0.310	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00		
6	Kachaura	797	0.956	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00		
7	Nauratha Isapur	397	0.476	0	0.000	0	0.000	2	0.200	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00		
8	Rampur Nagla Chato	159	0.191	0	0.000	0	0.000	1	0.100	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00		
9	Tikari Kalan	56	0.067	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00		
TOTAL :		3635	4.3620	0	0.000	0	0.000	7	0.700	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000		

* Please Refer Unit Cost Table for Actual Value.

IInd Year (Phy. In ha & No.)				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																				Kachaura, IWMP-IV		District-		Hathras (Mahamaya Nagar)					
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Micro-enterprises																								TOTAL					
				Apiculture		Fruit Preservation		Poultry		Goatary		Dairy Product		Mini Dal Mill		Daliya Making Machine		Grain Cleaner Cum Grader		Floor Separator		Portable Charring Kiln		UMMB Block									
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy in ha	No. of Farmer	Phy in No.	No. of Farmer	Total Farmers	Fin in Lacs
1	Agsauli	1131	1.357	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	7.25	29	62	182	211	1.319		
2	Bargawan	92	0.110	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1.25	5	7	7	12	0.179		
3	Bartar Khas	543	0.652	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.50	2	4	4	6	0.077		
4	Birawar	202	0.242	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3.50	14	15	15	29	0.636		
5	Ganthari Shahpur	258	0.310	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2.00	8	3	3	11	0.235		
6	Kachaura	797	0.956	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2.50	10	13	13	23	0.348		
7	Nauratha Isapur	397	0.476	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6.25	25	17	17	42	0.974		
8	Rampur Nagla Chato	159	0.191	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3.00	12	13	13	25	0.498		
9	Tikari Kalan	56	0.067	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.50	2	9	9	11	0.096		
TOTAL :		3635	4.3620	0	####	0	####	0	####	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	26.75	107	143	263	370	4.362		

* Please Refer Unit Cost Table for Actual Value.

Illrd Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Kachaura, IWMP-IV		District-		Matnras (Mahamaya Nagar)			
S. No.	Name of WC	Planned Area in ha	Amount in Lakh	Crop Demonstration										Vegetables							
				Perl Millets		Pulses - Urd/Moong/Arhar		Oil Seeds		SRI		SWI		Tomato/Brinjal/Okra/Shimla Mirch		Cauliflower/Cabbage		Cucurbits		Shakbhaji	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Agsauli	1131	3.393	1.00	0.08	3.00	0.36	3.00	0.36	2.00	0.20	2.00	0.20	1	0.24	1	0.24	1	0.12	1	0.10
2	Bargawan	92	0.276	0.50	0.04	0.50	0.06	0.50	0.06	0.00	0.00	0.00	0.00	0.2	0.05	0.2	0.05	0.2	0.02	0.2	0.02
3	Bartar Khas	543	1.629	0.00	0.00	0.50	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00
4	Birawar	202	0.606	1.00	0.08	1.25	0.15	1.00	0.12	1.00	0.10	1.00	0.10	0.3	0.07	0.3	0.07	0.3	0.04	0.3	0.03
5	Ganthari Shahpur	258	0.774	1.00	0.08	1.25	0.15	1.25	0.15	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00
6	Kachaura	797	2.391	1.00	0.08	1.50	0.18	1.25	0.15	0.00	0.00	0.00	0.00	0.2	0.05	0.2	0.05	0.2	0.02	0.2	0.02
7	Nauratha Isapur	397	1.191	1.00	0.08	3.50	0.42	2.00	0.24	1.50	0.15	1.50	0.15	0.5	0.12	0.5	0.12	0.5	0.06	0.5	0.05
8	Rampur Nagla Chatol	159	0.477	0.50	0.04	1.00	0.12	0.75	0.09	0.00	0.00	0.00	0.00	0.3	0.07	0.3	0.07	0.3	0.04	0.3	0.03
9	Tikari Kalan	56	0.168	0.50	0.04	0.75	0.09	0.50	0.06	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00
TOTAL :		3635	10.9050	6.50	0.52	13.25	1.59	10.25	1.23	4.50	0.45	4.50	0.45	2.50	0.60	2.50	0.60	2.50	0.30	2.50	0.25

* Please Refer Unit Cost Table for Actual Value.

Illrd Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Kachaura, IWMP-IV				District-		Hathras (Mahamaya Nagar)			
S. No.	Name of WC	Planned Area in ha	Amount in Lakh	Spices						Floriculture				Agro-forestry		IPM Kit		Seed Kit		Vegetable Kit		Fodder Kit		Fisheries		Singhade Ki Kheti	
				Garlic/Ginger/Turmeric		Coriander/Methi/Saunf/Kalaunji		Chilly		Marry Gold		Deshi Gulab															
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Agsauli	1131	3.393	1	0.24	1.0	0.12	1	0.20	0.5	0.12	0.5	0.12	2.00	0.20	4	0.08	11	0.055	16	0.032	6	0.030	0	0.000	0	0.000
2	Bargawan	92	0.276	0.2	0.05	0.2	0.02	0.2	0.04	0	0.00	0	0.00	0.00	0.00	0	0.00	3	0.015	5	0.010	2	0.010	0	0.000	0	0.000
3	Bartar Khas	543	1.629	0	0.00	0.0	0.00	0	0.00	0	0.00	0	0.00	0.00	0.00	0	0.00	2	0.010	6	0.012	2	0.010	0	0.000	0	0.000
4	Birawar	202	0.606	0.3	0.07	0.3	0.04	0.3	0.06	0.5	0.12	0.5	0.12	1.00	0.10	2	0.04	9	0.045	6	0.012	5	0.025	0	0.000	0	0.000
5	Ganthari Shahpur	258	0.774	0	0.00	0.0	0.00	0	0.00	0	0.00	0	0.00	0.00	0.00	1	0.02	9	0.045	9	0.018	5	0.025	0	0.000	0	0.000
6	Kachaura	797	2.391	0.2	0.05	0.2	0.02	0.2	0.04	0	0.00	0	0.00	0.00	0.00	1	0.02	9	0.045	9	0.018	5	0.025	0	0.000	0	0.000
7	Nauratha Isapur	397	1.191	0.5	0.12	0.5	0.06	0.5	0.10	0.5	0.12	0.5	0.12	2.00	0.20	2	0.04	9	0.045	8	0.016	5	0.025	0	0.000	0	0.000
8	Rampur Nagla Chatol	159	0.477	0.3	0.07	0.3	0.04	0.3	0.06	0.5	0.12	0.5	0.12	1.00	0.10	1	0.02	5	0.025	6	0.012	4	0.020	0	0.000	0	0.000
9	Tikari Kalan	56	0.168	0	0.00	0.0	0.00	0	0.00	0	0.00	0	0.00	0.00	0.00	0	0.00	5	0.025	5	0.010	3	0.015	0	0.000	0	0.000
TOTAL :		3635	10.9050	2.50	0.60	2.50	0.30	2.50	0.50	2.00	0.48	2.00	0.48	6.00	0.60	11	0.220	62	0.310	70	0.140	37	0.185	0	0.000	0	0.000

* Please Refer Unit Cost Table for Actual Value.

IIIrd Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Kachaura, IWMP-IV		District-		Hathras (Mahamaya Nagar)									
S. No.	Name of WC	Planned Area in ha	Amount in Lakh	Plastic Tray Nursery		Low Tunnel House		Animal Health Camps		Distribution of Buck		Mini Agriculture Equipments																					
				Chaff Cutter		Sprayer		Broadcaster		Drum Seeder		Cono Weeder		Seed Treatment Drum		Irrigation Pipe		Portable Pump for Lift Irrigation		Mushroom Cultivation													
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin				
1	Agsauli	1131	3.393	0	0.000	0	0.000	2	0.200	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
2	Bargawan	92	0.276	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
3	Bartar Khas	543	1.629	0	0.000	0	0.000	1	0.100	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
4	Birawar	202	0.606	0	0.000	0	0.000	2	0.200	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
5	Ganthari Shahpur	258	0.774	0	0.000	0	0.000	1	0.100	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
6	Kachaura	797	2.391	0	0.000	0	0.000	1	0.100	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
7	Nauratha Isapur	397	1.191	0	0.000	0	0.000	2	0.200	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
8	Rampur Nagla Chatol	159	0.477	0	0.000	0	0.000	2	0.200	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
9	Tikari Kalan	56	0.168	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
TOTAL :		3635	10.9050	0	0.000	0	0.000	11	1.100	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000

* Please Refer Unit Cost Table for Actual Value.

Illrd Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Kachaura, IWMP-IV				District-		Hathras (Mahamaya Nagar)								
S. No.	Name of WC	Planned Area in ha	Amount in Lakh	Micro-enterprises																								TOTAL				
				Apiculture		Fruit Preservation		Poultry		Goatary		Dairy Product		Mini Dal Mill		Daliya Making Machine		Grain Cleaner Cum Grader		Floor Separator		Portable Charring Kiln		UMMB Block								
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy in ha	No. of Farmer	Phy in No.	No. of Farmer	Total Farmers
1	Agsauli	1131	3.393	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	21.00	132	39	159	291	3.297	
2	Bargawan	92	0.276	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2.90	20	10	10	30	0.447	
3	Bartar Khas	543	1.629	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.50	2	11	11	13	0.192	
4	Birawar	202	0.606	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	9.35	56	24	24	80	1.590	
5	Ganthari Shahpur	258	0.774	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3.50	14	25	25	39	0.588	
6	Kachaura	797	2.391	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	5.15	29	25	25	54	0.870	
7	Nauratha Isapur	397	1.191	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	16.00	91	26	26	117	2.436	
8	Rampur Nagla Chatol	159	0.477	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6.35	44	18	18	62	1.245	
9	Tikari Kalan	56	0.168	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1.75	7	13	13	20	0.240	
TOTAL :		3635	10.9050	0	0.000	0	0.000	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	66.50	395	191	311	706	10.905	

* Please Refer Unit Cost Table for Actual Value.

IVth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Kachaura, IWMP-IV		District-		Maharashtra (Maharashtra)			
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Crop Demonstration										Vegetables							
				Perl Millets		Pulses - Urd/Moong/Arhar		Oil Seeds		SRI		SWI		Tomato/Brinjal/Okra/Shimla Mirch		Cauliflower/Cabbage		Cucurbits		Shakbhaji	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Agsauli	1131	3.393	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	0.00	0.00	0.00	0.00
2	Bargawan	92	0.276	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	0.00	0.00	0.00	0.00
3	Bartar Khas	543	1.629	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	0.00	0.00	0.00	0.00
4	Birawar	202	0.606	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	0.00	0.00	0.00	0.00
5	Ganthari Shahpur	258	0.774	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	0.00	0.00	0.00	0.00
6	Kachaura	797	2.391	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	0.00	0.00	0.00	0.00
7	Nauratha Isapur	397	1.191	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	0.00	0.00	0.00	0.00
8	Rampur Nagla Chatol	159	0.477	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	0.00	0.00	0.00	0.00
9	Tikari Kalan	56	0.168	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	0.00	0.00	0.00	0.00
TOTAL :		3635	10.9050	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	0.00	0.00	0.00	0.00

* Please Refer Unit Cost Table for Actual Value.

IVth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Kachaura, IWMP-IV		District-		Patnas (Mahamaya Nagar)					
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Spices						Floriculture				Agro-forestry		IPM Kit		Seed Kit		Vegetable Kit		Fodder Kit		Fisheries		Singhade Ki Kheti	
				Garlic/Ginger/Turmeric		Coriander/Methi/Saunf/Kalaunji		Chilly		Marry Gold		Deshi Gulab															
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Agsauli	1131	3.393	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2	0.04	11	0.055	11	0.022	7	0.035	0	0.000	0	0.000
2	Bargawan	92	0.276	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.02	6	0.030	7	0.014	3	0.015	0	0.000	0	0.000
3	Bartar Khas	543	1.629	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	0.00	3	0.015	6	0.012	0	0.000	0	0.000	0	0.000
4	Birawar	202	0.606	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.02	7	0.035	6	0.012	4	0.020	0	0.000	0	0.000
5	Ganthari Shahpur	258	0.774	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.02	7	0.035	5	0.010	4	0.020	0	0.000	0	0.000
6	Kachaura	797	2.391	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.02	7	0.035	9	0.018	5	0.025	0	0.000	0	0.000
7	Nauratha Isapur	397	1.191	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.02	7	0.035	8	0.016	5	0.025	0	0.000	0	0.000
8	Rampur Nagla Chatol	159	0.477	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.02	7	0.035	8	0.016	5	0.025	0	0.000	0	0.000
9	Tikari Kalan	56	0.168	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	0.00	3	0.015	8	0.016	2	0.010	0	0.000	0	0.000
TOTAL :		3635	10.9050	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8	0.160	58	0.290	68	0.136	35	0.175	0	0.000	0	0.000

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IVth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Kachaura, IWMP-IV		District-		Hathras (Mahamaya Nagar)					
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Plastic Tray Nursery		Low Tunnel House		Animal Health Camps		Distribution of Buck		Mini Agriculture Equipments																	
				Chaff Cutter		Sprayer		Broadcaster		Drum Seeder		Cono Weeder		Seed Treatment Drum		Irrigation Pipe		Portable Pump for Lift Irrigation		Mushroom Cultivation									
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Agsauli	1131	3.393	2	0.100	5	0.100	2	0.200	0	0.000	12	0.72	17	0.51	7	0.11	4	0.32	5	0.07	5	0.10	5	0.20	3	0.72	0	0.00
2	Bargawan	92	0.276	1	0.050	0	0.000	0	0.000	0	0.000	2	0.12	4	0.12	2	0.03	0	0.00	2	0.03	1	0.02	0	0.00	0	0.00	0	0.00
3	Bartar Khas	543	1.629	0	0.000	0	0.000	1	0.100	0	0.000	0	0.00	1	0.03	1	0.02	0	0.00	0	0.00	1	0.02	0	0.00	0	0.00	0	0.00
4	Birawar	202	0.606	1	0.050	3	0.060	2	0.200	0	0.000	4	0.24	4	0.12	3	0.05	1	0.08	2	0.03	2	0.04	4	0.16	2	0.48	0	0.00
5	Ganthari Shahpur	258	0.774	1	0.050	0	0.000	1	0.100	0	0.000	2	0.12	3	0.09	1	0.02	0	0.00	2	0.03	1	0.02	2	0.08	0	0.00	0	0.00
6	Kachaura	797	2.391	1	0.050	1	0.020	1	0.100	0	0.000	4	0.24	3	0.09	2	0.03	1	0.08	3	0.04	2	0.04	2	0.08	0	0.00	0	0.00
7	Nauratha Isapur	397	1.191	2	0.100	2	0.040	2	0.200	0	0.000	4	0.24	7	0.21	4	0.06	2	0.16	5	0.07	3	0.06	6	0.24	4	0.96	0	0.00
8	Rampur Nagla Chatol	159	0.477	1	0.050	2	0.040	2	0.200	0	0.000	1	0.06	1	0.03	1	0.02	1	0.08	1	0.01	1	0.02	4	0.16	2	0.48	0	0.00
9	Tikari Kalan	56	0.168	1	0.050	0	0.000	0	0.000	0	0.000	1	0.06	2	0.06	1	0.02	0	0.00	1	0.01	0	0.00	0	0.00	0	0.00	0	0.00
TOTAL :		3635	10.9050	10	0.500	13	0.260	11	1.100	0	0.000	30	1.800	42	1.260	22	0.330	9	0.720	21	0.294	16	0.320	23	0.920	11	2.640	0	0.000

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IVth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																		Kachaura, IWMP-IV				District-		Hathras (Mahamaya Nagar)				
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Micro-enterprises																								TOTAL				
				Apiculture		Fruit Preservation		Poultry		Goatary		Dairy Product		Mini Dal Mill		Daliya Making Machine		Grain Cleaner Cum Grader		Floor Separator		Portable Charring Kiln		UMMB Block								
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy in ha	No. of Farmer	Phy in No.
1	Agsauli	1131	3.393	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	98	450	450	3.297	
2	Bargawan	92	0.276	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	29	18	18	0.447	
3	Bartar Khas	543	1.629	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	13	10	10	0.192	
4	Birawar	202	0.606	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	46	24	24	1.590	
5	Ganthari Shahpur	258	0.774	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	30	19	19	0.588	
6	Kachaura	797	2.391	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	42	25	25	0.870	
7	Nauratha Isapur	397	1.191	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	62	27	27	2.436	
8	Rampur Nagla Chatol	159	0.477	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	38	26	26	1.245	
9	Tikari Kalan	56	0.168	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	19	14	14	0.240	
TOTAL :		3635	10.9050	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	377	613	613	10.91	

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Vth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Kachaura, IWMP-IV		District-		Maharashtra (Maharashtra)				
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Crop Demonstration										Vegetables								
				Perl Millets		Pulses - Urd/Moong/Arhar		Oil Seeds		SRI		SWI		Tomato/Brinjal/Okra/Shimla Mirch		Cauliflower/Cabbage		Cucurbits		Shakbhaji		
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy
1	Agsauli	1131	5.429	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	0.00	0.00	0.00	0.00	0.00
2	Bargawan	92	0.442	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	0.00	0.00	0.00	0.00	0.00
3	Bartar Khas	543	2.606	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	0.00	0.00	0.00	0.00	0.00
4	Birawar	202	0.970	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	0.00	0.00	0.00	0.00	0.00
5	Ganthari Shahpur	258	1.238	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	0.00	0.00	0.00	0.00	0.00
6	Kachaura	797	3.826	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	0.00	0.00	0.00	0.00	0.00
7	Nauratha Isapur	397	1.906	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	0.00	0.00	0.00	0.00	0.00
8	Rampur Nagla Chato	159	0.763	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	0.00	0.00	0.00	0.00	0.00
9	Tikari Kalan	56	0.269	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	0.00	0.00	0.00	0.00	0.00
TOTAL :		3635	17.4480	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	0.00	0.00	0.00	0.00	0.00

* Please Refer Unit Cost Table for Actual Value.

Vth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Kachaura, IWMP-IV		District-		Hathras (Mahamaya Nagar)					
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Spices						Floriculture				Agro-forestry		IPM Kit		Seed Kit		Vegetable Kit		Fodder Kit		Fisheries		Singhade Ki Kheti	
				Garlic/Ginger/Turmeric		Coriander/Methi/Saunf/Kalaunji		Chilly		Marry Gold		Deshi Gulab															
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Agsauli	1131	5.429	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.02	8	0.040	5	0.010	5	0.025	0	0.000	0	0.000
2	Bargawan	92	0.442	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	0.00	3	0.015	5	0.010	2	0.010	0	0.000	0	0.000
3	Bartar Khas	543	2.606	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.02	9	0.045	6	0.012	6	0.030	0	0.000	0	0.000
4	Birawar	202	0.970	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.02	9	0.045	7	0.014	5	0.025	0	0.000	0	0.000
5	Ganthari Shahpur	258	1.238	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	0.00	2	0.010	3	0.006	1	0.005	0	0.000	0	0.000
6	Kachaura	797	3.826	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.02	5	0.025	6	0.012	3	0.015	0	0.000	0	0.000
7	Nauratha Isapur	397	1.906	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.02	7	0.035	9	0.018	5	0.025	0	0.000	0	0.000
8	Rampur Nagla Chato	159	0.763	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	0.00	2	0.010	6	0.012	2	0.010	0	0.000	0	0.000
9	Tikari Kalan	56	0.269	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.02	9	0.045	7	0.014	5	0.025	0	0.000	0	0.000
TOTAL :		3635	17.4480	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6	0.120	54	0.270	54	0.108	34	0.170	0	0.000	0	0.000

* Please Refer Unit Cost Table for Actual Value.

Vth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Kachaura, IWMP-IV				District-		Hathras (Mahamaya Nagar)					
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Plastic Tray Nursery		Low Tunnel House		Animal Health Camps		Distribution of Buck		Mini Agriculture Equipments																			
				Chaff Cutter		Sprayer		Broadcaster		Drum Seeder		Cono Weeder		Seed Treatment Drum		Irrigation Pipe		Portable Pump for Lift Irrigation		Mushroom Cultivation											
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin		
1	Agsauli	1131	5.429	0	0.000	0	0.000	2	0.200	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.24
2	Bargawan	92	0.442	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
3	Bartar Khas	543	2.606	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
4	Birawar	202	0.970	0	0.000	0	0.000	2	0.200	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.24
5	Ganthari Shahpur	258	1.238	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
6	Kachaura	797	3.826	0	0.000	0	0.000	2	0.200	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
7	Nauratha Isapur	397	1.906	0	0.000	0	0.000	2	0.200	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.24
8	Rampur Nagla Chato	159	0.763	0	0.000	0	0.000	2	0.200	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
9	Tikari Kalan	56	0.269	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
TOTAL :		3635	17.4480	0	0.000	0	0.000	10	1.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	3	0.720

* Please Refer Unit Cost Table for Actual Value.

Vth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																		Kachaura, IWMP-IV				District-		Hathras (Mahamaya Nagar)				
S. No.	Name of WC	Planned Area in ha	Amount in Lakhs	Micro-enterprises																								TOTAL				
				Apiculture		Fruit Preservation		Poultry		Goatary		Dairy Product		Mini Dal Mill		Daliya Making Machine		Grain Cleaner Cum Grader		Floor Separator		Portable Charring Kiln		UMMB Block								
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy in ha	No. of Farmer	Phy in No.
1	Agsauli	1131	5.429	1	0.24	2	0.48	2	0.40	5	1.00	2	0.48	2	0.40	2	0.40	3	0.60	2	0.48	2	0.16	1	0.10	0.00	0	46	222	222	5.275	
2	Bargawan	92	0.442	0	0.00	0	0.00	1	0.20	2	0.40	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.08	0	0.00	0.00	0	14	13	13	0.715	
3	Bartar Khas	543	2.606	0	0.00	0	0.00	0	0.00	1	0.20	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	23	23	23	0.307	
4	Birawar	202	0.970	1	0.24	1	0.24	1	0.20	2	0.40	0	0.00	1	0.20	1	0.20	1	0.20	1	0.24	1	0.08	0	0.00	0.00	0	35	30	30	2.544	
5	Ganthari Shahpur	258	1.238	0	0.00	0	0.00	1	0.20	2	0.40	0	0.00	0	0.00	0	0.00	0	0.00	1	0.24	1	0.08	0	0.00	0.00	0	11	9	9	0.941	
6	Kachaura	797	3.826	0	0.00	1	0.24	1	0.20	1	0.20	0	0.00	1	0.20	1	0.20	0	0.00	0	0.00	1	0.08	0	0.00	0.00	0	23	20	20	1.392	
7	Nauratha Isapur	397	1.906	1	0.24	2	0.48	2	0.40	2	0.40	2	0.48	1	0.20	1	0.20	2	0.40	2	0.48	1	0.08	0	0.00	0.00	0	41	32	32	3.898	
8	Rampur Nagla Chato	159	0.763	0	0.00	1	0.24	1	0.20	2	0.40	0	0.00	1	0.20	1	0.20	1	0.20	1	0.24	1	0.08	0	0.00	0.00	0	21	16	16	1.992	
9	Tikari Kalan	56	0.269	0	0.00	0	0.00	0	0.00	1	0.20	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.08	0	0.00	0.00	0	24	23	23	0.384	
TOTAL :		3635	17.4480	3	0.720	7	1.680	9	1.800	18	3.60	4	0.96	6	1.20	6	1.20	7	1.40	7	1.68	9	0.72	1	0.10	0.00	0	238	388	388	17.448	

* Please Refer Unit Cost Table for Actual Value.

At A Glance		Convergence Programme Under the Component of PSME under the Project of Kachaura, IWMP-IV District- Hathras (Mahamaya Nagar) (Phy in No. Fin. In Lakhs)																												
S. No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation- Sprinkler		Micro Irrigation- Drip		Poly House		Agro Shed Net House		Total			
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
1	Agsauli	1131	12	1.08	12	0.96	6	2.70	6	2.10	6	2.40	6	0.12	6	2.10	6	0.12	8	0.00	8	0.00	4	0.00	4	0.00	4	0.00	84	11.58
2	Bargawan	92	4	0.36	4	0.32	2	0.90	2	0.70	2	0.80	2	0.04	2	0.70	2	0.04	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	20	3.86
3	Bartar Khas	543	4	0.36	4	0.32	2	0.90	2	0.70	2	0.80	2	0.04	2	0.70	2	0.04	4	0.00	4	0.00	2	0.00	2	0.00	32	3.86		
4	Birawar	202	8	0.72	8	0.64	4	1.80	4	1.40	4	1.60	4	0.08	4	1.40	4	0.08	0	0.00	0	0.00	0	0.00	0	0.00	40	7.72		
5	Ganthari Shahpur	258	4	0.36	4	0.32	2	0.90	2	0.70	2	0.80	2	0.04	2	0.70	2	0.04	0	0.00	0	0.00	0	0.00	0	0.00	20	3.86		
6	Kachaura	797	4	0.36	4	0.32	2	0.90	2	0.70	2	0.80	2	0.04	2	0.70	2	0.04	8	0.00	8	0.00	4	0.00	4	0.00	44	3.86		
7	Nauratha Isapur	397	8	0.72	8	0.64	4	1.80	4	1.40	4	1.60	4	0.08	4	1.40	4	0.08	4	0.00	4	0.00	2	0.00	2	0.00	52	7.72		
8	Rampur Nagla Chatol	159	4	0.36	4	0.32	2	0.90	2	0.70	2	0.80	2	0.04	2	0.70	2	0.04	0	0.00	0	0.00	0	0.00	0	0.00	20	3.86		
9	Tikari Kalan	56	4	0.36	4	0.32	2	0.90	2	0.70	2	0.80	2	0.04	2	0.70	2	0.04	0	0.00	0	0.00	0	0.00	0	0.00	20	3.86		
Total		3635	52	4.68	52	4.16	26	11.70	26	9.10	26	10.40	26	0.52	26	9.10	26	0.52	24	0.00	24	0.00	12	0.00	12	0.00	332	50.18		

IInd Year		Convergence Programme Under the Component of PSME under the Project of Kachaura, IWMP-IV District- Hathras (Mahamaya Nagar) (Phy in No. Fin. In Lakhs)																											
S. No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation-Sprinkler		Micro Irrigation-Drip		Poly House		Agro Shed Net House		Total		
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	
1	Agsauli	1131	3	0.27	3	0.24	0	0.00	3	1.05	0	0.00	0	0.00	0	0.00	0	0.00	2	0.00	2	0.00	0	0.00	0	0.00	13	1.56	
2	Bargawan	92	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.52	
3	Bartar Khas	543	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	1	0.00	0	0.00	0	0.00	5	0.52	
4	Birawar	202	2	0.18	2	0.16	0	0.00	2	0.70	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6	1.04	
5	Ganthari Shahpur	258	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.52	
6	Kachaura	797	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	2	0.00	2	0.00	0	0.00	0	0.00	7	0.52	
7	Nauratha Isapur	397	2	0.18	2	0.16	0	0.00	2	0.70	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	1	0.00	0	0.00	0	0.00	8	1.04	
8	Rampur Nagla Chatol	159	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.52	
9	Tikari Kalan	56	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.52	
	Total	3635	13	1.17	13	1.04	0	0.00	13	4.55	0	0.00	0	0.00	0	0.00	0	0.00	6	0.00	6	0.00	0	0.00	0	0.00	51	6.76	

Illrd Year		Convergence Programme Under the Component of PSME under the Project of Kachaura, IWMP-IV District- Hathras (Mahamaya Nagar) (Phy in No. Fin. In Lakhs)																											
S. No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation-Sprinkler		Micro Irrigation-Drip		Poly House		Agro Shed Net House		Total		
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	
1	Agsauli	1131	3	0.27	3	0.24	3	1.35	0	0.00	3	1.20	3	0.06	3	1.05	3	0.06	2	0.00	2	0.00	2	0.00	2	0.00	29	4.23	
2	Bargawan	92	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	7	1.41	
3	Bartar Khas	543	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	1	0.00	1	0.00	1	0.00	1	0.00	11	1.41	
4	Birawar	202	2	0.18	2	0.16	2	0.90	0	0.00	2	0.80	2	0.04	2	0.70	2	0.04	0	0.00	0	0.00	0	0.00	0	0.00	14	2.82	
5	Ganthari Shahpur	258	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	7	1.41	
6	Kachaura	797	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	2	0.00	2	0.00	2	0.00	2	0.00	15	1.41	
7	Nauratha Isapur	397	2	0.18	2	0.16	2	0.90	0	0.00	2	0.80	2	0.04	2	0.70	2	0.04	1	0.00	1	0.00	1	0.00	1	0.00	18	2.82	
8	Rampur Nagla Chatol	159	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	7	1.41	
9	Tikari Kalan	56	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	7	1.41	
Total		3635	13	1.17	13	1.04	13	5.85	0	0.00	13	5.20	13	0.26	13	4.55	13	0.26	6	0.00	6	0.00	6	0	6	0	115	18.33	

IVth Year		Convergence Programme Under the Component of PSME under the Project of Kachaura, IWMP-IV District- Hathras (Mahamaya Nagar) (Phy in No. Fin. In Lakhs)																												
S.No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation-Sprinkler		Micro Irrigation-Drip		Poly House		Agro Shed Net House		Total			
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.		
1	Agsauli	1131	3	0.27	3	0.24	0	0.00	3	1.05	0	0.00	0	0.00	0	0.00	0	0.00	2	0.00	2	0.00	0	0.00	0	0.00	0	0.00	13	1.56
2	Bargawan	92	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.52
3	Bartar Khas	543	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	1	0.00	0	0.00	0	0.00	0	0.00	5	0.52
4	Birawar	202	2	0.18	2	0.16	0	0.00	2	0.70	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6	1.04
5	Ganthari Shahpur	258	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.52
6	Kachaura	797	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	2	0.00	2	0.00	0	0.00	0	0.00	0	0.00	7	0.52
7	Nauratha Isapur	397	2	0.18	2	0.16	0	0.00	2	0.70	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	1	0.00	0	0.00	0	0.00	0	0.00	8	1.04
8	Rampur Nagla Chatol	159	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.52
9	Tikari Kalan	56	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.52
Total		3635	13	1.17	13	1.04	0	0.00	13	4.55	0	0.00	0	0.00	0	0.00	0	0.00	6	0.00	6	0.00	0	0.00	0	0.00	0	0.00	51	6.76

Vth Year		Convergence Programme Under the Component of PSME under the Project of Kachaura, IWMP-IV District- Hathras (Mahamaya Nagar) (Phy in No. Fin. In Lakhs)																											
S. No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation-Sprinkler		Micro Irrigation-Drip		Poly House		Agro Shed Net House		Total		
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	
1	Agsauli	1131	3	0.27	3	0.24	3	1.35	0	0.00	3	1.20	3	0.06	3	1.05	3	0.06	2	0.00	2	0.00	2	0.00	2	0.00	29	4.23	
2	Bargawan	92	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	7	1.41	
3	Bartar Khas	543	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	1	0.00	1	0.00	1	0.00	1	0.00	11	1.41	
4	Birawar	202	2	0.18	2	0.16	2	0.90	0	0.00	2	0.80	2	0.04	2	0.70	2	0.04	0	0.00	0	0.00	0	0.00	0	0.00	14	2.82	
5	Ganthari Shahpur	258	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	7	1.41	
6	Kachaura	797	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	2	0.00	2	0.00	2	0.00	2	0.00	15	1.41	
7	Nauratha Isapur	397	2	0.18	2	0.16	2	0.90	0	0.00	2	0.80	2	0.04	2	0.70	2	0.04	1	0.00	1	0.00	1	0.00	1	0.00	18	2.82	
8	Rampur Nagla Chatol	159	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	7	1.41	
9	Tikari Kalan	56	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	7	1.41	
Total		3635	13	1.17	13	1.04	13	5.85	0	0.00	13	5.20	13	0.26	13	4.55	13	0.26	6	0.00	6	0.00	6	0.00	6	0.00	115	18.33	

Problem Thrust Area of Production System in the Project Area of		
Kachaura, IWMP-IV		District- Hathras (Mahamaya)
S.No.	Production System	
	Problem Thrust Area	Proposed Intervention
1	Cluster of IWMP Project area lacks the high value agro forestry plantations and the existing plantations do not have technical & developmental support.	Soil and water conservation, watershed management and supply of quality planting material
2	Non-mechanised farming system	Distribution of Agriculture Equipments/Pumps and Irrigation Pipe
3	No Crop Diversification/Traditional Farming System	Promotion and adoption of Crop Divesification
4	Use of local varieties and impure seed materials	Integrated Weed management in different crops (Distribution of Weeder).
5	Broadcast sowing	Use of bio-fertilizers and fertilizers scheduling for oil seeds, pulses and other crops.
6	Imbalance use of fertilizer and its placement.	Soil testing and use of balance dose of fertilizer.
	Poor Soil Health	Promotion, Adoption and Application of Vermi/Nadep Compost
7	No use of Bio-fertilizer and Bio-pesticides	Promotion, Adoption and Application of Bio-fertilizer and Bio-pesticides
8	No seed treatments	Seed treatment with fungicides, insecticides & rhizobium culture.
9	Unavailability of irrigation facilities .	Creation of Additional Surface Water Storage Capacity.
10	Non-availability of Quality Horticulture/Agro Plants	Introduction of nursery management and orchard management Ensure Quality Horticulture/Agro Plants
11	Low Technological Awareness	Awareness Generation, promotion and adoption of Innovative Agriculture Tecnology IPM, SRI, SWI, INM, Micro Irrigation Protected Farming, Value addition, promotion of super food crops, etc Through Capacity Building, interface with scientist and Exposure Visit.
12	Less Income Generating Crops	Promoting farmers to grow Vegetables, Floriculture, Spices, medicinal plants and Super food like Chia and Quinoa, etc.

Capacity Building Plan Under Production System & Micro Enterprises of				
Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)	
S. No.	Details of Programme	Preparatory phase (I st to IIInd Year)	work phase (IIInd to IVth year)	Consolidation and withdrawal plan (Vth year)
1	Basic Orintation Programme	√		
2	Mechansation of Production System	√		
3	Advanced Agriculture Practices			
i	Soil Testing		√	
ii	Balanced Dose of Fertilizer		√	
iii	Seed Treatment		√	
iv	IPM, INM Practices		√	
v	Weed Management : Chemical/Mechanical		√	
ix	Feed Management		√	
x	Fodder Production Management		√	
10	Micro-enterprises			
i	Skill Training for Micro-enterprises			√
ii	Value Addition/Agro Procesing, Packaging and Marketing			√
iii	Backward and Forward Linkages			√
iv	Record Keeping, Quality Control and Business Promotion			√
11	Miscs.			
	Exposure Visits of Farmers		√	√
	Within district @ 5 farmers per Microwatershed 15		√	√
	Out of district but within state @ 3 farmers per Microwatershed 15		√	√
	Out of State @ 1 farmers per Microwatershed 15		√	√
	Pre and Post Crop GoshthiField Day		√	√

Note: Financial Aspects for Implementing the above plan will be met under the component of Institutional & Capacity Building Plan at Users Group & Others Level

Estimate of Horticulture Plantation (Fruit Plantation) in Rs./ha					
S. No.	Horticulture Plantation	Plant to Plant Spacing	Row to row spacing	No. of Plants/ha	Cost of Plantation in Rs.
1	Mango	10	10	100	Rs. 20000/ha
2	Guava	6	6	278	
3	Amala	6	6	278	
4	Lemmon/Ber/Bale	6	6	278	
5	Sharifa	6	6	278	
6	Anar	6	6	278	
Above Cost include the following items :-					
1	Planting Material		Cost of Afforestation in Rs. 10000/ha		
2	Compost				
3	Irrigation/Watering		Mahuwa	Babool	Amaltas
4	Fertilizer/ Bio-frtilizer		Jamun	Su Babool	Palm
5	Maint. In Ist Year		Kathal	Sahjan	Gulmohar
6	Maint. In 2nd Year		Pakad	Bamboo	Teak
7	Maint. In Illrd Year		Peepal	Ashok	Popular
8	Dispplay Board		Gular	Kadamb	Gular
			Neem	Kachnar	
1	Mary Gold				24000
2	Deshi Gulab				24000
3	IPM Kit				2000
Scattered Plantation :-		@ Rs. 40/- Plant for Horticulture Plantation.			
		@ Rs.20/- per Plant for Timber, Fuel and Fodder Plantation			
		(inclusive of all costs comprising cost of plant, transportation,			
		advance work, plantation, SMC, casualty replacement, protection, awareness and overheads)			

At A Glance		Physical Financial Details of Land Development Activities under the Component of WDW											
Kachaura, IWMP-IV			District- ^{Manmangal} Manmangal ^{Nagar}				(Phy. In ha/Nos.-Fin in Lakhs)						
S.No.	Name of WC	Area	Block Plantation (in ha)				Scattered Plantation (in Nos.)				Total		
			Aff		Hort		Aff		Hort		Phy		Fin
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	in ha	in No.	
1	Agsauli	1131	14.00	1.40	27.50	5.50	585	0.12	920	0.37	41.50	1505	7.39
2	Bargawan	92	1.75	0.18	3.25	0.65	210	0.04	335	0.13	5.00	545	1.00
3	Bartar Khas	543	1.00	0.10	0.75	0.15	235	0.05	330	0.13	1.75	565	0.43
4	Birawar	202	7.00	0.70	13.00	2.60	300	0.06	485	0.19	20.00	785	3.55
5	Ganthari Shahpur	258	1.75	0.18	5.00	1.00	175	0.04	265	0.11	6.75	440	1.32
6	Kachaura	797	3.50	0.35	6.75	1.35	295	0.06	475	0.19	10.25	770	1.95
7	Nauratha Isapur	397	10.25	1.03	20.75	4.15	350	0.07	530	0.21	31.00	880	5.46
8	Rampur Nagla Chatol	159	5.25	0.53	10.25	2.05	220	0.04	425	0.17	15.50	645	2.79
9	Tikari Kalan	56	0.75	0.08	1.75	0.35	120	0.02	220	0.09	2.50	340	0.54
Total :		3635	45.25	4.53	89.00	17.80	2490	0.50	3985	1.59	134.25	6475	24.42

IInd Year		Physical Financial Details of Land Development Activities under the Component of WDW											
Kachaura, IWMP-IV			District- ^{Matras (Mahamaya Nagar)}				(Phy. In ha/Nos.-Fin in Lakhs)						
S.No.	Name of WC	Area	Block Plantation (in ha)				Scattered Plantation (in Nos.)				Total		Fin
			Aff		Hort		Aff		Hort		Phy		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	in ha	in No.	
1	Agsauli	1131	2.00	0.200	3.50	0.700	105	0.021	170	0.068	5.50	275	0.989
2	Bargawan	92	0.25	0.025	0.25	0.050	75	0.015	110	0.044	0.50	185	0.134
3	Bartar Khas	543	0.25	0.025	0.00	0.000	40	0.008	60	0.024	0.25	100	0.057
4	Birawar	202	1.00	0.100	1.75	0.350	35	0.007	50	0.020	2.75	85	0.477
5	Ganthari Shahpur	258	0.25	0.025	0.50	0.100	55	0.011	100	0.040	0.750	155	0.176
6	Kachaura	797	0.50	0.050	0.75	0.150	75	0.015	115	0.046	1.25	190	0.261
7	Nauratha Isapur	397	1.25	0.125	2.75	0.550	60	0.012	110	0.044	4.00	170	0.731
8	Rampur Nagla Chatol	159	0.75	0.075	1.25	0.250	50	0.010	95	0.038	2.00	145	0.373
9	Tikari Kalan	56	0.00	0.000	0.25	0.050	30	0.006	40	0.016	0.25	70	0.072
Total :		3635	6.25	0.63	11.00	2.20	525	0.11	850	0.34	17.25	1375	3.27

Illrd Year		Physical Financial Details of Land Development Activities under the Component of WDW											
Kachaura, IWMP-IV		District- ^{Matras (Mahamaya Nagar)} (Phy. In ha/Nos.-Fin in Lakhs)											
S.No.	Name of WC/GP	Area	Block Plantation (in ha)				Scattered Plantation (in Nos.)				Total		
			Aff		Hort		Aff		Hort		Phy		Fin
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	in ha	in No.	
1	Agsauli	1131	4.00	0.400	8.00	1.600	165	0.033	250	0.100	12.00	415	2.133
2	Bargawan	92	0.50	0.050	1.00	0.200	45	0.009	75	0.030	1.50	120	0.289
3	Bartar Khas	543	0.25	0.025	0.25	0.050	65	0.013	90	0.036	0.50	155	0.124
4	Birawar	202	2.00	0.200	3.75	0.750	100	0.020	145	0.058	5.75	245	1.028
5	Ganthari Shahpur	258	0.50	0.050	1.50	0.300	40	0.008	55	0.022	2.00	95	0.380
6	Kachaura	797	1.00	0.100	2.00	0.400	75	0.015	120	0.048	3.00	195	0.563
7	Nauratha Isapur	397	3.00	0.300	6.00	1.200	100	0.020	140	0.056	9.00	240	1.576
8	Rampur Nagla Chatol	159	1.50	0.150	3.00	0.600	60	0.012	110	0.044	4.50	170	0.806
9	Tikari Kalan	56	0.25	0.025	0.50	0.100	30	0.006	60	0.024	0.75	90	0.155
Total :		3635	13.00	1.30	26.00	5.20	680	0.14	1045	0.42	39.00	1725	7.05

IVth Year		Physical Financial Details of Land Development Activities under the Component of WDW											
Kachaura, IWMP-IV		District- ^{Patnas (Marianmaya Nagar)} (Phy. In ha/Nos.-Fin in Lakhs)											
S.No.	Name of WC	Area	Block Plantation (in ha)				Scattered Plantation (in Nos.)				Total		
			Aff		Hort		Aff		Hort		Phy		Fin
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	in ha	in No.	
1	Agsauli	1131	4.00	0.400	8.00	1.600	165	0.033	250	0.100	12.00	415	2.133
2	Bargawan	92	0.50	0.050	1.00	0.200	45	0.009	75	0.030	1.50	120	0.289
3	Bartar Khas	543	0.25	0.025	0.25	0.050	65	0.013	90	0.036	0.50	155	0.124
4	Birawar	202	2.00	0.200	3.75	0.750	100	0.020	145	0.058	5.75	245	1.028
5	Ganthari Shahpur	258	0.50	0.050	1.50	0.300	40	0.008	55	0.022	2.00	95	0.380
6	Kachaura	797	1.00	0.100	2.00	0.400	75	0.015	120	0.048	3.00	195	0.563
7	Nauratha Isapur	397	3.00	0.300	6.00	1.200	100	0.020	140	0.056	9.00	240	1.576
8	Rampur Nagla Chatol	159	1.50	0.150	3.00	0.600	60	0.012	110	0.044	4.50	170	0.806
9	Tikari Kalan	56	0.25	0.025	0.50	0.100	30	0.006	60	0.024	0.75	90	0.155
Total :		3635	13.00	1.30	26.00	5.20	680	0.14	1045	0.42	39.00	1725	7.05

Vth Year		Physical Financial Details of Land Development Activities under the Component of WDW											
Kachaura, IWMP-IV			District- Natras (Manamaya Nagar)				(Phy. In ha/Nos.-Fin in Lakhs)						
S.No.	Name of WC	Area	Block Plantation (in ha)				Scattered Plantation (in Nos.)				Total		Fin
			Aff		Hort		Aff		Hort		Phy		
			Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	in ha	in No.	
1	Agsauli	1131	4.00	0.400	8.00	1.600	150	0.030	250	0.100	12.00	400	2.130
2	Bargawan	92	0.50	0.050	1.00	0.200	45	0.009	75	0.030	1.50	120	0.289
3	Bartar Khas	543	0.25	0.025	0.25	0.050	65	0.013	90	0.036	0.50	155	0.124
4	Birawar	202	2.00	0.200	3.75	0.750	65	0.013	145	0.058	5.75	210	1.021
5	Ganthari Shahpur	258	0.50	0.050	1.50	0.300	40	0.008	55	0.022	2.00	95	0.380
6	Kachaura	797	1.00	0.100	2.00	0.400	70	0.014	120	0.048	3.00	190	0.562
7	Nauratha Isapur	397	3.00	0.300	6.00	1.200	90	0.018	140	0.056	9.00	230	1.574
8	Rampur Nagla Chatol	159	1.50	0.150	3.00	0.600	50	0.010	110	0.044	4.50	160	0.804
9	Tikari Kalan	56	0.25	0.025	0.50	0.100	30	0.006	60	0.024	0.75	90	0.155
Total :		3635	13.00	1.30	26.00	5.20	605	0.12	1045	0.42	39.00	1650	7.04

Detail of Land Development Area in ha At A Glance

	Afforestation	Horticulture	Total
Block Plantation	45.25	89.00	134.25
Scattered Plantation	6.57	22.50	29.07
Total ha In Land Development	51.82	111.50	163.32

Afforestation	Bifurcation of Afforestation Area				Fuel & Fodder	
	Timber		Ornamental		4 x 4	No. Plant/ha
	6 x 6	No. Plant/ha	6 x 6	No. Plant/ha		
Row To Row Spacing	6 x 6	278	6 x 6	278	4 x 4	625
Plant to Plant Spacing	6 x 6		6 x 6		4 x 4	
Horticulture	Mango		Guava		Citrus & Other Fruits	
	10 x 10	No. Plant/ha	7 x 7	No. Plant/ha	6 x 6	No. Plant/ha
	Row To Row Spacing	10 x 10	100	7 x 7	204	6 x 6
Plant to Plant Spacing	10 x 10		7 x 7		6 x 6	

Conversion Of Scattered Plantation Into ha				
Afforestation	Timber	Ornamental	Fuel & Fodder	Total
%	40	12	48	100
No. of Plants	996	297	1197	2490
ha	3.59	1.07	1.91	6.57
Horticulture	Mango/Bel/ Jack Fruits	Guava	Citrus & Other Fruits	
%	30	10	60	100
No. of Plants	1197	400	2388	3985
ha	11.97	1.95	8.58	22.50

Detail of Land Development Area in ha At A Glance

Area under Afforestation including Block & Scattered Plantation						
	Afforestation			Timber	Orname ntal	Fuel and Fodder
Year	Block	Scattard	Total			
IIInd Year	11.00	1.39	12.39	4.956	1.4868	5.95
IIIrd Year	13.00	1.79	14.79	5.916	1.7748	7.10
IVth Year	13.00	1.79	14.79	5.916	1.7748	7.10
Vth Year	13.00	1.60	14.60	5.84	1.752	7.01
Total	50.00	6.57	56.57	22.628	6.7884	27.15
Vth Year	Considration of Area in ha for calculating Production Value					5.95
VI th Year						13.05
VIIth Year						20.15
Area under Horticulture including Block & Scattered Plantation						
Year	Block	Scattard	Total	Mango/Bel/ Jack Fruits	guava	citrus & others
IIInd Year	11.00	4.80	15.80	4.74	1.58	9.48
IIIrd Year	26.00	5.90	31.90	9.57	3.19	19.14
IVth Year	26.00	5.90	31.90	9.57	3.19	19.14
Vth Year	26.00	5.90	31.90	9.57	3.19	19.14
Total	89.00	22.5	111.50	33.45	11.15	66.90
Vth Year	Considration of Area in ha for calculating Production Value			4.74	1.58	9.48
VI th Year				14.31	4.77	28.62
VIIth Year				23.88	7.96	47.76

	IIInd Year				IIIrd Year				IVth Year				Vth Year			
	Afforestation		Fuel & Fodder	Total	Afforestation		Fuel & Fodder	Total	Afforestation		Fuel & Fodder	Total	Afforestation		Fuel & Fodder	Total
	Timber	Ornamental			Timber	Ornamental			Timber	Ornamental			Timber	Ornamental		
%	40	12	48	100	40	12	48	100	40	12	48	100	40	12	48	100
No. of Plants	210	63	252	525	272	81	327	680	272	81	327	680	242	72	291	605
ha	0.76	0.23	0.40	1.39	0.98	0.29	0.52	1.79	0.98	0.29	0.52	1.79	0.87	0.26	0.47	1.60
Horticulture	Mango/Bel/ Jack Fruits	Guava	Citrus & Other Fruits		Mango/ Bel/ Jack Fruits	Guava	Citrus & Other Fruits		Mango/ Bel/ Jack Fruits	Guava	Citrus & Other Fruits		Mango/ Bel/ Jack Fruits	Guava	Citrus & Other Fruits	
%	30	10	60	100	30	10	60	100	30	10	60	100	30	10	60	100
No. of Plants	255	85	510	850	314	105	626	1045	314	105	626	1045	314	105	626	1045
ha	2.55	0.42	1.83	4.80	3.14	0.51	2.25	5.90	3.14	0.51	2.25	5.90	3.14	0.51	2.25	5.90

Year wise details of Land Development Activities At a Glance under						Kachaura, IWMP-IV		District- Mathras (Mahanaya Nagar)		(Area in ha)	
Year	Afforestation		Sub Total	Fuel & Fodder		Sub Total	Net Area under Afforestation	Horticulture		Total	Grand Total
	Block	Scattered		Block	Scattered			Block	Scattered		
IInd Year	11.00	1.39	12.39	5.28	0.67	5.95	6.44	11.00	4.80	15.80	28.19
IIIrd Year	13.00	1.79	14.79	6.24	0.86	7.10	7.69	26.00	5.90	31.90	46.69
IVth Year	13.00	1.79	14.79	6.24	0.86	7.10	7.69	26.00	5.90	31.90	46.69
Vth Year	13.00	1.60	14.60	6.24	0.77	7.01	7.59	26.00	5.90	31.90	46.50
Total	50.00	6.57	56.57	24.00	3.15	27.15	29.42	89.00	22.50	111.50	168.07

Year wise Details of Horticulture Crops (Area in ha)					
	IInd Year	IIIrd Year	IVth Year	Vth Year	Total
Mango/Bel/ Jack Fruits	4.74	9.57	9.57	9.57	33.45
Guava	1.58	3.19	3.19	3.19	11.15
Citrus & Others	9.48	19.14	19.14	19.14	66.90
Total :-	15.80	31.90	31.90	31.90	111.50

Crop Wise/Year Wise Productivity in T and Value in Rs. Based on 10 Year Projection								
Crop	Production/ha at Maturity after 10 Years in Tonnes	Vth Year (12%)	Vith Year (20%)	VIIth Year (35%)	VIIIth Year (55%)	IXth Year (80%)	Xth Year (100%)	Value/Ton in Rs.
Mango/Bel/ Jack Fruits	7	0.84	1.40	2.45	3.85	5.6	7	15000
Guava	12	1.44	2.40	4.20	6.6	9.6	12	15000
Citrus and Others	12	1.44	2.40	4.20	6.6	9.6	12	16000
Fuel and Fodder	18	2.16	3.60	6.30	9.9	14.4	18	2000

Crop Wise/Year Wise Production and Production Value (benefits), Production in Tonnes and value in Rs.													
Crops	Vth Year				VIth				VIIth Year				Total
	Area	Production/ha	Total Production	Value	Area	Production/ha	Total Production	Value	Area	Production/ha	Total Production	Value	Area
Mango	4.74	0.84	3.98	59700	14.31	1.40	20.03	300450	23.88	2.45	58.5	877500	42.93
Guava	1.58	1.44	2.27	34050	4.77	2.40	11.44	171600	7.96	4.20	33.43	501450	14.31
Citrus and Other Fruits	9.48	1.44	13.65	218400	28.62	2.40	68.68	1098880	47.76	4.20	200.59	3209440	85.86
Fuel and Fodder	5.95	2.16	12.84	25680	13.05	3.60	46.96	93920	20.15	6.30	126.91	253820	39.14
Total :	21.75	5.88		337830	60.75		147.11	1664850	99.75		419.43	4842210	182.24

		859764				3817698				10576200			
At 75% Survival	Mango		2.98	44700			15.02	225300			43.87	658050	
	Guava		1.7	25500			8.58	128700			25.07	376050	
	Citrus and Other Fruits		10.23	163680			51.51	824160			150.44	2407040	
	Fuel and Fodder		9.63	19260			35.22	70440			95.18	190360	
	Total :		24.54	253140			110.33	1248600			314.56	3631500	

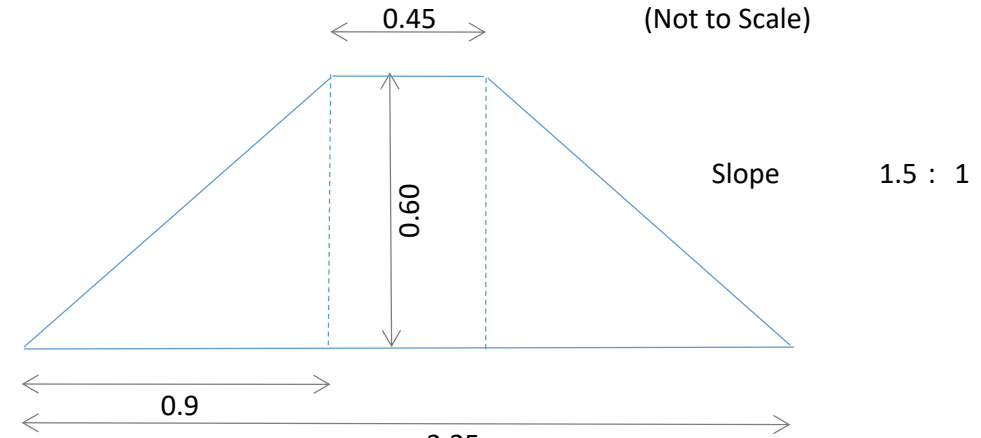
WC Wise Planing of Contour Bund (CB) Under Project			Kachaura, IWMP-IV		District-		Hathras (Mahamaya Nagar)		(Phy. In rmt, Fin. In Lakhs)	
NAME of WC	IInd year		IIIrd Year		IVth Year		Vth Year		Total	
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Agsauli	1714	1.291	4846	3.649	5060	3.810	4662	3.510	16282	12.26
Bargawan	2145	1.615		0.000		0.000		0.000	2145	1.62
Bartar Khas		0.000	1622	1.221	1633	1.230	1331	1.002	4586	3.45
Birawar		0.000		0.000		0.000	257	0.194	257	0.19
Ganthari Shahpur		0.000		0.000	1455	1.096	1664	1.253	3119	2.35
Kachaura	1391	1.047	4230	3.185	4401	3.314	4152	3.126	14174	10.67
Nauratha Isapur	925	0.697	1925	1.450	840	0.633	1327	0.999	5017	3.78
Rampur Nagla Chatol		0.000	814	0.613		0.000		0.000	814	0.61
Total	6175	4.65	13437	10.118	13389	10.082	13393	10.085	46394	34.935
OUTLETS (for safe Disposal of Water)										
Nos	12	0.090	26	0.195	26	0.195	26	0.195	90	0.675
Amount @ Rs. 0.0075 lac per Outlet	0.09		0.195		0.195		0.195		0.675	

WC Wise Planing of Marginal Bund (MB) Under Project			Kachaura, IWMP-IV		District-		Hathras (Mahamaya Nagar)		(Phy. In rmt, Fin. In Lakhs)	
NAME of WC	IInd year		IIIrd Year		IVth Year		Vth Year		Total	
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Agsauli	1200	2.243	1362	2.546	1475	2.757		0.000	4037	7.55
Bargawan		0.000		0.000		0.000	864	1.615	864	1.61
Bartar Khas		0.000	1671	3.123		0.000		0.000	1671	3.12
Birawar	622	1.163		0.000		0.000		0.000	622	1.16
Ganthari Shahpur		0.000		0.000	1693	3.164		0.000	1693	3.16
Kachaura		0.000		0.000		0.000	2838	5.304	2838	5.30
Nauratha Isapur		0.000	1412	2.639		0.000		0.000	1412	2.64
Rampur Nagla Chatol		0.000		0.000	1215	2.271	660	1.234	1875	3.50
Total	1822	3.405	4445	8.308	4383	8.192	4362	8.153	15012	28.057
OUTLETS (for safe Disposal of Water)										
Nos	3	0.45	8	1.200	8	1.200	8	1.200	27	4.050
Amount @ Rs. 0.15 lac per Outlet	0.45		1.20		1.20		1.20		4.05	

WC Wise Planing of Peripheral Bund (PB) Under Project			Kachaura, IWMP-IV		District-		Hathras (Mahamaya Nagar)		(Phy. In rmt, Fin. In Rs.)	
NAME of WC	IInd year		IIIrd Year		IVth Year		Vth Year		Total	
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Bartar Khas		0.00	849	1.59		0.00		0.00	849	1.59
Kachaura		0.00		0.00	2184	4.08	622	1.16	2806	5.24
Nauratha Isapur	652	1.22		0.00		0.00		0.00	652	1.22
Total	652	1.22	849	1.59	2184	4.08	622	1.16	4307	8.05
OUTLETS (for safe Disposal of Water)										
Nos	1	0.15	1	0.150	4	0.600	1	0.150	7	1.050
Amount @ Rs. 0.15 lac per Outlet	0.15		0.15		0.60		0.15		1.05	

Estimate Of Contour Bund (CB)

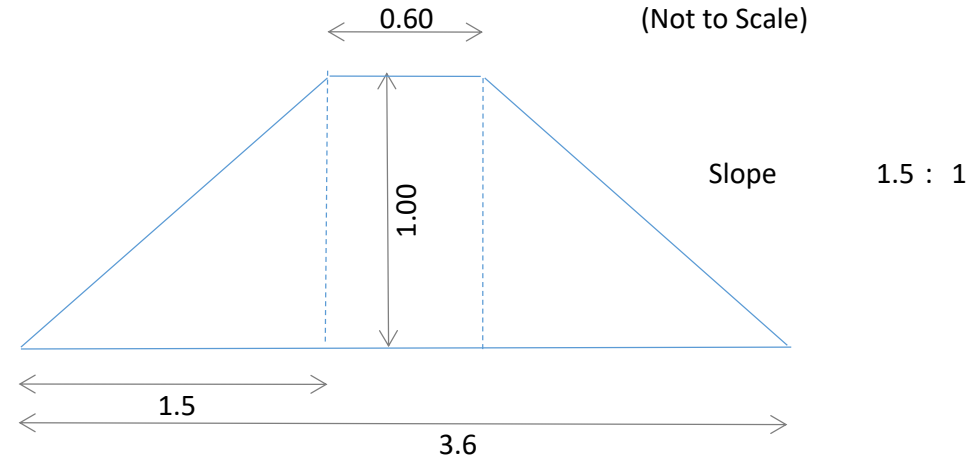
Length	1	meter
Top	0.45	meter
Base	2.25	meter
Height	0.60	meter
Side Slope	1.5 : 1	
Labour Rate Rs./day	175.00	
Labour out put in cmt.	2.85	
Rate /cmt. Rs.	61.40	
Dressing Charge	21.00	
Total Rate/cmt.	82.40	



		2.25
CS	$(T+B)/2 \cdot h$	0.81 sq m
Earth Work	CS*L	0.81 cmt
Existing CS		0.02 sq m
Actual CS for Execution		0.79 sq m
Rate/cmt. Rs.		82.40
Amount		65.10
Sodding Area		2.61 sq m
Rate/sqm Rs.		3.89
Amount		10.17
Amount/per m length		75.26
Say		75.30

Estimate Of Marginal Bund (MB)

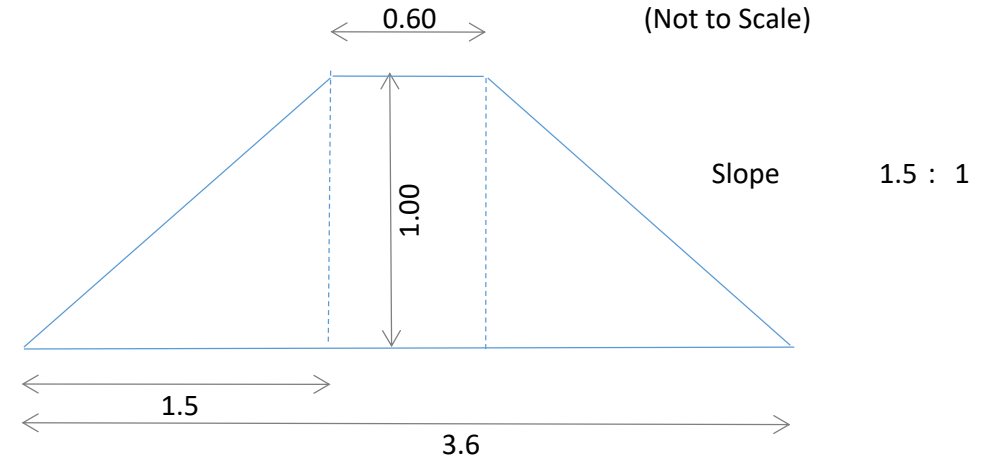
Length	1	meter
Top	0.60	meter
Base	3.60	meter
Height	1.00	meter
Side Slope	1.5 : 1	
Labour Rate Rs./day	175.00	
Labour out put in cmt.	2.85	
Rate /cmt. Rs.	61.40	
Dressing Charge	21.00	
Total Rate/cmt.	82.40	



		3.6
CS	$(T+B)/2 \cdot h$	2.10 sq m
Earth Work	CS*L	2.10 cmt
Existing CS		0.03 sq m
Actual CS for Execution		2.07 sq m
Rate/cmt. Rs.		82.40
Amount/per m length		170.57
Sodding Area		4.206 sq m
Rate/sqm Rs.		3.89
Amount		16.36
Amount/per m length		186.93
Say		186.90

Estimate Of Pheripheral Bund (PB)

Length	1	meter
Top	0.60	meter
Base	3.60	meter
Height	1.00	meter
Side Slope	1.5 : 1	
Labour Rate Rs./day	175.00	
Labour out put in cmt.	2.85	
Rate /cmt. Rs.	61.40	
Dressing Charge	21.00	
Total Rate/cmt.	82.40	



		3.6
CS	$(T+B)/2 \cdot h$	2.10 sq m
Earth Work	CS*L	2.10 cmt
Existing CS		0.03 sq m
Actual CS for Execution		2.07 sq m
Rate/cmt. Rs.		82.40
Amount/per m length		170.57
Sodding Area		4.206 sq m
Rate/sqm Rs.		3.89
Amount		16.36
Amount/per m length		186.93
Say		186.90

SMC work Under IWMP FUND		Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)			(Phy. In rmt, Fin. In Lakhs)		
Total Amount										
NAME of WC	IInd year		IIIrd Year		IVth Year		Vth Year		Total	
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Tikari Kalan		1.077		1.220		0.931		0.000	0	3.228
Total	0	1.0770	0	1.220	0	0.931	0	0.000	0	3.23
WC Wise Planing of Contour Bund (CB)										
NAME of WC	IInd year		IIIrd Year		IVth Year		Vth Year		Total	
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Tikari Kalan	574	0.432	382	0.288	0	0.000		0.000	956	0.72
Total	574	0.43	382	0.288	0	0.000	0	0.000	956	0.720
WC Wise Planing of Marginal Bund (MB)										
NAME of WC	IInd year		IIIrd Year		IVth Year		Vth Year		Total	
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Tikari Kalan	345	0.645	499	0.933	498	0.931		0.000	1342	2.51
Total	345	0.64	499	0.933	498	0.931	0	0.000	1342	2.508
WC Wise Planing of Peripheral Bund (PB)										
NAME of WC	IInd year		IIIrd Year		IVth Year		Vth Year		Total	
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Tikari Kalan		0.000		0.000		0.000		0.000	0	0.00
Total	0	0.00	0	0.000	0	0.000	0	0.000	0	0.000

At a Glance		Year Wise Physical and Financial Annual Action Plan Of Water Harvesting Structures Under WDW																
Kachaura, IWMP-IV				District-		Hathras (Mahamaya Nagar)						(Phy. In No.-Fin in Lakhs)						
S. No.	Name of WC	Area	Amount	Funds Available	ECD		Pond		WHB		DSW		Recharge structure in		R Pit		Total	
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.
1	Agsauli	1131	76.00	68.62	0	0	18	67.57	0	0	0	0	0	0	21	1.05	39	68.62
2	Bargawan	92	6.18	5.18	0	0	3	4.49	0	0	0	0	3	0.544	3	0.15	9	5.18
3	Bartar Khas	543	36.49	36.06	0	0	10	35.56	0	0	0	0	0	0	10	0.5	20	36.06
4	Birawar	202	13.57	10.02	0	0	4	9.87	0	0	0	0	0	0	3	0.15	7	10.02
5	Ganthari Shahpur	258	17.34	16.02	0	0	4	15.87	0	0	0	0	0	0	3	0.15	7	16.02
6	Kachaura	797	53.56	51.61	2	1.98	7	27.40	6	6.534	6	15	0	0	14	0.7	29	51.61
7	Nauratha Isapur	397	26.68	21.22	0	0	7	20.87	0	0	0	0	0	0	7	0.35	14	21.22
8	Rampur Nagla Chatol	159	10.68	7.90	1	1.008	3	6.84	0	0	0	0	0	0	1	0.05	5	7.90
9	Tikari Kalan	56	3.76	3.23	0	0	0	0.00	0	0	0	0	0	0	0	0	0	0.00
Total		3635	244.27	219.86	3	2.99	56	188.46	6	6.53	6	15.00	3	0.54	62	3.10	130	216.63

IInd Year		Year Wise Physical and Financial Annual Action Plan Of Water Harvesting Structures Under WDW																
Kachaura, IWMP-IV					District-						Nainital (Manamaya Nagar)				(Phy. In No.-Fin in Lakhs)			
S. No.	Name of WC	Area	Amount	Funds Available	ECD		Pond		WHB		DSW		Recharge structure in		R Pit		Total	
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.
1	Agsauli	1131	10.179	9.19			3	8.89							6	0.30	9	9.19
2	Bargawan	92	0.828	0.69									3	0.54	3	0.15	6	0.69
3	Bartar Khas	543	4.887	4.83			1	4.78							1	0.05	2	4.83
4	Birawar	202	1.818	1.34			1	1.34								0.00	1	1.34
5	Ganthari Shahpur	258	2.322	2.15			1	2.15								0.00	1	2.15
6	Kachaura	797	7.173	6.91	2	1.98	1	4.83							2	0.10	5	6.91
7	Nauratha Isapur	397	3.573	2.84			1	2.79							1	0.05	2	2.84
8	Rampur Nagla Chatol	159	1.431	1.06	1	1.01									1	0.05	2	1.06
9	Tikari Kalan	56	0.504	0.43												0.00	0	0.00
Total		3635	32.72	29.45	3	2.99	8	24.78	0	0.00	0	0.00	3	0.54	14	0.70	28	29.01

32.715

IIIrd Year		Year Wise Physical and Financial Annual Action Plan Of Water Harvesting Structures Under WDW																
Kachaura, IWMP-IV					District-					Matnras (Manamaya Nagar)					(Phy. In No.-Fin in Lakhs)			
S. No.	Name of WC	Area	Amount	Funds Available	ECD		Pond		WHB		DSW		Recharge structure in		R Pit		Total	
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.
1	Agsauli	1131	21.95	19.82			5	19.57							5	0.25	10	19.82
2	Bargawan	92	1.79	1.50			1	1.50								0.00	1	1.50
3	Bartar Khas	543	10.54	10.42			3	10.27							3	0.15	6	10.42
4	Birawar	202	3.92	2.89			1	2.84							1	0.05	2	2.89
5	Ganthari Shahpur	258	5.01	4.63			1	4.58							1	0.05	2	4.63
6	Kachaura	797	15.47	14.91			2	7.53	2	2.178	2	5.00			4	0.20	8	14.91
7	Nauratha Isapur	397	7.71	6.13			2	6.03							2	0.10	4	6.13
8	Rampur Nagla Chatol	159	3.09	2.28			1	2.28								0.00	1	2.28
9	Tikari Kalan	56	1.09	0.93												0.00	0	0.00
Total		3635	70.55535	63.50135	0	0.00	16	54.59	2	2.18	2	5.00	0	0.00	16	0.80	34	62.5694

IVth Year

Year Wise Physical and Financial Annual Action Plan Of Water Harvesting Structures Under WDW

Kachaura, IWMP-IV				District-		Hathras (Mahamaya Nagar)						(Phy. In No.-Fin in Lakhs)						
S. No.	Name of WC	Area	Amount	Funds Available	ECD		Pond		WHB		DSW		Recharge structure in		R Pit		Total	
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.
1	Agsauli	1131	21.95	19.82			5	19.57							5	0.25	10	19.82
2	Bargawan	92	1.79	1.50			1	1.50								0.00	1	1.50
3	Bartar Khas	543	10.54	10.42			3	10.27							3	0.15	6	10.42
4	Birawar	202	3.92	2.89			1	2.84							1	0.05	2	2.89
5	Ganthari Shahpur	258	5.01	4.63			1	4.58							1	0.05	2	4.63
6	Kachaura	797	15.47	14.91			2	7.53	2	2.178	2	5.00			4	0.20	8	14.91
7	Nauratha Isapur	397	7.71	6.13			2	6.03							2	0.10	4	6.13
8	Rampur Nagla Chatol	159	3.09	2.28			1	2.28								0.00	1	2.28
9	Tikari Kalan	56	1.09	0.93												0.00	0	0.00
Total		3635	70.56	63.501	0	0.00	16	54.59	2	2.18	2	5.00	0	0.00	16	0.80	34	62.569

Vth Year		Year Wise Physical and Financial Annual Action Plan Of Water Harvesting Structures Under WDW																
Kachaura, IWMP-IV					District-		Hathras (Mahamaya Nagar)							(Phy. In No.-Fin in Lakhs)				
S. No.	Name of WC	Area	Amount	Funds Available	ECD		Pond		WHB		DSW		Recharge structure in		R Pit		Total	
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.
1	Agsauli	1131	21.92	19.79			5	19.54							5	0.25	10	19.79
2	Bargawan	92	1.78	1.49			1	1.49								0.00	1	1.49
3	Bartar Khas	543	10.52	10.40			3	10.25							3	0.15	6	10.40
4	Birawar	202	3.91	2.89			1	2.84							1	0.05	2	2.89
5	Ganthari Shahpur	258	5.00	4.62			1	4.57							1	0.05	2	4.62
6	Kachaura	797	15.45	14.88			2	7.51	2	2.178	2	5.00			4	0.20	8	14.88
7	Nauratha Isapur	397	7.69	6.12			2	6.02							2	0.10	4	6.12
8	Rampur Nagla Chatol	159	3.08	2.28			1	2.28								0.00	1	2.28
9	Tikari Kalan	56	1.09	0.93												0.00	0	0.00
Total		3635	70.45	63.4073	0	0.00	16	54.50	2	2.18	2	5.00	0	0.00	16	0.80	34	62.4770

MONITORING AND EVALUATION

Monitoring (1% of the Project Cost) Rs. 4.362 Lakhs

Regular Monitoring of the project have to be carried out at each stage. We propose -

1. On line monitoring as per format prescribed by the Government of India in the Department of Land Resources (DoLR) is to be done continuously. Monitoring will include process and outcome monitoring.
2. The Project Implementing Agency (PIA) will compulsorily submit monthly/quarterly Progress Reports countersigned by the member of Watershed Development Team to the SLNA vis-à-vis WCDC.
3. The WCDC will have one member exclusively for monitoring.
4. The WCDC will ensure uploading of monitoring data complete in all aspects to SLNA and DoLR as per Format and guidelines issued from time to time.

Budget provision for Monitoring-

Project Fund-There is fund provision amounting to Rs. 1% of the total Project Cost in the DPR. The year wise breakup of the allotted amount is also prescribed in

- Online monitoring must become a feature of all projects.
- Monitoring should include process and outcome monitoring.
- The PIA shall submit monthly/quarterly progress reports (countersigned by the Watershed Committee (WC) President) to the WCDC for further submission to the SLNA.
- The WCDC will have one member exclusively responsible for monitoring.

Different streams of monitoring are proposed

- Internal Monitoring by Project Teams (PIA/WCDC)
- Progress Monitoring
- GIS/ Web Based On-Line Monitoring
- Self Monitoring by communities
- Sustainability Monitoring
- Social Audits (atleast one Social Audit Event should be organized on Watershed Committee wise on yearly basis.
- Independent and External Monitoring by independent agencies
- Process Monitoring

Streams of Monitoring Different Streams of monitoring as prescribed by the Department of Land Resources, Government of India are to be

1. Internal monitoring by Project Team. The PIA and the WCDC must arrange adequate arrangement for internal monitoring of the Project.
2. Progress of the Quarter must be reported in time without delay and must be monitored so that the time schedule as per approved DPR is strictly followed. If there
3. GIS Web based On-line monitoring must be done as per laid down directives as well as instructions from SLNA and DoLR, Government of India issued from time to time.
4. Self Monitoring by Communities is to be done from time to time.
5. Sustainability of the outputs due to interventions in the project area should be monitored.
6. Arrangements for Independent and external monitoring as well as social auditing should be appropriately made.
7. Time to time monitoring of anticipated outcomes such as Soil Loss, Ground Water Recharge, amelioration of environmental parameters, Production enhancement, Income generation, Employment generation, increase in vegetative cover, status of Water Harvesting Structures, additional area brought under irrigation, etc. must be recorded and reported to WCDC/SLNA.

Under the project Area implementation programme a separate Watershed Development Fund Account will be opened and maintained as per the IWMP Guidelines.

To control the activities at the stage of implementing, proper plans was formed for monitoring and Evaluation. Project monitoring is one of the important components in

Three Tiers of Monitoring:

The following three tiers of monitoring are planned:

First Tier (Monitoring of activities) :

This will be carried out by PIA along with WDT and WC to monitor the implementation of all activities as per the action plan. The monitoring also aims at ensuring

Second Tier (Monitoring of outputs) :

To check the outputs of the activities, PIA along with WDT monitors as per the logical frame work. The indicators are selected considering the broad objectives of the

Third Tier (Monitoring of Outcomes) :

Project Implementation Agency along with the WC will monitor the overall outcomes of the objectives as per the logical frame. The outcomes level monitoring will start in the second year and continue on an annual basis. Most of the information can be available from the sets of output level indicators. Participatory methods will be used at the time of monitoring the activities.

The methods of collecting sample data for the monitoring activities will be clearly documented in the monitoring report. The detail of the monitoring system is presented in the table as under.

Tiers of Monitoring	Basis of monitoring	Frequency of monitoring	Orientation of the Indicator	Monitoring by
First tier	Immediate result basis	Regular Monthly Monitoring	Activity oriented	Local People organizations
Second Tier	Monitoring of Outputs	Regular monitoring (Quarterly, half yearly and annually)	Objective oriented	Internal project team (WDT, PIA & Experts)
Third Tier	Monitoring of Outcomes	Annually but monitoring start from second year onwards.	Goal Oriented	<ul style="list-style-type: none"> • Specified monitoring team formed by WCDC • External Monitoring team by PIA/SLNA

Vigilance and Monitoring Committees :-

- For every work sanctioned under the Scheme, there should be a local vigilance and monitoring committee, composed of members of the locality or village where the work is undertaken, to monitor the progress and quality of work while it is in progress. The Gram Sabha will elect the members of this committee and ensure that SC/STs and women are represented on it.
- The Implementing Agency should apprise this committee of estimates regarding the work, time frame and quality parameters. The final report of the committee
- Local beneficiary committees may also be constituted for effective articulation of their entitlements and their access to them. The PIA members will be responsible for ensuring that local

Evaluation (1% of the Project Cost) - Rs. 4.362 Lakhs

1.Evaluation will include physical, financial and social audit of the work done.

2.Panel of evaluating agencies-

a)At Central Level there is a panel of evaluating agencies. A minimum percentage of evaluations and impact studies will be carried out by National Level agencies.

b)There is a SLNA level panel of evaluators approved by the Departmental Nodal Agency at SLNA Level. This panel includes only institutions not individuals.

c)The panel to be entrusted for evaluation of the project will not belong to the project area.

d)Evaluators will evaluate the project work as per specific instructions of the Government of India as well as of the SLNA.

e)The Fund release by Government of India on a favourable report from the evaluators.

f)An amount of Rs 1% of the Project Cost is provided in the DPR for evaluation of the project.

Evaluation will be done on the completion of following phase :-

i.Preparatory phase.

ii.Work Phase.

iii.Consolidation Phase.

Budget provision for Monitoring-

Project Fund-There is fund provision amounting to Rs. 1% of the total Project Cost in the DPR. The year wise breakup of the allotted amount is also prescribed in the table.

Microwatershed-wise Financial Break-up of Monitoring Component (Year-wise -1% of the Project Cost) Area in ha Amount in Lakhs																																	
Kachaura, IWMP-IV															District-		Hathras (Mahamaya Nagar)																
S. No.	MWS Code	Name of MWS	Area	Ist Year (0.0%)				Total	IInd Year (0.2%)				Total	IIIrd Year (0.2%)				Total	IVthYear (0.2%)				Total	Vth Year (0.4%)				TOTAL	TOTAL (1%)				Total
				SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC	
1	2B3D5e1a	Kachaura	350	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.02	0.00	0.08	0.02	0.04	0.03	0.00	0.08	0.02	0.04	0.03	0.00	0.08	0.03	0.08	0.05	0.00	0.17	0.09	0.21	0.12	0.00	0.42
2	2B3D5e1b	Kachaura	680	0.00	0.00	0.00	0.00	0.00	0.04	0.08	0.04	0.00	0.16	0.03	0.08	0.05	0.00	0.16	0.03	0.08	0.05	0.00	0.16	0.07	0.16	0.10	0.00	0.33	0.17	0.41	0.24	0.00	0.82
3	2B3D5e1c	Nauratha Isapur	402	0.00	0.00	0.00	0.00	0.00	0.02	0.05	0.02	0.00	0.10	0.02	0.05	0.03	0.00	0.10	0.02	0.05	0.03	0.00	0.10	0.04	0.10	0.06	0.00	0.19	0.10	0.24	0.14	0.00	0.48
4	2B3D5e1d	Bartar Khas	321	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.02	0.00	0.08	0.02	0.04	0.02	0.00	0.08	0.02	0.04	0.02	0.00	0.08	0.03	0.08	0.05	0.00	0.15	0.08	0.19	0.11	0.00	0.39
5	2B3D5e1e	Bartar Khas	495	0.00	0.00	0.00	0.00	0.00	0.03	0.06	0.03	0.00	0.12	0.02	0.06	0.04	0.00	0.12	0.02	0.06	0.04	0.00	0.12	0.05	0.12	0.07	0.00	0.24	0.12	0.30	0.17	0.00	0.59
6	2B3D5e2a	Kachaura	96	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.02	0.00	0.01	0.01	0.00	0.02	0.00	0.01	0.01	0.00	0.02	0.01	0.02	0.01	0.00	0.05	0.02	0.06	0.03	0.00	0.12
7	2B3D5e2c	Ganthari Shahpur	657	0.00	0.00	0.00	0.00	0.00	0.04	0.08	0.04	0.00	0.16	0.03	0.08	0.05	0.00	0.16	0.03	0.08	0.05	0.00	0.16	0.06	0.16	0.09	0.00	0.32	0.17	0.39	0.23	0.00	0.79
8	2B3D5e2d	Agsauli	634	0.00	0.00	0.00	0.00	0.00	0.04	0.08	0.04	0.00	0.15	0.03	0.08	0.05	0.00	0.15	0.03	0.08	0.05	0.00	0.15	0.06	0.15	0.09	0.00	0.30	0.16	0.38	0.22	0.00	0.76
Total:			3635	0.000	0.000	0.000	0.000	0.000	0.218	0.436	0.218	0.000	0.872	0.174	0.436	0.262	0.000	0.872	0.174	0.436	0.262	0.000	0.872	0.349	0.872	0.523	0.000	1.745	0.916	2.181	1.265	0.000	4.362

Microwatershed-wise Financial Break-up of Evaluation Component (Year-wise -1% of the Project Cost) Area in ha Amount in Lakhs																																	
Kachaura, IWMP-IV															District-		Hathras (Mahamaya Nagar)																
s. No.	MWS Code	Name of MWS	Area	Ist Year (0.0%)				Total	IInd Year (0.3%)				Total	IIIrd Year (0.175%)				Total	IVthYear (0.175%)				Total	Vth Year (0.350%)				TOTAL	TOTAL (1%)				Total
				SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC		SLNA	WCDC	PIA	WC	
1	2B3D5e1a	Kachaura	350	0	0	0	0	0.00	0.126	0	0	0	0.13	0.074	0	0	0	0.07	0.074	0	0	0	0.07	0.147	0	0	0	0.15	0.42	0	0	0	0.42
2	2B3D5e1b	Kachaura	680	0	0	0	0	0.00	0.245	0	0	0	0.24	0.143	0	0	0	0.14	0.143	0	0	0	0.14	0.286	0	0	0	0.29	0.816	0	0	0	0.82
3	2B3D5e1c	Nauratha Isapur	402	0	0	0	0	0.00	0.145	0	0	0	0.14	0.084	0	0	0	0.08	0.084	0	0	0	0.08	0.169	0	0	0	0.17	0.482	0	0	0	0.48
4	2B3D5e1d	Bartar Khas	321	0	0	0	0	0.00	0.116	0	0	0	0.12	0.067	0	0	0	0.07	0.067	0	0	0	0.07	0.135	0	0	0	0.13	0.385	0	0	0	0.39
5	2B3D5e1e	Bartar Khas	495	0	0	0	0	0.00	0.178	0	0	0	0.18	0.104	0	0	0	0.10	0.104	0	0	0	0.10	0.208	0	0	0	0.21	0.594	0	0	0	0.59
6	2B3D5e2a	Kachaura	96	0	0	0	0	0.00	0.035	0	0	0	0.03	0.02	0	0	0	0.02	0.02	0	0	0	0.02	0.04	0	0	0	0.04	0.115	0	0	0	0.12
7	2B3D5e2c	Ganthari Shahpur	657	0	0	0	0	0.00	0.237	0	0	0	0.24	0.138	0	0	0	0.14	0.138	0	0	0	0.14	0.276	0	0	0	0.28	0.788	0	0	0	0.79
8	2B3D5e2d	Agsauli	634	0	0	0	0	0.00	0.228	0	0	0	0.23	0.133	0	0	0	0.13	0.133	0	0	0	0.13	0.266	0	0	0	0.27	0.761	0	0	0	0.76
Total:			3635	0.000	0.000	0.000	0.000	0.000	1.309	0.000	0.000	0.000	1.309	0.763	0.000	0.000	0.000	0.763	0.763	0.000	0.000	0.000	0.763	1.527	0.000	0.000	0.000	1.527	4.362	0.000	0.000	0.000	4.362

CONSOLIDATION AND WITHDRAWAL PHASE (3% of the Project Cost)

The last two years are the Consolidation and Withdrawal Phase of the Watershed development programme. This is the crucial phase of the project as the local institutions will be trained to manage the project independently after withdrawal of the Government Institutions from the project area.

The main purpose of this phase is to create innovative NRM based, sustainable livelihoods and raise/enhance productivity levels of the augmented resources and local economic development plans developed during the watershed works phase.

CONSOLIDATION AND WITHDRAWAL STRATEGY

Success of the programme depends on Different watershed interventions and sustainability can only be achieved through active participation of community. It will be on capacity building and empowerment of stakeholders. The WC SHGs UGs etc. will be on established trained and strengthened to continue development after withdraw of PIA. By building economic activities through CBOs community participation will be sustained. The need based and demand driven interventions will reduce dependency on subsidies. Contribution from the community will be ensured for the entire activities to develop sense of belongingness and the contribution will be deposited to the account of watershed development fund (WDF). It will also be strengthening through donations from the individuals and institutions and the CBOs will be trained to run watershed as business model on sustainable basis. The tangible economic benefits alongwith empowerment by PIA will empower the CBOs to develop and sustain the watershed activities after withdrawal stablishment of Public Private Partnership (PPP) Model.

category of farmers for various activities, user charges and Watershed Developm

The consolidation phase will also include:-

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

The activities those will be under taken during this phase are:

- 1.Completion of various leftover works under taken during work phase.
- 2.Consensus among the villagers to take up any new works out of any unspent amount.
- 3.Preparation of Project completion report with details about status of each asset.
- 4.Documentation of successful experiences as well as lessons learnt for future use.
- 5.Evolving mechanisms to improve the sustainability of various interventions made in the project area.
- 6.Formulation of mechanisms for allocation of user's right over common property resources.
- 7.Formulation of mechanisms to collect user charges for common property resources (CPR).
- 8.Creation of awareness and building capacity of the community to repair, maintain and protection of common property resources.
- 9.Training the user groups for optimum utilization of the developed natural resources.

- 10.Up scaling of successful experiences related to farm production system and off- farm livelihood activities undertaken through revolving fund under the project as well as credit and technical support from external institutions.
- 11.Evolving marketing arrangements of the farm produce as well as the off-farm and other micro enterprises.
- 12.Formation of Farmer's Federation for credit, input procurement, sale of local produce etc.

Under the project Area for the implementation of programme a separate Watershed Development Fund Account will be opened and maintained as per the IWMP Guidelines.

Withdrawal Mechanism:

- 1.At the end of the project, The Watershed Committee is to take the responsibility for post project management .For which the Memorandum of Agreement is to be formulated between the PIA and Watershed Committee on the following terms and conditions.
- 2.The list of assets created under EPA, NRM, Production system & microenterprises and Livelihood support system is to be prepared with joint signature of the Chairman, Secretary of the Watershed committee and PIA. The Watershed Committee will retain one copy of the list for future reference.
- 3.The amount lying unspent as on closing date will be transferred to the Watershed Development Fund.
- 4.Watershed Committee will be authorised to use only one Bank account i.e. WDF account.
- 5.Yearly auditing of the accounts by the Chartered Accountant will be mandatory and to be adhered strictly.
- 6.The office bearer of the Watershed Committee shall involve all the community irrespective of caste, creed and religion.
- 7.The Gram Sabha shall have the right to decide the user charges to be collected from the beneficiaries which shall be deposited under the watershed development fund.
- 8.The cost of repair and maintenance of the assets created out of NRM component shall be borne out of Watershed development fund by using maximum 50% of the amount collected in a year.
- 9.The WDF account will primarily run as revolving fund.
- 10.No individual beneficiary should be granted any sort of grant or financial assistance in any form.
- 11.The SHGs and UGs shall have the eligibility to take loan from the WDF with marginal interest as decided by Gram Sabha.
- 12.The Watershed Committee is also at their liberty to start new profit making ventures by utilising WDF as security deposit and the profit earned should go to the WDF.
- 13.The remuneration for the Watershed secretary will be finalised in the Gram Sabha.
- 14.The Watershed Committee may collect financial assistance from any other sources to augment the WDF. All donations, interests, fines and fees shall be deposited in the WDF.
- 15.The WDF Bank Account shall be jointly operated and maintained as per the IWMP guidelines by the Chairman and Secretary of the watershed committee.
- 16.All the expenditure shall be authenticated by the Watershed committee.
- 17.Annual meeting of the Gram Sabha is mandatory. However it may meet at any time if required.
- 18.The Watershed Committee should meet in every quarter to review the income and expenditure.
- 19.Any change in the Watershed Committee or its office bearer shall be made once it is resolved in the Gram Sabha. The Gram Sabha should believe in rotational leadership.
- 20.All the group representatives, at least one from each group shall be ensured in the Watershed Committee.
- 21.The decision approved and resolved in the Gram Sabha will only be implemented by the Watershed Committee.
- 22.In case of any embezzlement of fund, the Administrative system shall proceed according to Rules and Laws.
- 23.In the event of Gram Sabha and watershed Committee become defunct, the assets created under the project and WDF will be transferred to the Panchayat.

In the consolidation phase, the PIA would initiate works which lead to furtherance of the benefits and to sustainability of impacts. Please refer the Common Guidelines, 2008 for detailed explanation.

However, emphasis will be given to the following activities -

ØPromoting **judicious use of water** by scaling up of Micro Irrigation Systems; encouraging more and more farmers to use such techniques

ØScaling up of successful interventions in the project

ØScaling up forward and backward **linkages** established during the works phase, especially, credit and marketing linkages

ØScaling up of people's collectives, like making the WCs/SHGs/UGs into **Federations** at project level or district level

ØDocumentation of successful interventions and farmer-cases focusing on the learning there-from

ØPrepare the **Project Completion Report (PCR)**; **the PIA shall submit the PCR to the WCDC in the format provided for the purpose**

ØPrepare a **withdrawal strategy** in such a way that the project is smoothly handed over to the Gram Sabha and the Gram Sabha delegates the responsibilities to the Watershed Committee for future management

ØPrepare a strategy for **Post-Project Management**.

ØDistributing roles and responsibilities to different stakeholders including village level institutions

ØDelegating authority to various individuals/institutions in relation to maintenance and up keep of the physical structures created during the works phase

Watershed Committee Wise Financial Break-up of Consolidation Component at Various Level (Area in ha-Amount in Lakhs)

Kachaura, IWMP-IV			District- Hathras (Mahamaya Nagar)				
S. No.	Name of WC	Area	Vth Year (3%) of the Project Cost				
			SLNA	WCDC	PIA	WC	Total
1	Agsauli	1131	0.136	0.136	0.271	3.529	4.072
2	Bargawan	92	0.011	0.011	0.022	0.287	0.331
3	Bartar Khas	543	0.065	0.065	0.130	1.694	1.955
4	Birawar	202	0.024	0.024	0.048	0.630	0.727
5	Ganthari Shahpur	258	0.031	0.031	0.062	0.805	0.929
6	Kachaura	797	0.096	0.096	0.191	2.487	2.869
7	Nauratha Isapur	397	0.048	0.048	0.095	1.239	1.429
8	Rampur Nagla Chatol	159	0.019	0.019	0.038	0.496	0.572
9	Tikari Kalan	56	0.007	0.007	0.013	0.175	0.202
Total :		3635	0.436	0.436	0.872	11.341	13.086

Details of Activities under Consolidation Plan of the Project Area of													Kachaura, IWMP-IV		District-		Hathras (Mahamaya Nagar)	
S. No.	Name of WC	Area	Amount in lacs	Completion of Various Left Over Work	Perparation of Project Completion Report	Documentat ion of Successful Experience	Management and Maintenance of Developed Natural Resources	Users right and users charges	Sustainable utilization of natural tesources	formation of federation for post project econnomic	Capacity building of CBOs for post project period	Managem nt and utilization of WDF	Intensific ation of PSME	Intensificati on of Livelihood	Total			
1	Agsauli	1131	4.0716	3.8366	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	4.0716			
2	Bargawan	92	0.3312	0.0962	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	0.3312			
3	Bartar Khas	543	1.9548	1.7198	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	1.9548			
4	Birawar	202	0.7272	0.4922	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	0.7272			
5	Ganthari Shahpur	258	0.9288	0.6938	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	0.9288			
6	Kachaura	797	2.8692	2.6342	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	2.8692			
7	Nauratha Isapur	397	1.4292	1.1942	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	1.4292			
8	Rampur Nagla Chatol	159	0.5724	0.3374	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	0.5724			
9	Tikari Kalan	56	0.2016	-0.0334	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	0.2016			
Total :		3635	13.0860	10.9710	0.1800	0.4500	0.1800	0.0900	0.1800	0.2250	0.0900	0.0900	0.3600	0.2700	13.0860			

LINKAGE	
<i>Backward Linkages :</i>	<i>Forward Linkages</i>
•Seed Certification	•Harvesting /threshing machinery
•Supply of Improved Variety of Seed	•Storage
•Supply of other Farming inputs	•Road network
•Fertilizer	•Transport facilities
•Pesticide	•Markets
•Credit Delivery System	•Agro, processing industries
•Extension services	•Milk and other collection centers
•Price support system	•Labour
•Tools/machinery	
•Nursery	

Convergence Plan At A Glance Under Project Area of			Kachaura, IWMP-IV				District-		Hathras (Mahamaya Nagar)				(Phy in Nos. Fin. In Lacs)			
S. No.	Component	Activity	Ist Year		IInd Year		IIIrd Year		IVth Year		Vth Year		Total		Name of Scheme/ Department	Level of Convergence
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.				
1	LA	Skill Training (in nos)					35	5.25	35	5.25	35	5.25	105	15.75	NRLM/ Skill Development Mission	PIA/Distrct Level
2	PSME															
	2.1	Vermi Compost Pit (in Nos.)			13	1.17	13	1.17	13	1.17	13	1.17	39	4.68	MGNAREGA	PIA/Distrct Level
	2.2	Nadep Compost Pit (in Nos.)			13	1.04	13	1.04	13	1.04	13	1.04	39	4.16		
	2.3	Cow Shelter(in Nos.)			0	0.00	13	5.85	0	0.00	13	5.85	13	11.70		
	2.4	Goat Shelter (in Nos.)			13	4.55	0	0.00	13	4.55	0	0.00	26	9.10		
	2.5	Poultry Shelter (in Nos.)			0	0.00	13	5.20	0	0.00	13	5.20	13	10.40		
	2.6	Azola Pit (in Nos.)			0	0.00	13	0.26	0	0.00	13	0.26	13	0.52		
	2.7	Fodder Through (in Nos.)			0	0.00	13	4.55	0	0.00	13	4.55	13	9.10		
	2.8	Sanjeeva Pit(in Nos.)			0	0.00	13	0.26	0	0.00	13	0.26	13	0.52		
	2.9	Micro Irrigation (in Nos.)														
	2.9.1	Sprinkler Irrigation (in Nos.)			6	0	6	0	6	0	6	0	18	0	*NHM/Deartment of Agricultur/PMKSY	PIA/Distrct Level
	2.9.2	Drip Irrigation			6	0	6	0	6	0	6	0	18	0		
	2.10	Poly House			0	0	6	0	0	0	6	0	6	0	*NHM	PIA/Distrct Level
	2.11	Agro Shed Net House			0	0	6	0	0	0	6	0	6	0		
3	SMC Work														MGNAREGA	PIA/Distrct Level
	3.1	Contour Bund (in rmt.)			6175	4.650	13437	10.118	13389	10.082	13393	10.085	46394	34.935		
	3.2	Nos. of Outlet			12	0.090	26	0.195	26	0.195	26	0.195	90	0.675		
	3.3	Marginal Bund (in rmt.)			1822	3.405	4445	8.308	4383	8.192	4362	8.153	15012	28.057		
	3.4	Nos. of Outlet			3	0.450	8	1.200	8	1.200	8	1.200	27	4.050		
	3.5	Perpheral Bund (in rmt.)			652	1.219	849	1.587	2184	4.082	622	1.163	4307	8.050		
	3.6	Nos. of Outlet			1	0.150	1	0.150	4	0.600	1	0.150	7	1.050		
TOTAL :				0.00		16.724		45.138		36.361		44.525		142.747		
* Financial for the Activity will be taken as per the norms and Guidelines of the respective departments applicable at the time of the execution.																

At A Glance		Convergence Programme Under the Component of PSME under the Project of												Kachaura, IWMP-IV		District-		Hathras (Mahamaya Nagar)				(Phy in No. Fin. In Lakhs)						
S.No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation-Sprinkler		Micro Irrigation-Drip		Poly House		Agro Shed Net House		Total	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
1	Agsauli	1131.00	12	1.08	12	0.96	6	2.70	6	2.10	6	2.40	6	0.12	6	2.10	6	0.12	8	0.00	8	0.00	4	0.00	4	0.00	84	11.580
2	Bargawan	92.00	4	0.36	4	0.32	2	0.90	2	0.70	2	0.80	2	0.04	2	0.70	2	0.04	0	0.00	0	0.00	0	0.00	0	0.00	20	3.860
3	Bartar Khas	543.00	4	0.36	4	0.32	2	0.90	2	0.70	2	0.80	2	0.04	2	0.70	2	0.04	4	0.00	4	0.00	2	0.00	2	0.00	32	3.860
4	Birawar	202.00	8	0.72	8	0.64	4	1.80	4	1.40	4	1.60	4	0.08	4	1.40	4	0.08	0	0.00	0	0.00	0	0.00	0	0.00	40	7.720
5	Ganthari Shahpur	258.00	4	0.36	4	0.32	2	0.90	2	0.70	2	0.80	2	0.04	2	0.70	2	0.04	0	0.00	0	0.00	0	0.00	0	0.00	20	3.860
6	Kachaura	797.00	4	0.36	4	0.32	2	0.90	2	0.70	2	0.80	2	0.04	2	0.70	2	0.04	8	0.00	8	0.00	4	0.00	4	0.00	44	3.860
7	Nauratha Isapur	397.00	8	0.72	8	0.64	4	1.80	4	1.40	4	1.60	4	0.08	4	1.40	4	0.08	4	0.00	4	0.00	2	0.00	2	0.00	52	7.720
8	Rampur Nagla Chatol	159.00	4	0.36	4	0.32	2	0.90	2	0.70	2	0.80	2	0.04	2	0.70	2	0.04	0	0.00	0	0.00	0	0.00	0	0.00	20	3.860
9	Tikari Kalan	56.00	4	0.36	4	0.32	2	0.90	2	0.70	2	0.80	2	0.04	2	0.70	2	0.04	0	0.00	0	0.00	0	0.00	0	0.00	20	3.860
Total		3635.00	52	4.68	52	4.16	26	11.70	26	9.10	26	10.40	26	0.52	26	9.10	26	0.52	24	0.00	24	0.00	12	0.00	12	0.00	332	50.18

IInd Year		Convergence Programme Under the Component of PSME under the Project of														Kachaura, IWMP-IV				District-		Hathras (Mahamaya)				(Phy in No. Fin. In Lakhs)			
S.No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation-Sprinkler		Micro Irrigation-Drip		Poly House		Agro Shed Net House		Total		
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	
1	Agsauli	1131	3	0.27	3	0.24	0	0.00	3	1.05	0	0.00	0	0.00	0	0.00	0	0.00	2	0.00	2	0.00	0	0.00	0	0.00	13	1.56	
2	Bargawan	92	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.52	
3	Bartar Khas	543	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	1	0.00	0	0.00	0	0.00	5	0.52	
4	Birawar	202	2	0.18	2	0.16	0	0.00	2	0.70	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6	1.04	
5	Ganthari Shahpur	258	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.52	
6	Kachaura	797	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	2	0.00	2	0.00	0	0.00	0	0.00	7	0.52	
7	Nauratha Isapur	397	2	0.18	2	0.16	0	0.00	2	0.70	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	1	0.00	0	0.00	0	0.00	8	1.04	
8	Rampur Nagla Chatol	159	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.52	
9	Tikari Kalan	56	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.52	
	Total	3635	13	1.17	13	1.04	0	0.00	13	4.55	0	0.00	0	0.00	0	0.00	0	0.00	6	0.00	6	0.00	0	0.00	0	0.00	51	6.76	

IIIrd Year		Convergence Programme Under the Component of PSME under the Project of												Kachaura, IWMP-IV				District-		Hathras (Mahamaya)				(Phy in No. Fin. In Lakhs)						
S.No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation-Sprinkler		Micro Irrigation-Drip		Poly House		Agro Shed Net House		Total			
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
1	Agsauli	1131	3	0.27	3	0.24	3	1.35	0	0.00	3	1.20	3	0.06	3	1.05	3	0.06	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	29	4.23
2	Bargawan	92	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	7	1.41
3	Bartar Khas	543	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	11	1.41
4	Birawar	202	2	0.18	2	0.16	2	0.90	0	0.00	2	0.80	2	0.04	2	0.70	2	0.04	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	14	2.82
5	Ganthari Shahpur	258	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	7	1.41
6	Kachaura	797	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	2	0.00	2	0.00	2	0.00	2	0.00	2	0.00	15	1.41
7	Nauratha Isapur	397	2	0.18	2	0.16	2	0.90	0	0.00	2	0.80	2	0.04	2	0.70	2	0.04	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	18	2.82
8	Rampur Nagla Chatol	159	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	7	1.41
9	Tikari Kalan	56	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	7	1.41
Total		3635.00	13	1.17	13	1.04	13	5.85	0	0	13	5.2	13	0.26	13	4.55	13	0.26	6	0	6	0	6	0	6	0	6	0	115	####

IVth Year		Convergence Programme Under the Component of PSME under the Project of												Kachaura, IWMP-IV				District-		Hathras (Mahamaya)				(Phy in No. Fin. In Lakhs)				
S.No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation-Sprinkler		Micro Irrigation-Drip		Poly House		Agro Shed Net House		Total	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
1	Agsauli	1131.00	3	0.27	3	0.24	0	0.00	3	1.05	0	0.00	0	0.00	0	0.00	0	0.00	2	0.00	2	0.00	0	0.00	0	0.00	13	1.56
2	Bargawan	92.00	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.52
3	Bartar Khas	543.00	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	1	0.00	0	0.00	0	0.00	5	0.52
4	Birawar	202.00	2	0.18	2	0.16	0	0.00	2	0.70	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	6	1.04
5	Ganthari Shahpur	258.00	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.52
6	Kachaura	797.00	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	2	0.00	2	0.00	0	0.00	0	0.00	7	0.52
7	Nauratha Isapur	397.00	2	0.18	2	0.16	0	0.00	2	0.70	0	0.00	0	0.00	0	0.00	0	0.00	1	0.00	1	0.00	0	0.00	0	0.00	8	1.04
8	Rampur Nagla Chatol	159.00	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.52
9	Tikari Kalan	56.00	1	0.09	1	0.08	0	0.00	1	0.35	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.52
Total		3635.00	13	1.17	13	1.04	0	0.00	13	4.55	0	0.00	0	0.00	0	0.00	0	0.00	6	0.00	6	0.00	0	0.00	0	0.00	51	6.76

Vth Year		Convergence Programme Under the Component of PSME under the Project of											Kachaura, IWMP-IV				District-		Hathras (Mahamaya Nagar)				(Phy in No. Fin. In Lakhs)					
S.No.	Name of WC	Area in ha	Vermi Compost Pit @ Rs 0.09		Nadep Compost Pit @ Rs. 008		Cow Shelter @ Rs 0.45		Goat Shelter @ Rs. 0.35		Poultry Shelter @ Rs. 0.40		Azola Pit @ Rs. 0.02		Fodder Through @ Rs.0.35		Sanjeevak pit @ Rs.0.02		Micro Irrigation-Sprinkler		Micro Irrigation-Drip		Poly House		Agro Shed Net House		Total	
			Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
1	Agsauli	1131	3	0.27	3	0.24	3	1.35	0	0.00	3	1.20	3	0.06	3	1.05	3	0.06	2	0.00	2	0.00	2	0.00	2	0.00	29	4.23
2	Bargawan	92	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	7	1.41
3	Bartar Khas	543	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	1	0.00	1	0.00	1	0.00	1	0.00	11	1.41
4	Birawar	202	2	0.18	2	0.16	2	0.90	0	0.00	2	0.80	2	0.04	2	0.70	2	0.04	0	0.00	0	0.00	0	0.00	0	0.00	14	2.82
5	Ganthari Shahpur	258	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	7	1.41
6	Kachaura	797	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	2	0.00	2	0.00	2	0.00	2	0.00	15	1.41
7	Nauratha Isapur	397	2	0.18	2	0.16	2	0.90	0	0.00	2	0.80	2	0.04	2	0.70	2	0.04	1	0.00	1	0.00	1	0.00	1	0.00	18	2.82
8	Rampur Nagla Chatol	159	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	7	1.41
9	Tikari Kalan	56	1	0.09	1	0.08	1	0.45	0	0.00	1	0.40	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	7	1.41
Total		3635.00	13	1.17	13	1.04	13	5.85	0	0.00	13	5.20	13	0.26	13	4.55	13	0.26	6	0.00	6	0.00	6	0.00	6	0.00	115	18.33

WC Wise Planing of Contour Bund (CB) Under Project			Kachaura, IWMP-IV		District-		Hathras (Mahamaya)		(Phy. In rmt, Fin. In Lakhs)	
NAME of WC	IInd year		IIIrd Year		IVth Year		Vth Year		Total	
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Agsauli	1714	1.291	4846	3.649	5060	3.810	4662	3.510	16282	12.260
Bargawan	2145	1.615	0	0.000	0	0.000	0	0.000	2145	1.615
Bartar Khas	0	0.000	1622	1.221	1633	1.230	1331	1.002	4586	3.453
Birawar	0	0.000	0	0.000	0	0.000	257	0.194	257	0.194
Ganthari Shahpur	0	0.000	0	0.000	1455	1.096	1664	1.253	3119	2.349
Kachaura	1391	1.047	4230	3.185	4401	3.314	4152	3.126	14174	10.673
Nauratha Isapur	925	0.697	1925	1.450	840	0.633	1327	0.999	5017	3.778
Rampur Nagla Chatol	0	0.000	814	0.613	0	0.000	0	0.000	814	0.613
Total	6175	4.65	13437	10.118	13389	10.082	13393	10.085	46394	34.935
OUTLETS (for safe Disposal of Water)										
Nos	12	0.090	26	0.195	26	0.195	26	0.195	90	0.675
Amount @ Rs. 0.0075 lac per Outlet	0.09		0.195		0.195		0.195		0.675	

WC Wise Planing of Marginal Bund (MB) Under Project			Kachaura, IWMP-IV		District-		Hathras (Mahamaya)		(Phy. In rmt, Fin. In Lakhs)	
NAME of WC	IInd year		IIIRD Year		IVth Year		Vth Year		Total	
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Agsauli	1200	2.243	1362	2.546	1475	2.757	0	0.000	4037	7.545
Bargawan	0	0.000	0	0.000	0	0.000	864	1.615	864	1.615
Bartar Khas	0	0.000	1671	3.123	0	0.000	0	0.000	1671	3.123
Birawar	622	1.163	0	0.000	0	0.000	0	0.000	622	1.163
Ganthari Shahpur	0	0.000	0	0.000	1693	3.164	0	0.000	1693	3.164
Kachaura	0	0.000	0	0.000	0	0.000	2838	5.304	2838	5.304
Nauratha Isapur	0	0.000	1412	2.639	0	0.000	0	0.000	1412	2.639
Rampur Nagla Chatol	0	0.000	0	0.000	1215	2.271	660	1.234	1875	3.504
Total	1822	3.405	4445	8.308	4383	8.192	4362	8.153	15012	28.057
OUTLETS (for safe Disposal of Water)										
Nos	3	0.45	8	1.200	8	1.200	8	1.200	27	4.050
Amount @ Rs. 0.15 lac per Outlet	0.45		1.20		1.20		1.20		4.05	

WC Wise Planing of Peripheral Bund (PB) Under Project			Kachaura, IWMP-IV		District-		Hathras (Mahamaya		(Phy. In rmt, Fin. In Rs.)	
NAME of WC	IInd year		IIIRD Year		IVth Year		Vth Year		Total	
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Bartar Khas	0	0.000	849	1.587	0	0.000	0	0.000	849	1.587
Kachaura	0	0.000	0	0.000	2184	4.082	622	1.163	2806	5.244
Nauratha Isapur	652	1.219	0	0.000	0	0.000	0	0.000	652	1.219
Total	652	1.22	849	1.59	2184	4.08	622	1.16	4307	8.050
OUTLETS (for safe Disposal of Water)										
Nos	1	0.15	1	0.150	4	0.600	1	0.150	7	1.050
Amount @ Rs. 0.15 lac per Outlet	0.15		0.15		0.60		0.15		1.05	

Abstract of Expected Outcomes in the Project Area		Kachaura, IWMP-IV		District- Hathras (Mahamaya Nagar)	
S. No.	Item	Unit	Pre-project Status	Expected Post-project Status	Remarks
1	2	3	4	5	6
1	Status of water table				
1.1	Open Well	In mt			
1.1.1	Pre Mansoon		16-18	15-16	
1.1.2	Post Mansoon		15-16	14-15	
1.2	Bore Well	In mt	42-44	42-44	
3	Water Harvesting structures repaired/ rejuvenated			65	
4	Availability of water	months.	4-5	5-6	
5	Storage Capacity	ham	N.A.	43.08376	
6	Area brought under Supplementary Irrigation in ha				
6.1	@ 5.0cm * 2 Irrigation/ha	ha	-	215.42	
6.2	@ 7.5cm * 2 Irrigation/ha	ha	-	143.61	
7	Availability of drinking water	ha	Sufficient	Sufficient	
8	Increase in irrigation potential @ 50% of storage Capacity	ha	N.A.	21.54	
9	Area under agricultural crop	ham			
9.1	Area under single crop	ha	2106.08	1647.00	
9.2	Area under double crop	ha	1187.46	1592.50	
9.3	Area under multiple crop	ha	0.00	88.00	
9.4	Cropping Intensity	%	123.27	140.19	
9.5	B:C Ratio		1.54	2.27	
10	Increase in area under Afforestation	ha	143.92	29.42	
11	Increase in area under horticulture	ha	26.08	27.15	
12	Increase in area under fodder	ha	92.08	111.50	
13	Increase in area under vegetation	ha	262.08	168.07	
14	Increase in milk production	in Ltr	0.123	0.209	
15	Increase in no. of livelihoods	in no.	-	595	

Abstract of Expected Outcomes in the Project Area		Kachaura, IWMP-IV		District-	Hathras (Mahamaya Nagar)
S. No.	Item	Unit	Pre-project Status	Expected Post-project Status	Remarks
15.1	Increase in income	no.			
15.2	For Assetless	In Rs.	17500	23600	
16	For Farmers	In Rs.	22400	30800	
17	Change in Migration Status	in Rs.	19501	13651	
18	No. of SHGs	no	0	119	
19	No. of SHGs Linkage	no.	0	119	
20	SHG Federations	no.	0	10	
21	Credit Institutions	no.			
22	Backward/Farward Linkage Established	no.	0	10	
23	No. of Assett Created	no.	N.A.	65	
24	NPV of Net Benefit at 15% discounted Factor	In Rs.		14489525.15	
25	Actual Benefit @ 15% Discounted Value		-	1.39	
26	IRR	in %	-	29.41	

Mandays Generated		
SMC (Through Convergence)	Total Amount/175	40595
Sub Total		40595
Through IWMP Fund :-		
Land Development	60% of Total Amount /175	8372
WHS	(Amount of Dressing + Sodding)/175	
Sub Total		8372
Self Employment :-		
Through SHGs	No. of SHG * 10 *150	178500
Through Micro Enterprises	No. of ME * 5 *180	72000
Through use of Farm Machinery	No. of Machine * 30	5220
Sub Total		255720
Total		304687

CATEGORY WISE MANDAYS GENERATED in Nos.				No. of person employed			
GEN	SC	Total	WOMEN	GEN	SC	Total	WOMEN
60%	40%	100%	35%				
24357	16238	40595	14208	244	163	407	143
5023	3349	8372	2930	51	34	85	30
0	0	0	0	0	0	0	0
5023	3349	8372	2930	51	34	85	30
107100	71400	178500	62475	714	476	1190	625
43200	28800	72000	25200	240	160	400	252
3132	2088	5220	1827	104	70	174	19
153432	102288	255720	89502	1058	706	1764	896
182812	121875	304687	106640	1353	903	2256	1069

Production, Productivity, Investment Cost, BC and Cropping Intensity of Major Crops under										
Kachaura, IWMP-IV				District:	Hathras (Mahamaya Nagar)		Net Cultivable Area :		3635.00 ha	
S.No.	Particular	Area ha.	Productivity in q/ha.	Total Production in q (3*4)	Investment Cost/ha in Rs.	Total Investment Cost (3*6)	Market Rate/q in Rs.	Gross Return (5*8)	Net Profit (9-7)	BC Ratio (9/7)
1	2	3	4	5	6	7	8	9	10	11
Pre-project										
A	Khariff									
1	Paddy	672.00	16.00	10752.00	7000	4704000	1000	10752000	6048000	1.29
2	Bajra	225.00	5.00	1125.00	3000	675000	1400	1575000	900000	1.33
3	Maiz	164.00	9.00	1476.00	4500	738000	1100	1623600	885600	1.20
4	Arhar	262.00	3.25	851.50	5000	1310000	4000	3406000	2096000	1.60
5	Urd/Moong	294.00	3.00	882.00	5000	1470000	4000	3528000	2058000	1.40
6	Chia	0.00	0.00	0.00	0	0	0	0	0	0.00
7	Vegetable	83.00	40.00	3320.00	8000	664000	500	1660000	996000	1.50
8	Fodder	53.00	150.00	7950.00	6000	318000	100	795000	477000	1.50
9	Others	86.00	7.75	666.50	5000	430000	1500	999750	569750	1.33
Sub Total A		1839				10309000.00		24339350.00	14030350.00	1.36
B	Rabi									
1	Wheat	1106.00	16.25	17972.50	7000	7742000	1200	21567000	13825000	1.79
2	Mustard	403.00	3.00	1209.00	2500	1007500	2200	2659800	1652300	1.64
3	Lentil	396.00	3.25	1287.00	4500	1782000	3500	4504500	2722500	1.53
4	Field pea	370.00	9.00	3330.00	5500	2035000	1500	4995000	2960000	1.45
5	Quinoa	0.00	0.00	0.00	0	0	0	0	0	0.00
6	Vegetable	132.00	45.00	5940.00	8000	1056000	500	2970000	1914000	1.81
7	Fodder	92.00	160.00	14720.00	6000	552000	100	1472000	920000	1.67
8	Others	143.00	8.00	1144.00	5000	715000	1500	1716000	1001000	1.40
Sub Total B		2642.00				14889500.00		39884300.00	24994800.00	1.68
C	Zaid	0.00	0.00	0.00	0	0	0	0	0	0.00
Gross Area		4481.00				25198500.00		79768600.00	39025150.00	1.55
Cropping Intensity				123.27 %						

Production, Productivity, Investment Cost, BC and Cropping Intensity of Major Crops under										
Kachaura, IWMP-IV				District:	Hathras (Mahamaya Nagar)		Net Cultivable Area :		3635.00 ha	
S.No.	Particular	Area ha.	Productivity in q/ha.	Total Production in q (3*4)	Investment Cost/ha in Rs.	Total Investment Cost (3*6)	Market Rate/q in Rs.	Gross Return (5*8)	Net Profit (9-7)	BC Ratio (9/7)
1	2	3	4	5	6	7	8	9	10	11
Post-project										
A	Khariff									
1	Paddy	619.00	20.50	12689.50	9000	5571000	1400	17765300	12194300	2.19
2	Bajra	271.00	5.00	1355.00	5000	1355000	1600	2168000	813000	0.60
3	Maiz	205.00	14.50	2972.50	7500	1537500	1450	4310125	2772625	1.80
4	Arhar	320.00	5.75	1840.00	7000	2240000	4500	8280000	6040000	2.70
5	Urd/Moong	344.00	5.25	1806.00	7000	2408000	4800	8668800	6260800	2.60
6	Chia	10.00	2.50	25.00	4800	48000	7200	180000	132000	2.75
7	Vegetable	100.00	75.00	7500.00	10000	1000000	700	5250000	4250000	4.25
8	Fodder	68.00	230.00	15640.00	9000	612000	120	1876800	1264800	2.07
9	Others	108.00	12.50	1350.00	7500	810000	1700	2295000	1485000	1.83
Sub Total A		2045.00				15581500.00		50794025.00	35212525.00	2.26
B	Rabi									
1	Wheat	1304.00	21.00	27384.00	9000	11736000	1600	43814400	32078400	2.73
2	Mustard	474.00	5.75	2725.50	6500	3081000	3400	9266700	6185700	2.01
3	Lentil	380.00	5.25	1995.00	6000	2280000	3500	6982500	4702500	2.06
4	Field pea	389.00	14.00	5446.00	7000	2723000	1800	9802800	7079800	2.60
5	Quinoa	15.00	12.50	187.50	8000	120000	6000	1125000	1005000	8.38
6	Vegetable	159.00	75.00	11925.00	10000	1590000	500	5962500	4372500	2.75
7	Fodder	114.00	200.00	22800.00	8000	912000	140	3192000	2280000	2.50
8	Others	128.00	12.00	1536.00	7000	896000	1700	2611200	1715200	1.91
Sub Total B		2963.00				23338000.00		82757100.00	59419100.00	2.55
C	Zaid	88.00	9.00	792.00	5000	440000	1800	1425600	985600	2.24
Gross Area		5096.00				39359500.00		84182700.00	95617225.00	2.43
Cropping Intensity				140.19 %						

Production, Productivity, Investment Cost, BC and Cropping Intensity of Major Crops under							
Kachaura, IWMP-IV		District:	Hathras (Mahamaya Nagar)	Net Cultivable Area :		3635.00 ha	
Over all BC		Pre-project	1.55 : 1				
		Post-project	2.43 : 1				
Area Under Agriculture Use in ha							
Pre-Project Status				Post-Project Status			
Area under Single Crop	2106.08	1	2106.08	Area under Single Crop	1647.00	1	1647.00
Area under Double Crop	1187.46	2	2374.92	Area under Double Crop	1592.50	2	3185.00
Area under Multiple Crop	0.00	3	0.00	Area under Multiple Crop	88.00	3	264.00
Total :			4481.00	Total :			5096.00
Cropping Intensity %		123.27		Cropping Intensity %		140.19	

Year wise Projected Benefit from Various Component under Project Area					
Kachaura, IWMP-IV		District- Hathras (Mahamaya Nagar)			(amt in Rs.)
Year	Land Development	From Livelihood Activities of Assetless	From Livelihood Activities of Farmers	From Livestock Activities	Total
1	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00
3	0.00	902874.00	9200279.00	2230068.00	12333221.00
4	0.00	1203832.00	12267039.00	2973425.00	16444296.00
5	253140.00	1504790.00	15333799.00	3716781.00	20808510.00
6	1248600.00	1805748.00	18400559.00	4460137.00	25915044.00
7	3631500.00	2106706.00	21467319.00	5203493.00	32409018.00
Total	5133240.00	7523950.00	76668995.00	18583904.00	107910089.00

Income Projection for Assetless, Farmers and Livestock under the project for 7 years.									Amt in Rs.
S.No.	Year	% Increase	Assetless		Farmers		Livestock		Total Increase
			7523950		76668995		18583903.5		102776849
1	1	0	0		0		0		0
2	2	0	0		0		0		0
3	3	12	902874		9200279		2230068		12333221
4	4	16	1203832		12267039		2973425		16444296
5	5	20	1504790		15333799		3716781		20555370
6	6	24	1805748		18400559		4460137		24666444
7	7	28	2106706		21467319		5203493		28777518
	Total	100	7523950		76668995		18583904		102776849

Calculation of NPV of Net Benefit @ 15% of Discounted Value								
Year	Project Cost				Total Benefit	Net Benefit	Discounted Factor @ 15%	NPV # 15%
	IWMP	Convergence	Op. maint.	Total				
1	2617200			2617200.00	0.00	-2617200	0.870	-2276964
2	6106800	1672368.10		7779168.10	0.00	-7779168.10	0.756	-5881051.08
3	10905000	4513754.70		15418754.70	12333221.00	-3085533.70	0.658	-2030281.17
4	10905000	3636064.00		14541064.00	16444296.00	1903232.00	0.572	1088648.70
5	13086000	4452502.50		17538502.50	20808510.00	3270007.50	0.497	1625193.73
6	0.00		1753850.00	1753850.00	25915044.00	24161194.00	0.432	10437635.81
7	0.00		1753850.00	1753850.00	32409018.00	30655168.00	0.376	11526343.17
	43620000.00	14274689.30	3507700.00	61402389.30	107910089.00	46507699.70		14489525.15

Calculation of B : C Ratio					
Year	Total Cost	Benefit	Discounted Factor @ 15%	Actual Cost @ 15% Discounted Value	Actual Benefit @ 15% Discounted Value
1	2617200.00	0.00	0.870	2276964.00	0.00
2	7779168.10	0.00	0.756	5881051.08	0.00
3	15418754.70	12333221.00	0.658	10145540.59	8115259.42
4	14541064.00	16444296.00	0.572	8317488.61	9406137.31
5	17538502.50	20808510.00	0.497	8716635.74	10341829.47
6	1753850.00	25915044.00	0.432	757663.20	11195299.01
7	1753850.00	32409018.00	0.376	659447.60	12185790.77
				36754790.83	51244315.98
				B : C	1.39

Calculation of IRR																
Year	Project Cost				Total Benefit	Net Benefit	Discounted Factor @ 12%	NPV @ 12%	Discounted Factor @ 15%	NPV @ 15%	Discounted Factor @ 20%	NPV @ 20%	Discounted Factor @ 25%	NPV @ 25%	Discounted Factor @ 30%	NPV @ 30%
	IWMP	Covergence	Operation & Maintenance Cost	Total												
1	2617200.00	0.00	0.00	2617200.00	0.00	-2617200.00	0.893	-2337159.60	0.870	-2276964.00	0.833	-2180127.60	0.800	-2093760.00	0.769	-1797275.73
2	6106800.00	1672368.10	0.00	7779168.10	0.00	-7779168.10	0.797	-6199996.98	0.756	-5881051.08	0.694	-5398742.66	0.640	-4978667.58	0.592	-3670398.21
3	10905000.00	4513754.70	0.00	15418754.70	12333221.00	-3085533.70	0.712	-2196899.99	0.658	-2030281.17	0.579	-1786524.01	0.512	-1579793.25	0.455	-999589.50
4	10905000.00	3636064.00	0.00	14541064.00	16444296.00	1903232.00	0.636	1210455.55	0.572	1088648.70	0.482	917357.82	0.410	780325.12	0.350	423659.44
5	13086000.00	4452502.50	0.00	17538502.50	20808510.00	3270007.50	0.567	1854094.25	0.497	1625193.73	0.402	1314543.02	0.328	1072562.46	0.269	498751.35
6	0.00	0.00	1753850.00	1753850.00	25915044.00	24161194.00	0.507	12249725.36	0.432	10437635.81	0.335	8093999.99	0.262	6330232.83	0.207	2535693.15
7	0.00	0.00	1753850.00	1753850.00	32409018.00	30655168.00	0.452	13856135.94	0.376	11526343.17	0.279	8552791.87	0.210	6437585.28	0.159	2203125.61
	43620000.00	14274689.30	3507700.00	61402389.30	107910089.00	46507699.70		18436354.53		14489525.15		9513298.43		5968484.85		-806033.88

$$\text{IRR} \% = 25 + \frac{5968484.85 / ((5968484.85 + (-806033.88)) * (30 - 25))}{25 + 4.41} = 29.41$$

BANK ACCOUNTS & WATERSHED DEVELOPMENT FUND (WDF)

Bank Accounts :-

Following Bank Accounts will be opened in the Bank and operated in the manner prescribed below :-

WCDC Account :- Jointly Operated by District Magistrate & BSA (PIA)

•P.I.A. Account :-

1. Joint S.B. Account in the name of PIA
2. It will be opened in the Government Recognized Bank.
3. It will be operated jointly by BSA & Accountant of P.I.A.

•Project Fund Account of WC :-

1. Joint S.B. Account in the name of Watershed Project for the Watershed Fund received from the PIA
2. It will be opened in the local Bank Branch
3. It will be operated jointly by

I) Secretary

- WC

II) Nominated Member

- WDT

Structure of Watershed Committee (WC) :-

	Category	Members
•Chairman	:	1
•Secretary	:	1
•Representing User Group	:	2-3
1. Representing Self Help Group	:	2-3
2. Representing Women	:	1
3. Representing SC	:	1
4. Representing Landless	:	1
5. Representing WDT	:	1
Total No. of Members	:	10-12

Office Bearer of WC :-

1. Chairman

Secretary

•WDF Account :-

Opening of Watershed Development Fund Accounts :-

Under the project Area for the implementation of programme a separate Watershed Development Fund Account will be opened and maintained as per the IWMP Guidelines.

Following activities will be taken for mobilizing the beneficiaries contribution –

- Briefing the beneficiaries about the purpose, utility and rate of contribution.

- Informing the beneficiaries about the implications of non-payment of contribution.
- Motivating beneficiaries for making contribution.
- Collecting and depositing the contribution in the Watershed Development Fund.
- WDT & WC will be responsible for obtaining the contribution.

Utilization of WDF –

1. Watershed Development Fund shall be in operation only after the project period.

- It will be operated jointly by the President of the Gram Panchayat and any member from the SHG nominated by the Gram Sabha.
- This fund should be utilised only with the approval of watershed committee for the maintenance and development of Community Assets, CPR and administrative cost if watershed secretary will continue after the project period with the approval of WC.
- No money shall be withdrawn during the project period.
- Watershed Project Fund should not be used for individual work.

WATERSHED DEVELOPMENT FUND (WDF)

1. One of the mandatory conditions for selection of villages for watershed projects is Farmer's contribution towards the Watershed Development Fund (WDF). The contributions to WDF shall be a minimum 10% of the cost of NRM works executed on private lands only. However, in case of SC, small and marginal farmers, the minimum contribution shall be 5% of the cost of NRM works executed on their lands.

2. For other cost intensive farming system activities such as Aquaculture, Horticulture, Agro-forestry, Animal Husbandry etc on private land directly benefiting the individual farmers, the contribution of farmers will be 20% for General category and 10% for SC & ST beneficiaries.

3. These contributions would be acceptable either in cash at the time of execution of works or voluntary labour. A sum equivalent to the monetary value of the voluntary labour would be transferred from the watershed project account to the WDF bank account that will be distinct from the Watershed Committee (WC) bank account. User charges, sales proceeds and disposal amounts of intermediate usufruct rights shall also be deposited in the WDF bank account.

4. Income earned from assets created under the project on common property resources shall also be credited to WDF.

5. The Secretary, Watershed Committee (WC) shall maintain a completely separate account of the income and expenditure of the WDF. Rules for operation of the fund should be prepared by the Watershed Committee (WC) and ratified by the Gram Sabha. The WDF bank account should be operated by the President of the Gram Panchayat and any member from the SHG nominated by the Gram Sabha. Alternatively, the guidelines for the management and utilization of the WDF may be evolved by the concerned Nodal Ministry.

6. After completion of Phase II, at least 50% of the WDF funds shall be reserved for maintenance of assets created on community land or for common use under the project. Works taken up on private land shall not be eligible for repair/maintenance out of this Fund. The remaining money may be used as a revolving fund to advance loans to the villagers of the project area who have contributed to the fund. Individuals as well as charitable institutions should be encouraged to contribute generously to this Fund.

User Charges -

The Gram Sabha through the Watershed Committee (WC) shall put in place mechanism for collecting user charges. No charge will be taken from landless, destitute or disabled / widow headed house holds for work done on private or public land. The user charges collected shall be credited to the WDF for maintenance of assets created during the project.

Watershed Development Fund

One of the mandatory conditions for IWMP projects is people's contribution towards the Watershed Development Fund (WDF). The contributions to WDF shall be a minimum 10% of the cost of NRM works executed on private lands only. However, in case of SC/ST, small and marginal farmers, the minimum contribution shall be 5% of the cost of NRM works executed on their lands. However, for other cost intensive farming system activities such as Aquaculture, Horticulture, Agro-forestry, Animal Husbandry etc on private land directly benefiting the individual farmers, the contribution of farmers will be 20% for General category and 10% for SC & ST beneficiaries and the remaining cost of the activities i.e. 80% for the General and 90% for SC/ST category will come from the project funds subject to a maximum limit of an amount equal to double of the standard unit cost norm for Watershed Development Project.

These contributions would be acceptable either in cash at the time of execution of works or voluntary labour. A sum equivalent to the monetary value of the voluntary labour would be transferred from the watershed project account to the WDF bank account that will be distinct from the Watershed Committee (WC) bank account. User charges, sales proceeds and disposal amounts of intermediate usufruct rights shall also be deposited in the WDF bank account. Common Guidelines for Watershed Development Projects Income earned from assets created under the project on common property resources shall also be credited to WDF.

The Secretary, Watershed Committee (WC) shall maintain a completely separate account of the income and expenditure of the WDF. Rules for operation of the fund should be prepared by the Watershed Committee (WC) and ratified by the Gram Sabha. The WDF bank account should be operated by the President of the Gram Panchayat and any member from the SHG nominated by the Gram Sabha. Alternatively, the guidelines for the management and utilization of the WDF may be evolved by the concerned Nodal Ministry.

After completion of Phase II, at least 50% of the WDF funds shall be reserved for maintenance of assets created on community land or for common use under the project. Works taken up on private land shall not be eligible for repair/maintenance out of this Fund. The remaining money may be used as a revolving fund to advance loans to the villagers of the project area who have contributed to the fund. Individuals as well as charitable institutions should be encouraged to contribute generously to this Fund.

Details of WDF Collected Under The Project of Nagla Dhir, IWMP-IV, District-Firozabad

Component	Category	Rate	Amount in Lakhs
NRM Works Amount on Land Development only	SC/ST SC/ST, small and marginal farmers	5%	0.8546
	General	10%	0.7325
SMC Wok Through Convergence	-	-	-
Farming System	SC/ST	10%	1.7448
	General	20%	5.2344
User Charges as applicable on WHS Work fixed by user group on the basis of mutual concent for providing Supplementary Irrigation.		-	-
Total :			8.5663

List of Records/Registers to be maintained at different levels

WCDC:

1. Cheque book register
2. Grants received from Centre/State
3. Grants Distribution Register
4. UCs register for UCs received from PIA/watershed committees
5. Activities wise Physical and Financial Progress Details
6. Technical Sanction Register
7. Administrative Sanction Register
8. Bank Reconciliation statement register
9. Asset Register- Dead-stock Register
10. Meeting Register
11. Training Register
12. Ledger
13. Payments Book
14. Visitor's Book

PIA Level

1. Register for grants received from states
2. UCs register for UCs to be sent to WCDC
3. Bank pass book/ cheque Book Register
4. Bank Reconciliation statement register
5. UCs register for UCs received from different watershed committees
6. Physical and financial progress report
7. Asset Register- Dead Stock Register
8. Training Register
9. Material Book (EPA)
10. Ledger
11. Payment Book

Watershed Committee Level

1. Cash book
2. Contingency bill register
3. Voucher register
4. Bank Pass Book Register
5. Bank Reconciliation statement- register
6. Advances/Adjustment register
7. Bank cheque book register
8. Asset Register- dead stock Register
9. Assets Created Register
10. Income register (from watershed assets)
11. WDF Account Register
12. Seed Money Register
13. Register showing physical and financial progress
14. Training Register
15. Technical Sanction Register
16. Administrative Sanction Register
17. Meeting Register (Resolution Book)
18. Material Book Register
19. Stock Register
20. Receipt Book
21. Voucher Book
22. Ledger
23. Account Ledger
24. Bill Book
25. Members' Pass Book Register
26. Attendance Register (for Labour)
27. Payments Register
28. Works wise Expenditure Register
29. Visitor's Book

SHGs:

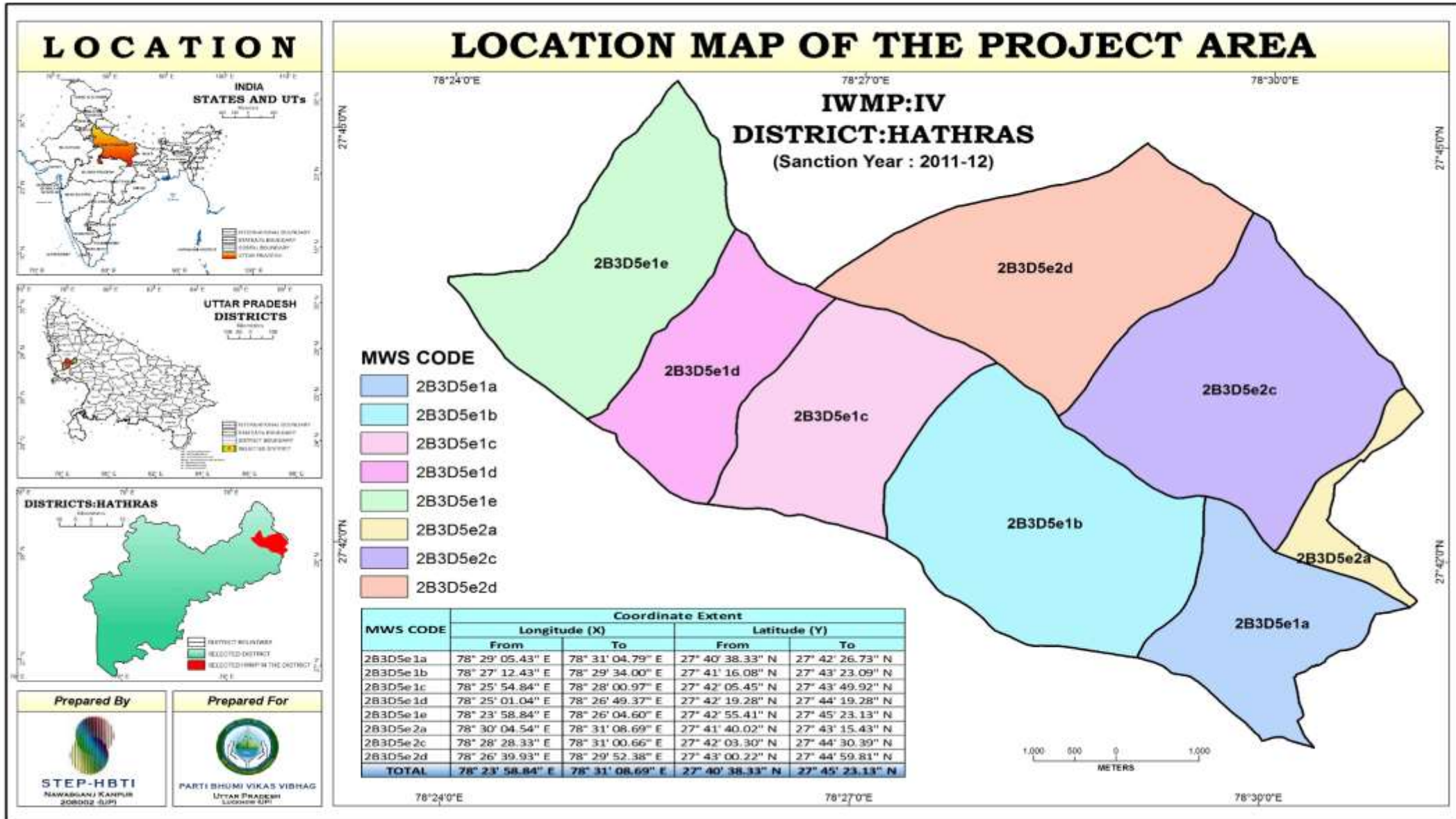
1. Meeting Register
2. Fund received Register
3. Bank Pass Book Register
4. Internal Lending/Loan Register
5. Savings Book Register
6. Seed Money Distribution & Recovery Register
7. Training Register
8. Composit Loan/Grant-in-aid Register

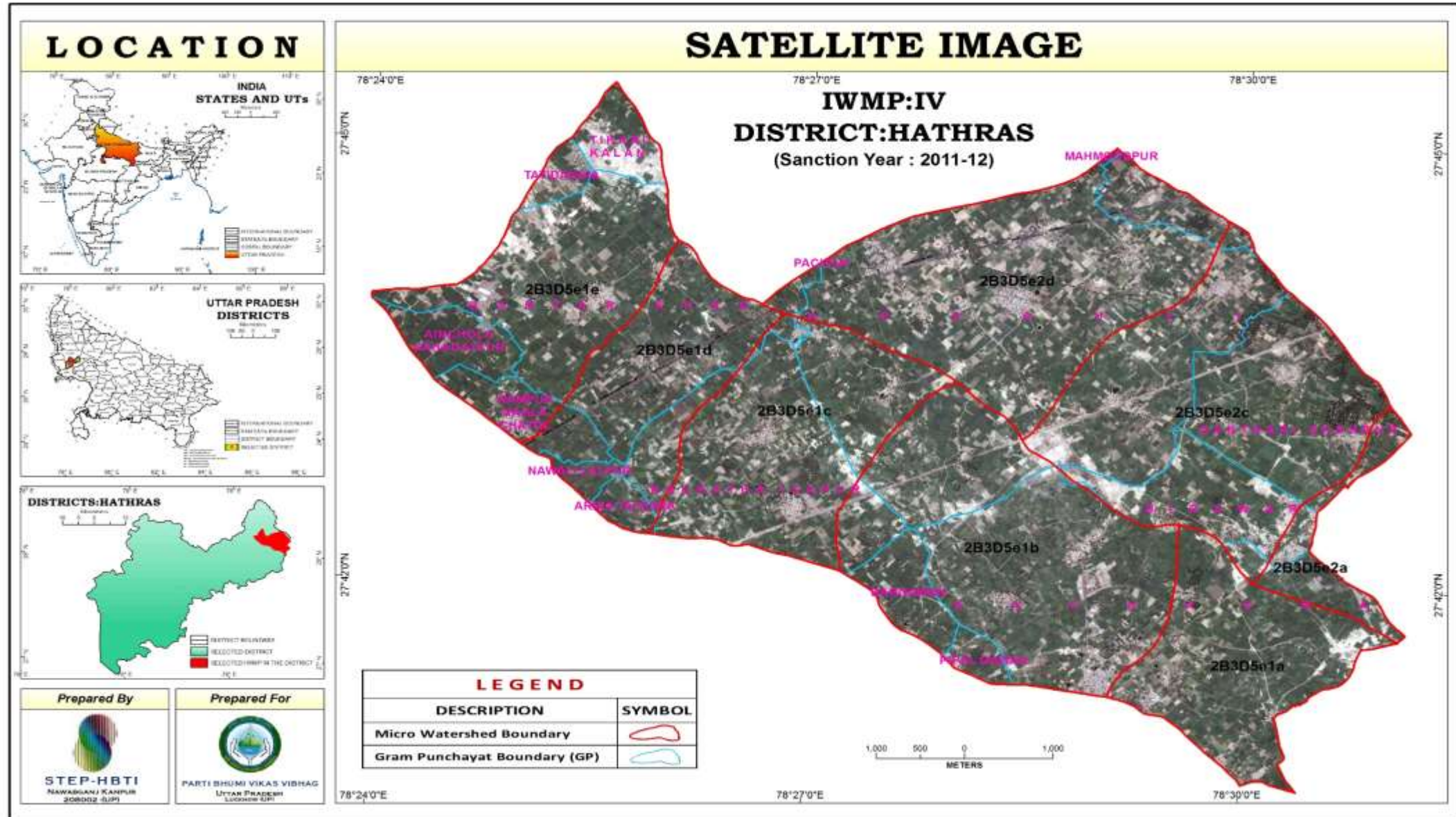
OR Any other Records/Register prescribed by the SLNA/DoLR from time to time

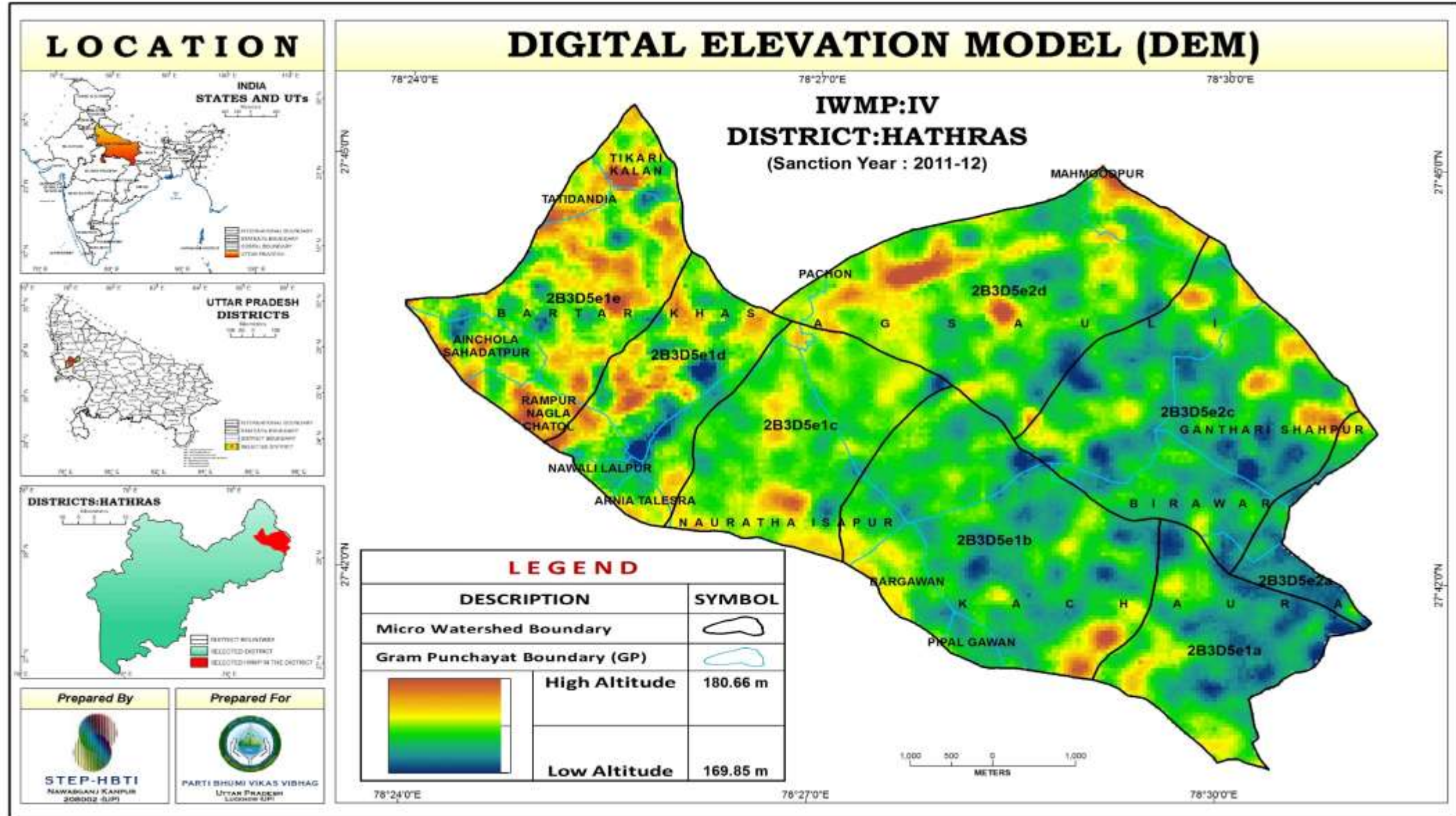
Activity Calendar for Various Component Under IWMP Projects.

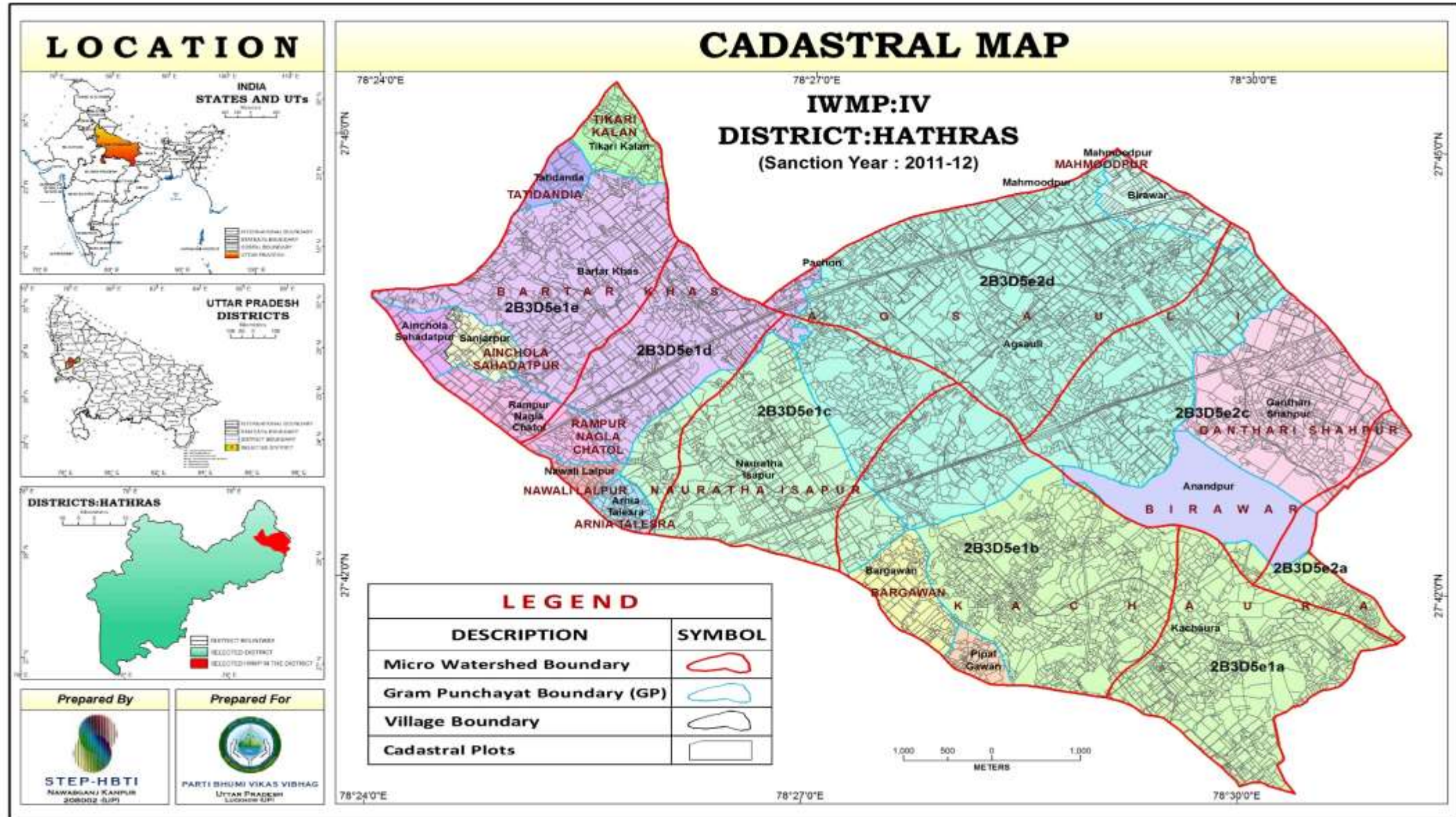
Quarter/Month-->	Q1			Q2			Q3			Q4		
	April	May	June	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Components												
Capacity Building				x				x				x
Production System & Micro Enterprises	x					x				x		
Soil & Moisture Conservation				x					x	x		
Land Development						x						
Water harvesting Structure				x			x			x		
Livelihood Activities												

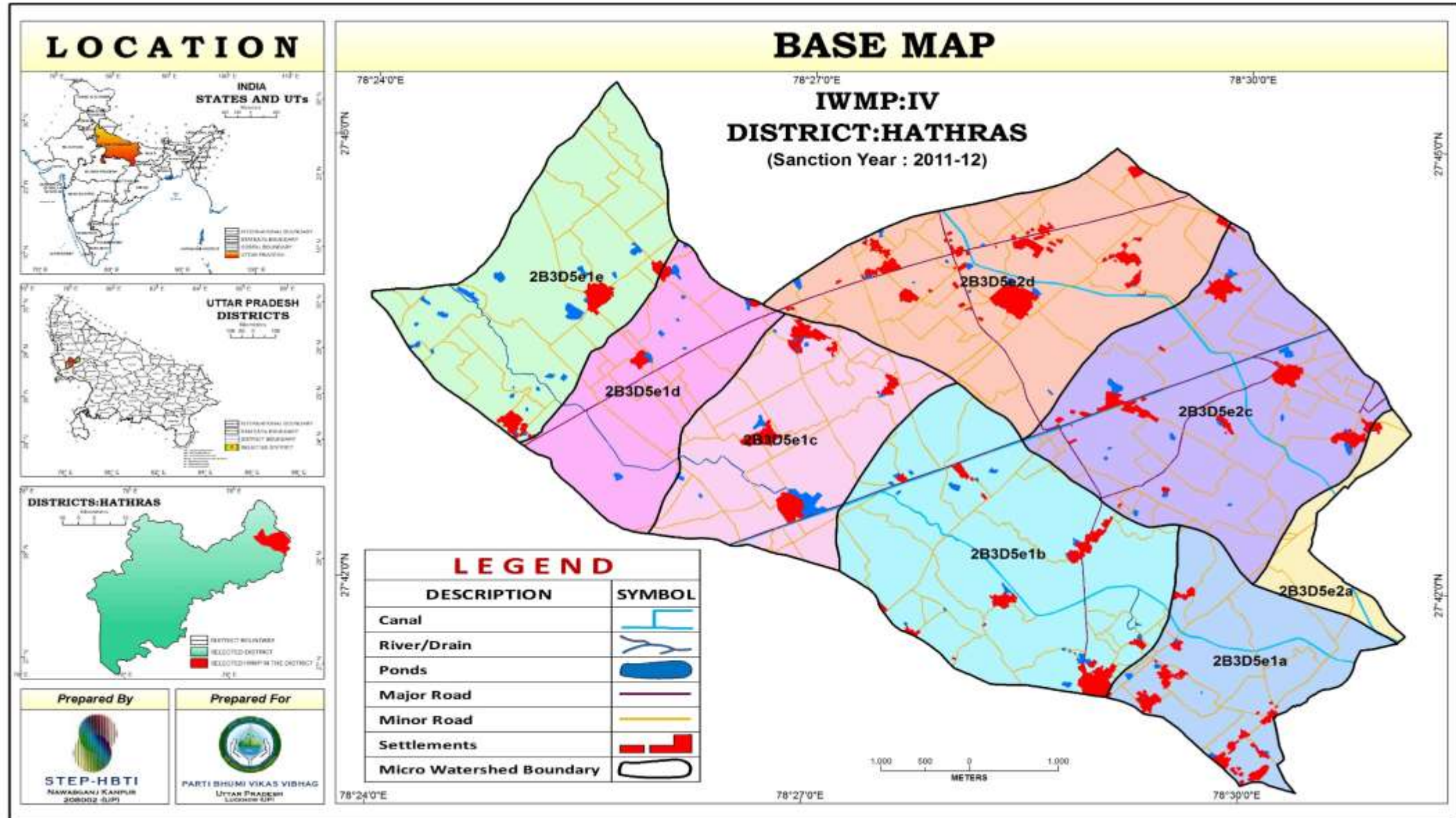
ABRIVIATION			
AAP	Annual Action Plan	PB	Peripheral Bund
BPL	Below Power Line	PCA	Project Completion Report
CB	Capacity Building	PIA	Project Implementing Agency
CB	Contour Bund	PPP	Public Private Partnership
CBO	Community Based Organization	PRA	Participatory Rural Appraisal
CPR	Common Property Resources	PSA	Participatory Situation Analysis
DoLR	Department of Land Resources	PSME	Production System and Microenterprise
DRDA	District Rural Development Agency	SHG	Self Help Group
ECD	Earthen Check Dam	SLNA	State Level Nodal Agency
EPA	Entry Point Activity	SMC	Soil and Moisture Conservation
FGD	Focus Group Discussion	SRI	System of Rice Intensification
FPO	Farmer's Producer Organization	SWI	System of Wheat Intensification
GP	Gram Panchayat	UG	User's Group
IWMP	Integrated Watershed Management Programme	UMMB	Urea Mineral Mixture Block
MB	Marginal Bund	WC	Watershed Committee
MCD	Masonry Check Dam	WCDC	Watershed Cum Data Centre
MGNREGA	Mahatma Gandhi National Rural Employment Guarantee Programme	WDF	Watershed Development Fund
NHM	National Horticulture Mission	WDT	Watershed Development Team
NRLM	National Rural Livelihood Mission	WDW	Watershed Development Work
NRM	Natural Resource Management	WHS	Water Harvesting Structure

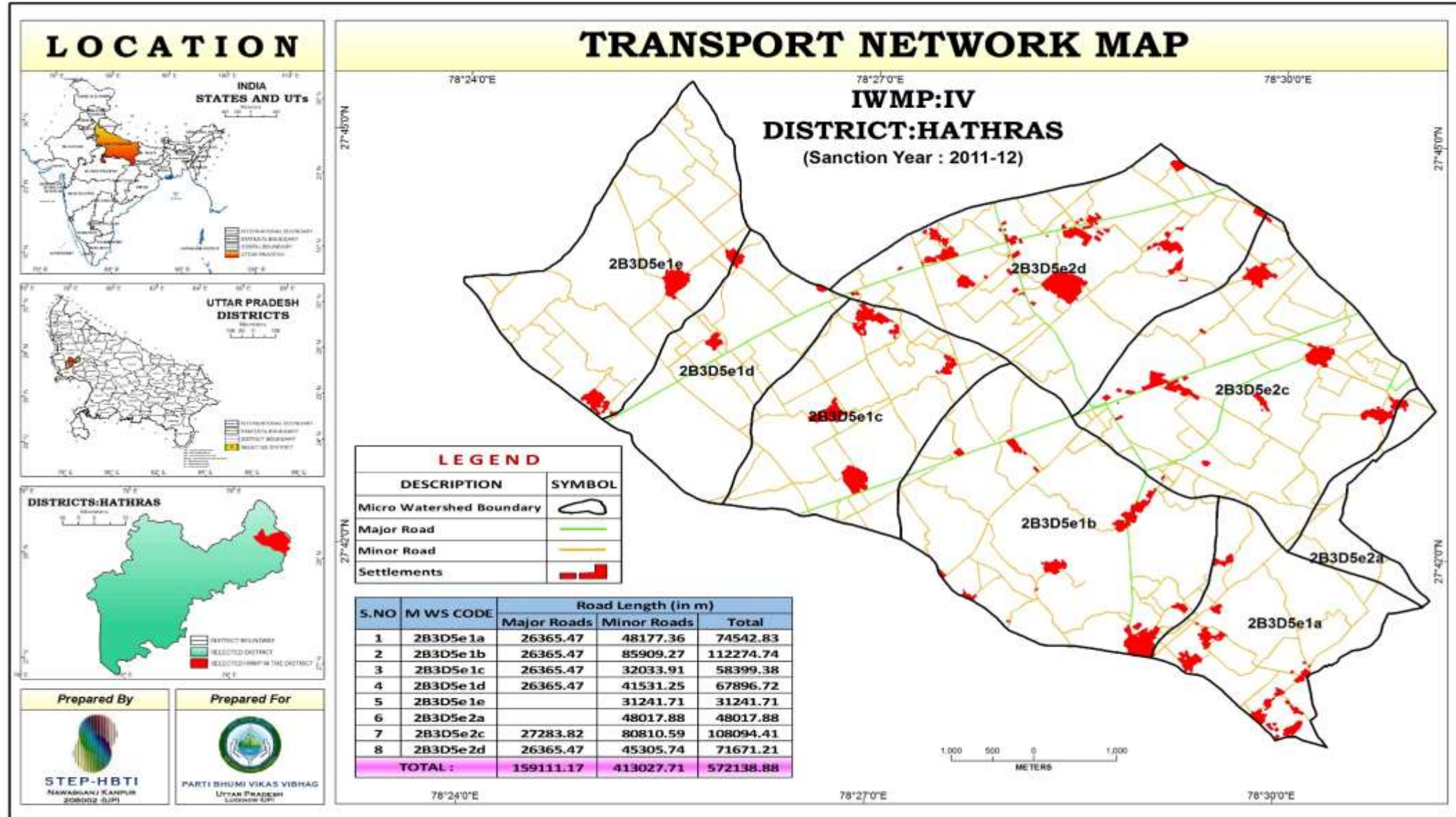


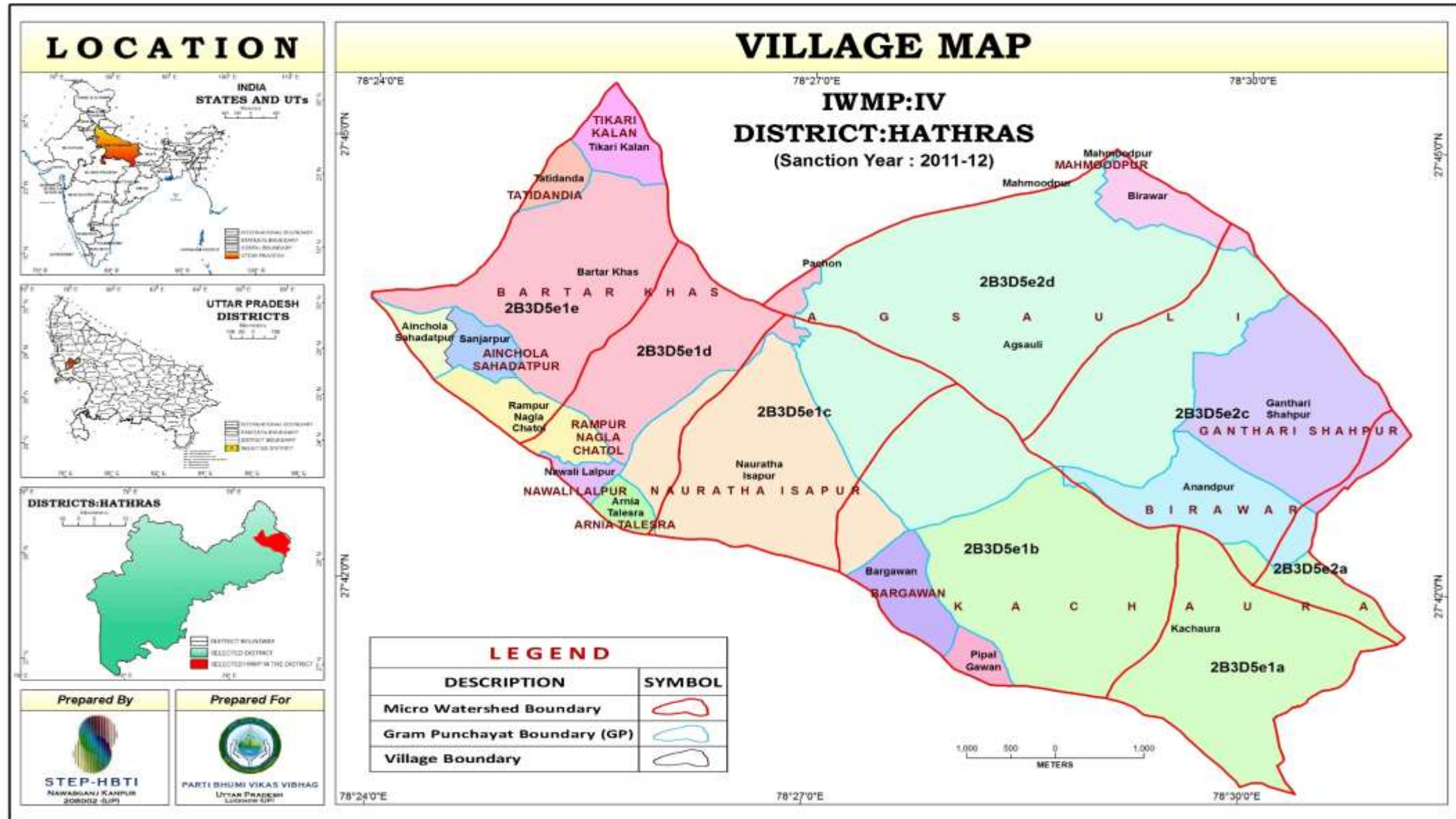












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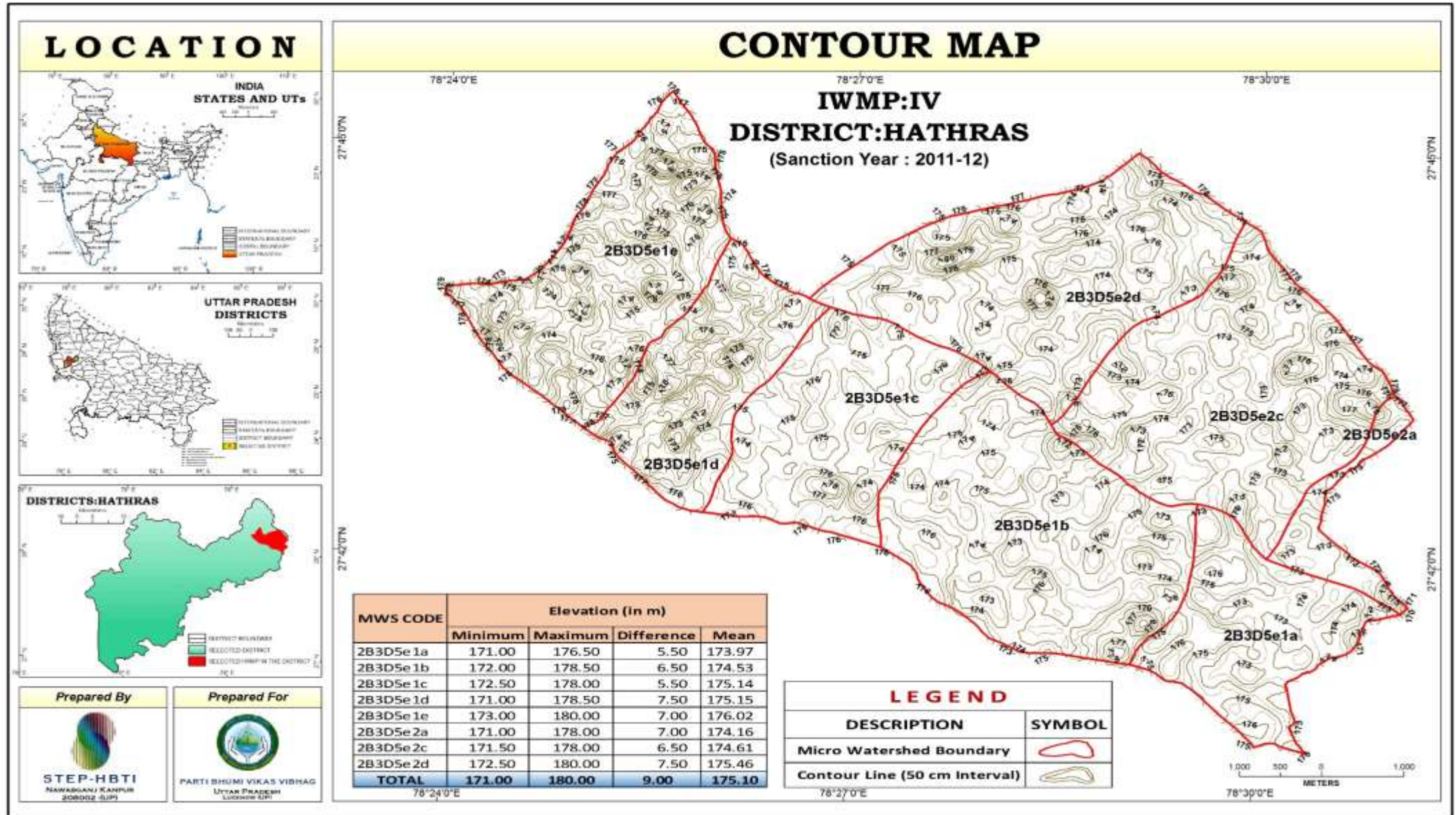
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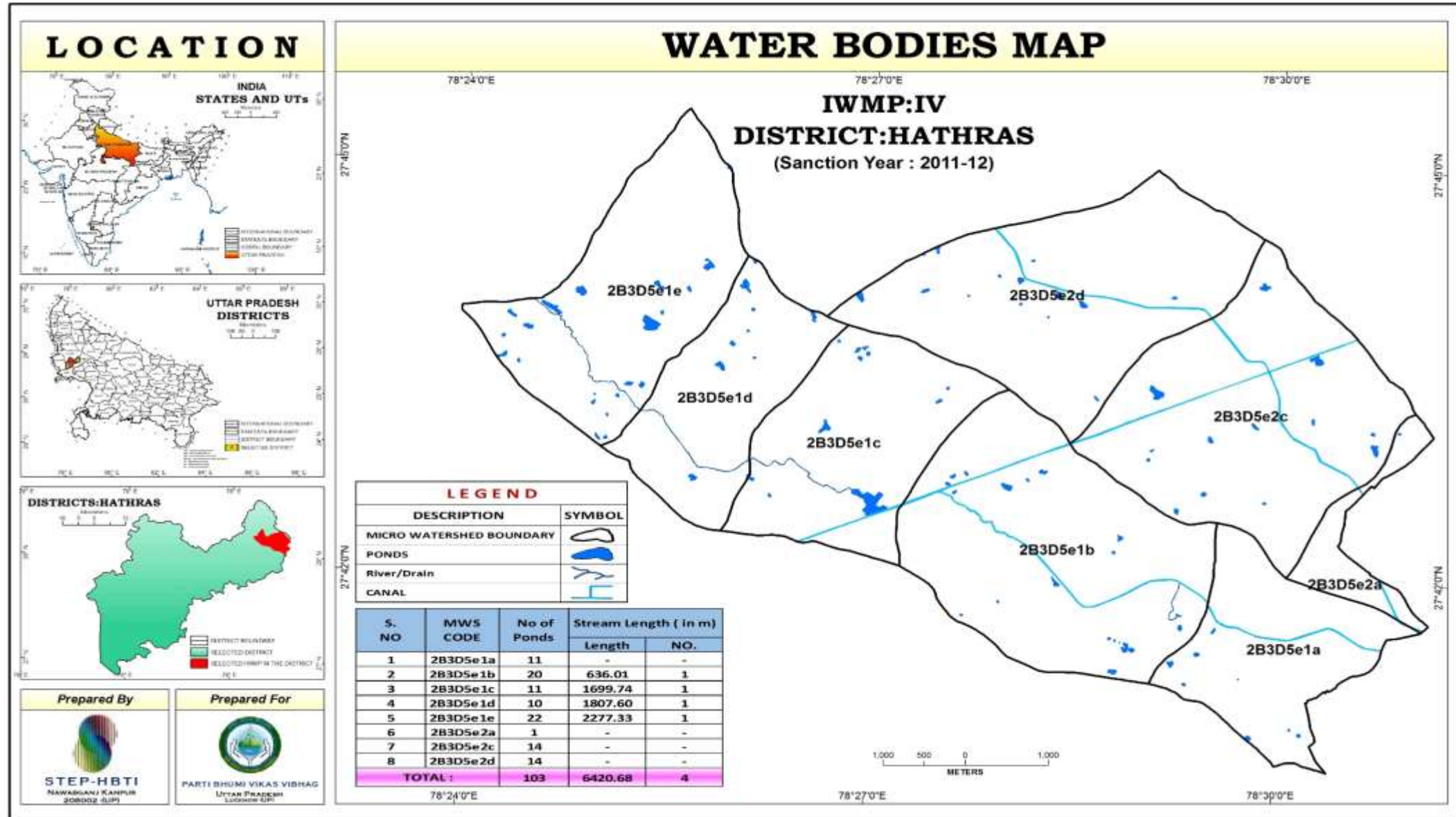
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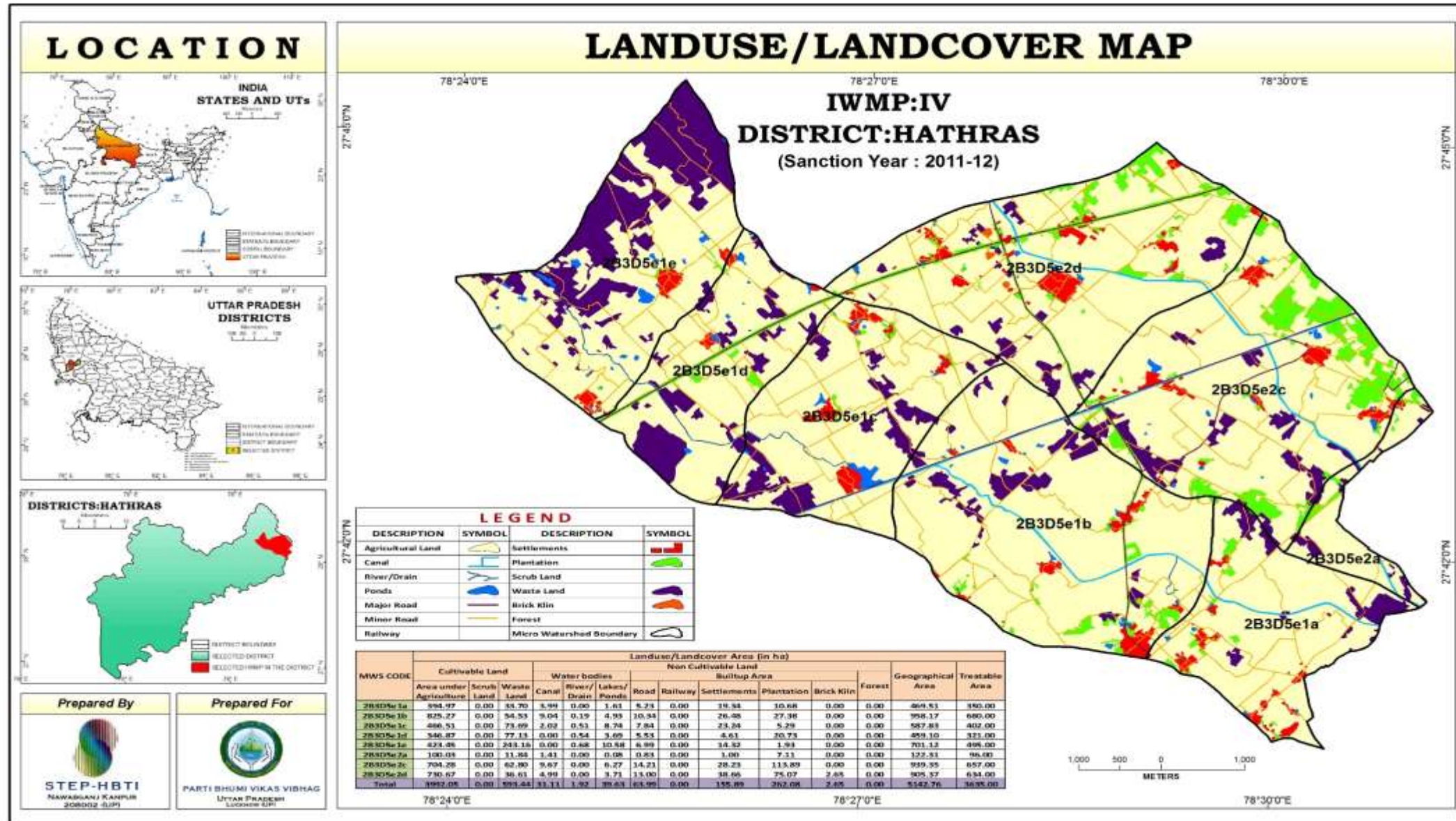


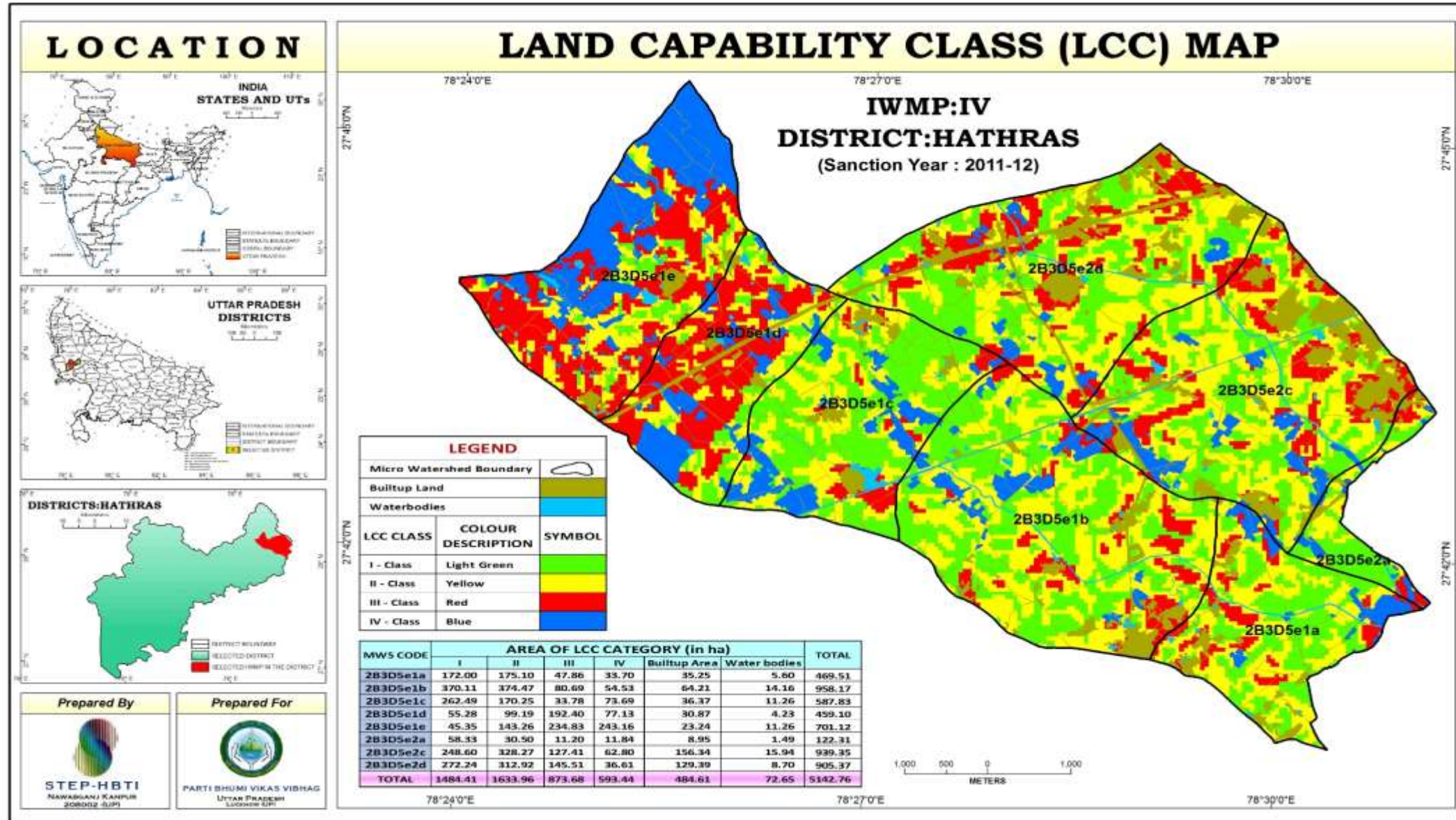
PARI BHUMI VIKAS VIBHAG

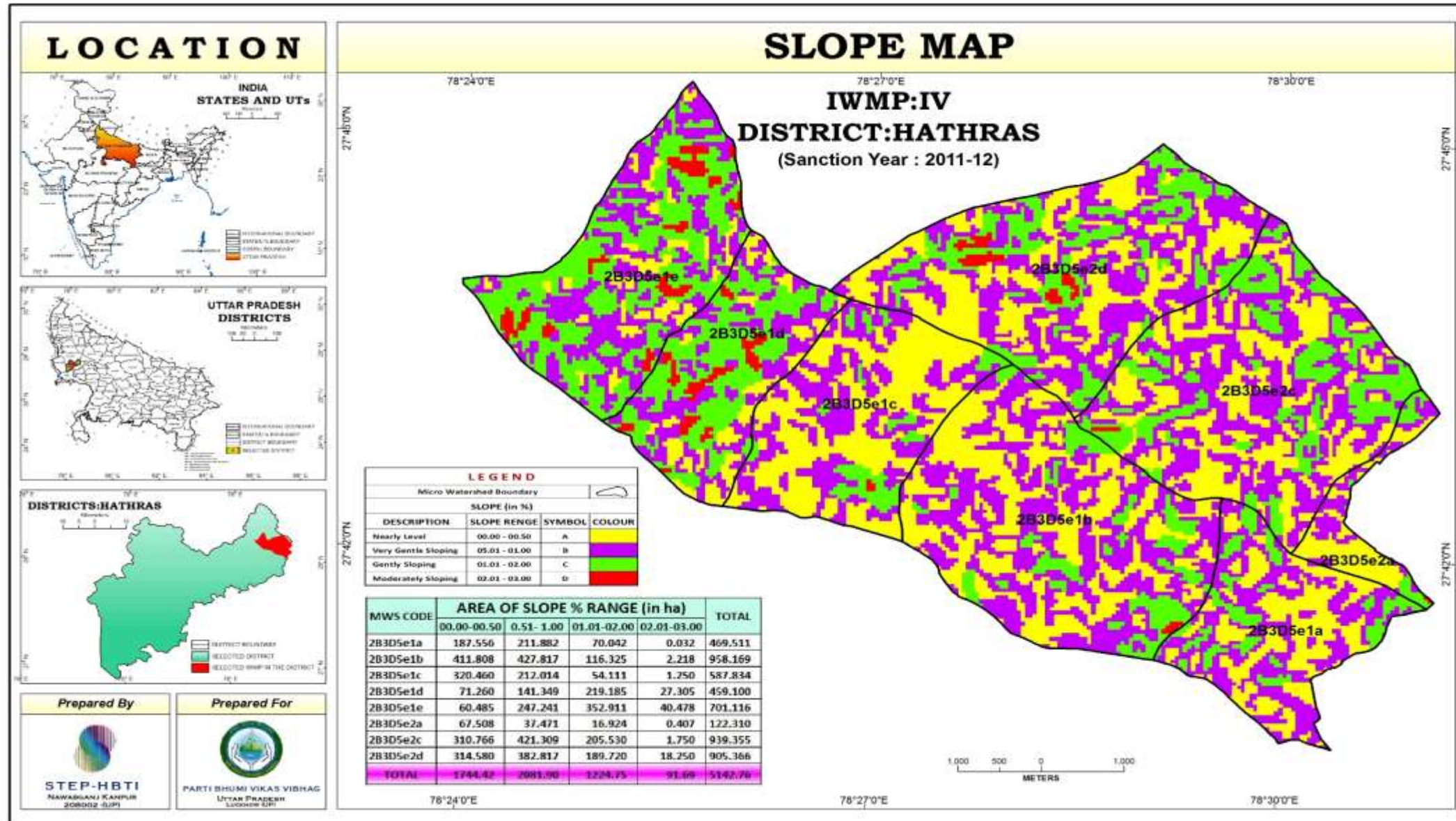
UTTAR PRADESH
LUCKNOW (UP)



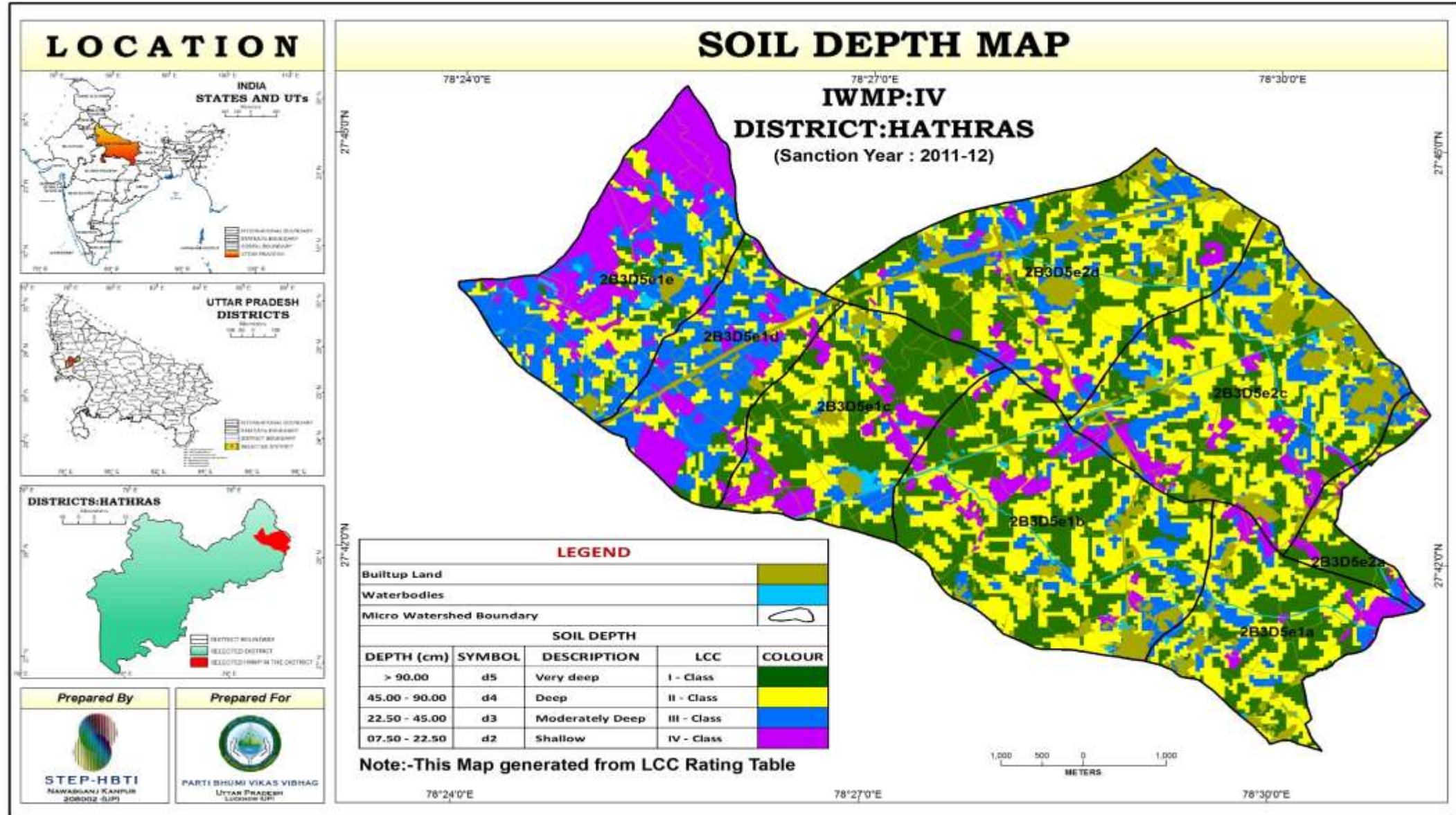


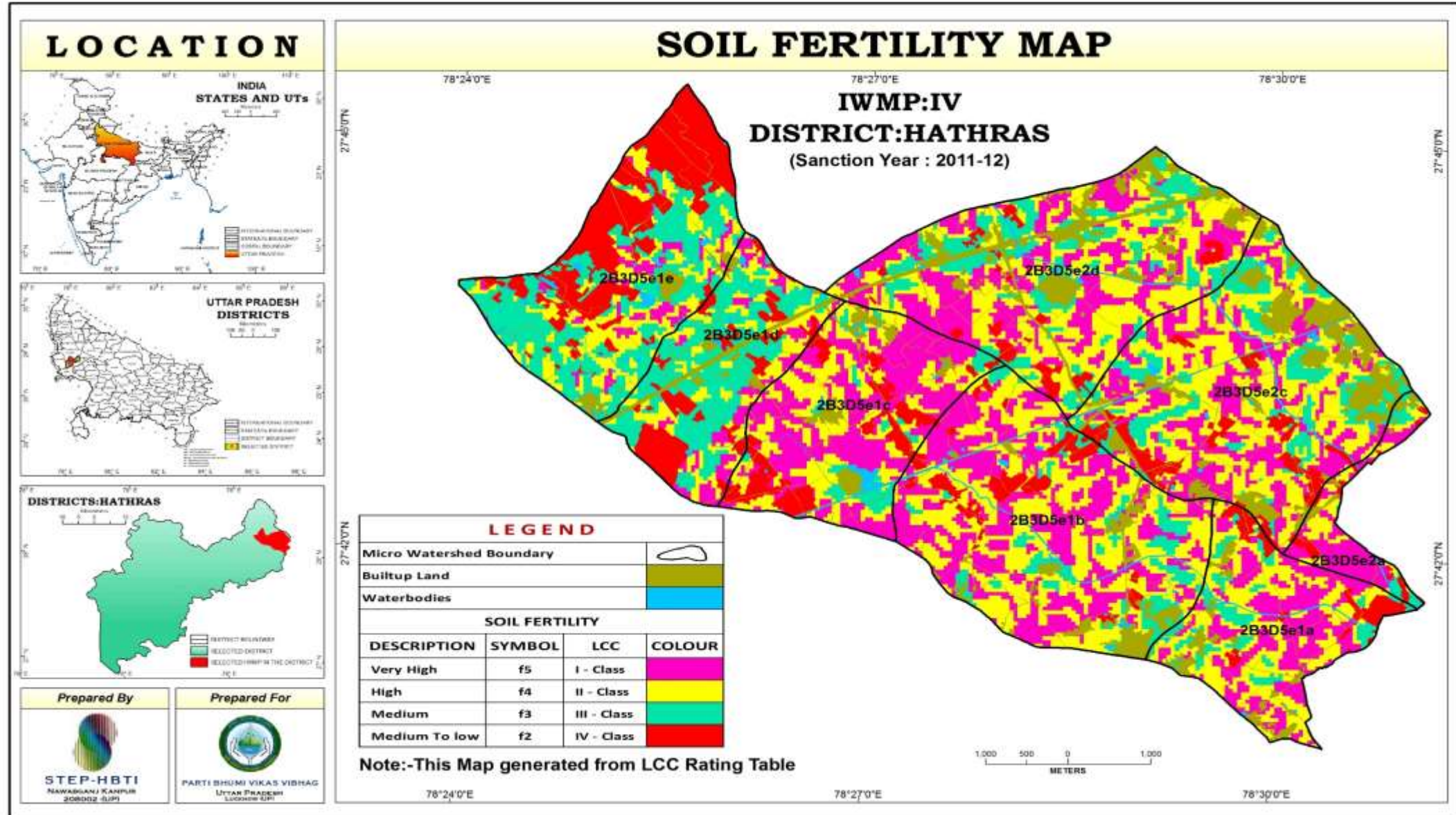


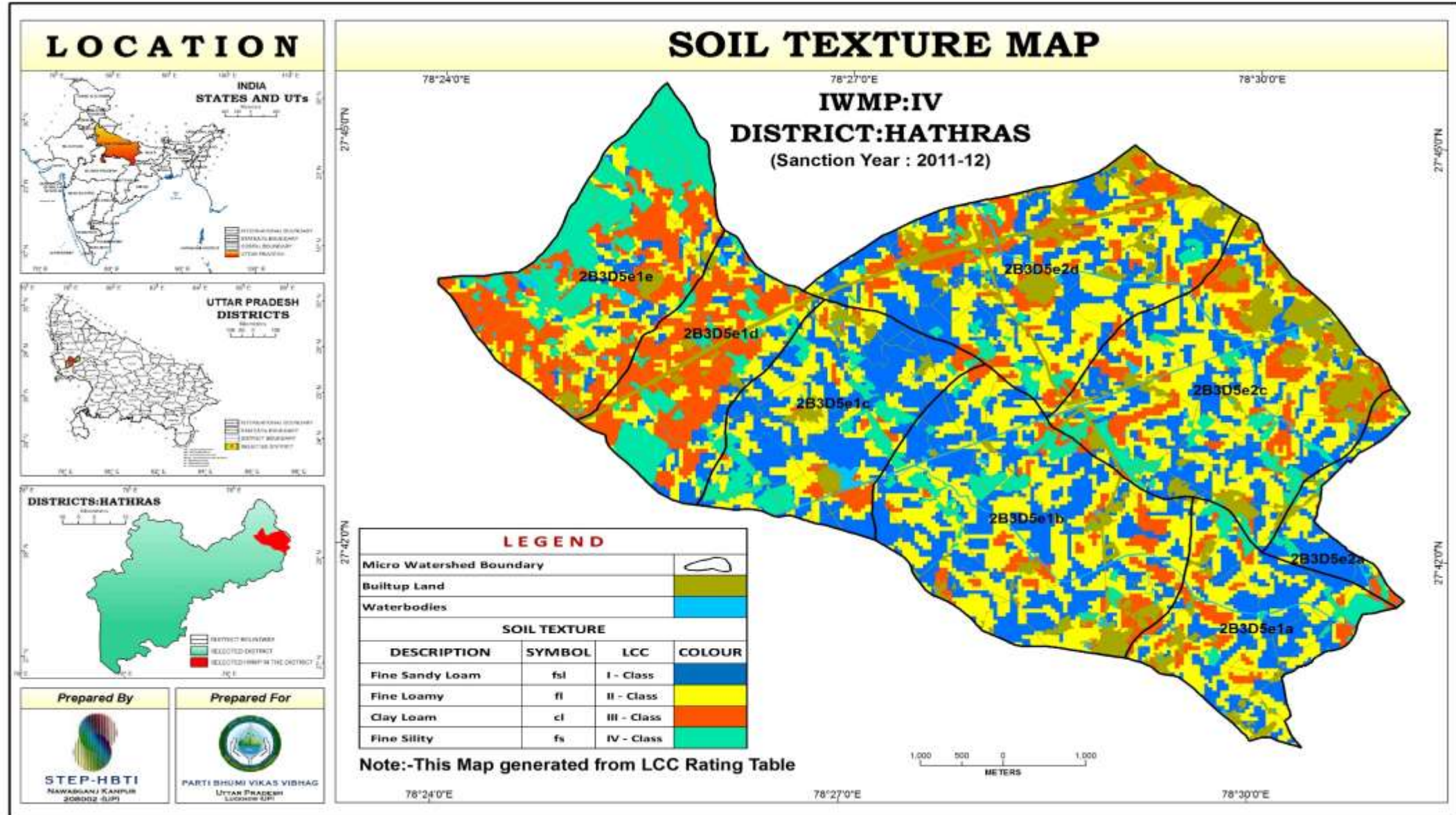




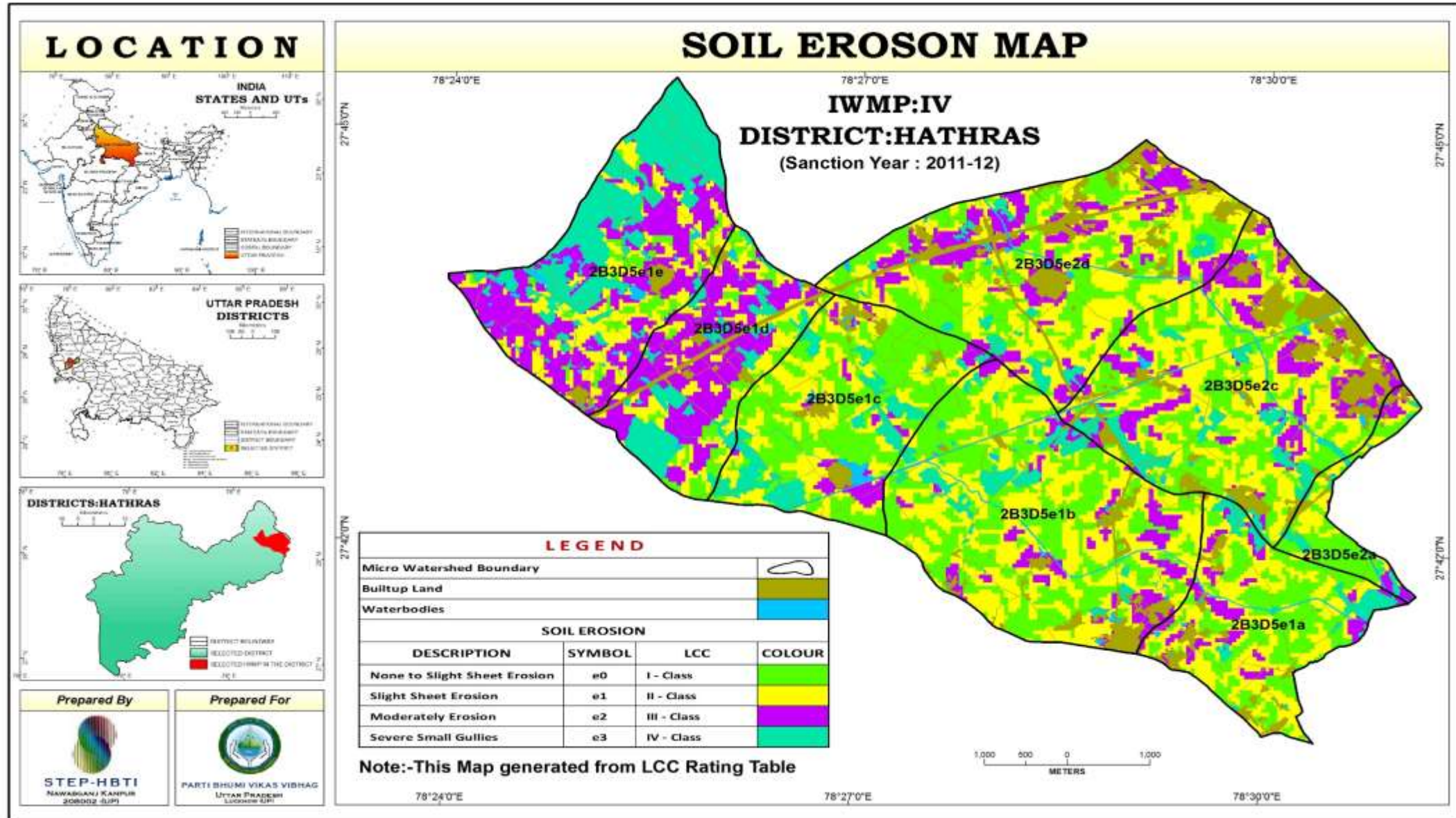
THEMATIC MAPS

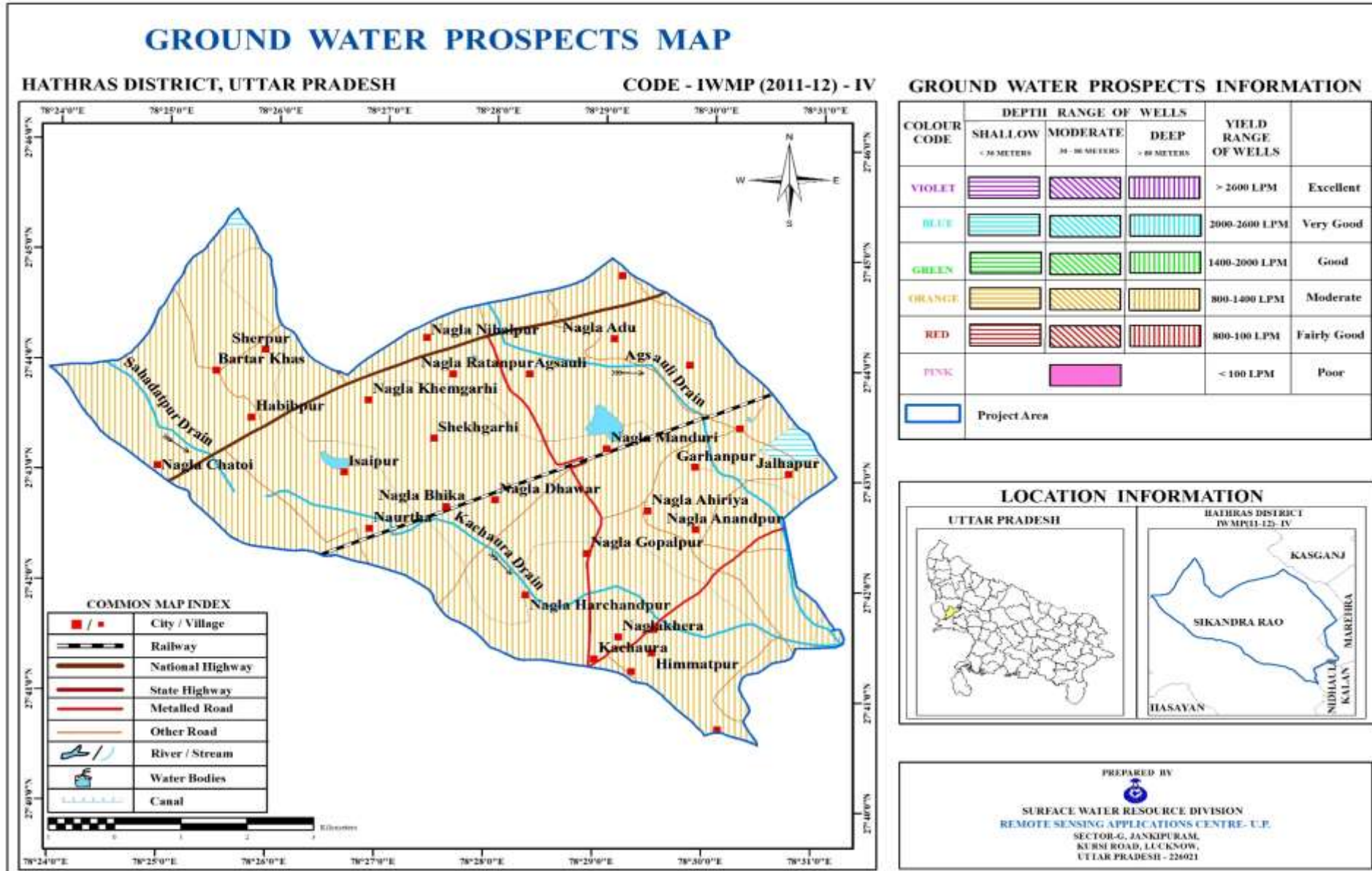






THEMATIC MAPS

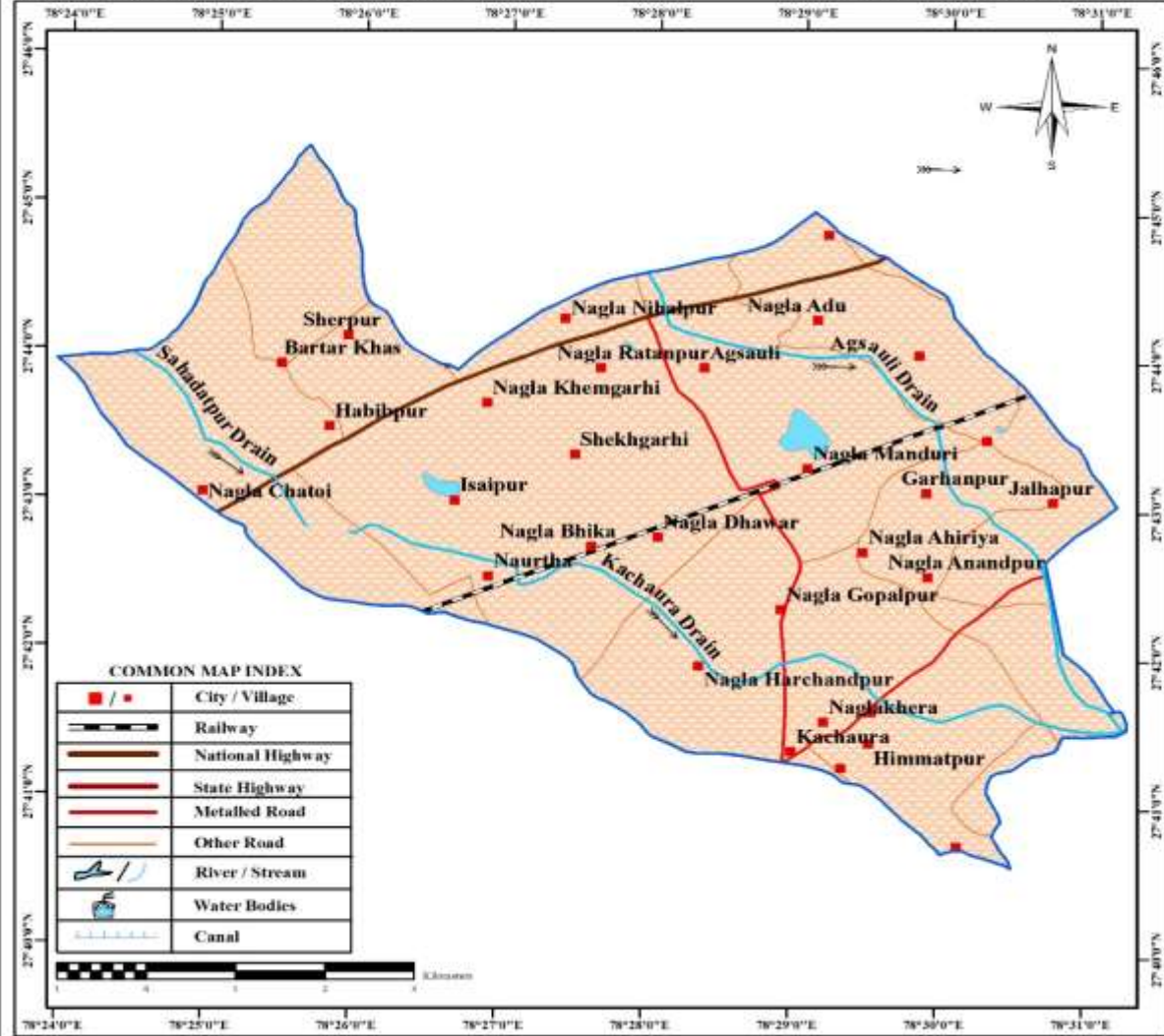






LITHOLOGY AND STRUCTURE MAP

HATHRAS DISTRICT, UTTAR PRADESH

CODE - IWMP (2011-12) - IV



LEGEND

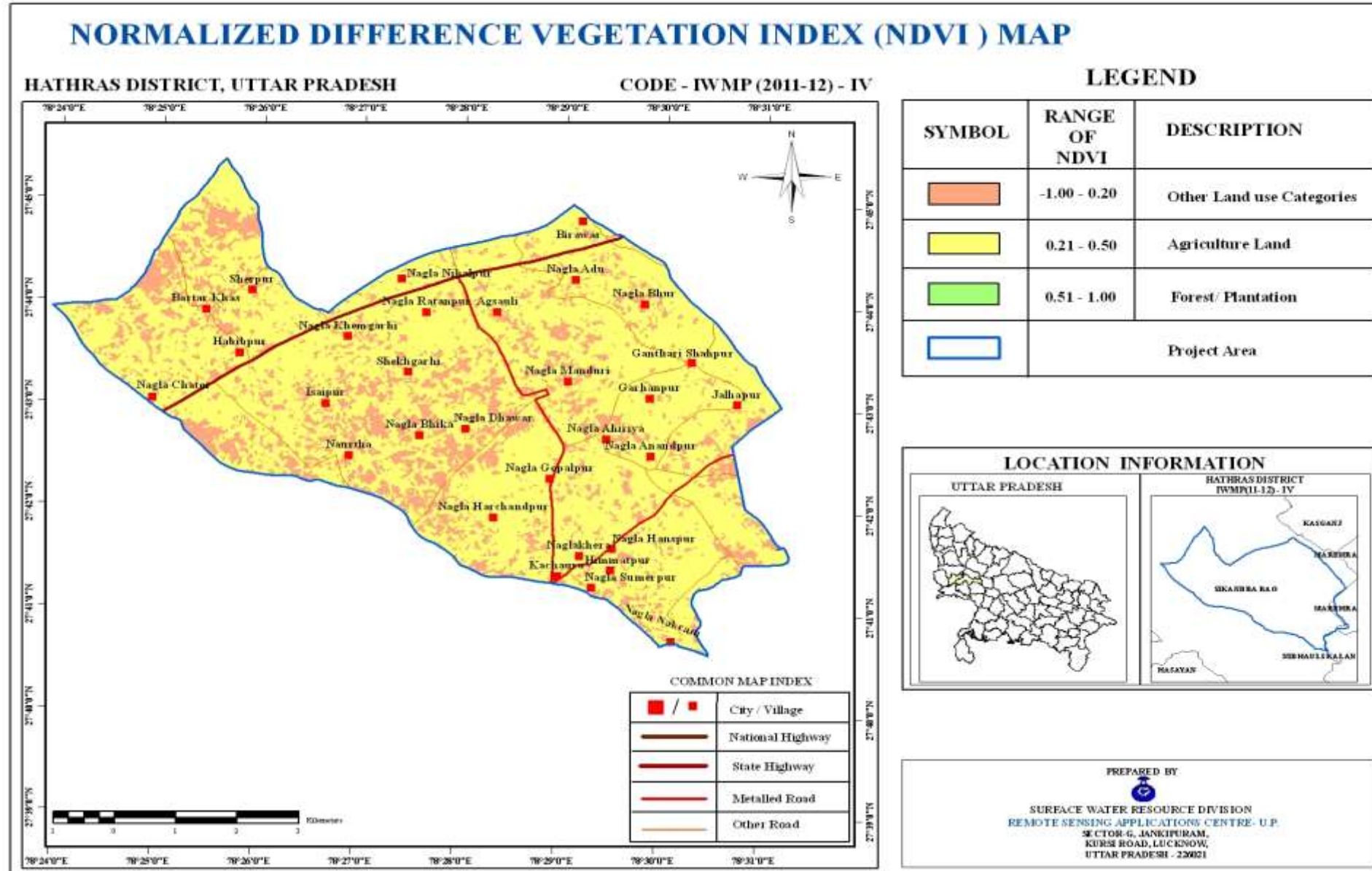
SYMBOL	DESCRIPTION
	Alluvium - sand/silt & clay alternating beds
	Project Area

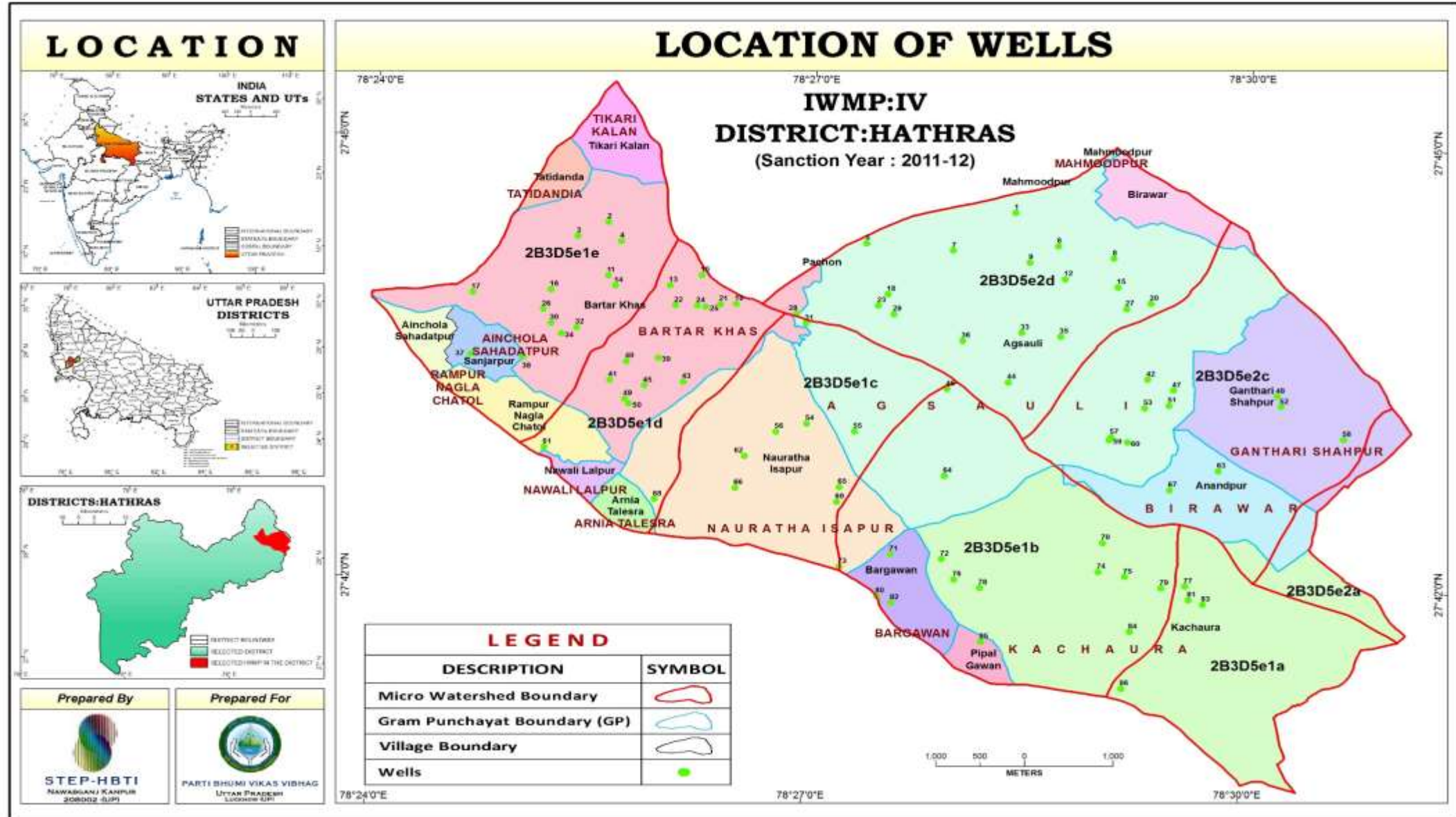
LOCATION INFORMATION



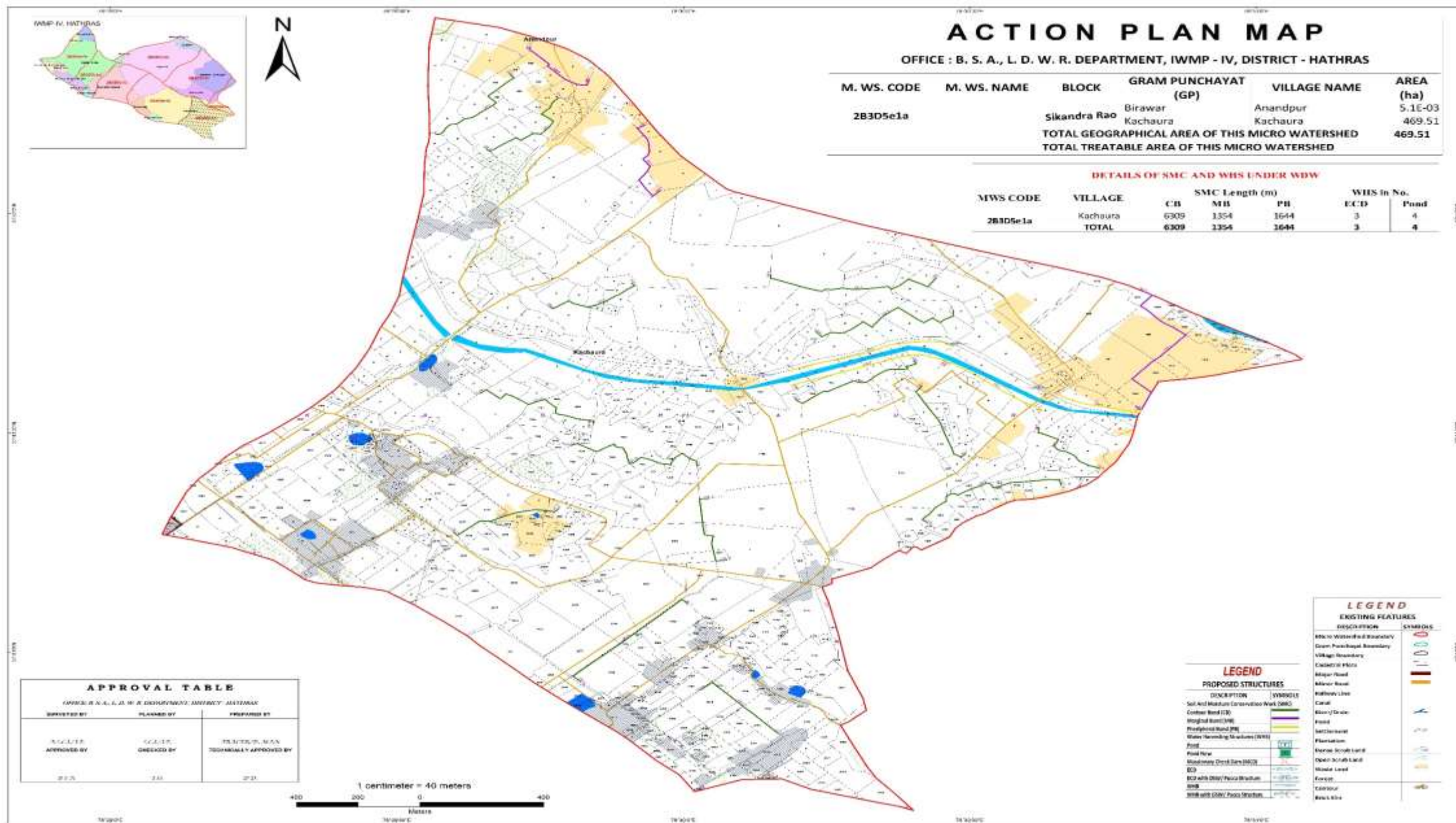
PREPARED BY

 SURFACE WATER RESOURCE DIVISION
 REMOTE SENSING APPLICATIONS CENTRE - U.P.
 SECTOR-G, JANKIPURAM,
 KURSI ROAD, LUCKNOW,
 UTTAR PRADESH - 226021

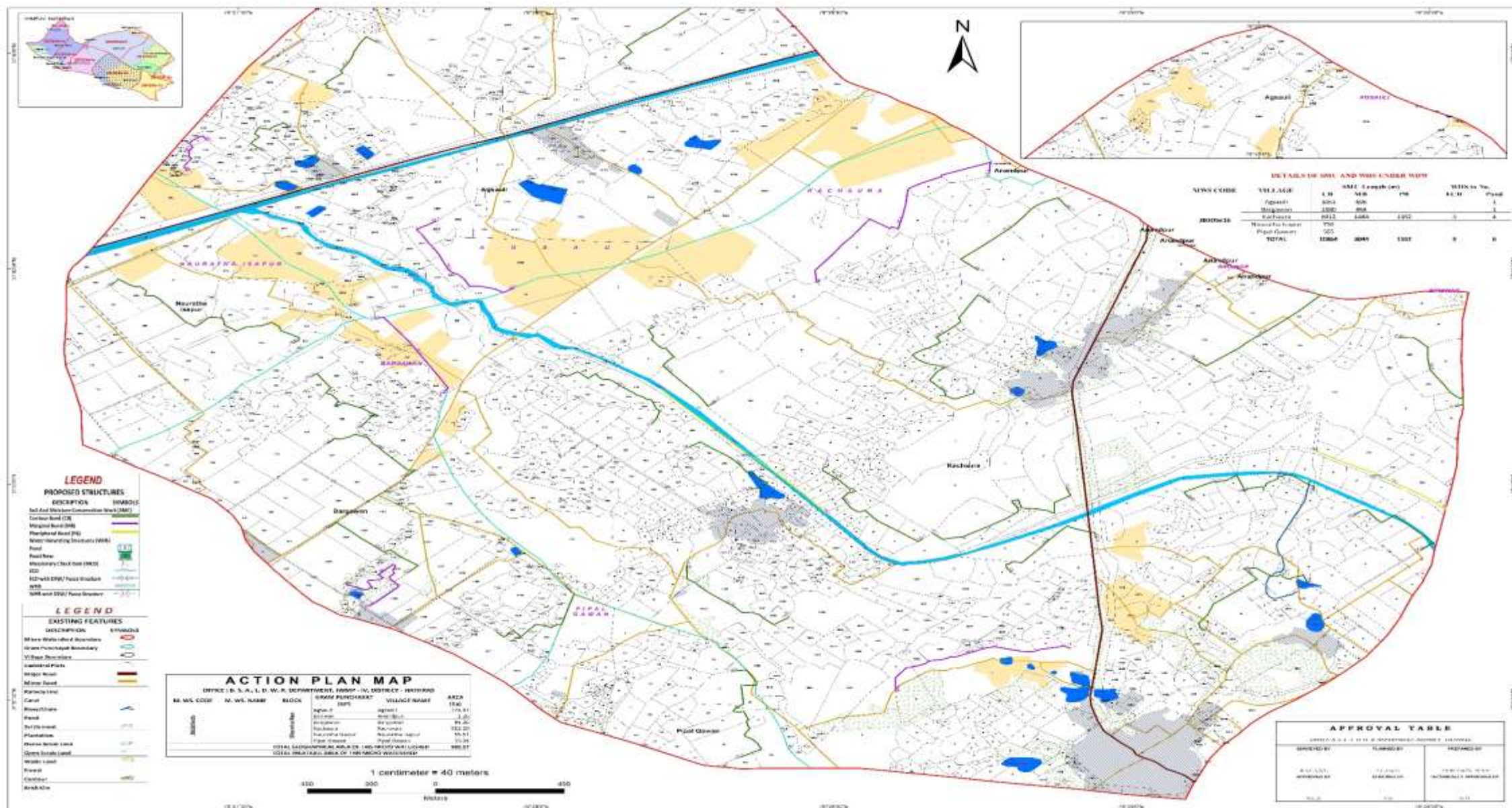




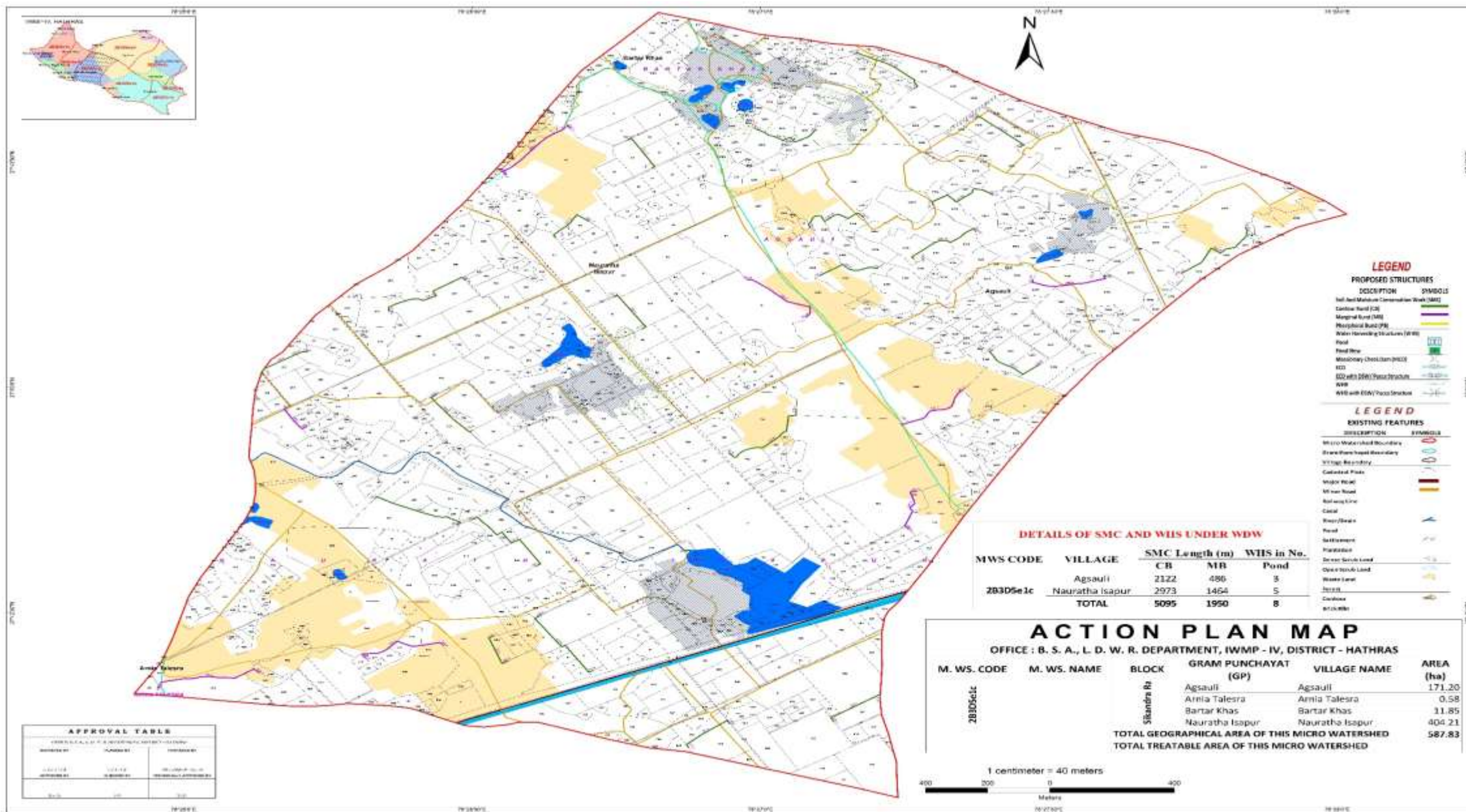
ACTION PLAN MAPS



ACTION PLAN MAPS



ACTION PLAN MAPS



LEGEND

PROPOSED STRUCTURES

DESCRIPTION	SYMBOLS
Full Area Mahalan Conservation Work (MWC)	
Canal Head (CH)	
Marginal Band (MB)	
Physiographical Band (PB)	
Water Harvesting Structures (WHS)	
Pond	
Pond Flow	
Masonry Check Dam (MCD)	
EC	
EC with (SW) / Cross Structure	
WIS	
WIS with (SW) / Cross Structure	

LEGEND

EXISTING FEATURES

DESCRIPTION	SYMBOLS
Micro Watershed Boundary	
Gram Panchayat Boundary	
Village Boundary	
Canal Head Point	
Major Road	
Minor Road	
Sub-surface	
Canal	
Flow/Drain	
Pond	
Settlement	
Plantation	
Deer Service Land	
Open Fallow Land	
Waste Land	
Barren	
Canal	
RT/CR/HR	

DETAILS OF SMC AND WIIS UNDER WDW

MWS CODE	VILLAGE	SMC Length (m)		WIIS in No.	
		CB	MB	Pond	
2B3D5e1c	Agsauli	2122	486	5	
	Nauratha Isapur	2973	1464	5	
	TOTAL	5095	1950	8	

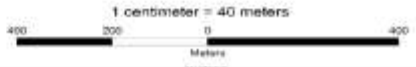
ACTION PLAN MAP

OFFICE : B. S. A., L. D. W. R. DEPARTMENT, IWMP - IV, DISTRICT - HATHRAS

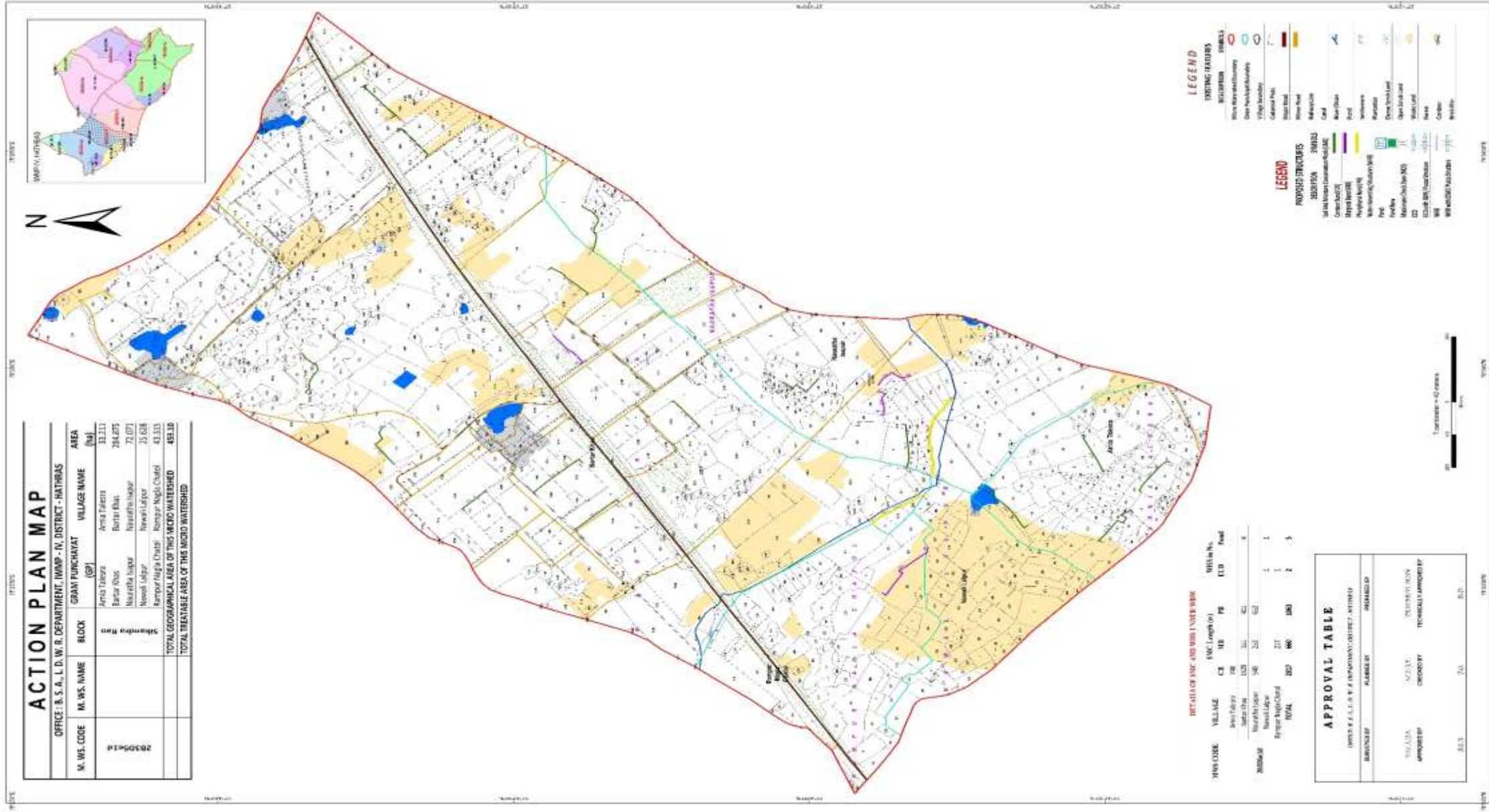
M. WS. CODE	M. WS. NAME	BLOCK	GRAM PUNCHAYAT (GP)	VILLAGE NAME	AREA (ha)
2B3D5e1c		Sikandra Bt	Agsauli	Agsauli	171.20
			Arnia Talesra	Arnia Talesra	0.58
			Baratar Khas	Baratar Khas	11.85
			Nauratha Isapur	Nauratha Isapur	404.21
TOTAL GEOGRAPHICAL AREA OF THIS MICRO WATERSHED					587.83
TOTAL TREATABLE AREA OF THIS MICRO WATERSHED					

APPROVAL TABLE

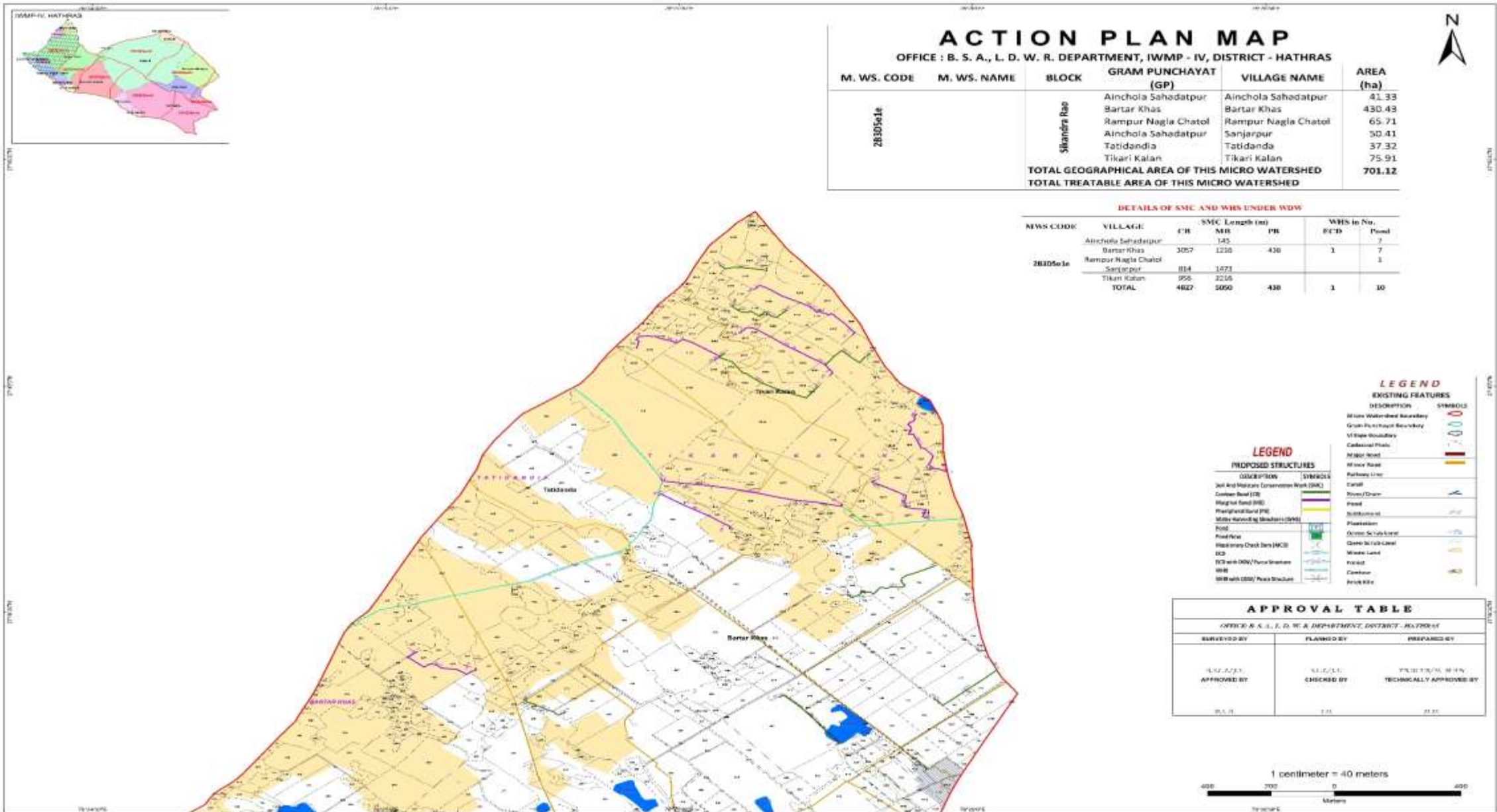
Sl. No.	Name	Signature	Date
1			
2			
3			



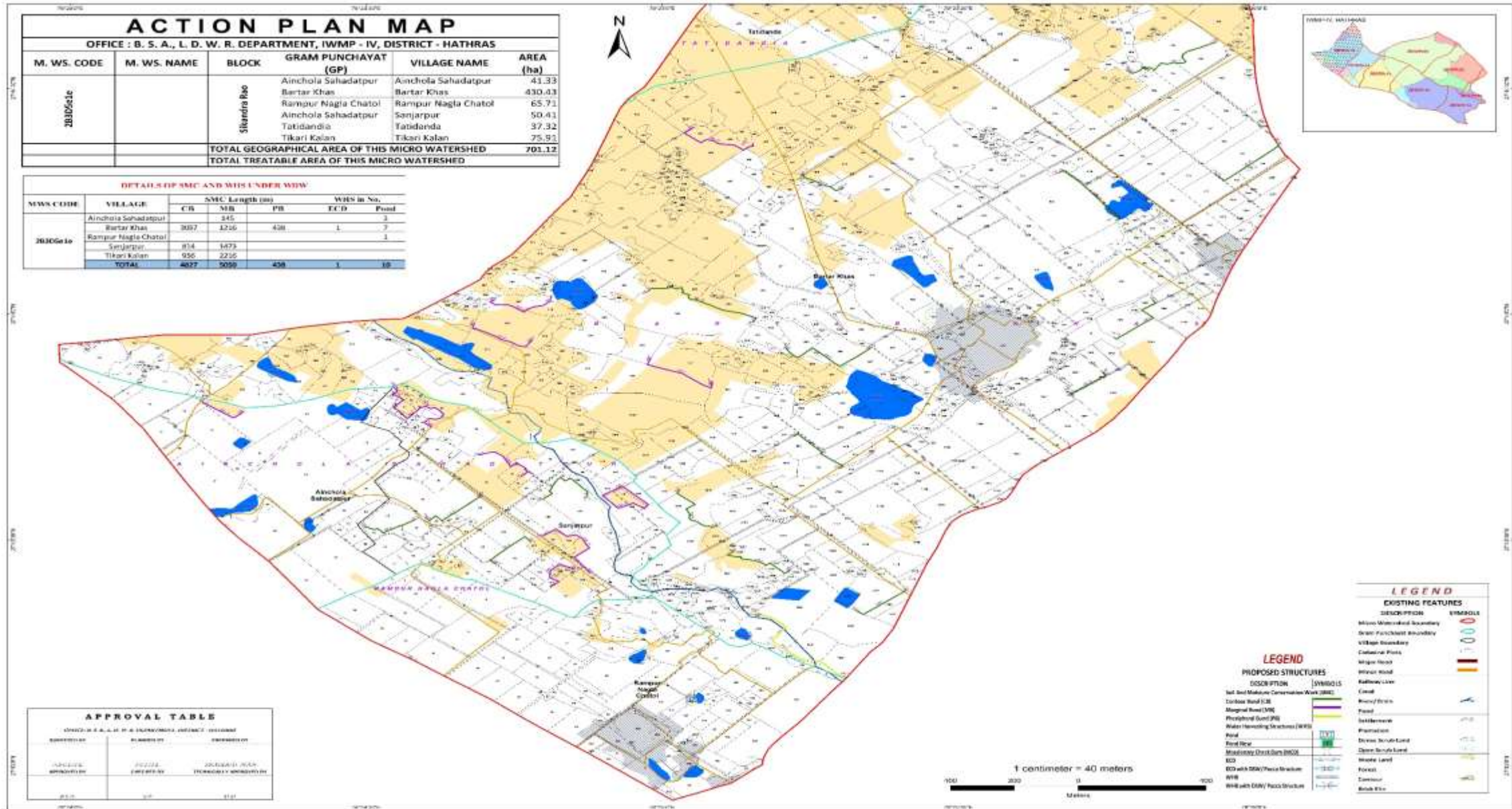
ACTION PLAN MAPS



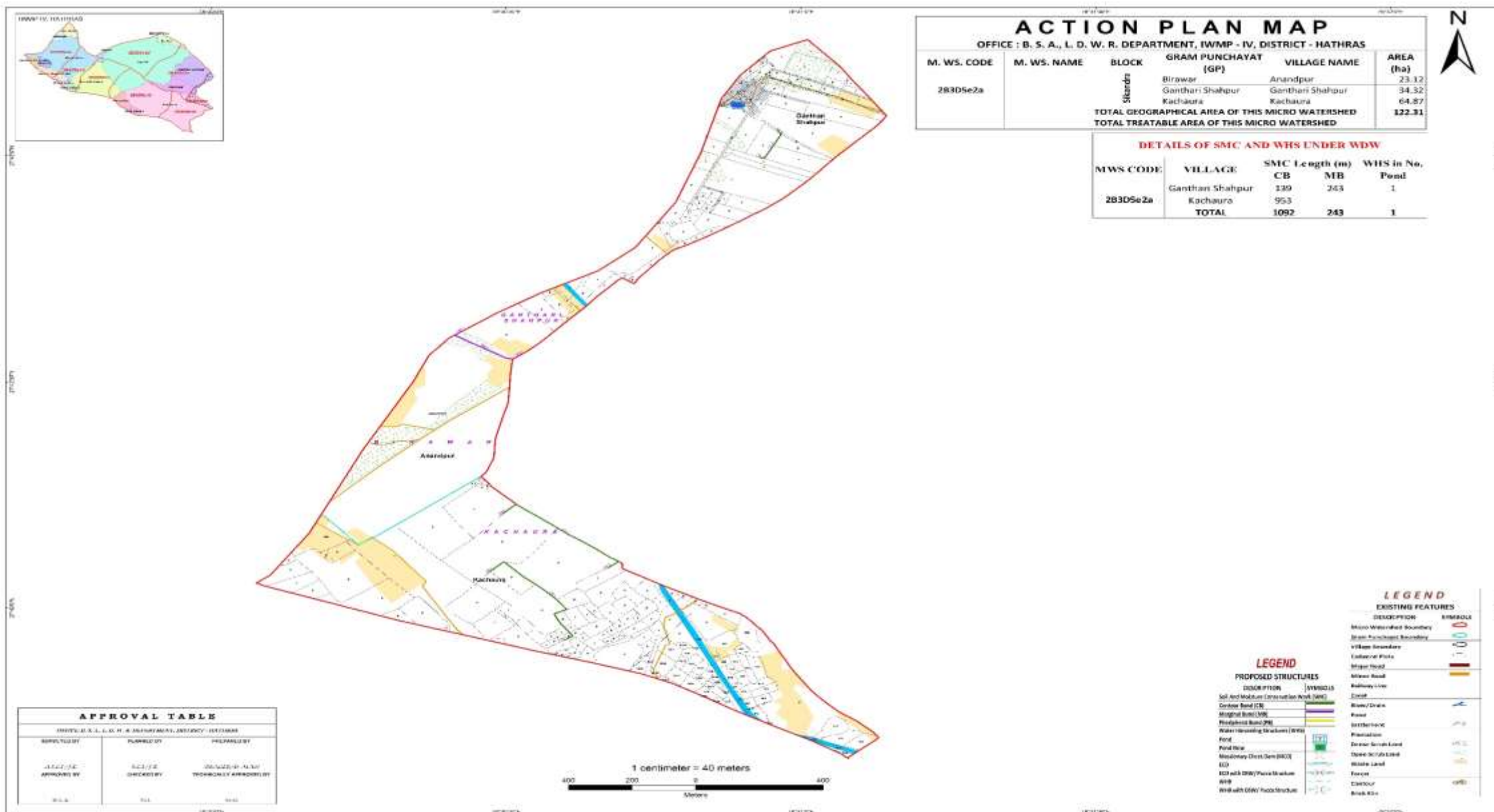
ACTION PLAN MAPS



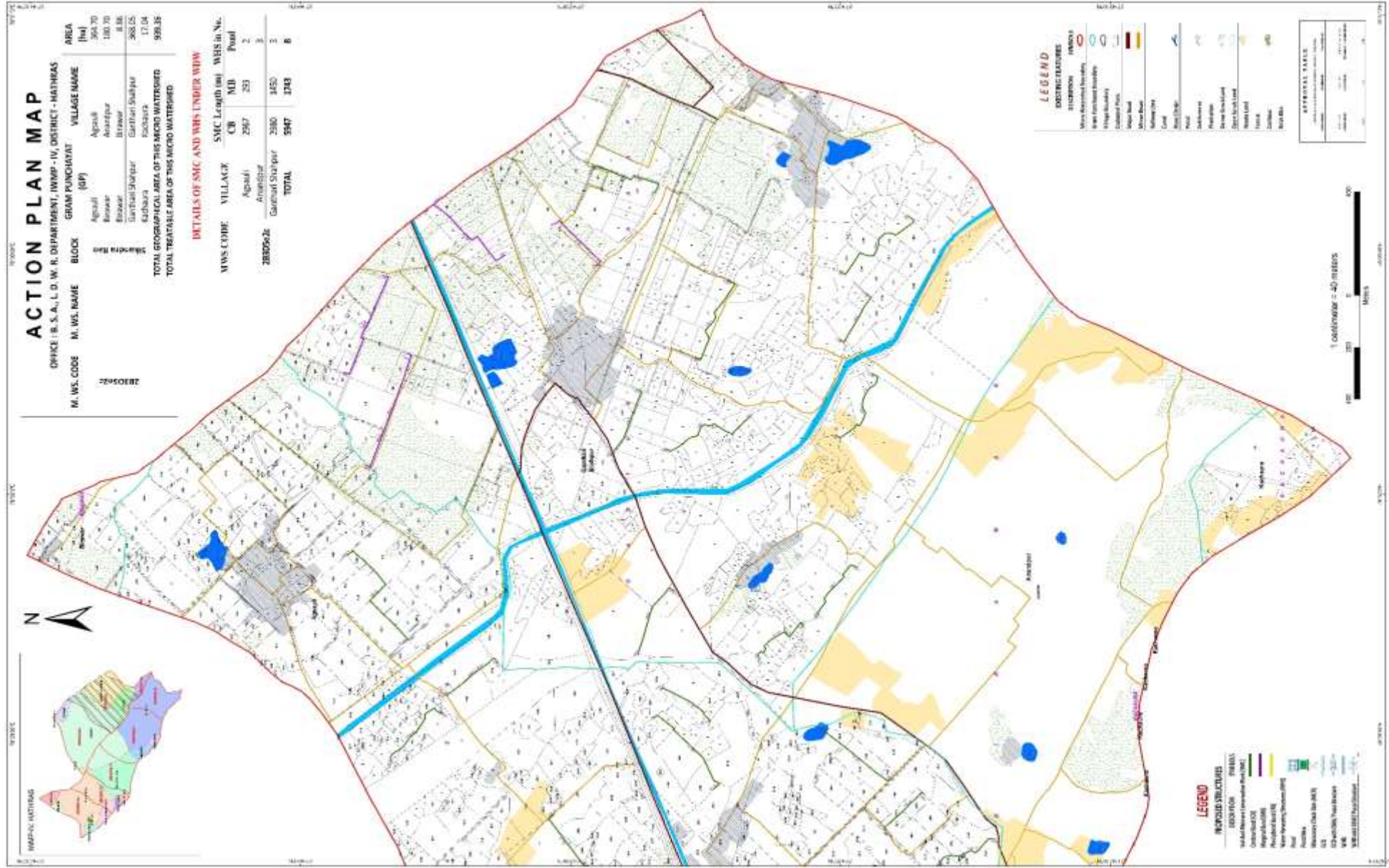
ACTION PLAN MAPS



ACTION PLAN MAPS



ACTION PLAN MAPS



ACTION PLAN MAPS

