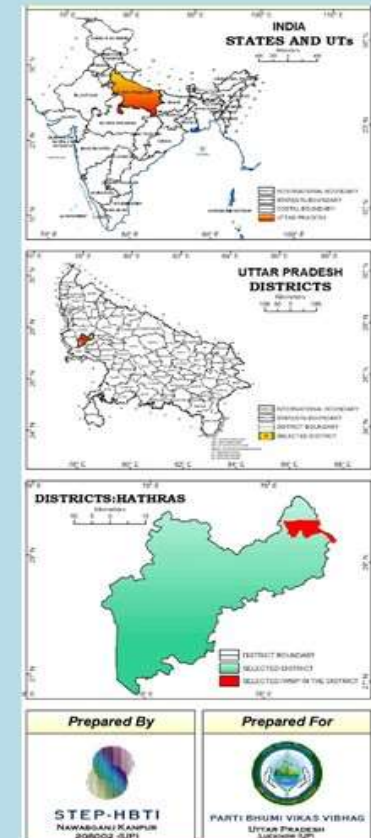
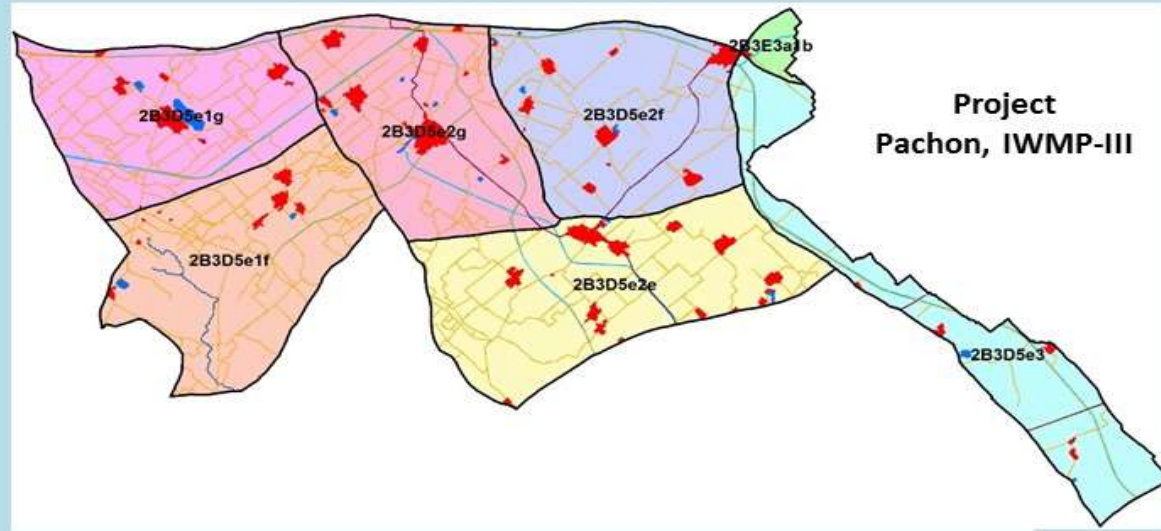


DPR for Pachon, Project IWMP-III, District-Hathras (Year 2011-2012)



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 रूचि, 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-तृतीय (IWMP-III), 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.-तृतीय (IWMP-III) 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


काय प्रभासी
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-तृतीय (IWMP-III), 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 गतिविधियां/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 07 Micro Watershed of the Project Area of Watershed Pachon, IWMP-III, District-Hathras, Uttar Pradesh Coded and named as 2B3D3a1b-Firozpur, 2B3D5e1f-Tatidandia, 2B3D5e1g-Mubarikpur Kapsia, 2B3D5e2e-Pachon, 2B3D5e2f-Dandesri, 2B3D5e2g-Tikari Kalan, 2B3D5e3-Ganthari Shahpur are situated Sikandra Rao Block which is 32-35 km away from the district head quarter. The Latitudinal and Longitudinal position of the project is From 27° 43' 05.40" N to 27° 46' 56.61" N and From 78° 22' 45.66" E to 78° 31' 39.93" E. Micro Watershed wise details are given in the DPR. The project consist of 07 Micro Watershed consist 18 villages, 14 Gram Panchayat (GP) with total Geographical Area of 4185.14 ha out of which 3037 ha area is proposed to be used for treatment with total outlay of Rs. 364.44 Lakhs under the Integrated Watershed Management Programme (IWMP). 12 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 Project is situated at an elevation of 171.50 m to 184.50 m above mean sea level and has relief from with mean elevation of 177.39 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 05 categories viz. 0 - 0.5%, 0.5 – 1%, 1 – 2%, 2-3% 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 1.01 - 2% (1959.33 ha) followed by 0.51 - 1% (1421.72 ha) .

The population of the project area is 49410 covering 8416 HH with an average family size 5.87 in number. SC/ST represent 20.57%. Literacy rate 57.78% and number of BPL HH 1848 (21.96%) and Assetless HH 1084 (12.88%) details are given in the DPR. The land holding pattern given in the DPR comprises 5637 (76.88%) marginal farmers who dominate the cluster followed by 1205 (16.43%) small farmers and 490 (6.68%) 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 15402 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 (Self 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 53 nos. of existing Ponds and 39 nos. of Recharge pit. under Water Harvesting Structures which will provide life saving irrigation in the area of 151.30 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 151.30 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 392.40 ha to 536.27 ha, an increase in the area under afforestation cover from 215.15 to 241.24 ha, under fuel and fodder cover from 38.97 ha to 63.05 ha and under horticulture cover from 138.27 ha to 231.97 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 53 number of Water Harvesting Structures having storage capacity of 30.26 ham an additional area of 151.30 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 Groups (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 12 WCs, 107 SHGs and 53 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. 14.58 Lakhs) which consist of Solar Light, the WDW work (56% of the total cost Rs. 204.09 Lakhs) Water Harvesting Structures like renovation of Pond and recharge pit, 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. 32.80 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. 36.44 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. 18.22 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. 168.83 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. 17200/- per annum and for farmers Rs. 22300 /-, with the proposed intervention under the project, are expected to increase to Rs. 23500/- and Rs. 31600/- respectively after the completion of the project. NPV of the project is proposed to be Rs. 12093434.58 at 15% discounted factor of net benefits. IRR of project is 29.10% and B : CR at 15% discounted factor of Net benefits is 1.36 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	Pachon, IWMP-III	District :-Hathras (Mahamaya Nagar)/Year :11-12
Project Duration	05 Years	
Cost of The Project in Lakhs from IWMP	364.44	
Cost of The Project in Lakhs from Convergence	168.8318	
Total Project Cost in Lakhs	533.27	
Project Cost/ha in Lakhs		
From IWMP	0.12000	
From Convergence	0.05559	
Total	0.17559	
Number of MWS	7	
MWS Code and Name	2B3D3a1b-Firozpur, 2B3D5e1f-Tatidandia, 2B3D5e1g-Mubarikpur Kapsia, 2B3D5e2e-Pachon, 2B3D5e2f-Dandesri, 2B3D5e2g-Tikari Kalan, 2B3D5e3-Ganthari Shahpur	
Nos. of connected Village	18	
Nos. of Gram Panchayat	14	
Number of Watershed Committees (WCs) Formed	12	
Agro Climatic Zone	South Western Semi Arid Zone	
Location of Watershed		
Longitude	78° 22' 45.66" E	78° 31' 39.93" E
Latitude	27° 43' 05.40" N	27° 46' 56.61" N
Elevation		
Highest Elevation in m	184.50	
Lowest Elevation in m	171.50	
Elevation Difference	13.00	
Mean Elevation in m	177.39	
Stream Order	Length in meter	Nos.
	3616.15	3
Nos. Of Water Bodies	22	

General Profile of the Project

Details of Land as per LULC in ha		
Geographical Area	4185.14	
Planned Area	3037.00	
Scrub Land	47.57	
Wasteland Cultivable	327.69	
Average Rainfall	454.17	
Maximum Temperature degree C	48°C	
Minimum Temperature degree C	-1°C	
Relative Humidity %	36% - 76%	
Total population	49410	
Male	26376	
Female	23034	
SC/ST population	10166	
Male	5418	
Female	4748	
Total HH	8416	
BPL HH and %	1848	21.96
Assetless HH and %	1084	12.88
Farmers Details (Total farmers)	7332	
Marginal Farmers	5637	
Small Farmers	1205	
Large Farmers	490	
Migration	Pre Project Status	Post Project Status
Migration in Nos.	15402	10781
Migration in days	-	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
Single Cropped Area	1759.22	1377.00
Double Cropped Area	991.89	1330.00

General Profile of the Project

Multi Cropped Area	0.00	73.00
Cropping Intensity in %	Pre Project	Post Project
	123%	140.13%
Mandays Generated in Nos.		
From IWMP Funds	6996	
From Convergence Funds	52339	
Total	59335	
Average Annual Income/HH in Rs.	Pre Project	For Assetless Post Project
For Assetless	17200.00	23500.00
For Farmers	22300.00	31600.00
No. of Person to be Trained Under CB Plan	2993	
Detail of Beneficiaries		
Livelihood Activities		
PSME	1070	
WDW	4292	
WDW	2254	
Total	7616	
No. of Water harvesting Structures	53	
Storage Capacity in ham	30.26	
Additional Area Brought under Irrigation in ha		
@ 5 cm * 2 Irrigation/ha	151.30	
@ 7.5 cm * 2 Irrigation/ha	100.87	
Area Under in ha	Pre Project Status	Addition Area under the Project
Afforestation	215.15	26.09
Fuel & Fodder	38.97	24.08
Horticulture	138.27	93.70
Vegetative Cover	392.40	143.87
No. of Institutions Formed		
Watershed Committees	12	
User Groups (Ugs)	53	

General Profile of the Project

Self Help Groups (SHGs)	107
Federations	12
Reduction in Soil loss	8-10 tonnes/ha/Year
Runoff	136.25
NPV @ 15% Discounted Factor of Net Benefits	12093434.58
B : CR at 15% Discounted Factor	1.36
IRR %	29.10

Year Wise Physical and Financial At A Glance of DPR														Pachon, IWMP-III		District:		ithras (Mahamaya Nag Area:		3037		(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			1.822		5.467		9.840		9.840		9.475	0	36.444									
B	Monitoring					0.729		0.729		0.729		1.458	0	3.644									
C	Evaluation					1.093		0.638		0.638		1.276	0	3.644									
D	EPA																						
1	Solar Light Panel	in no.	64	14.486									64	14.486									
2	Balance			0.092									0	0.092									
	Sub Total		64	14.578									64	14.578									
E	DPR		1	3.644									1	3.644									
F	Institution & Capacity Building																						
1	State Level Nodal Agency(SLNA)		0	0.547	0	0.182	0	0.182	0	0.182	0	0.000	0	1.093									
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.	79	0.119	40	0.060	23	0.035	23	0.035	79	0.119	244	0.366									
3.2	Within State	in no.	72	0.288	20	0.080	9	0.036	9	0.036	72	0.288	182	0.728									
3.3	Out of State	in no.	0	0.000	5	0.245	5	0.245	5	0.245	0	0.000	15	0.735									
	Sub Total :		151	0.407	65	0.385	37	0.316	37	0.316	151	0.407	441	1.829									
	Sub Total of WCDC		171	0.547	160	1.275	57	0.456	57	0.456	171	0.547	616	3.279									
4	Project Implementation Agency (PIA)																						
4.1	PIA	in no.	3	0.241	4	0.322	0	0.000	0	0.000	0	0.000	7	0.563									
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.	112	0.355	1200	3.804	0	0.000	0	0.000	0	0.000	1312	4.159									
4.4	WC Member	in no.	0	0.000	100	0.634	0	0.000	0	0.000	0	0.000	100	0.634									
4.5	WC Functionaries	in no.	0	0.000	24	0.322	24	0.322	24	0.322	24	0.322	96	1.286									
4.6	UGs	in no.	0	0.000	102	0.323	46	0.146	46	0.146	73	0.231	267	0.846									
4.7	UGs Functionaries	in no.	0	0.000	60	0.804	32	0.429	32	0.429	14	0.188	138	1.849									
4.8	SHGs	in no.	0	0.000	90	0.856	50	0.476	50	0.476	0	0.000	190	1.807									
4.9	SHGs Functionaries	in no.	0	0.000	34	0.456	44	0.590	44	0.590	30	0.402	152	2.037									
	Sub Total :		117	0.73	1616	7.65	198	2.10	198	2.10	143	1.28	2272	13.85									
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		Pachon, IWMP-III				District:		ithras (Mahamaya Nag Area:		3037		(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		288	1.823	1776	9.111	290	7.983	290	7.983	349	7.073	2993	33.974
	Fund From IWMP			1.822		9.111		2.733		2.733		1.822		18.222
5	Institution & Capacity Building Convergence	in no.					35	5.250	35	5.250	35	5.251	105	15.752
G	Livelihood Activities													
1	Nos. of SHGs for Seed Money	in no.			16	2.296	29	5.740	29	6	33	6.888	107	20.664
2	Nos. of Individuals	in no.			5	0.255	8	0.638	8	0.638	9	0.765	30	2.296
3	Grant-in aid under Funding for major activities for federation / Enterprising SHGs	in no.			0	1.093	0	2.733	0	2.733	0	3.280	0	9.840
	Sub Total					3.644		9.111		9.111		10.933		32.800
H	Production System & Micro Enterprises													
1	Crop Demonstration													
1.1	Minor Millets	in ha			7.75	0.620	7.75	0.620	0.00	0.000	0.00	0.000	15.50	1.240
1.2	Pulses -Urd/Moong/Arhar	in ha			9.75	1.170	10.00	1.200	0.00	0.000	0.00	0.000	19.75	2.370
1.3	Oil Seeds	in ha			8.50	1.020	9.75	1.170	0.00	0.000	0.00	0.000	18.25	2.190
1.4	Chia	in ha			0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000
1.5	Quinoa	in ha			0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000
2	Vegetables													
2.1	Tomato/Brinjal/Okra/Shimla Mirch	in ha			0.00	0.000	1.90	0.456	0.00	0.000	0.00	0.000	1.90	0.456
2.2	Califlower/Cabage	in ha			0.00	0.000	1.60	0.384	0.00	0.000	0.00	0.000	1.60	0.384
2.3	Cucurbits	in ha			0.00	0.000	1.20	0.144	0.00	0.000	0.00	0.000	1.20	0.144
2.4	Shakbhaji	in ha			0.00	0.000	1.20	0.120	0.00	0.000	0.00	0.000	1.20	0.120
3	Spices													
3.1	Garlic/Ginger/Turmeric	in ha			0.00	0.000	1.10	0.264	0.00	0.000	0.00	0.000	1.10	0.264
3.2	Coriander/Methi/Saunf/Kalaunji	in ha			0.00	0.000	1.40	0.168	0.00	0.000	0.00	0.000	1.40	0.168
3.3	Chili	in ha			0.00	0.000	1.20	0.240	0.00	0.000	0.00	0.000	1.20	0.240
4	Floriculture													
4.1	Marry Gold	in ha			0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000	0.00	0.000
4.2	Deshi Gulab	in ha			0.00	0.000	5.40	1.296	0.00	0.000	0.00	0.000	5.40	1.296
4.3	Agro-forestry	in ha			0.00	0.000	13.50	1.350	0.00	0.000	0.00	0.000	13.50	1.350
5	Distribution of Various Kit													
5.1	IPM Kit	in no.			0	0.000	0	0.000	21	0.420	9	0.180	30	0.600
5.2	Improved/High Yeilding Variety (HYV) of Seed Kit	in no.			46	0.230	65	0.325	30	0.150	48	0.240	189	0.945
5.3	Vegitable Kit	in no.			52	0.104	77	0.154	23	0.046	54	0.108	206	0.412
5.4	Fodder Kit	in no.			20	0.100	44	0.220	13	0.065	26	0.130	103	0.515
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	7	0.350	0	0.000	7	0.350
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			Pachon, IWMP-III				District:		ithras (Mahamaya Nag Area:		3037		(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.			4	0.400	10	1.000	10	1.000	10	1.000	34	3.400
11	Distribution of Buck	in no.			0	0.000	0	0.000	4	0.200	0	0.000	4	0.200
12	Distribution of Agriculture Equipments													
12.1	Winnowing Fan	in no.			0	0.000	0	0.000	31	1.860	0	0.000	31	1.860
12.2	Sprayer	in no.			0	0.000	0	0.000	84	2.520	0	0.000	84	2.520
12.3	Broadcaster	in no.			0	0.000	0	0.000	8	0.120	0	0.000	8	0.120
12.4	Drum Seeder	in no.			0	0.000	0	0.000	4	0.320	0	0.000	4	0.320
12.5	Cono Weeded	in no.			0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
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	7	0.280	5	0.200	12	0.480
12.8	Portable Pump for Lift Irrigation	in no.			0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
13	Micro-enterprises													
13.1	Mushroom Cultivation	in no.			0	0.000	0	0.000	0	0.000	2	0.480	2	0.480
13.3	Apiculture	in no.			0	0.000	0	0.000	0	0.000	2	0.480	2	0.480
13.5	Fruit Preservation	in no.			0	0.000	0	0.000	0	0.000	6	1.440	6	1.440
13.7	Poultry	in no.			0	0.000	0	0.000	0	0.000	5	1.000	5	1.000
13.9	Goatary	in no.			0	0.000	0	0.000	6	1.200	15	3.000	21	4.200
14.1	Dairy Product	in no.			0	0.000	0	0.000	0	0.000	3	0.720	3	0.720
14.3	Mini Dal Mill	in no.			0	0.000	0	0.000	0	0.000	4	0.800	4	0.800
14.5	Daliya Making Machine	in no.			0	0.000	0	0.000	0	0.000	4	0.800	4	0.800
14.7	Grain Cleaner Cum Grader	in no.			0	0.000	0	0.000	0	0.000	12	2.400	12	2.400
14.9	Floor Separator	in no.			0	0.000	0	0.000	0	0.000	4	0.960	4	0.960
15.1	Portable Charing Kiln	in no.			0	0.000	0	0.000	0	0.000	8	0.640	8	0.640
15.3	UMMB Block	in no.			0	0.000	0	0.000	0	0.000	0	0.000	0	0.000
	Sub Total					3.644		9.111		9.111		14.578		36.444
	Convergence													
16	Vermi Compost Pit@ Rs 0.09	in no.			12	1.080	12	1.080	12	1.080	12	1.080	48	4.320
17	Nadep Compost Pit @ Rs. 008	in no.			12	0.960	12	0.960	12	0.960	12	0.960	48	3.840
18	Cow Shelter@ Rs 0.45	in no.			0	0.000	12	5.400	0	0.000	12	5.400	24	10.800
19	Goat Shelter@ Rs. 0.35	in no.			12	4.200	12	4.200	0	0.000	12	4.200	36	12.600
20	Poultry Shelter@ Rs. 0.40	in no.			0	0.000	12	4.800	12	4.800	0	0.000	24	9.600
21	Azola Pit@ Rs. 0.02	in no.			0	0.000	12	0.240	0	0.000	12	0.240	24	0.480
22	Fodder Through@ Rs.0.35	in no.			0	0.000	12	4.200	0	0.000	12	4.200	24	8.400
23	Sanjeevak pit@ Rs.0.02	in no.			0	0.000	12	0.240	0	0.000	12	0.240	24	0.480
24	Micro Irrigation-Sprinkler	in no.			4	0.000	4	0.000	4	0.000	4	0.000	16	0.000
25	Micro Irrigation-Drip	in no.			4	0.000	4	0.000	4	0.000	4	0.000	16	0.000
26	Poly House	in no.			0	0.000	4	0.000	0	0.000	4	0.000	8	0.000
27	Agro Shed Net House	in no.			0	0.000	4	0.000	0	0.000	4	0.000	8	0.000
	Sub Total					6.240		21.120		6.840		16.320		50.520

Year Wise Physical and Financial At A Glance of DPR			Pachon, IWMP-III				District:		ithras (Mahamaya Nag Area:		3037		(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					9.884		30.231		15.951		30.898		86.964
I	Water Development Works													
1	Land Development													
1.1	Block Plantation													
1.11	Horticulture	in ha			8.25	1.65	20.75	4.15	20.75	4.15	20.75	4.15	70.50	14.100
1.12	Afforestation	in ha			6.50	0.65	11.50	1.15	11.50	1.15	11.50	1.15	41.00	4.100
	Sub Total				14.75	2.300	32.25	5.300	32.25	5.300	32.25	5.300	111.50	18.200
1.2	Scattered Plantation													
1.21	Horticulture	in no.			820	0	1095	0	1095	0	1095	0	4105	1.642
1.22	Afforestation	in no.			530	0	780	0	780	0	730	0	2820	0.564
	Sub Total				1350	0.434	1875	0.594	1875	0.594	1825	0.584	6925	2.206
	Total					2.734		5.894		5.894		5.884		20.406
2	SMC-Convergence													
2.1	Contour Bund(CB)	in rmt			4240	3	9176	7	9300	7	9121	7	31837	23.973
2.1.1	Outlet (for safe disposal of Water) @ Rs. 750/outlet	in no.			8	0	18	0	18	0	18	0	62	0.465
2.2	Marginal Bund(MB)	in rmt			4234	8	9333	17	9439	18	9573	18	32579	60.890
2.2.1	Outlet (for safe disposal of Water) @ Rs.15000/outlet	in no.			8	1	18	3	18	3	19	3	63	9.450
2.3	Peripheral Bund(PB)	in rmt			0	0	1107	2	1504	3	990	2	3601	6.730
2.3.1	Outlet (for safe disposal of Water) @ Rs.15000/outlet	in no.			0	0	2	0	3	0	2	0	7	1.050
	Sub Total					12.366		29.557		30.740		29.895		102.559
2-A	SMC-Under IWMP Fund													
2.A.1	Contour Bund(CB)	in rmt			2647	1.993	718	0.541	442	0.333	0	0.000	3807	2.867
2.A.2	Marginal Bund(MB)	in rmt			61	0.114	1392	2.602	1232	2.303	1232	2.303	3917	7.321
2.A.3	Peripheral Bund(PB)	in rmt			0	0.000	0	0.000	278	0.520	457	0.854	735	1.374
	Sub Total					2.107		3.142		3.155		3.157		11.561
3	Water Harvesting Structure													
3.1	Massonary Check Dam	in no.			0	0.00	0	0.00	0	0.000	0	0.000	0	0.000
3.2	Ponds Renovation	in no.			8	22.49	15	49.25	15	49.251	15	49.176	53	170.170
3.3	New Pond	in no.			0	0.00	0	0.000	0	0.000	0	0.000	0	0.000
3.5	Recharge structure in Abandand Well				0	0.00	0	0.000	0	0.000	0	0.000	0	0.000
3.6	Recharge Pit	in no.			0	0.00	13	0.650	13	0.650	13	0.650	39	1.950
	Sub Total				8	22.492	28	49.90	28	49.901	28	49.826	92	172.120
	Storage Capacity	ham				4.000		8.760		8.760		8.740		30.260
	Additional Area Brought Under Irrigation													
	@ 5 cm * 2 Irrigation/ha					20.00		43.80		43.80		43.70		151.30
	@ 7.5 cm * 2 Irrigation/ha					13.33		29.20		29.20		29.13		100.87
J	Consolidation													
1	Completion of Various Left Over Work											8.113	0	8.113
2	Perparation of Project Completion Report											0.240	0	0.240

Year Wise Physical and Financial At A Glance of DPR		Pachon, IWMP-III		District:		ithras (Mahamaya Nag Area:		3037		(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.
3	Documentation of Successful Experience											0.600	0	0.600
4	Management and Maintenance of Developed Natural Resources											0.240	0	0.240
5	Users right and users charges											0.120	0	0.120
6	Sustainable utilization of natural tesources											0.240	0	0.240
7	formation of federation for post project economic											0.300	0	0.300
8	Capacity building of CBOs for post project period											0.120	0	0.120
9	Management and utilization of WDF											0.120	0	0.120
10	Intensification of PSME											0.480	0	0.480
11	Intensification of Livelihood											0.360	0	0.360
	Sub Total											10.933		10.933
	Grand Total			21.868		69.628		147.026		133.942		160.808		533.272
	Funds Available From IWMP			21.866		51.022		91.110		91.110		109.332		364.440
	Gap of Funds			0.00		18.61		55.92		42.83		51.48		168.83
	Funds From Convergence			0.00		18.61		55.92		42.83		51.48		168.83
	Project Cost per ha													
1	Cost per ha from IWMP FUND													0.12000
2	Cost from Convergence pr ha													0.05559
3	Total Cost per ha													0.17559

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

BENCHMARKING OF IWMP PROJECTS-	Pachon, IWMP-III		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 5 Years	Run off:136.25 mm/anum, Soil Loss:8-10 ton/ha/anum	5-8% due to IWMP 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 (Mansoon 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		
Open Well-Pre Mansoon				16-18	15-16
Open Well-Post Mansoon				15-16	14-15
Bore Well				42-44	42-44
Status of Water bodies (ponds, wells and springs)					
Spread area increase	Field Survey/ Remote Sensing	WDT/WC/PIA, M & E Agency	6 Monthly	-	upto 5-10%
rejuvenation			6 Monthly	-	10-20 in no.
New water bodies (in numbers) increase			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	392.40	5-7%
			5 Years	-	8-10%
NDVI	Remote Sensing	Expert/ M&E Agency	3 Years	-	Shape File Not available

BENCHMARKING OF IWMP PROJECTS-	Pachon, IWMP-III		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
		M&E Agency	5 Years		Shape File Not available
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	-	30
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 anuum
Participation in exposure visits organised	Survey		Yearly	-	200 farmers per anuum
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	1759.22	1377.00
Double C rop	Survey			991.89	1330.00
Multiple Crop	Survey			0.00	73.00
Cropping Intensity (in %)	Survey			123.25	140.13
B : C Ratio	Survey			1.55 :1	2.43 :1

BENCHMARKING OF IWMP PROJECTS-	Pachon, IWMP-III		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		
Improvement in Productivity Cereals, pulses, oil seeds, Fodder, Cash Crops, Ornamental, vegetables, spices and plantation crops							
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)							
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	WDT/PIA, M & E Agency	Yearly	-	Average one camp/annum		
No. of livestock owners adopting artificial insemination services	Survey		3 Years	-	20-25% due to IWMP		
			5 Years	-	20-25% due to IWMP		

BENCHMARKING OF IWMP PROJECTS-	Pachon, IWMP-III		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
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 5 Years	17200.00	23500.00
Total Average Income for Farmers/Annum	Survey	M & E Agency	3 Years 5 Years	22300.00	31600.00
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 5 Years	- -	Active Participation as planned under DPR 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

BENCHMARKING OF IWMP PROJECTS-	Pachon, IWMP-III		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
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
			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			Pachon, IWMP-III					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			Pachon, IWMP-III	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 Pachon, IWMP-II District: Paras (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	2B3D3a1b	Firozpur	78° 28' 19.06" E	78° 28' 48.72" E	27° 46' 22.66" N	27° 46' 56.61" N	3926	2793	175.00	180.00	5.00	177.73
2	2B3D5e1f	Tatidandia	78° 22' 45.66" E	78° 25' 09.87" E	27° 45' 15.29" N	27° 46' 42.04" N	3176	3677	175.50	184.50	9.00	178.88
3	2B3D5e1g	Mubarikpur Kapsia	78° 25' 48.46" E	78° 29' 04.93" E	27° 43' 53.52" N	27° 45' 37.53" N	4518	1878	172.50	179.50	7.00	176.23
4	2B3D5e2e	Pachon	78° 26' 23.34" E	78° 28' 21.83" E	27° 45' 19.75" N	27° 46' 49.58" N	3047	3853	171.50	181.00	9.50	176.78
5	2B3D5e2f	Dandesri	78° 24' 46.66" E	78° 26' 58.58" E	27° 45' 08.29" N	27° 46' 50.33" N	2146	4385	171.50	181.50	10.00	177.39
6	2B3D5e2g	Tikari Kalan	78° 28' 13.59" E	78° 31' 39.93" E	27° 43' 05.40" N	27° 46' 36.43" N	439	7947	174.00	181.50	7.50	177.71
7	2B3D5e3	Ganthari Shahpur	78° 23' 28.32" E	78° 25' 37.77" E	27° 43' 56.24" N	27° 46' 00.47" N	724	936	173.00	181.00	8.00	176.96
	TOTAL		78° 22' 45.66" E	78° 31' 39.93" E	27° 43' 05.40" N	27° 46' 56.61" N	-	-	171.50	184.50	13.00	177.39

MWS/GP/Village WISE DETAILS OF LAND-GEOGRAPHICAL AND TREATABLE AREA of Project Area-										Pachon, IWMP-III			District:-	Hathras (Mahamaya Nagar)	(Area in ha)	
MWS CODE	VILLAGE NAME	GP NAME	Cultivable Land			Non Cultivable Land								Forest	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			
2B3D5e1f	Bartar Khas	Bartar Khas	43.995	0.987	59.960	0.000	0.523	0.000	0.831	0.000	0.000	0.000	0.000		106.297	
2B3D5e1f	Kapasia	Mubarikpur Kapsia	17.085	0.000	7.687	0.000	0.000	0.000	0.309	0.000	0.000	0.261	0.000		25.342	
2B3D5e1f	Mubarikpur Kapsia	Mubarikpur Kapsia	53.568	1.789	10.108	0.000	0.218	0.000	0.700	0.000	0.482	0.000	0.000		66.865	
2B3D5e1f	Nagla Chhoa	Tatidandia	53.389	9.740	11.025	0.000	0.031	1.294	0.403	0.000	1.157	0.000	0.000		77.040	
2B3D5e1f	Tatidandia	Tatidandia	257.241	32.555	59.023	0.291	0.673	0.460	3.305	0.000	8.246	0.691	0.000		362.486	
2B3D5e1f	Tikari Kalan	Tikari Kalan	69.531	0.000	17.240	0.362	0.000	0.000	1.337	0.000	0.000	0.000	0.000		88.469	
Sub Total :			494.808	45.071	165.044	0.653	1.445	1.755	6.885	0.000	9.885	0.952	0.000		726.500	565.000
2B3D5e1g	Kapasia	Mubarikpur Kapsia	187.068	0.000	12.769	1.994	0.000	5.525	2.371	0.000	4.381	22.840	0.000		236.946	
2B3D5e1g	Mau Chirayal	Mau Chirayal	74.316	0.000	1.825	1.274	0.000	0.000	1.082	0.000	0.832	6.657	0.000		85.986	
2B3D5e1g	Mubarikpur Kapsia	Mubarikpur Kapsia	208.526	0.000	59.245	2.418	0.000	2.044	3.828	0.000	11.499	7.025	0.000		294.584	
2B3D5e1g	Shyampur Manikpur	Shyampur Manikpur	15.938	0.549	0.000	0.654	0.000	0.000	0.186	0.000	0.229	0.029	0.000		17.584	
2B3D5e1g	Tatidandia	Tatidandia	14.535	0.000	1.054	0.286	0.000	0.000	0.119	0.000	0.000	0.000	0.000		15.994	
Sub Total :			500.383	0.549	74.893	6.625	0.000	7.569	7.584	0.000	16.940	36.551	0.000		651.094	460.000
2B3D5e2e	Agsauli	Agsauli	55.372	0.000	1.821	0.552	0.000	0.000	0.631	0.000	2.138	27.100	0.000		87.615	
2B3D5e2e	Bartar Khas	Bartar Khas	78.468	0.000	29.203	0.000	0.000	0.000	0.890	0.000	0.856	0.000	0.000		109.417	
2B3D5e2e	Kheria Tappa Agsauli	Mahmoodpur	35.416	0.000	0.850	0.000	0.000	0.000	0.440	0.000	3.811	52.549	0.000		93.066	
2B3D5e2e	Mahmoodpur	Mahmoodpur	24.958	0.000	0.000	0.000	0.000	0.769	0.606	0.000	3.303	35.426	0.000		65.062	
2B3D5e2e	Nagla Chikana	Pachon	0.305	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.305	
2B3D5e2e	Pachon	Pachon	407.960	0.000	20.777	2.609	0.000	0.395	4.681	0.000	20.216	11.501	0.000		468.139	
2B3D5e2e	Tikari Kalan	Tikari Kalan	22.989	0.000	8.484	0.000	0.000	0.179	0.207	0.000	0.000	0.000	0.000		31.859	
Sub Total :			625.469	0.000	61.136	3.161	0.000	1.343	7.456	0.000	30.323	126.576	0.000		855.464	599.000
2B3D5e2f	Bhatkira	Bhatkara	104.863	0.000	0.000	0.927	0.000	0.000	1.643	0.000	7.149	6.205	0.000		120.787	
2B3D5e2f	Dandesri	Dandesri	97.542	0.000	0.000	1.613	0.000	0.118	0.856	0.000	2.974	55.705	0.000		158.807	
2B3D5e2f	Kheria Tappa Agsauli	Mahmoodpur	0.337	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.021	0.000		0.359	
2B3D5e2f	Nagla Chikana	Pachon	112.588	0.000	0.000	0.000	0.000	0.000	0.615	0.000	1.573	2.294	0.000		117.070	
2B3D5e2f	Pachon	Pachon	108.309	0.000	0.202	0.000	0.000	0.015	1.327	0.000	3.111	15.214	0.000		128.178	
2B3D5e2f	Rampur Tappa Agsauli	Bhatkara	70.234	0.000	0.000	0.000	0.000	0.705	0.654	0.000	4.358	2.926	0.000		78.878	
2B3D5e2f	Tikari Kalan	Tikari Kalan	79.165	0.000	0.352	0.275	0.000	0.632	1.179	0.000	2.423	6.705	0.000		90.731	
Sub Total :			573.039	0.000	0.555	2.814	0.000	1.470	6.274	0.000	21.587	89.070	0.000		694.809	486.000
2B3D5e2g	Dandesri	Dandesri	0.560	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.560	
2B3D5e2g	Kapasia	Mubarikpur Kapsia	154.208	0.000	0.010	2.395	0.000	0.594	1.965	0.000	10.341	16.183	0.000		185.697	
2B3D5e2g	Nagla Chikana	Pachon	13.818	0.000	0.000	0.101	0.000	0.000	0.029	0.000	0.000	0.000	0.000		13.948	
2B3D5e2g	Pachon	Pachon	18.279	0.000	0.274	0.545	0.000	0.000	0.368	0.000	0.000	0.000	0.000		19.465	
2B3D5e2g	Tikari Kalan	Tikari Kalan	392.338	1.954	25.780	4.888	0.000	1.904	5.725	0.000	16.851	14.734	0.000		464.175	
Sub Total :			579.203	1.954	26.064	7.929	0.000	2.498	8.087	0.000	27.192	30.917	0.000		683.845	480.000
2B3D5e3	Bhatkira	Bhatkara	81.460	0.000	0.000	1.460	0.000	0.000	0.469	0.000	0.350	1.339	0.000		85.078	
2B3D5e3	Birawar	Birawar	56.200	0.000	0.000	1.324	0.000	0.000	0.568	0.000	1.694	10.851	0.000		70.636	
2B3D5e3	Firozpur	Pachayata	4.300	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.112	0.000		4.413	

MWS/GP/Village WISE DETAILS OF LAND-GEOGRAPHICAL AND TREATABLE AREA of Project Area-										Pachon, IWMP-III			District:-	Hathras (Mahamaya Nagar)	(Area in ha)	
MWS CODE	VILLAGE NAME	GP NAME	Cultivable Land			Non Cultivable Land								Forest	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			
2B3D5e3	Ganthari Shahpur	Ganthari Shahpur	216.253	0.000	0.000	2.284	0.000	1.241	1.199	0.836	2.531	83.972	0.000		308.316	
2B3D5e3	Kheria Tappa Agsauli	Mahmoodpur	5.876	0.000	0.000	0.318	0.000	0.000	0.061	0.000	0.000	1.003	0.000		7.257	
2B3D5e3	Mahmoodpur	Mahmoodpur	36.255	0.000	0.000	1.288	0.000	0.000	0.352	0.000	0.000	8.426	0.000		46.320	
2B3D5e3	Pachon	Pachon	5.657	0.000	0.000	0.007	0.000	0.000	0.003	0.000	0.000	1.136	0.000		6.803	
Sub Total :			406.000	0.000	0.000	6.680	0.000	1.241	2.650	0.836	4.574	106.840	0.000		528.822	406.000
2B3D3a1b	Bhatkira	Bhatkara	8.275	0.000	0.000	0.169	0.000	0.161	0.093	0.000	0.678	1.072	0.000		10.448	
2B3D3a1b	Firozpur	Pachayata	33.405	0.000	0.000	0.265	0.000	0.000	0.063	0.000	0.000	0.421	0.000		34.155	
Sub Total :			41.680	0.000	0.000	0.434	0.000	0.161	0.157	0.000	0.678	1.493	0.000		44.602	41.000
Total :			3220.582	47.574	327.692	28.297	1.445	16.036	39.093	0.836	111.181	392.399	0.000		4185.136	3037.000

On The basis of Above Table 12 Watershed Committees (WCs) have been formed at GP Level and WC wise Treatable Area in ha Given Below		
Pachon, IWMP-III		District
		Hathras (Mahamaya Nagar)
S.No.	Name of Watershed Committee (WC)	Project Area in ha
1	Agsauli	50
2	Bartar Khas	178
3	Bhatikara	275
4	Birawar	56
5	Dandesri	83
6	Ganthari Shahpur	216
7	Mahmoodpur	96
8	Mau Chirayal	74
9	Mubarikpur Kapsia	568
10	Pachon	593
11	Tatidandia	352
12	Tikari Kalan	496
Total :		3037

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 Climates in the Project Area of,		Pachon, IWMP-III	District:- Hathras (Mahamaya Nagar)		- (Last 05 Years)
S. No.	Name of Climate	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,		Pachon, IWMP-III	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)	2277.75	136.25	8-10
b	Rill (15-20% of Water Erosion)	531.48		
c	Gully Erosion (5-10%)	227.78		
Wind erosion - Nil		N.A.		
Total		3037.00		

MWS Wise Details of Land under Various SLOPE Range of Project Area of					Pachon, IWMP-III	District-	Hathras (Mahamaya Nagar)	
(Area In ha)								
MWS Code	MWS Name	00.00-00.50	00.51- 1.00	01.01-02.00	02.01-03.00	03.01-04.00	Total	
2B3D3a1b	Firozpur	68.65	245.69	380.44	31.73	0.00	726.50	
2B3D5e1f	Tatidandia	95.76	213.48	312.00	27.10	2.75	651.09	
2B3D5e1g	Mubarikpur Kapsia	163.50	310.00	348.45	30.76	2.75	855.46	
2B3D5e2e	Pachon	78.37	200.12	371.92	42.65	1.75	694.81	
2B3D5e2f	Dandesri	106.93	233.85	319.22	21.85	2.00	683.85	
2B3D5e2g	Tikari Kalan	101.85	198.53	210.86	17.58	0.00	528.82	
2B3D5e3	Ganthari Shahpur	8.12	20.05	16.44	0.00	0.00	44.60	
Total		623.17	1421.72		171.67	0.00	4185.14	

MWS Wise Details of Land under Various SLOPE Category of Project Area of					Pachon, IWMP-III	District-	Hathras (Mahamaya Nagar)	
(Area In ha)								
MWS Code	MWS Name	Builtup Land	Waterbody	Nearly Level	Very Gently Sloping	Gently Sloping	Moderately Sloping	Total
2B3D3a1b	Firozpur	13.131	0.595	4.620	13.130	13.126		44.60
2B3D5e1f	Tatidandia	17.723	3.853	50.044	181.062	263.702	210.115	726.50
2B3D5e1g	Mubarikpur Kapsia	61.075	14.194	80.746	173.013	246.624	75.442	651.09
2B3D5e2e	Pachon	164.355	4.504	119.456	226.521	279.492	61.136	855.46
2B3D5e2f	Dandesri	116.931	4.284	66.632	165.626	340.781	0.555	694.81
2B3D5e2g	Tikari Kalan	66.197	10.428	93.892	200.067	285.245	28.018	683.85
2B3D5e3	Ganthari Shahpur	279.833	7.922	53.201	103.243	84.624		528.82
Total		719.25	45.78	468.59	1062.66	1513.59	375.27	4185.14

MWS Wise Details of Land under Various LCC Category of Project Area of					Pachon, IWMP-III	District-	Hathras (Mahamaya Nagar)	
(Area In ha)								
MWS Code	MWS Name	I	II	III	IV	Builtup Area	Water bodies	Total
2B3D3a1b	Firozpur	50.04	181.06	263.70	210.12	17.72	3.85	726.50
2B3D5e1f	Tatidandia	80.75	173.01	246.62	75.44	61.08	14.19	651.09
2B3D5e1g	Mubarikpur Kapsia	119.46	226.52	279.49	61.14	164.35	4.50	855.46
2B3D5e2e	Pachon	66.63	165.63	340.78	0.55	116.93	4.28	694.81
2B3D5e2f	Dandesri	93.89	200.07	285.24	28.02	66.20	10.43	683.85
2B3D5e2g	Tikari Kalan	53.20	103.24	84.62		279.83	7.92	528.82
2B3D5e3	Ganthari Shahpur	4.62	13.13	13.13		13.13	0.60	44.60
Total		468.59	1062.66	1513.59	375.27	719.25	45.78	4185.14

MWS Wise Details of Soil Depth of Project Area of				Pachon, IWMP-III		District-		Hathras (Mahamaya Nagar)
(Area In ha)								
MWS Code	MWS Name	Builtup Land	Waterbody	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)	
2B3D3a1b	Firozpur	13.131	0.595	4.620	13.130	13.126		44.60
2B3D5e1f	Tatidandia	17.723	3.853	50.044	181.062	263.702	210.115	726.50
2B3D5e1g	Mubarikpur Kapsia	61.075	14.194	80.746	173.013	246.624	75.442	651.09
2B3D5e2e	Pachon	164.355	4.504	119.456	226.521	279.492	61.136	855.46
2B3D5e2f	Dandesri	116.931	4.284	66.632	165.626	340.781	0.555	694.81
2B3D5e2g	Tikari Kalan	66.197	10.428	93.892	200.067	285.245	28.018	683.85
2B3D5e3	Ganthari Shahpur	279.833	7.922	53.201	103.243	84.624		528.82
Total		719.25	45.78	468.59	1062.66	1513.59	375.27	4185.14

MWS Wise Details of Soil Fertility of Project Area of				Pachon, IWMP-III		District-		Hathras (Mahamaya Nagar)
(Area In ha)								
MWS Code	MWS Name	Builtup Land	Waterbody	Very High	High	Medium	Medium To low	Total
2B3D3a1b	Firozpur	13.131	0.595	4.620	13.130	13.126		44.60
2B3D5e1f	Tatidandia	17.723	3.853	50.044	181.062	263.702	210.115	726.50
2B3D5e1g	Mubarikpur Kapsia	61.075	14.194	80.746	173.013	246.624	75.442	651.09
2B3D5e2e	Pachon	164.355	4.504	119.456	226.521	279.492	61.136	855.46
2B3D5e2f	Dandesri	116.931	4.284	66.632	165.626	340.781	0.555	694.81
2B3D5e2g	Tikari Kalan	66.197	10.428	93.892	200.067	285.245	28.018	683.85
2B3D5e3	Ganthari Shahpur	279.833	7.922	53.201	103.243	84.624		528.82
Total		719.25	45.78	468.59	1062.66	1513.59	375.27	4185.14

MWS Wise Details of Soil Texture of Project Area of				Pachon, IWMP-III		District-	Hathras (Mahamaya Nagar)	
(Area In ha)								
MWS Code	MWS Name	Builtup Land	Waterbody	Sandy Loam	Loamy Sand	Sandy Clay Loam	Coarse Silty	Total
2B3D3a1b	Firozpur	13.131	0.595	4.620	13.130	13.126		44.60
2B3D5e1f	Tatidandia	17.723	3.853	50.044	181.062	263.702	210.115	726.50
2B3D5e1g	Mubarikpur Kapsia	61.075	14.194	80.746	173.013	246.624	75.442	651.09
2B3D5e2e	Pachon	164.355	4.504	119.456	226.521	279.492	61.136	855.46
2B3D5e2f	Dandesri	116.931	4.284	66.632	165.626	340.781	0.555	694.81
2B3D5e2g	Tikari Kalan	66.197	10.428	93.892	200.067	285.245	28.018	683.85
2B3D5e3	Ganthari Shahpur	279.833	7.922	53.201	103.243	84.624		528.82
Total		719.25	45.78	468.59	1062.66	1513.59	375.27	4185.14

MWS Wise Details of Soil EROSION of Project Area of				Pachon, IWMP-III		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
2B3D3a1b	Firozpur	13.131	0.595	4.620	13.130	13.126		44.60
2B3D5e1f	Tatidandia	17.723	3.853	50.044	181.062	263.702	210.115	726.50
2B3D5e1g	Mubarikpur Kapsia	61.075	14.194	80.746	173.013	246.624	75.442	651.09
2B3D5e2e	Pachon	164.355	4.504	119.456	226.521	279.492	61.136	855.46
2B3D5e2f	Dandesri	116.931	4.284	66.632	165.626	340.781	0.555	694.81
2B3D5e2g	Tikari Kalan	66.197	10.428	93.892	200.067	285.245	28.018	683.85
2B3D5e3	Ganthari Shahpur	279.833	7.922	53.201	103.243	84.624		528.82
Total		719.25	45.78	468.59	1062.66	1513.59	375.27	4185.14

MWS WISE DETAILS OF STREAM ORDER IN THE PROJECT AREA OF			Pachon, IWMP-III	District-	Hathras (Mahamaya Nagar)
S.NO.	MWS CODE	MWS NAME	No of Waterbodies	Stream Length (in m)	
				Length	NO.
1	2B3D3a1b	Firozpur	2	3616.15	3
2	2B3D5e1f	Tatidandia	2	-	-
3	2B3D5e1g	Mubarikpur Kapsia	4	-	-
4	2B3D5e2e	Pachon	6	-	-
5	2B3D5e2f	Dandesri	5	-	-
6	2B3D5e2g	Tikari Kalan	2	-	-
7	2B3D5e3	Ganthari Shahpur	1	-	-
TOTAL			22	3616.15	3

MWS WISE DETAILS OF ROAD LENGTH OF			Pachon, IWMP-III	District-	Hathras (Mahamaya Nagar)
S.NO	M WS CODE	WS NAME	Road Length (in m)		
			Major Roads	Minor Roads	Total
1	2B3D3a1b	Firozpur		47129.03	47129.03
2	2B3D5e1f	Tatidandia		48002.94	48002.94
3	2B3D5e1g	Mubarikpur Kapsia		41040.11	41040.11
4	2B3D5e2e	Pachon	3153.98	29439.89	32593.87
5	2B3D5e2f	Dandesri	4132.85	37797.99	41930.84
6	2B3D5e2g	Tikari Kalan	471.67	16107.70	16579.37
7	2B3D5e3	Ganthari Shahpur		1100.04	1100.04
TOTAL			7758.50	220617.70	228376.20

MWS WISE DETAILS OF WATERBODIES UNDER					Pachon, IWMP-III		District-	Hathras (Mahamaya Nagar)	
S. NO.	ID	CLASS	MWS CODE	No.	VILLAGE NAME	KHASRA NO	Longitude (X)	Latitude (Y)	AREA (ha)
1	2	Lakes/Ponds	2B3D5e1f		Tatidandia	386,385,384	78°24'55.80"	27°45'19.08"	0.46
2	44	Lakes/Ponds	2B3D5e1f		Nagla Chhoa	52,53,22,21,23,20,18, 19,24,10,	78°23'38.04"	27°44'46.68"	1.29
				02					1.75
3	2	Lakes/Ponds	2B3D5e1g		Mubarikpur Kapsia,Kapasias	P,983,980,977,659,68 7,701,702,706,700,70 4,	78°24'06.84"	27°46'03.36"	6.58
4	17	Lakes/Ponds	2B3D5e1g		Mubarikpur Kapsia	777,776,778,779,p,80 5,	78°23'43.80"	27°46'16.32"	0.99
				02					7.57
5	10	Lakes/Ponds	2B3D5e2e		Mahmoodpur	234,240,235,228,233, 244,	78°28'35.76"	27°44'47.04"	0.77
6	22	Lakes/Ponds	2B3D5e2e		Pachon	392,395,380,379,376, 394,395,	78°27'19.44"	27°45'19.44"	0.29
7	24	Lakes/Ponds	2B3D5e2e		Pachon	397,394,395	78°27'18.36"	27°45'16.92"	0.11
8	39	Lakes/Ponds	2B3D5e2e		Tikari Kalan	1921,1922,1923,1924, P,1871,	78°25'56.28"	27°44'57.84"	0.18
				04					1.34
9	21	Lakes/Ponds	2B3D5e2f		Rampur Tappa Agsauli	193,195,190,126,128, 127,	78°27'22.68"	27°46'00.48"	0.61
10	23	Lakes/Ponds	2B3D5e2f		Rampur Tappa Agsauli	110,111,109	78°27'18.36"	27°45'59.40"	0.10
11	26	Lakes/Ponds	2B3D5e2f		Tikari Kalan	594,623,624,595,628, 576	78°26'39.48"	27°46'17.76"	0.44
12	28	Lakes/Ponds	2B3D5e2f		Tikari Kalan	507,506,507	78°26'25.44"	27°46'40.08"	0.19
13	40	Lakes/Ponds	2B3D5e2f		Dandesri_3	967,	78°26'37.32"	27°46'43.32"	0.12
14	60	Lakes/Ponds	2B3D5e2f		Pachon	376,375	78°27'19.08"	27°45'20.52"	0.01
				06					1.47
15	12	Lakes/Ponds	2B3D5e2g		Kapasias	519,518,522	78°25'13.44"	27°46'05.88"	0.59
16	36	Lakes/Ponds	2B3D5e2g		Tikari Kalan	375,374,373	78°25'59.52"	27°46'10.56"	0.25
17	40	Lakes/Ponds	2B3D5e2g		Tikari Kalan	1131,1132,1128,1127, 1129,1126,	78°25'44.40"	27°46'21.36"	0.20
18	42	Lakes/Ponds	2B3D5e2g		Tikari Kalan	1641,1645,1640,1636, 1634,1557,1556,	78°26'21.12"	27°45'37.08"	0.26

MWS WISE DETAILS OF WATERBODIES UNDER					Pachon, IWMP-III		District-	Hathras (Mahamaya Nagar)		
S. NO.	ID	CLASS	MWS CODE	No.	VILLAGE NAME	KHASRA NO	Longitude (X)	Latitude (Y)	AREA (ha)	
19	49	Lakes/Ponds	2B3D5e2g		Tikari Kalan	1191,1190,1185,1411, 1181,1060,1058,1057, 1178,	78°25'48.36"	27°45'54.00"	1.20	
				05					2.50	
20	28	Lakes/Ponds	2B3D5e3		Ganthari Shahpur	695,697	78°30'56.52"	27°43'26.04"	0.14	
21	79	Lakes/Ponds	2B3D5e4		Ganthari Shahpur	21,22,20,16,19	78°30'05.40"	27°44'22.20"	1.10	
				2					1.24	
22	1	Lakes/Ponds	2B3E3a1b		Bhatkira	124,127,130	78°28'21.36"	27°46'38.28"	0.16	
				1					0.16	
Total				22					16.04	

Details of PRA Activities under		Pachon, IWMP-III	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		Pachon, IWMP-III	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				Pachon, IWMP-III	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	150-500 Km.	Unskilled labour	8000-10000/pm
2	Bartar Khas	894	180-210		150-500 Km.	Unskilled labour	8000-10000/pm
3	Bhatkira	852	180-210		150-500 Km.	Unskilled labour	8000-10000/pm
4	Birawar	493	180-210		150-500 Km.	Unskilled labour	8000-10000/pm
5	Dandesri	1141	180-210		150-500 Km.	Unskilled labour	8000-10000/pm
6	Firozpur	122	180-210		150-500 Km.	Unskilled labour	8000-10000/pm
7	Ganthari Shahpur	1119	180-210		150-500 Km.	Unskilled labour	8000-10000/pm
8	Kheria Tappa Agsauli	168	180-210		150-500 Km.	Unskilled labour	8000-10000/pm
9	Mahmoodpur	554	180-210		150-500 Km.	Unskilled labour	8000-10000/pm
10	Mau Chirayal	1288	180-210		150-500 Km.	Unskilled labour	8000-10000/pm
11	Mubarikpur Kapsia	1453	180-210		150-500 Km.	Unskilled labour	8000-10000/pm
12	Nagla Chhoa	42	180-210		150-500 Km.	Unskilled labour	8000-10000/pm
13	Nagla Chikana	67	180-210		150-500 Km.	Unskilled labour	8000-10000/pm
14	Pachon	1380	180-210		150-500 Km.	Unskilled labour	8000-10000/pm
15	Rampur Tappa Agsauli	210	180-210		150-500 Km.	Unskilled labour	8000-10000/pm
16	Shyampur Manikpur	305	180-210		150-500 Km.	Unskilled labour	8000-10000/pm
17	Tatidandia	609	180-210		150-500 Km.	Unskilled labour	8000-10000/pm
18	Tikari Kalan	1161	180-210		150-500 Km.	Unskilled labour	8000-10000/pm
Total		15402	-		-	-	-

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

	Pre Project migration	Post project migration
No.	15402	10781
Days	-	120-150

Infrastructure Facilities

Infrastructure Facilities				
	Pachon, IWMP-III		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	18	Within the village	Running smoothly
	Pre Primary School	1	-	
	Primary School	42	Within the village	Running smoothly
	Middle School	26	Within the village	Running smoothly
	Secondary School	9	Within 12-15 km radius	Running smoothly
	Senior Secondary School	2	Within 18-20 km radius	Government.
	Govt. College	1	-	-
	Vocational Institutions	2	-	-
2	Service Institutions			
	Bank	-	6-8 km radius	Nationalized Bank
	Post office	-	Within 18-20 km radius	Post Office (Rural)
	Primary Health Care Center	2	Within 12-15 km radius	Functional
	Mobile Health Clinic	-	-	-
	Veterinary Center	1	Within 10-12 km radius	Trained Staff Available
	Markets/ Village Haat	10/14	6-8 km radius	Daily/Weekly
3	No. of bore wells	54	Within village	-
	Functional	13		N.A.
	Defunct	41		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

Pachon, IWMP-III			District-	Hathras (Mahamaya Nagar)		
S. No.	VILLAGE NAME	Type of CPR	Area	Under the possession of	Existing use*	Existing condition**
1	Tatidandia	Vegetative cover /Ponds/Pasture	0.46	Gram Panchayat	fuel wood, fodder	no management
2	Nagla Chhoa	Vegetative cover /Ponds/Pasture	1.29	Gram Panchayat	fuel wood, fodder	no management
3	Mubarikpur Kapsia,Kapasia	Vegetative cover /Ponds/Pasture	6.58	Gram Panchayat	fuel wood, fodder	no management
4	Mubarikpur Kapsia	Vegetative cover /Ponds/Pasture	0.99	Gram Panchayat	fuel wood, fodder	no management
5	Mahmoodpur	Vegetative cover /Ponds/Pasture	0.77	Gram Panchayat	fuel wood, fodder	no management
6	Pachon	Vegetative cover /Ponds/Pasture	0.29	Gram Panchayat	fuel wood, fodder	no management
7	Pachon	Vegetative cover /Ponds/Pasture	0.11	Gram Panchayat	fuel wood, fodder	no management
8	Tikari Kalan	Vegetative cover /Ponds/Pasture	0.18	Gram Panchayat	fuel wood, fodder	no management
9	Rampur Tappa Agsauli	Vegetative cover /Ponds/Pasture	0.61	Gram Panchayat	fuel wood, fodder	no management
10	Rampur Tappa Agsauli	Vegetative cover /Ponds/Pasture	0.10	Gram Panchayat	fuel wood, fodder	no management
11	Tikari Kalan	Vegetative cover /Ponds/Pasture	0.44	Gram Panchayat	fuel wood, fodder	no management
12	Tikari Kalan	Vegetative cover /Ponds/Pasture	0.19	Gram Panchayat	fuel wood, fodder	no management
13	Dandesri_3	Vegetative cover /Ponds/Pasture	0.12	Gram Panchayat	fuel wood, fodder	no management
14	Pachon	Vegetative cover /Ponds/Pasture	0.01	Gram Panchayat	fuel wood, fodder	no management
15	Kapasia	Vegetative cover /Ponds/Pasture	0.59	Gram Panchayat	fuel wood, fodder	no management
16	Tikari Kalan	Vegetative cover /Ponds/Pasture	0.25	Gram Panchayat	fuel wood, fodder	no management
17	Tikari Kalan	Vegetative cover /Ponds/Pasture	0.20	Gram Panchayat	fuel wood, fodder	no management
18	Tikari Kalan	Vegetative cover /Ponds/Pasture	0.26	Gram Panchayat	fuel wood, fodder	no management
19	Tikari Kalan	Vegetative cover /Ponds/Pasture	1.20	Gram Panchayat	fuel wood, fodder	no management
20	Ganthari Shahpur	Vegetative cover /Ponds/Pasture	0.14	Gram Panchayat	fuel wood, fodder	no management
21	Ganthari Shahpur	Vegetative cover /Ponds/Pasture	1.10	Gram Panchayat	fuel wood, fodder	no management
22	Bhatkira	Vegetative cover /Ponds/Pasture	0.16	Gram Panchayat	fuel wood, fodder	no management
			16.04			

Fuel & Cooking Pattern in the Project Area					
		Pachon, IWMP-III		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	Bartar Khas	6.00%	55.00%	33.00%	6.00%
3	Bhatikara	7.00%	56.00%	33.00%	4.00%
4	Birawar	5.00%	54.00%	36.00%	5.00%
5	Dandesri	6.00%	55.00%	36.00%	3.00%
6	Ganthari Shahpur	5.00%	57.00%	33.00%	5.00%
7	Mahmoodpur	6.00%	56.00%	35.00%	3.00%
8	Mau Chirayal	6.00%	56.00%	35.00%	3.00%
9	Mubarikpur Kapsia	8.00%	59.00%	28.00%	5.00%
10	Pachon	4.00%	51.00%	39.00%	6.00%
11	Tatidandia	8.00%	56.00%	31.00%	5.00%
12	Tikari Kalan	7.00%	54.00%	33.00%	6.00%

Village Wise Details of Plantation, Afforestation, Horticulture and Fuel & Fodder under Project				
Pachon, IWMP-III		District-	Hathras (Mahamaya Nagar)	
Village	Plantation	Afforestation	Horticulture	Fuel & Fodder
Agsauli	27.10	15.17	9.49	2.43
Bartar Khas	0.00	0.00	0.00	0.00
Bhatkira	8.62	4.78	3.10	0.73
Birawar	10.85	5.99	3.50	1.37
Dandesri	55.71	30.61	20.19	4.91
Firozpur	0.53	0.29	0.19	0.06
Ganthari Shahpur	83.97	45.73	29.36	8.88
Kapsia	39.28	21.30	13.76	4.22
Kheria Tappa Agsauli	53.57	28.92	18.80	5.86
Mahmoodpur	43.85	24.56	15.42	3.88
Mau Chirayal	6.66	3.70	2.34	0.62
Mubarikpur Kapsia	7.02	3.90	2.48	0.65
Nagla Chhoa	0.00	0.00	0.00	0.00
Nagla Chikana	2.29	1.26	0.81	0.22
Pachon	27.85	15.24	9.88	2.74
Rampur Tappa Agsauli	2.93	1.59	1.04	0.29
Shyampur Manikpur	0.03	0.02	0.01	0.00
Tatidandia	0.69	0.37	0.25	0.07
Tikari Kalan	21.44	11.73	7.66	2.05
Total	392.40	215.15	138.27	38.97

Details of existing Farm Machinery/Ag. Equipment under the Project Area											
			Pachon, IWMP-III 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	50	2	0	0	0	1	0	1	0	1
2	Bartar Khas	178	7	2	2	2	0	1	0	2	2
3	Bhatikara	275	11	3	3	3	0	2	0	3	3
4	Birawar	56	2	0	0	0	0	0	0	0	1
5	Dandesri	83	3	1	1	1	0	0	0	1	1
6	Ganthari Shahpur	216	9	3	3	3	0	2	0	3	3
7	Mahmoodpur	96	4	1	1	1	0	1	0	1	1
8	Mau Chirayal	74	3	1	1	1	0	0	0	1	1
9	Mubarikpur Kapsia	568	23	7	7	7	0	5	0	7	7
10	Pachon	593	24	8	8	8	0	6	0	8	7
11	Tatidandia	352	14	4	4	4	0	3	0	4	4
12	Tikari Kalan	496	20	6	6	6	0	5	0	6	6
Total		3037	122	36	36	36	1	25	1	36	37

Status of Existing Source of Irrigation by ha under Area of Pachon, IWMP-III District- athras (Mahamaya Naga)										
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	2B3D3a1b	Firozpur	0.653	2	0.700	0	0.000	0	-1.353	0.000
2	2B3D5e1f	Tatidandia	6.625	2	0.700	1	8.000	8	25.058	40.383
3	2B3D5e1g	Mubarikpur Kapsia	3.161	4	1.400	1	8.000	5	13.908	26.469
4	2B3D5e2e	Pachon	2.814	6	2.100	3	24.000	19	58.124	87.039
5	2B3D5e2f	Dandesri	7.929	5	1.750	3	24.000	22	65.524	99.203
6	2B3D5e2g	Tikari Kalan	0.000	2	0.000	0	0.000	0	0.000	0.000
7	2B3D5e3	Ganthari Shahpur	0.434	1	0.000	0	0.000	0	0.246	0.680
Total			21.617	22	6.650	8	64.000	54	161.507	253.773

Village Wise Human Population of the Project Area of										Pachon, IWMP-III			District-			Hathras (Mahamaya Nagar)									
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	268	15.18	164	9.29
2	Bartar Khas	Bartar Khas	477	2927	1563	1364	521	277	244	276	138	138	0	0	0	1506	971	535	1421	592	829	51	10.69	33	6.92
3	Bhatkira	Bhatikara	485	2955	1601	1354	544	305	239	902	489	413	0	0	0	1585	1007	578	1370	594	776	154	31.75	88	18.14
4	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
5	Dandesri	Dandesri	757	4323	2331	1992	625	324	301	743	379	364	0	0	0	2710	1653	1057	1613	678	935	140	18.49	83	10.96
6	Firozpur	Pachayata	63	384	215	169	51	31	20	45	29	16	0	0	0	265	164	101	119	51	68	8	12.70	5	7.94
7	Ganthari Shahpur	Ganthari Shahpur	538	3179	1663	1516	509	279	230	586	313	273	0	0	0	1798	1113	685	1381	550	831	106	19.70	63	11.71
8	Kheria Tappa Agsauli	Mahmoodpur	99	574	300	274	87	42	45	246	127	119	0	0	0	372	234	138	202	66	136	44	44.44	24	24.24
9	Mahmoodpur	Jamuai	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
10	Mau Chirayal	Mau Chirayal	718	4272	2361	1911	578	328	250	682	383	299	0	0	0	2761	1713	1048	1511	648	863	124	17.27	74	10.31
11	Mubarikpur Kapsia	Mubarikpur Kapsia	831	4995	2634	2361	779	416	363	1122	602	520	0	0	0	3018	1853	1165	1977	781	1196	197	23.71	115	13.84
12	Nagla Chhoa	Tatidandia	39	169	91	78	24	17	7	0	0	0	0	0	0	128	71	57	41	20	21	0	0.00	1	2.56
13	Nagla Chikana	Pachon	42	262	134	128	34	17	17	78	44	34	0	0	0	166	102	64	96	32	64	13	30.95	7	16.67
14	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
15	Rampur Tappa Agsauli	Bhatikara	171	905	471	434	152	80	72	303	171	132	0	0	0	530	322	208	375	149	226	59	34.50	34	19.88
16	Shyampur Manikpur	Shyampur Manikpur	208	1155	615	540	200	114	86	151	81	70	0	0	0	673	399	274	482	216	266	30	14.42	18	8.65
17	Tatidandia	Tatidandia	299	1775	921	854	324	181	143	123	69	54	0	0	0	965	604	361	810	317	493	24	8.03	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:			8416	49410	26376	23034	7930	4261	3669	10165	5417	4748	1	1	0	28549	17831	10718	20861	8545	12316	1848	21.96	1084	12.88

Village Wise Farmer's Category of the Project Area of				Pachon, IWMP-III 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	268	15.18
2	Bartar Khas	Bartar Khas	477	335	79	30	444	33	6.92	51	10.69
3	Bhatkira	Bhatikara	485	306	61	30	397	88	18.14	154	31.75
4	Birawar	Birawar	202	87	18	6	111	91	45.05	166	82.18
5	Dandesri	Dandesri	757	527	112	35	674	83	10.96	140	18.49
6	Firozpur	Pachayata	63	45	9	4	58	5	7.94	8	12.70
7	Ganthari Shahpur	Ganthari Shahpur	538	363	83	29	475	63	11.71	106	19.70
8	Kheria Tappa Agsauli	Mahmoodpur	99	58	13	4	75	24	24.24	44	44.44
9	Mahmoodpur	Mahmoodpur	201	120	31	8	159	42	20.90	75	37.31
10	Mau Chirayal	Mau Chirayal	718	497	93	54	644	74	10.31	124	17.27
11	Mubarikpur Kapsia	Mubarikpur Kapsia	831	541	127	48	716	115	13.84	197	23.71
12	Nagla Chhoa	Tatidandia	39	29	6	3	38	1	2.56	0	0.00
13	Nagla Chikana	Pachon	42	27	6	2	35	7	16.67	13	30.95
14	Pachon	Pachon	750	506	107	34	647	103	13.73	177	23.60
15	Rampur Tappa Agsauli	Bhatikara	171	106	21	10	137	34	19.88	59	34.50
16	Shyampur Manikpur	Shyampur Manikpur	208	145	33	12	190	18	8.65	30	14.42
17	Tatidandia	Tatidandia	299	219	49	14	282	17	5.69	24	8.03
18	Tikari Kalan	Tikari Kalan	770	489	126	33	648	122	15.84	212	27.53
Total			8416	5637	1205	490	7332	1084	12.88	1848	21.96

Village-wise Livelihood Status of Assetless People in the Project Area of								Pachon, IWMP-III	District-	Hathras (Mahamaya Nagar)				
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	16000	Agriculture/Casual Labour, Cattle Rearing, Goat Farming, Poultry, Candle, Vermi Compost, Mini Village Shops, Sewing Machine, Food Preservation	21920	2624000	3594880	
2	Bartar Khas	Bartar Khas	33		11	22	33	20	16500		22605	544500	745965	
3	Bhatkira	Bhatikara	88		30	58	88	54	17500		23975	1540000	2109800	
4	Birawar	Birawar	91		31	60	91	56	17500		23975	1592500	2181725	
5	Dandesri	Dandesri	83		28	55	83	51	18000		24660	1494000	2046780	
6	Firozpur	Pachayata	5		1	4	5	3	16500		22605	82500	113025	
7	Ganthari Shahpur	Ganthari Shahpur	63		21	42	63	39	16500		22605	1039500	1424115	
8	Kheria Tappa Agsauli	Mahmoodpur	24		8	16	24	14	17500		23975	420000	575400	
9	Mahmoodpur	Mahmoodpur	42		14	28	42	26	18000		24660	756000	1035720	
10	Mau Chirayal	Mau Chirayal	74		25	49	74	45	17500		23975	1295000	1774150	
11	Mubarikpur Kapsia	Mubarikpur Kapsia	115		39	76	115	71	18000		24660	2070000	2835900	
12	Nagla Chhoa	Tatidandia	1		0	1	1	0	16500		22605	16500	22605	
13	Nagla Chikana	Pachon	7		2	5	7	4	18000		24660	126000	172620	
14	Pachon	Pachon	103		35	68	103	63	18000		24660	1854000	2539980	
15	Rampur Tappa Agsauli	Bhatikara	34		11	23	34	21	16000		21920	544000	745280	
16	Shyampur Manikpur	Shyampur Manikpur	18		6	12	18	11	17500		23975	315000	431550	
17	Tatidandia	Tatidandia	17		5	12	17	10	18000		24660	306000	419220	
18	Tikari Kalan	Tikari Kalan	122		42	80	122	75	16500		22605	2013000	2757810	
Total			1084		365	719	1084	664			18632500	25526525		
Pre Project Average Income/HH/Annum			17200											
Post Project Average Income			23500											

Net Increase in Income 6894025

Village-wise Livelihood Status of Farmers People in the Project Area of Pachon, IWMP-III 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	33370	37647000	53458740	
2	Bartar Khas	Bartar Khas	444		74	370	444	29	20500		29110	9102000	12924840	
3	Bhatkira	Bhatikara	397		66	331	397	26	20500		29110	8138500	11556670	
4	Birawar	Birawar	111		18	93	111	7	21500		30530	2386500	3388830	
5	Dandesri	Dandesri	674		113	561	674	44	21000		29820	14154000	20098680	
6	Firozpur	Pachayata	58		9	49	58	3	23000		32660	1334000	1894280	
7	Ganthari Shahpu	Ganthari Shahpu	475		79	396	475	31	21500		30530	10212500	14501750	
8	Kheria Tappa Ag	Mahmoodpur	75		12	63	75	4	21500		30530	1612500	2289750	
9	Mahmoodpur	Mahmoodpur	159		26	133	159	10	21500		30530	3418500	4854270	
10	Mau Chirayal	Mau Chirayal	644		108	536	644	42	23500		33370	15134000	21490280	
11	Mubarikpur Kap	Mubarikpur Kaps	716		120	596	716	46	21500		30530	15394000	21859480	
12	Nagla Chhoa	Tatidandia	38		6	32	38	2	22500		31950	855000	1214100	
13	Nagla Chikana	Pachon	35		5	30	35	2	22500		31950	787500	1118250	
14	Pachon	Pachon	647		108	539	647	42	24000		34080	15528000	22049760	
15	Rampur Tappa A	Bhatikara	137		23	114	137	8	23500		33370	3219500	4571690	
16	Shyampur Mani	Shyampur Manik	190		31	159	190	12	23500		33370	4465000	6340300	
17	Tatidandia	Tatidandia	282		47	235	282	18	23500		33370	6627000	9410340	
18	Tikari Kalan	Tikari Kalan	648		108	540	648	42	20500		29110	13284000	18863280	
Total			7332		1222	6110	7332	472			163299500	231885290		
Pre Project Average Income/HH/Annum			22300											
Post Project Average Income			31600											
				Net Increase in Income	68585790									

Details of Livelihood Pattern of the project Area of				Pachon, IWMP-III		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	Bartar Khas	894	314	107	197	161	53	8	54
3	Bhatkira	852	296	98	188	150	47	4	69
4	Birawar	493	173	58	109	88	29	4	32
5	Dandesri	1141	400	137	251	206	68	11	68
6	Firozpur	122	42	14	26	21	7	1	11
7	Ganthari Shahpur	1119	393	135	246	201	66	10	68
8	Kheria Tappa Agsauli	168	59	20	37	30	10	1	11
9	Mahmoodpur	554	195	66	122	99	32	5	35
10	Mau Chirayal	1288	454	154	284	233	75	12	76
11	Mubarikpur Kapsia	1453	512	170	320	263	85	14	89
12	Nagla Chhoa	42	14	5	9	7	2	0	5
13	Nagla Chikana	67	23	8	14	12	3	0	7
14	Pachon	1380	483	165	300	247	82	11	92
15	Rampur Tappa Agsauli	210	73	25	45	37	12	1	17
16	Shyampur Manikpur	305	107	35	67	53	16	1	26
17	Tatidandia	609	213	73	134	110	36	5	38
18	Tikari Kalan	1161	408	138	255	209	69	10	72
Total		15402	5402	1828	3383	2764	902	128	995

Details Of Projected Productivity of Livestock Population in Post Project Period of											Pachon, IWMP-III				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	422	1.2	69	2.25	619	2.5	33	3.5	49	307	8-10	101	12-15	184	1-1.5	56	120		
2	Bartar Khas	Bartar Khas	117	1.2	20	2.25	170	2.5	13	3.5	15	88	8-10	19	12-15	53	1-1.5	18	120		
3	Bhatkira	Bhatikara	119	1.2	21	2.25	173	2.5	13	3.5	15	89	8-10	63	12-15	54	1-1.5	18	120		
4	Birawar	Birawar	52	1.2	10	2.25	74	2.5	9	3.5	8	41	8-10	62	12-15	25	1-1.5	10	120		
5	Dandesri	Dandesri	183	1.2	31	2.25	268	2.5	17	3.5	22	135	8-10	52	12-15	81	1-1.5	26	120		
6	Firozpur	Pachayata	19	1.2	5	2.25	25	2.5	6	3.5	4	17	8-10	0	0	11	1-1.5	5	120		
7	Ganthari Shahpur	Ganthari Shahpur	132	1.2	23	2.25	191	2.5	14	3.5	17	98	8-10	41	12-15	59	1-1.5	20	120		
8	Kheria Tappa Agsauli	Mahmoodpur	28	1.2	6	2.25	38	2.5	7	3.5	5	23	8-10	17	12-15	15	1-1.5	6	120		
9	Mahmoodpur	Mahmoodpur	52	1.2	10	2.25	74	2.5	9	3.5	8	41	8-10	28	12-15	25	1-1.5	10	120		
10	Mau Chirayal	Mau Chirayal	174	1.2	29	2.25	254	2.5	17	3.5	21	129	8-10	48	12-15	77	1-1.5	25	120		
11	Mubarikpur Kapsia	Mubarikpur Kapsia	201	1.2	34	2.25	293	2.5	19	3.5	24	148	8-10	79	12-15	89	1-1.5	28	120		
12	Nagla Chhoa	Tatidandia	14	1.2	4	2.25	17	2.5	6	3.5	4	13	8-10	0	0	8	1-1.5	5	120		
13	Nagla Chikana	Pachon	14	1.2	4	2.25	18	2.5	6	3.5	4	14	8-10	0	0	9	1-1.5	5	120		
14	Pachon	Pachon	182	1.2	31	2.25	265	2.5	17	3.5	22	134	8-10	70	12-15	81	1-1.5	26	120		
15	Rampur Tappa Agsauli	Bhatikara	45	1.2	9	2.25	63	2.5	8	3.5	7	36	8-10	21	12-15	22	1-1.5	9	120		
16	Shyampur Manikpur	Shyampur Manikpur	54	1.2	10	2.25	76	2.5	9	3.5	8	42	8-10	11	12-15	26	1-1.5	10	120		
17	Tatidandia	Tatidandia	75	1.2	14	2.25	108	2.5	10	3.5	10	57	8-10	0	0	35	1-1.5	12	120		
18	Tikari Kalan	Tikari Kalan	186	1.2	31	2.25	272	2.5	18	3.5	23	137	8-10	84	12-15	83	1-1.5	27	120		
Total			2069	1.2	361	2.25	2998	2.25	231	3.35	266	1549	9	696	13.5	937	1.25	316	120		

Details Of Projected Productivity of Livestock Population in Post Project Period of											Pachon, IWMP-III				District-		Hathras (Mahamaya Nagar)				Other
S. No.	Name of Village	Name of Gram Panchayat	Cow				Buffalo				Ox/ Bull	Goat		Pig		Poultry					
			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	630	1.5	102	3	899	3	50	4	70	1176	11-13	225	15-18	981	1-1.5	285	180		
2	Bartar Khas	Bartar Khas	176	1.5	31	3	248	3	21	4	23	336	11-13	42	15-18	282	1-1.5	90	180		
3	Bhatkira	Bhatikara	179	1.5	32	3	252	3	21	4	23	339	11-13	141	15-18	288	1-1.5	90	180		
4	Birawar	Birawar	79	1.5	16	3	109	3	15	4	13	156	11-13	138	15-18	132	1-1.5	51	180		
5	Dandesri	Dandesri	274	1.5	46	3	390	3	27	4	32	516	11-13	117	15-18	432	1-1.5	132	180		
6	Firozpur	Pachayata	30	1.5	9	3	38	3	10	4	7	63	11-13	0	0	57	1-1.5	24	180		
7	Ganthari Shahpur	Ganthari Shahpur	198	1.5	35	3	278	3	22	4	25	375	11-13	90	15-18	315	1-1.5	102	180		
8	Kheria Tappa Agsauli	Mahmoodpur	43	1.5	10	3	57	3	12	4	9	87	11-13	36	15-18	78	1-1.5	30	180		
9	Mahmoodpur	Mahmoodpur	79	1.5	16	3	109	3	15	4	13	156	11-13	63	15-18	132	1-1.5	51	180		
10	Mau Chirayal	Mau Chirayal	261	1.5	44	3	370	3	27	4	31	495	11-13	108	15-18	411	1-1.5	126	180		
11	Mubarikpur Kapsia	Mubarikpur Kapsia	301	1.5	51	3	426	3	30	4	35	567	11-13	177	15-18	474	1-1.5	141	180		
12	Nagla Chhoa	Tatidandia	22	1.5	7	3	26	3	10	4	7	48	11-13	0	0	42	1-1.5	24	180		
13	Nagla Chikana	Pachon	22	1.5	7	3	28	3	10	4	7	51	11-13	0	0	48	1-1.5	24	180		
14	Pachon	Pachon	273	1.5	46	3	386	3	27	4	32	513	11-13	156	15-18	432	1-1.5	132	180		
15	Rampur Tappa Agsauli	Bhatikara	69	1.5	15	3	93	3	13	4	11	138	11-13	45	15-18	117	1-1.5	45	180		
16	Shyampur Manikpur	Shyampur Manikpur	82	1.5	16	3	112	3	15	4	13	159	11-13	24	15-18	138	1-1.5	51	180		
17	Tatidandia	Tatidandia	113	1.5	22	3	158	3	16	4	16	216	11-13	0	0	186	1-1.5	60	180		
18	Tikari Kalan	Tikari Kalan	279	1.5	46	3	396	3	28	4	34	525	11-13	189	15-18	441	1-1.5	135	180		
Total			3110	1.5	551	3	4375	3	369	4	401	5916	12.00	1551	16.5	4986	1.25	1593	180		

Pre and Post Income Status from Livestock under The Project Area of				Pachon, IWMP-III		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	2430	3295	22	72490	3661	6318	27	170586
Buffalo	3229	7519	22	165418	4744	14601	27	394227
Animal for Other Purpose								
Goat (Meat)	1549	13941	220	3067020	5916	70992	240	17038080
Pig (Meat)	696	9396	55	516780	1551	25591.5	60	1535490
Broiler (Meat)	937	1171	70	81970	4986	6233	85	529805
Eggs	316	37920	3	113760	1593	286740	4	1146960
TOTAL Income:				4017438				20815148
		Pre Project		Post Project		Total Human Population		102438
Total Meat Production/Year		24508		102816.5		Assuming 10% increase		10243
Total Milk Production/day		10814		20919		Population in Post project		112681
Milk Production/head/day		0.105		0.185				
Average Production Cost 70%		11758397						
Net Profit 30%		5039313		Net Increase in Income		16797710		

Livestock population and Requirement of fodder in Project Area of Pachon, IWMP-III District- athras (Mahamaya Naga)												
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	266	300	79800	1995.00	1330.00	887.00	986.00	443.00	1772.00	665.00	1007.00
2	Buffaloes	3229	400	1291600	32290.00	21527.00	14351.00	15946.00	7176.00	28704.00	10763.00	16297.00
3	Indiginous Cow	2069	300	620700	15518.00	10345.00	6897.00	7663.00	3448.00	13792.00	5173.00	7831.00
4	Cross Breed Cows	361	350	126350	3159.00	2106.00	1404.00	1560.00	702.00	2808.00	1053.00	1594.00
5	Goat	1549	10	15490	387.00	258.00	172.00	191.00	86.00	344.00	129.00	195.00
Total :								26346.00		47420.00	17783.00	26924.00
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				Pachon, IWMP-III 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
26924.00	5991.00	7875.00	3667.00	9616.00	17308.00	6491.00	3625.00	9433.00	2824.00	15882.00
in % --->	62.30	45.50	56.49				37.70	54.50	43.51	

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
			6894025		68585790		16797710		92277525
1	1	0	0		0		0		0
2	2	0	0		0		0		0
3	3	12	827283		8230295		2015725		11073303
4	4	16	1103044		10973726		2687634		14764404
5	5	20	1378805		13717158		3359542		18455505
6	6	24	1654566		16460590		4031450		22146606
7	7	28	1930327		19204021		4703359		25837707
	Total	100	6894025		68585790		16797710		92277525

Problem Thrust Area of Livestock Production in the Project Area of		Pachon, IWMP-III	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. Engg.	37	B.S.A.		-
2	Mr. Anuj Kumar	Intermediate, Diploma in Ag. Engg.	1	J. E.	9675658822	-
3	Mr. Ravindra Prasad Gautam	B. A., Diploma	37	Draftsman	7078992301	-
4	Mr. Dharamveer Prajapati	Intermediate, Diploma in Ag. Engg.	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. Lakhan 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 Pachon, IWMP-III District- is (Mahamaya)																										
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	2	6	2	0	1	11	2	8	0	10	0	0	4	3	2	0	9	1	10	2	1	2	7
2	Bartar Khas	Smt. Malti Devi	Shri. Suseel Kumar	1	5	3	1	1	11	2	6	2	10	2	4	1	3	0	0	10	0	10	4	1	3	6
3	Bhatikara	Shri. Malkhan Singh	Shri. Veeresh Kumar	2	5	3	0	1	11	5	5	0	10	1	1	3	3	1	0	9	1	10	2	1	2	7
4	Birawar	Smt. Suneta Devi	Shri. Suresh Singh	1	4	4	1	1	11	2	5	3	10	3	2	2	2	0	0	9	1	10	2	1	2	7
5	Dandesri	Smt. Uma Devi	Shri. Nathu Singh	1	2	7	0	1	11	2	6	2	10	0	0	0	2	5	0	7	3	10	2	1	2	7
6	Ganthari Shahpur	Shri. Sanjay Kumar	Shri. Suresh Singh	1	4	4	1	1	11	2	1	7	10	1	1	2	2	2	0	8	2	10	2	1	2	7
7	Mahmoodpur	Shri. Anokhey Lal	Shri. Jayveer Singh	3	4	3	0	1	11	4	5	1	10	1	1	4	1	1	0	8	2	10	2	1	2	7
8	Mau Chirayal	Smt. Radha Devi	Shri. Sanjay Pratap	1	1	7	1	1	11	1	1	8	10	1	3	4	2	0	0	10	0	10	2	1	2	7
9	Mubarikpur Kapsia	Shri. Devender Pratap	Shri. Sanjay Pratap	2	3	5	0	1	11	3	3	4	10	3	3	2	2	0	0	10	0	10	2	1	2	7
10	Pachon	Shri. Devender Kumar	Shri. Anil Kumar	3	3	4	0	1	11	2	7	1	10	0	2	5	1	1	0	9	1	10	2	1	2	7
11	Tatidandia	Shri. Devender kumar	Shri. Ashok Kumar	1	3	6	0	1	11	2	2	6	10	4	1	1	4	0	0	10	0	10	2	1	5	4
12	Tikari Kalan	Smt. Geeta Devi	Shri. Surjeet Kumar	1	3	4	2	1	11	2	4	4	10	5	3	0	0	2	0	10	0	10	2	1	2	7
TOTAL :				19	43	52	6	12	132	29	53	38	120	21	21	28	25	14	0	109	11	120	26	12	28	80

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	District- Pachon, IWMP-III				Hathras (Mahamaya Nagar)		Total No. of UGs	Number of UGs Members
		Total No. of SHGs				Number of SHGs Members			
		With only Men	With only Women	With Both	Total				
1	Agsauli	0	2	2	4	40	0	0	
2	Bartar Khas	1	4	2	7	70	4	20	
3	Bhatikara	2	6	2	10	100	4	20	
4	Birawar	0	2	2	4	40	0	0	
5	Dandesri	0	2	2	4	40	3	15	
6	Ganthari Shahpur	1	4	2	7	70	4	20	
7	Mahmoodpur	0	2	2	4	40	4	20	
8	Mau Chirayal	0	2	2	4	40	0	0	
9	Mubarikpur Kapsia	3	10	5	18	180	10	50	
10	Pachon	3	10	5	18	180	10	50	
11	Tatidandia	2	7	3	12	120	7	35	
12	Tikari Kalan	3	9	3	15	150	7	35	
TOTAL :		15	60	32	107	1070	53	265	

* 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%	page-64	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	0.100	1.620	
	WCDC	0	0.500	0	0	0.900	0	0	0	0	0	0.100	1.510	
	PIA	5.000	0.290	0	4.000	3.800	1.000	0	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	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													Pachon, IWMP-III	District- athras (Mahamaya Naga
परियोजना	Pachon, IWMP-III		District- as (Mahamaya I नियोजित क्षेत्रों में					Sanctioned Amount Rs. In Lacs					3037.00	364.44
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% (Preparatoy Phase 20%)	Ist Year प्रथम वर्ष 6%	SLNA					0.547						0.547	
		WCDC					0.547						0.547	
		PIA	0.911			14.578	0.729	3.644					19.862	
		WC	0.911										0.911	
		TOTAL	1.822	0	0	14.578	1.822	3.644	0	0	0	0	0	21.866
प्रारम्भिक चरण 20% (Preparatoy Phase 20%)	IInd Year द्वितीय वर्ष 14%	SLNA		0.182	1.093		0.182						1.458	
		WCDC		0.364			1.276						1.640	
		PIA	2.733	0.182			7.653						10.569	
		WC	2.733						3.644	3.644	27.333		37.355	
		TOTAL	5.467	0.729	1.093	0.000	9.111	0	3.644	3.644	27.333	0	0	51.022
वाटरशेड कार्य चरण 50% (Work Phase 50%)	IIIrd Year तृतीय वर्ष 25%	SLNA		0.146	0.638		0.182						0.966	
		WCDC		0.364			0.456						0.820	
		PIA	4.920	0.219			2.096						7.234	
		WC	4.920						9.111	9.111	58.948		82.090	
		TOTAL	9.840	0.729	0.638	0.000	2.733	0	9.111	9.111	58.948	0	0	91.110
	IVth Year चतुर्थ वर्ष 25%	SLNA		0.146	0.638		0.182							0.966
		WCDC		0.364			0.456							0.820
		PIA	4.920	0.219			2.096							7.234
		WC	4.920						9.111	9.111	58.948		82.090	
		TOTAL	9.840	0.729	0.638	0.000	2.733	0	9.111	9.111	58.948	0	0	91.110
समेकन चरण 30% (Consolidation Phase 30%)	Vth Year पंचम वर्ष 30%	SLNA		0.292	1.276							0.364	1.932	
		WCDC		0.729			0.547					0.364	1.640	
		PIA	4.738	0.437			1.276					0.729	7.179	
		WC	4.738						10.933	14.578	58.857	9.475	98.581	
		TOTAL	9.475	1.458	1.276	0.000	1.822	0.000	10.933	14.578	58.857	10.933	109.332	
योग (100%)		SLNA	0	0.765	3.644	0	1.093	0	0	0	0	0.364	5.867	
		WCDC	0	1.822	0	0	3.280	0	0	0	0	0.364	5.467	
		PIA	18.222	1.057	0	14.578	13.849	3.644	0	0	0	0.729	52.078	
		WC	18.222	0	0	0	0	0	32.800	36.444	204.086	9.475	301.027	
		TOTAL	36.444	3.644	3.644	14.578	18.222	3.644	32.800	36.444	204.086	10.933	364.440	

Availability of Fund At Micro Watershed Level Under The Project of-								Pachon, IWMP-III			District-		Hathras (Mahamaya Nagar)		
Planned Area in ha :								3037.00			(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	2B3D3a1b	Firozpur	44.61	42	0.2016	0.05	0.252	0.0504	0.0504	0.504	0.4536	0.504	2.8224	0.1512	5.04
2	2B3D5e1f	Tatidandia	726.51	565	2.712	0.678	3.39	0.678	0.678	6.78	6.102	6.78	37.968	2.034	67.80
3	2B3D5e1g	Mubarikpur Kapsia	651.09	460	2.208	0.552	2.76	0.552	0.552	5.52	4.968	5.52	30.912	1.656	55.20
4	2B3D5e2e	Pachon	855.46	599	2.8752	0.719	3.594	0.7188	0.7188	7.188	6.4692	7.188	40.2528	2.1564	71.88
5	2B3D5e2f	Dandesri	694.82	486	2.3328	0.583	2.916	0.5832	0.5832	5.832	5.2488	5.832	32.6592	1.7496	58.32
6	2B3D5e2g	Tikari Kalan	683.86	479	2.2992	0.575	2.874	0.5748	0.5748	5.748	5.1732	5.748	32.1888	1.7244	57.48
7	2B3D5e3	Ganthari Shahpur	528.83	406	1.9488	0.487	2.436	0.4872	0.4872	4.872	4.3848	4.872	27.2832	1.4616	48.72
TOTAL :			4185.18	3037	14.58	3.64	18.22	3.64	3.64	36.44	32.80	36.44	204.09	10.93	364.44

YEARWISE FINANCIAL BREAKUP (in%) OF VARIOUS COMPONENT UNDER								Pachon, IWMP-III		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%	Monitoring 1%	Evaluation 1%	Consolidation 3%	Total 100%
										Amount in %			
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								Pachon, IWMP-III		District-	Hathras (Mahamaya Nagar)		
						Area in ha		3037.00		Amount in Lakhs			364.44
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	1.8222	14.5776	1.8222	3.6444	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	21.87
		IIInd Year	5.4666	0.0000	9.1110	0.0000	27.3330	3.6444	3.6444	0.7289	1.0933	0.0000	51.02
2	II nd Phase	IIIrd Year	9.8399	0.0000	2.7333	0.0000	58.9482	9.1110	9.1110	0.7289	0.6378	0.0000	91.11
		IVth Year	9.8399	0.0000	2.7333	0.0000	58.9482	9.1110	9.1110	0.7289	0.6378	0.0000	91.11
3	III rd Phase	Vth Year	9.4754	0.0000	1.8222	0.0000	58.8571	10.9332	14.5776	1.4578	1.2755	10.9332	109.33
	TOTAL :		36.44	14.58	18.22	3.64	204.09	32.80	36.44	3.64	3.64	10.93	364.44

% of Budget for Various Components Under			Pachon, IWMP-III		District-	Hathras (Mahamaya Nagar)
			Area in ha :	3037.00	Amount in Lacs :	364.44
S. No.	Budget Component	%	Total Amount (in Rs.)		Total Amount (In Lacs)	
A.	Management Cost					
	1. Administrative	10	3644400.00		36.44	
	2. Monitoring	1	364440.00		3.64	
	3. Evaluation	1	364440.00		3.64	
	SUB TOTAL :	12	4373280.00		43.73	
B.	Preparatory Phase					
	1. Entry Point Activities	4	1457760.00		14.58	
	2. Institution & Capacity Building	5	1822200.00		18.22	
	3. Detailed Project Report (DPR)	1	364440.00		3.64	
	SUB TOTAL :	10	3644400.00		36.44	
C.	Watershed Work Phase					
	1. Livelihood Activities for the Asset less Person	9	3279960.00		32.80	
	2. Production System and Micro-enterprises	10	3644400.00		36.44	
	3. Watershed Development Works	56	20408640.00		204.09	
	SUB TOTAL :	75	27333000.00		273.33	
D.	Consolidation Phase					
	Grand Total :	100	36444000.00		364.44	

WC wise Yearly availability of Fund Under Various Components of IWMP (Amount in Lacs)												Pachon, IWMP-III		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	50	0.060	0.060	0.450	0.150	0.150	0.971	0.150	0.150	0.971	0.180	0.240	0.969	0.156	0.540	0.600	3.360	0.156	4.656
2	Bartar Khas	178	0.214	0.214	1.602	0.534	0.534	3.455	0.534	0.534	3.455	0.641	0.854	3.450	0.555	1.922	2.136	11.962	0.555	16.575
3	Bhatikara	275	0.330	0.330	2.475	0.825	0.825	5.338	0.825	0.825	5.338	0.990	1.320	5.330	0.858	2.970	3.300	18.480	0.858	25.608
4	Birawar	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
5	Dandesri	83	0.100	0.100	0.747	0.249	0.249	1.611	0.249	0.249	1.611	0.299	0.398	1.609	0.259	0.896	0.996	5.578	0.259	7.729
6	Ganthari Shahpur	216	0.259	0.259	1.944	0.648	0.648	4.193	0.648	0.648	4.193	0.778	1.037	4.186	0.674	2.333	2.592	14.515	0.674	20.114
7	Mahmoodpur	96	0.115	0.115	0.864	0.288	0.288	1.863	0.288	0.288	1.863	0.346	0.461	1.860	0.300	1.037	1.152	6.451	0.300	8.940
8	Mau Chirayal	74	0.089	0.089	0.666	0.222	0.222	1.436	0.222	0.222	1.436	0.266	0.355	1.434	0.231	0.799	0.888	4.973	0.231	6.891
9	Mubarikpur Kapsia	568	0.682	0.682	5.112	1.704	1.704	11.025	1.704	1.704	11.025	2.045	2.726	11.008	1.772	6.134	6.816	38.170	1.772	52.892
10	Pachon	593	0.712	0.712	5.337	1.779	1.779	11.510	1.779	1.779	11.510	2.135	2.846	11.492	1.850	6.404	7.116	39.850	1.850	55.220
11	Tatidandia	352	0.422	0.422	3.168	1.056	1.056	6.832	1.056	1.056	6.832	1.267	1.690	6.822	1.098	3.802	4.224	23.654	1.098	32.778
12	Tikari Kalan	496	0.595	0.595	4.464	1.488	1.488	9.627	1.488	1.488	9.627	1.786	2.381	9.612	1.548	5.357	5.952	33.331	1.548	46.188
TOTAL :		3037	3.64	3.64	27.33	9.11	9.11	58.95	9.11	9.11	58.95	10.93	14.58	58.86	9.48	32.80	36.44	204.09	9.48	282.81

Availability of Fund At Watershed Committee (WC) Level Formed At GP Level Under The Project of							
Pachon, IWMP-III		District-	Hathras (Mahamaya Nagar)	Treatable Area :	3037.00	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	50	0.5400	0.6000	3.3600	0.1560	4.6560
2	Bartar Khas	178	1.9224	2.1360	11.9616	0.5554	16.5754
3	Bhatikara	275	2.9700	3.3000	18.4800	0.8580	25.6080
4	Birawar	56	0.6048	0.6720	3.7632	0.1747	5.2147
5	Dandesri	83	0.8964	0.9960	5.5776	0.2590	7.7290
6	Ganthari Shahpur	216	2.3328	2.5920	14.5152	0.6739	20.1139
7	Mahmoodpur	96	1.0368	1.1520	6.4512	0.2995	8.9395
8	Mau Chirayal	74	0.7992	0.8880	4.9728	0.2309	6.8909
9	Mubarikpur Kapsia	568	6.1344	6.8160	38.1696	1.7722	52.8922
10	Pachon	593	6.4044	7.1160	39.8496	1.8502	55.2202
11	Tatidandia	352	3.8016	4.2240	23.6544	1.0982	32.7782
12	Tikari Kalan	496	5.3568	5.9520	33.3312	1.5475	46.1875
TOTAL :		3037	32.7996	36.444	204.0864	9.47544	282.80544

Details of EPA Activities Executed under Project Area						Pachon, IWMP-III		District-	Hathras (Mahamaya 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	11.000	12.000
1	2B3D3a1b	Firozpur	44.61	42.00	0.20	Firozpur	Solar Light	1	1	0.225	
									Sub Total :	0.225	-0.024
2	2B3D5e1f	Tatidandia	726.51	565.00	2.71	Tati Dandiya	Solar Light	8		1.802	
						Nagla Chauwa	Solar Light	1		0.225	
						Tikri Khurd	Solar Light	1		0.225	
									Sub Total :	2.252	0.460
3	2B3D5e1g	Mubarikpur Kapsia	651.09	460.00	2.21	Kapasiya	Solar Light	9		2.056	
						Mubarkpur	Solar Light	1		0.225	
						Mau Chirayal	Solar Light	2		0.450	
									Sub Total :	2.732	-0.524
4	2B3D5e2e	Pachon	855.46	599.00	2.8752	Bartarkhas	Solar Light	2		0.450	
						Jamalpur	Solar Light	2		0.450	
						Pachaon	Solar Light	6		1.351	
									Sub Total :	2.252	0.623
5	2B3D5e2f	Dandesri	695	486	2.3328	Bhatikara	Solar Light	3		0.676	
						Raipur Tappa Agsauli	Solar Light	1		0.225	
						Nagla Chikna	Solar Light	2		0.450	
						Garhi Hirasingh	Solar Light	1		0.225	
						Dandesari	Solar Light	5		1.169	
									Sub Total :	2.746	-0.413
6	2B3D5e2g	Tikari Kalan	684	479	2.2992	Ktikri Kalan	Solar Light	6		1.351	
						Nagla Banjara	Solar Light	1		0.225	
						Panchgawan	Solar Light	1		0.225	
						Mubarkpur Kapasiya	Solar Light	1		0.225	
						Pachaon	Solar Light	1		0.225	
									Sub Total :	2.252	0.047

Details of EPA Activities Executed under Project Area						Pachon, IWMP-III		District-	Hathras (Mahamaya 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	11.000	12.000
7	2B3D5e3	Ganthari Shahpur	529	406	1.9488	Khediya Tappa Agsauli	Solar Light	1		0.225	
						Mahmoodpur	Solar Light	1		0.225	
						Julapur	Solar Light	2		0.450	
						Naya Nagla	Solar Light	1		0.225	
						Ganthari Shahpur	Solar Light	4		0.901	
									Sub Total :	2.027	-0.078
TOTAL :			4185.180	3037.000	14.578					14.486	0.092

Microwatershed-wise Financial Break-up of Institutional & Capacity Building Programme (Year-wise)																				Pachon, IWMP-III			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	2B3D3a1b	Firozpur	42	0.0076	0.0076	0.0101	0	0.025	0.00	0.02	0.11	0.00	0.13	0.00	0.01	0.03	0.00	0.04	0.00	0.01	0.03	0.00	0.04	0.00	0.01	0.02	0.00	0.03	0.02	0.05	0.19	0.00	0.25
2	2B3D5e1f	Tatidandia	565	0.1017	0.1017	0.1356	0	0.339	0.03	0.24	1.42	0.00	1.70	0.03	0.08	0.39	0.00	0.51	0.03	0.08	0.39	0.00	0.51	0.00	0.10	0.24	0.00	0.34	0.20	0.61	2.58	0.00	3.39
3	2B3D5e1g	Mubarikpur Kapsia	460	0.0828	0.0828	0.1104	0	0.276	0.03	0.19	1.16	0.00	1.38	0.03	0.07	0.32	0.00	0.41	0.03	0.07	0.32	0.00	0.41	0.00	0.08	0.19	0.00	0.28	0.17	0.50	2.10	0.00	2.76
4	2B3D5e2e	Pachon	599	0.1078	0.1078	0.1438	0	0.359	0.04	0.25	1.51	0.00	1.80	0.04	0.09	0.41	0.00	0.54	0.04	0.09	0.41	0.00	0.54	0.00	0.11	0.25	0.00	0.36	0.22	0.65	2.73	0.00	3.59
5	2B3D5e2f	Dandesri	486	0.0875	0.0875	0.1166	0	0.292	0.03	0.20	1.22	0.00	1.46	0.03	0.07	0.34	0.00	0.44	0.03	0.07	0.34	0.00	0.44	0.00	0.09	0.20	0.00	0.29	0.17	0.52	2.22	0.00	2.92
6	2B3D5e2g	Tikari Kalan	479	0.0862	0.0862	0.115	0	0.287	0.03	0.20	1.21	0.00	1.44	0.03	0.07	0.33	0.00	0.43	0.03	0.07	0.33	0.00	0.43	0.00	0.09	0.20	0.00	0.29	0.17	0.52	2.18	0.00	2.87
7	2B3D5e3	Ganthari Shahpur	406	0.0731	0.0731	0.0974	0	0.244	0.02	0.17	1.02	0.00	1.22	0.02	0.06	0.28	0.00	0.37	0.02	0.06	0.28	0.00	0.37	0.00	0.07	0.17	0.00	0.24	0.15	0.44	1.85	0.00	2.44
Total :			3037	0.547	0.547	0.729	0.000	1.822	0.182	1.276	7.653	0.000	9.111	0.182	0.456	2.096	0.000	2.733	0.182	0.456	2.096	0.000	2.733	0.000	0.547	1.276	0.000	1.822	1.093	3.280	13.849	0.000	18.222

At A Glance	Annual Action Plan (APP) of I & CB of Project Area Under				Pachon, IWMP-III		Amount in Lacs
	District:-	Hathras (Mahamaya Nagar)	(5% of Project Cost) Area ha		3037.00		
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	1.09332
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	244	1	1	244	0.00150	0.3660
2.3.b	Within State	182	1	1	182	0.00400	0.728
2.3.c	Out of State	15	1	7	105	0.00700	0.735
	Sub Total of WCDC	616	4		706		3.279
3	PIA						
3.1	PIA	7	2	6	84	0.00670	0.563
3.2	WDT	10	2	5	100	0.00670	0.670
3.3	WC Basic	1312	1	1	1312	0.00317	4.159
3.4	WC Member	100	2	1	200	0.00317	0.634
3.5	WC Functionaries	96	2	1	192	0.00670	1.286
3.6	UGs	267	1	1	267	0.00317	0.846
3.7	UGs Functionaries	138	1	2	276	0.00670	1.849
3.8	SHGs	190	1	3	570	0.00317	1.807
3.9	SHGs Functionaries	152	1	2	304	0.00670	2.037
	Sub Total of PIA	2272			3305		13.852
3.10	Skill Training (from Convergence)	105	1	30	3150	0.00500	15.750
	Sub Total :	105			3150		15.750
	Total :	2993			7161	-	33.974
Fund From IWMP							18.222
Convergence from NRLM/SKILL Development Mission							15.752

Ist Year	Annual Action Plan (APP) of I & CB of Project Area Under				Pachon, IWMP-III		Amount in Lakhs
	District :	Hathras (Mahamaya Nagar)	(0.5% of Project Cost) Area :		3037.00		
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	0.5467
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	79	1	1	79	0.00150	0.119
2.3.b	Within State	72	1	1	72	0.00400	0.288
2.3.c	Out of State	0	0	0	0	0.00700	0.000
	Sub Total of WCDC	171	3		171		0.547
3	PIA						
3.1	PIA	3	2	6	36	0.00670	0.241
3.2	WDT	2	2	5	20	0.00670	0.134
3.3	WC Basic	112	1	1	112	0.00317	0.355
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	117			168		0.730
3.10	Skill Training	0	0	0	0	0.00500	0.000
Sub Total :		0			0		0.000
Total :		288			339	-	1.82
Fund From IWMP							1.82

IInd Year	Annual Action Plan (APP) of I & CB of Project Area Under				Pachon, IWMP-III		Amount in Lakhs
	District :	Hathras (Mahamaya Nagar)		(2.5% of Project Cost) Area :		3037.00	
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	0.182
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	40	1	1	40	0.00150	0.060
2.3.b	Within State	20	1	1	20	0.00400	0.080
2.3.c	Out of State	5	1	7	35	0.00700	0.245
	Sub Total of WCDC	160	5		190		1.275
3	PIA						
3.1	PIA	4	2	6	48	0.00670	0.322
3.2	WDT	2	2	5	20	0.00670	0.134
3.3	WC Basic	1200	1	1	1200	0.00317	3.804
3.4	WC Member	100	2	1	200	0.00317	0.634
3.5	WC Functionaries	24	2	1	48	0.00670	0.322
3.6	UGs	102	1	1	102	0.00317	0.323
3.7	UGs Functionaries	60	1	2	120	0.00670	0.804
3.8	SHGs	90	1	3	270	0.00317	0.856
3.9	SHGs Functionaries	34	1	2	68	0.00670	0.456
	Sub Total of PIA	1616			2076		7.654
3.10	Skill Training	0	0	0	0	0.00500	0.000
Sub Total :		0			0		0.000
Total :		1776			2266	-	9.111
Fund From IWMP							9.111

Illrd Year	Annual Action Plan (APP) of I & CB of Project Area Under				Pachon, IWMP-III		Amount in Lakhs
	District :	Hathras (Mahamaya Nagar)	(0.75% of Project Cost) Area :		3037.00		
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	0.182
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	23	1	1	23	0.00150	0.0345
2.3.b	Within State	9	1	1	9	0.00400	0.036
2.3.c	Out of State	5	1	7	35	0.00700	0.245
	Sub Total of WCDC	57			87		0.456
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	46	1	1	46	0.00317	0.146
3.7	UGs Functionaries	32	1	2	64	0.00670	0.429
3.8	SHGs	50	1	3	150	0.00317	0.476
3.9	SHGs Functionaries	44	1	2	88	0.00670	0.590
	Sub Total of PIA	198			416		2.095
3.10	Skill Training (from Convergence)	35	1	30	1050	0.00500	5.250
Sub Total :		35			1050		5.250
Total :		290			1553	-	7.983
Fund From IWMP							2.733
Convergence from NRLM/SKILL Development Mission							5.250

IVth Year	Annual Action Plan (APP) of I & CB of Project Area Under				Pachon, IWMP-III		Amount in Lakhs
	District :	Hathras (Mahamaya Nagar)	(0.75% of Project Cost) Area :		3037.00		
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	0.182
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	23	1	1	23	0.00150	0.0345
2.3.b	Within State	9	1	1	9	0.00400	0.036
2.3.c	Out of State	5	1	7	35	0.00700	0.245
	Sub Total of WCDC	57	4		87		0.456
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	46	1	1	46	0.00317	0.146
3.7	UGs Functionaries	32	1	2	64	0.00670	0.429
3.8	SHGs	50	1	3	150	0.00317	0.476
3.9	SHGs Functionaries	44	1	2	88	0.00670	0.590
	Sub Total of PIA	198			416		2.095
3.10	Skill Training (from Convergence)	35	1	30	1050	0.00500	5.250
Sub Total :		35			1050		5.250
Total :		290			1553	-	7.983
Fund From IWMP							2.733
Convergence from NRLM/SKILL Development Mission							5.250

Vth Year	Annual Action Plan (APP) of I & CB of Project Area Under				Pachon, IWMP-III		Amount in Lakhs
	District :	Hathras (Mahamaya Nagar)		(0.5% of Project Cost) Area :		3037.00	
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	79	1	1	79	0.00150	0.119
2.3.b	Within State	72	1	1	72	0.00400	0.288
2.3.c	Out of State	0	1	7	0	0.00700	0.000
	Sub Total of WCDC	151	4		171		0.547
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	73	1	1	73	0.00317	0.231
3.7	UGs Functionaries	14	1	2	28	0.00670	0.188
3.8	SHGs	0	1	3	0	0.00317	0.000
3.9	SHGs Functionaries	30	1	2	60	0.00670	0.402
	Sub Total of PIA	143			229		1.277
3.10	Skill Training (from Convergence)	35	1	30	1050	0.00500	5.250
	Sub Total :	35			1050		5.250
	Total :	329			1450	-	7.073
Fund From IWMP							1.822
Convergence from NRLM/SKILL Development Mission							5.251

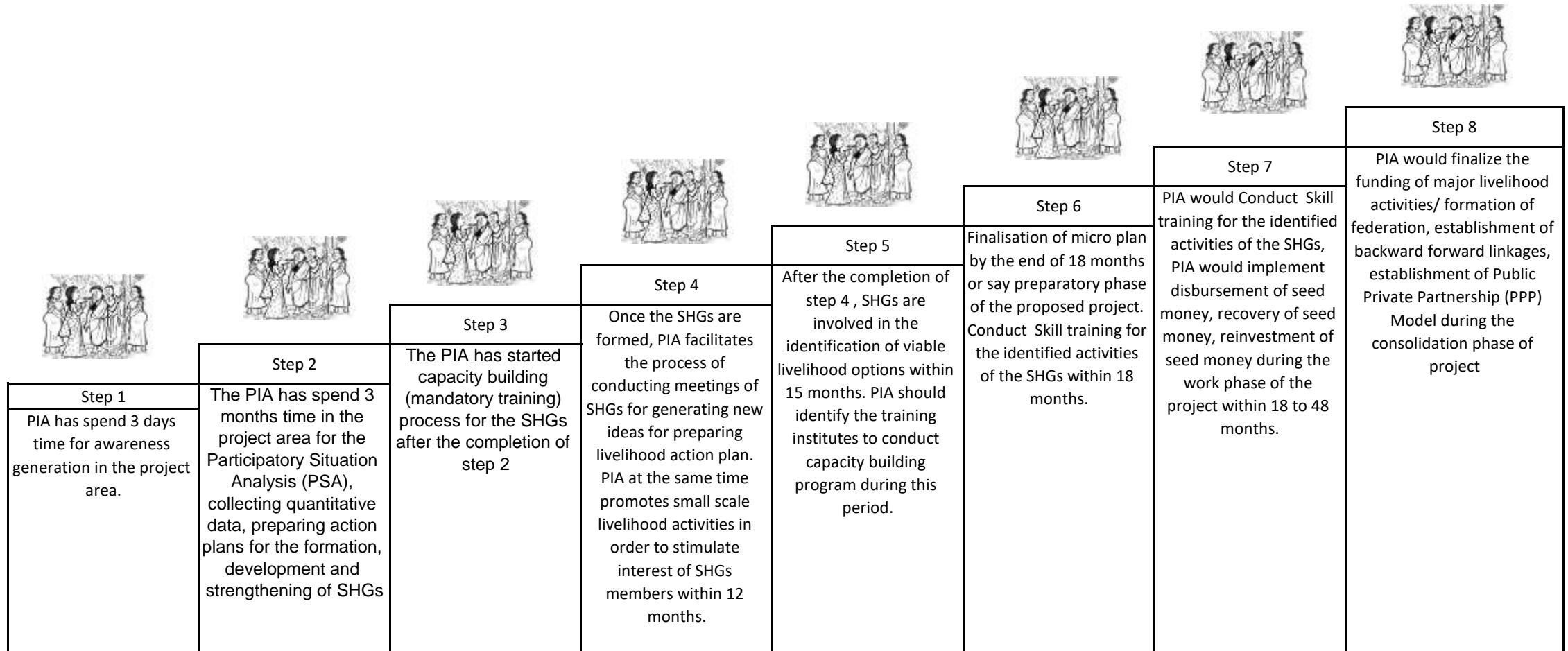
List of Identified Training Institute		
S. No.	Training Institute	Area of Specialization
1	Indian Veterinary Research Institute IVRI, Izatnagar, Bareilly in Uttar Pradesh	Livestock Rearing and Management.
2	Banaras Hindu University (BHU) , Varanasi, Uttar Pradesh 221005 Phone: 0542 236 8558	Farming System 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 Vallabhbbhai 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.

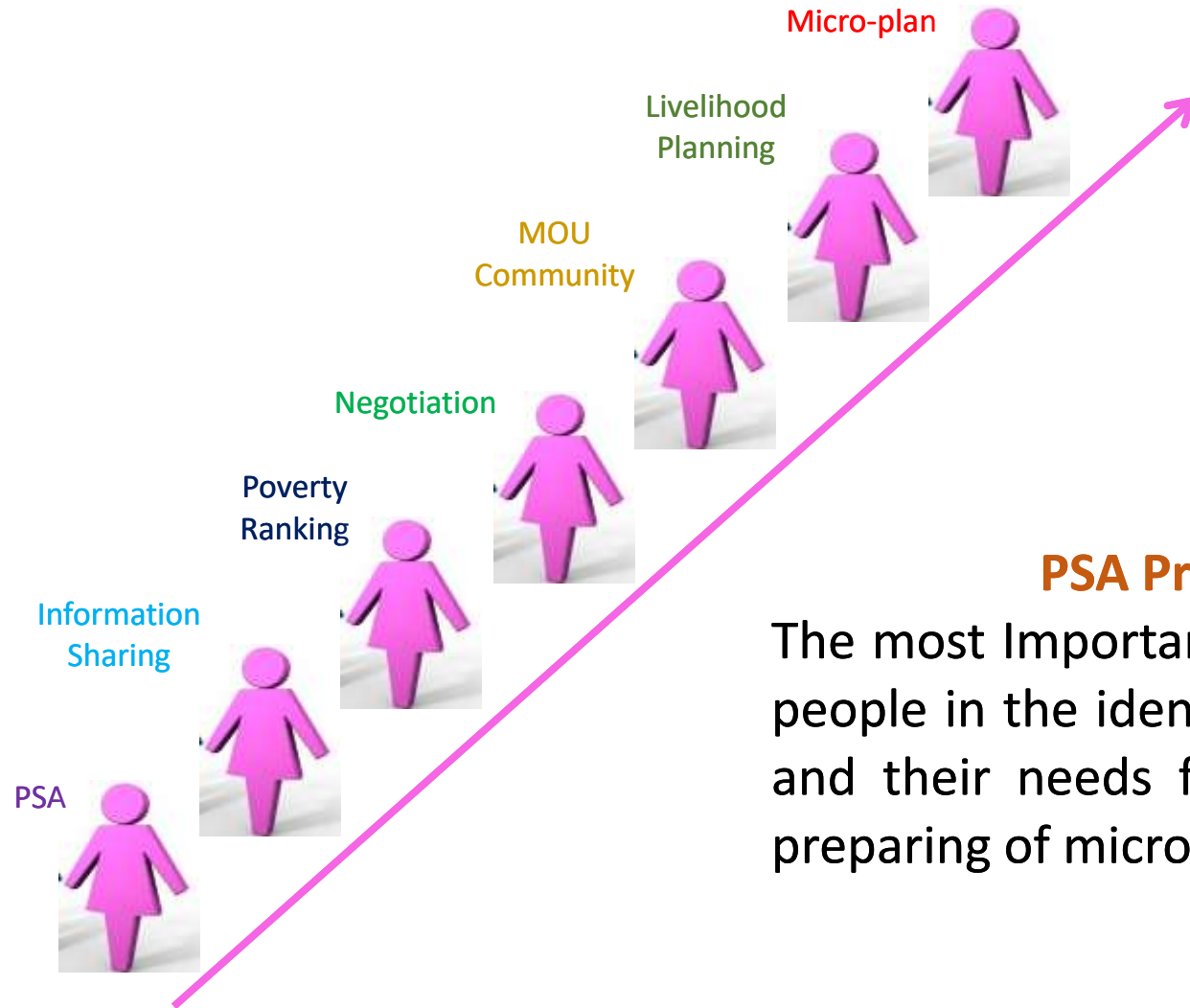
List of Identified Training Institute		
S. No.	Training Institute	Area of Specialization
23	Trining Institute, Beni Kalan, U.P.	Basic Orientation, Project Formulaion, Production System.
24	State Agriculture Management Institute, U.P.	Basic Orientation, Project Formulaion, Production System.
25	The ICAR-Indian 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.

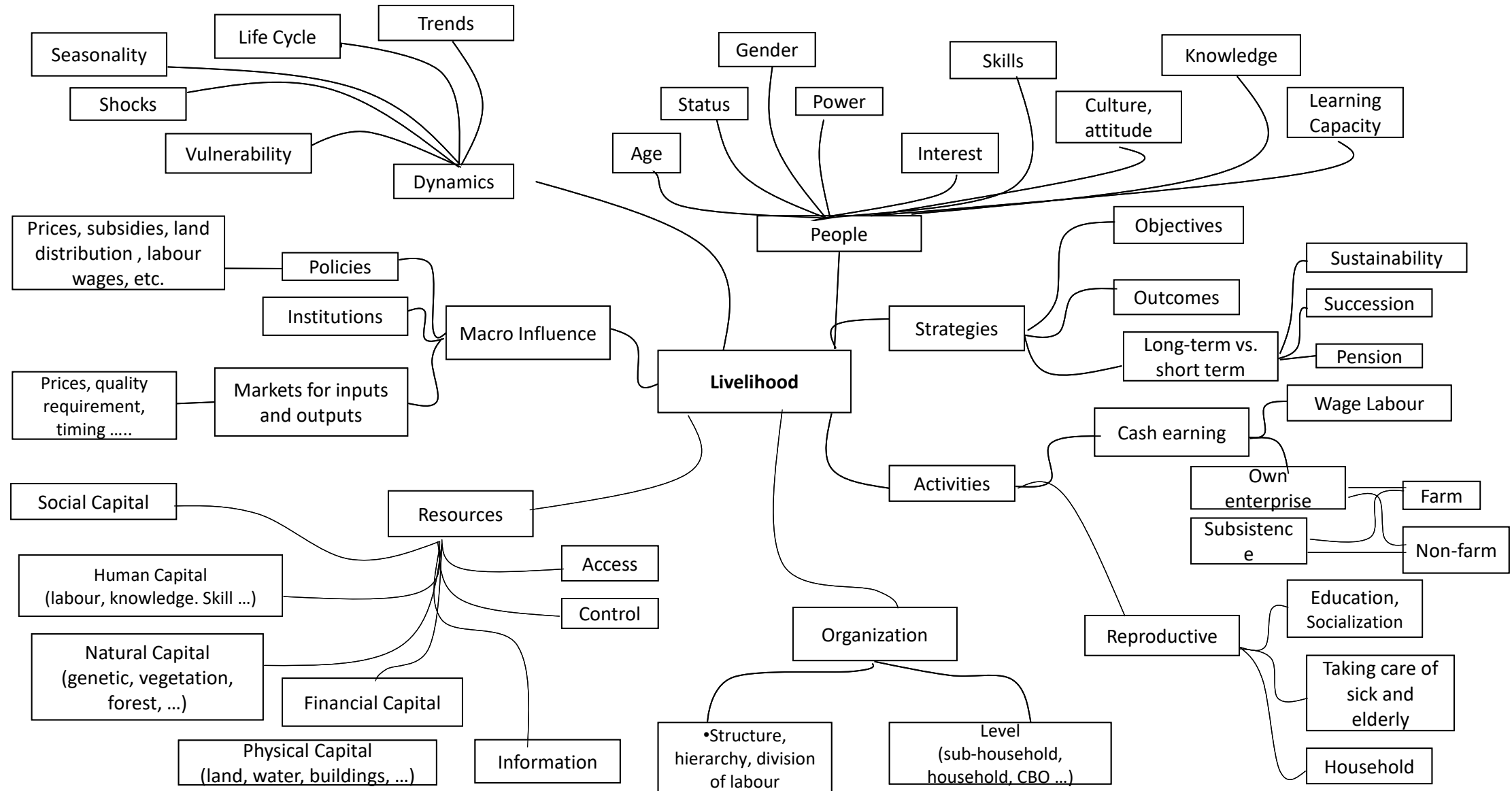




PSA Process Adopted

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. **32.80** 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 -in-aid for enterprising SHGs/ SHG federations to undertake major livelihood activities).

At least 70% of this livelihood fund i.e. Rs. **22.96** 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. **9.84** 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. 9.84 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				Pachon, IWMP-III		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													
				Pachon, IWMP-III		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	Federation	Project Cost	Contribution of SHGs/Fed.	Grant in-aid @ Rs. 50% or Rs. 2.00 Lakhs/Fed. whichever is less	Bank Loan
1	Agsauli	50	0.5400	0.3780	0.3402	4	0.0378	0	1	0.3240	0.0648	0.1620	0.09720
2	Bartar Khas	178	1.9224	1.3457	1.2111	7	0.1346	3	1	1.1534	0.2307	0.5767	0.34603
3	Bhatikara	275	2.9700	2.0790	1.8711	10	0.2079	4	1	1.7820	0.3564	0.8910	0.53460
4	Birawar	56	0.6048	0.4234	0.3810	4	0.0423	0	1	0.3629	0.0726	0.1814	0.10886
5	Dandesri	83	0.8964	0.6275	0.5647	4	0.0627	1	1	0.5378	0.1076	0.2689	0.16135
6	Ganthari Shahpur	216	2.3328	1.6330	1.4697	7	0.1633	3	1	1.3997	0.2799	0.6998	0.41990
7	Mahmoodpur	96	1.0368	0.7258	0.6532	4	0.0726	3	1	0.6221	0.1244	0.3110	0.18662
8	Mau Chirayal	74	0.7992	0.5594	0.5035	4	0.0559	0	1	0.4795	0.0959	0.2398	0.14386
9	Mubarikpur Kapsia	568	6.1344	4.2941	3.8647	18	0.4294	4	1	3.6806	0.7361	1.8403	1.10419
10	Pachon	593	6.4044	4.4831	4.0348	18	0.4483	4	1	3.8426	0.7685	1.9213	1.15279
11	Tatidandia	352	3.8016	2.6611	2.3950	12	0.2661	4	1	2.2810	0.4562	1.1405	0.68429
12	Tikari Kalan	496	5.3568	3.7498	3.3748	15	0.3750	4	1	3.2141	0.6428	1.6070	0.96422
Total :		3037.00	32.80	22.960	20.66	107	2.2960	30	12	19.6798	3.9360	9.8399	5.9039

Annual Action Plan (AAP) IInd Year For Seed Money Distribution to SHGs/Individuals and Grant-in-aid Under Livelihood Component of Project Area Under Pachon, IWMP-III 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	50	0.0600	0.0420	0.0378	1	0.0042	0		0.0180	
2	Bartar Khas	178	0.2136	0.1495	0.1346	1	0.0150	0		0.0641	
3	Bhatikara	275	0.3300	0.2310	0.2079	1	0.0231	1		0.0990	
4	Birawar	56	0.0672	0.0470	0.0423	1	0.0047	0		0.0202	
5	Dandesri	83	0.0996	0.0697	0.0627	1	0.0070	0		0.0299	
6	Ganthari Shahpur	216	0.2592	0.1814	0.1633	1	0.0181	0		0.0778	
7	Mahmoodpur	96	0.1152	0.0806	0.0726	1	0.0081	0		0.0346	
8	Mau Chirayal	74	0.0888	0.0622	0.0559	1	0.0062	0		0.0266	
9	Mubarikpur Kapsia	568	0.6816	0.4771	0.4294	2	0.0477	1		0.2045	
10	Pachon	593	0.7116	0.4981	0.4483	2	0.0498	1		0.2135	
11	Tatidandia	352	0.4224	0.2957	0.2661	2	0.0296	1		0.1267	
12	Tikari Kalan	496	0.5952	0.4166	0.3750	2	0.0417	1		0.1786	
Total :		3037	3.6444	2.5511	2.2960	16	0.2551	5		1.0933	

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 Pachon, IWMP-III 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	50	0.1500	0.1050	0.0945	1	0.0105	0		0.0450	
2	Bartar Khas	178	0.5340	0.3738	0.3364	2	0.0374	1		0.1602	
3	Bhatikara	275	0.8250	0.5775	0.5198	3	0.0578	1		0.2475	
4	Birawar	56	0.1680	0.1176	0.1058	1	0.0118	0		0.0504	
5	Dandesri	83	0.2490	0.1743	0.1569	1	0.0174	0		0.0747	
6	Ganthari Shahpur	216	0.6480	0.4536	0.4082	2	0.0454	1		0.1944	
7	Mahmoodpur	96	0.2880	0.2016	0.1814	1	0.0202	1		0.0864	
8	Mau Chirayal	74	0.2220	0.1554	0.1399	1	0.0155	0		0.0666	
9	Mubarikpur Kapsia	568	1.7040	1.1928	1.0735	5	0.1193	1		0.5112	
10	Pachon	593	1.7790	1.2453	1.1208	5	0.1245	1		0.5337	
11	Tatidandia	352	1.0560	0.7392	0.6653	3	0.0739	1		0.3168	
12	Tikari Kalan	496	1.4880	1.0416	0.9374	4	0.1042	1		0.4464	
Total :		3037.00	9.1110	6.3777	5.7399	29	0.6378	8	0	2.7333	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 Pachon, IWMP-III 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	50	0.1500	0.1050	0.0945	1	0.0105	0		0.0450	
2	Bartar Khas	178	0.5340	0.3738	0.3364	2	0.0374	1		0.1602	
3	Bhatikara	275	0.8250	0.5775	0.5198	3	0.0578	1		0.2475	
4	Birawar	56	0.1680	0.1176	0.1058	1	0.0118	0		0.0504	
5	Dandesri	83	0.2490	0.1743	0.1569	1	0.0174	0		0.0747	
6	Ganthari Shahpur	216	0.6480	0.4536	0.4082	2	0.0454	1		0.1944	
7	Mahmoodpur	96	0.2880	0.2016	0.1814	1	0.0202	1		0.0864	
8	Mau Chirayal	74	0.2220	0.1554	0.1399	1	0.0155	0		0.0666	
9	Mubarikpur Kapsia	568	1.7040	1.1928	1.0735	5	0.1193	1		0.5112	
10	Pachon	593	1.7790	1.2453	1.1208	5	0.1245	1		0.5337	
11	Tatidandia	352	1.0560	0.7392	0.6653	3	0.0739	1		0.3168	
12	Tikari Kalan	496	1.4880	1.0416	0.9374	4	0.1042	1		0.4464	
Total :		3037.00	9.111	6.378	5.740	29	0.638	8	0	2.733	

**Annual Action Plan (AAP) Vth Year For Seed Money Distribution to SHGs/Individuals and Grant-in-aid Under
Livelihood Component of Project Area Under Pachon, IWMP-III 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	50	0.1800	0.1260	0.1134	1	0.0126	0		0.0540	
2	Bartar Khas	178	0.6408	0.4486	0.4037	2	0.0449	1		0.1922	
3	Bhatikara	275	0.9900	0.6930	0.6237	3	0.0693	1		0.2970	
4	Birawar	56	0.2016	0.1411	0.1270	1	0.0141	0		0.0605	
5	Dandesri	83	0.2988	0.2092	0.1882	1	0.0209	1		0.0896	
6	Ganthari Shahpur	216	0.7776	0.5443	0.4899	2	0.0544	1		0.2333	
7	Mahmoodpur	96	0.3456	0.2419	0.2177	1	0.0242	1		0.1037	
8	Mau Chirayal	74	0.2664	0.1865	0.1678	1	0.0186	0		0.0799	
9	Mubarikpur Kapsia	568	2.0448	1.4314	1.2882	6	0.1431	1		0.6134	
10	Pachon	593	2.1348	1.4944	1.3449	6	0.1494	1		0.6404	
11	Tatidandia	352	1.2672	0.8870	0.7983	4	0.0887	1		0.3802	
12	Tikari Kalan	496	1.7856	1.2499	1.1249	5	0.1250	1		0.5357	
Total :		3037.00	10.9332	7.6532	6.8879	33	0.7653	9	0	3.2800	0

Capacity Building Plan Under Livelihood Component of		Pachon, IWMP-III	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	Chia	ha	0.100	0.25	4	13.4	Drum Seeder	No.	0.08	1	5
1.5	Quinoa	ha	0.120	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										Pachon, IWMP-III				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			7.75	0.62	7.75	0.62	0.00	0.00	0.00	0.00	15.50	62			62	1.240		
1.2	Pulses -Urd/Moong/ Arhar	ha	0.120			9.75	1.17	10.00	1.20	0.00	0.00	0.00	0.00	19.75	79			79	2.370		
1.3	Oil Seeds	ha	0.120			8.50	1.02	9.75	1.17	0.00	0.00	0.00	0.00	18.25	73			73	2.190		
1.4	Chia	ha	0.100			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0			0	0.000		
1.5	Quinoa	ha	0.120			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0			0	0.000		
2	Vegetables																				
2.1	Tomato/Brinjal/Okra/Shimla Mirch	ha	0.240			0.00	0.00	1.90	0.46	0.00	0.00	0.00	0.00	1.90	19			19	0.456		
2.2	Cauliflower/ Cabbage	ha	0.240			0.00	0.00	1.60	0.38	0.00	0.00	0.00	0.00	1.60	16			16	0.384		
	Cucurbits	ha	0.120			0.00	0.00	1.20	0.14	0.00	0.00	0.00	0.00	1.20	12			12	0.144		
	Shakbhaji	ha	0.100			0.00	0.00	1.20	0.12	0.00	0.00	0.00	0.00	1.20	12			12	0.120		
	Spices																				
	Garlic/ Ginger/ Turmeric	ha	0.240			0.00	0.00	1.10	0.26	0.00	0.00	0.00	0.00	1.10	11			11	0.264		
	Coriander/ Methi/ Saunf/ Kalaunji	ha	0.120			0.00	0.00	1.40	0.17	0.00	0.00	0.00	0.00	1.40	14			14	0.168		
	Chilly	ha	0.200			0.00	0.00	1.20	0.24	0.00	0.00	0.00	0.00	1.20	12			12	0.240		
	Floriculture	ha	0.000																		
	Marry Gold	ha	0.240			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0			0	0.000		
	Deshi Gulab	ha	0.240			0.00	0.00	5.40	1.30	0.00	0.00	0.00	0.00	5.40	54			54	1.296		
	Agro-forestry	ha	0.100			0.00	0.00	13.50	1.35	0.00	0.00	0.00	0.00	13.50	54			54	1.350		
	Distribution of Various Kit																				
	IPM Kit	No.	0.020			0	0.00	0	0.00	21	0.42	9	0.18					30	30	30	0.600
	Seed Kit	No.	0.005			46	0.23	65	0.33	30	0.15	48	0.24					189	189	189	0.945
	Vegetable Kit	No.	0.002			52	0.10	77	0.15	23	0.05	54	0.11					206	206	206	0.412
	Fodder Kit	No.	0.005			20	0.10	44	0.22	13	0.07	26	0.13					103	103	103	0.515
	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	7	0.35	0	0.00					7	7	7	0.350
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			4	0.40	10	1.00	10	1.00	10	1.00					34	2040	2040	3.400
12	Distribution of Buck	No.	0.050			0	0.00	0	0.00	4	0.20	0	0.00					4	300	300	0.200
13	Distribution of Agriculture Equipments																				
13.1	Chaff Cutter	No.	0.060			0	0.00	0	0.00	31	1.86	0	0.00					31	155	155	1.860

ANNUAL ACTION PLAN AT A GLANCE OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Pachon, IWMP-III			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
13.2	Sprayer	No.	0.030			0	0.00	0	0.00	84	2.52	0	0.00			84	420	420	2.520
13.3	Broadcaster	No.	0.015			0	0.00	0	0.00	8	0.12	0	0.00			8	40	40	0.120
13.4	Drum Seeder	No.	0.080			0	0.00	0	0.00	4	0.32	0	0.00			4	20	20	0.320
13.5	Cono Weeded	No.	0.014			0	0.00	0	0.00	0	0.00	0	0.00			0	0	0	0.000
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	7	0.28	5	0.20			12	60	60	0.480
13.8	Portable Pump for Lift Irrigation	No.	0.240			0	0.00	0	0.00	0	0.00	0	0.00			0	0	0	0.000
14	Micro-enterprises																		
14.1	Mushroom Cultivation	No.	0.240			0	0.00	0	0.00	0	0.00	2	0.48			2	2	2	0.480
14.2	Apiculture	No.	0.240			0	0.00	0	0.00	0	0.00	2	0.48			2	2	2	0.480
14.3	Fruit Preservation	No.	0.240			0	0.00	0	0.00	0	0.00	6	1.44			6	6	6	1.440
14.4	Poultry	No.	0.200			0	0.00	0	0.00	0	0.00	5	1.00			5	5	5	1.000
14.5	Goatary	No.	0.200			0	0.00	0	0.00	6	1.20	15	3.00			21	21	21	4.200
14.6	Dairy Product	No.	0.240			0	0.00	0	0.00	0	0.00	3	0.72			3	15	15	0.720
14.7	Mini Dal Mill	No.	0.200			0	0.00	0	0.00	0	0.00	4	0.80			4	20	20	0.800
14.8	Daliya Making Machine	No.	0.200			0	0.00	0	0.00	0	0.00	4	0.80			4	20	20	0.800
14.9	Grain Cleaner Cum Grader	No.	0.200			0	0.00	0	0.00	0	0.00	12	2.40			12	60	60	2.400
14.1	Floor Separator	No.	0.240			0	0.00	0	0.00	0	0.00	4	0.96			4	20	20	0.960
14.11	Portable Charring Kiln	No.	0.080			0	0.00	0	0.00	0	0.00	8	0.64			8	40	40	0.640
14.12	UMMB Block	No.	0.100			0	0.00	0	0.00	0	0.00	0	0.00			0	0	0	0.000
	Total					3.644		9.111		9.11		14.578	82.00	418	812	3874	4292	36.444	

At A Glance				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Pachon, IWMP-III		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		Chia		Quinoa		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	50	0.600	0.50	0.04	0.50	0.06	0.25	0.03	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	Bartar Khas	178	2.136	1.25	0.10	1.25	0.15	1.25	0.15	0.00	0.00	0.00	0.00	0.10	0.02	0.10	0.02	0.10	0.01	0.10	0.01
3	Bhatikara	275	3.300	1.75	0.14	2.00	0.24	1.75	0.21	0.00	0.00	0.00	0.00	0.20	0.05	0.20	0.05	0.10	0.01	0.10	0.01
4	Birawar	56	0.672	0.25	0.02	0.50	0.06	0.50	0.06	0.00	0.00	0.00	0.00	0.10	0.02	0.00	0.00	0.00	0.00	0.00	0.00
5	Dandesri	83	0.996	0.75	0.06	1.50	0.18	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
6	Ganthari Shahpur	216	2.592	1.00	0.08	2.00	0.24	1.75	0.21	0.00	0.00	0.00	0.00	0.20	0.05	0.20	0.05	0.10	0.01	0.10	0.01
7	Mahmoodpur	96	1.152	1.00	0.08	1.25	0.15	1.25	0.15	0.00	0.00	0.00	0.00	0.10	0.02	0.10	0.02	0.10	0.01	0.10	0.01
8	Mau Chirayal	74	0.888	0.75	0.06	0.25	0.03	0.25	0.03	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	Mubarikpur Kapsia	568	6.816	2.75	0.22	3.00	0.36	3.00	0.36	0.00	0.00	0.00	0.00	0.40	0.10	0.30	0.07	0.20	0.02	0.20	0.02
10	Pachon	593	7.116	2.50	0.20	3.00	0.36	3.00	0.36	0.00	0.00	0.00	0.00	0.40	0.10	0.30	0.07	0.20	0.02	0.20	0.02
11	Tatidandia	352	4.224	1.00	0.08	1.75	0.21	1.50	0.18	0.00	0.00	0.00	0.00	0.10	0.02	0.10	0.02	0.10	0.01	0.10	0.01
12	Tikari Kalan	496	5.952	2.00	0.16	2.75	0.33	2.50	0.30	0.00	0.00	0.00	0.00	0.30	0.07	0.30	0.07	0.30	0.04	0.30	0.03
TOTAL :		3037	36.4440	15.50	1.24	19.75	2.37	18.25	2.19	0.00	0.00	0.00	0.00	1.90	0.46	1.60	0.38	1.20	0.14	1.20	0.12

* Please Refer Unit Cost Table for Actual Value.

At A Glance				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Pachon, IWMP-III				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	50	0.600	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.07	0.00	0.00	2.00	0.04	9.00	0.05	15.00	0.03	5.00	0.03	0.00	0.00	0.00	0.00
2	Bartar Khas	178	2.136	0.00	0.00	0.10	0.01	0.10	0.02	0.00	0.00	0.20	0.05	0.50	0.05	3.00	0.06	15.00	0.08	14.00	0.03	9.00	0.05	0.00	0.00	0.00	0.00
3	Bhatikara	275	3.300	0.10	0.02	0.20	0.02	0.10	0.02	0.00	0.00	0.30	0.07	0.00	0.00	3.00	0.06	19.00	0.10	16.00	0.03	9.00	0.05	0.00	0.00	0.00	0.00
4	Birawar	56	0.672	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.05	0.00	0.00	2.00	0.04	8.00	0.04	3.00	0.01	4.00	0.02	0.00	0.00	0.00	0.00
5	Dandesri	83	0.996	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.05	0.00	0.00	2.00	0.04	13.00	0.07	13.00	0.03	5.00	0.03	0.00	0.00	0.00	0.00
6	Ganthari Shahpur	216	2.592	0.10	0.02	0.20	0.02	0.10	0.02	0.00	0.00	0.30	0.07	0.00	0.00	3.00	0.06	17.00	0.09	18.00	0.04	14.00	0.07	0.00	0.00	0.00	0.00
7	Mahmoodpur	96	1.152	0.10	0.02	0.10	0.01	0.10	0.02	0.00	0.00	0.20	0.05	0.00	0.00	1.00	0.02	17.00	0.09	20.00	0.04	10.00	0.05	0.00	0.00	0.00	0.00
8	Mau Chirayal	74	0.888	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.05	0.00	0.00	1.00	0.02	11.00	0.06	17.00	0.03	6.00	0.03	0.00	0.00	0.00	0.00
9	Mubarikpur Kapsia	568	6.816	0.20	0.05	0.20	0.02	0.20	0.04	0.00	0.00	1.00	0.24	5.00	0.50	4.00	0.08	22.00	0.11	23.00	0.05	15.00	0.08	0.00	0.00	0.00	0.00
10	Pachon	593	7.116	0.20	0.05	0.20	0.02	0.20	0.04	0.00	0.00	1.00	0.24	3.00	0.30	4.00	0.08	17.00	0.09	26.00	0.05	8.00	0.04	0.00	0.00	0.00	0.00
11	Tatidandia	352	4.224	0.10	0.02	0.10	0.01	0.10	0.02	0.00	0.00	1.00	0.24	2.00	0.20	2.00	0.04	18.00	0.09	20.00	0.04	7.00	0.04	0.00	0.00	0.00	0.00
12	Tikari Kalan	496	5.952	0.30	0.07	0.30	0.04	0.30	0.06	0.00	0.00	0.50	0.12	3.00	0.30	3.00	0.06	23.00	0.12	21.00	0.04	11.00	0.06	0.00	0.00	0.00	0.00
TOTAL :		3037	36.4440	1.10	0.26	1.40	0.17	1.20	0.24	0.00	0.00	5.40	1.30	13.50	1.35	30	0.60	189	0.95	206	0.41	103	0.52	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														Pachon, IWMP-III				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	50	0.600	0.00	0.00	2.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.02	1.00	0.04	0.00	0.00	0.00	0.00
2	Bartar Khas	178	2.136	1.00	0.05	1.00	0.02	0.00	0.00	0.00	0.00	3.00	0.18	5.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
3	Bhatikara	275	3.300	1.00	0.05	3.00	0.06	3.00	0.30	0.00	0.00	4.00	0.24	7.00	0.21	0.00	0.00	0.00	0.00	0.00	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Birawar	56	0.672	1.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.06	0.00	0.00	0.00	0.00	0.00	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Dandesri	83	0.996	1.00	0.05	2.00	0.04	0.00	0.00	0.00	0.00	1.00	0.06	2.00	0.06	0.00	0.00	0.00	0.00	0.00	1.00	0.02	1.00	0.04	0.00	0.00	0.00	0.00	0.00
6	Ganthari Shahpur	216	2.592	0.00	0.00	0.00	0.00	3.00	0.30	0.00	0.00	3.00	0.18	11.00	0.33	1.00	0.02	0.00	0.00	0.00	0.00	1.00	0.02	1.00	0.04	0.00	0.00	0.00	0.00
7	Mahmoodpur	96	1.152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.06	10.00	0.30	1.00	0.02	0.00	0.00	0.00	0.00	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
8	Mau Chirayal	74	0.888	0.00	0.00	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.09	1.00	0.02	0.00	0.00	0.00	0.00	1.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00
9	Mubarikpur Kapsia	568	6.816	2.00	0.10	2.00	0.04	7.00	0.70	1.00	0.05	5.00	0.30	12.00	0.36	1.00	0.02	1.00	0.08	0.00	0.00	2.00	0.04	5.00	0.20	0.00	0.00	1.00	0.24
10	Pachon	593	7.116	0.00	0.00	0.00	0.00	7.00	0.70	1.00	0.05	5.00	0.30	13.00	0.39	1.00	0.02	1.00	0.08	0.00	0.00	2.00	0.04	1.00	0.04	0.00	0.00	1.00	0.24
11	Tatidandia	352	4.224	0.00	0.00	0.00	0.00	7.00	0.70	1.00	0.05	3.00	0.18	7.00	0.21	1.00	0.02	1.00	0.08	0.00	0.00	2.00	0.04	1.00	0.04	0.00	0.00	0.00	0.00
12	Tikari Kalan	496	5.952	1.00	0.05	2.00	0.04	7.00	0.70	1.00	0.05	6.00	0.36	9.00	0.27	2.00	0.03	1.00	0.08	0.00	0.00	2.00	0.04	2.00	0.08	0.00	0.00	0.00	0.00
TOTAL :		3037	36.4440	7	0.35	13	0.26	34	3.40	4	0.20	31	1.86	84	2.52	8	0.12	4	0.32	0	0.00	16	0.32	12	0.48	0	0.00	2	0.48

* Please Refer Unit Cost Table for Actual Value.

At A Glance				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Pachon, IWMP-III				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		JMMB 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	50	0.600	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	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1.55	8	39	63	71	0.732		
2	Bartar Khas	178	2.136	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.20	0.00	0.00	1.00	0.08	0.00	0.00	5.05	25	56	45	70	1.908		
3	Bhatikara	275	3.300	0.00	0.00	1.00	0.24	1.00	0.20	2.00	0.40	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	6.80	35	71	58	93	3.000		
4	Birawar	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	0.00	0.00	1.00	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1.55	8	22	18	26	0.648		
5	Dandesri	83	0.996	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	1.00	0.20	0.00	0.00	1.00	0.08	0.00	0.00	3.70	16	44	37	53	1.344		
6	Ganthari Shahpur	216	2.592	0.00	0.00	1.00	0.24	0.00	0.00	2.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.20	0.00	0.00	1.00	0.08	0.00	0.00	6.05	32	77	58	90	2.844		
7	Mahmoodpur	96	1.152	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.20	0.00	0.00	1.00	0.08	0.00	0.00	4.40	23	65	50	73	1.824		
8	Mau Chirayal	74	0.888	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	0.20	0.00	0.00	1.00	0.08	0.00	0.00	1.45	7	43	36	43	0.732		
9	Mubarikpur Kapsia	568	6.816	1.00	0.24	1.00	0.24	1.00	0.20	4.00	0.80	1.00	0.24	1.00	0.20	1.00	0.20	1.00	0.20	1.00	0.24	1.00	0.08	0.00	0.00	16.45	82	116	571	653	7.080		
10	Pachon	593	7.116	1.00	0.24	1.00	0.24	1.00	0.20	3.00	0.60	1.00	0.24	1.00	0.20	1.00	0.20	1.00	0.20	1.00	0.24	1.00	0.08	0.00	0.00	14.20	73	99	662	735	6.336		
11	Tatidandia	352	4.224	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	0.00	0.00	0.00	0.00	7.95	42	78	126	168	4.236		
12	Tikari Kalan	496	5.952	0.00	0.00	1.00	0.24	1.00	0.20	3.00	0.60	1.00	0.24	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	67	102	141	208	5.760		
TOTAL :		3037	36.4440	2	0.48	6	1.44	5	1.00	21	4.20	3	0.72	4	0.80	4	0.80	12	2.40	4	0.96	8	0.64	0	0.00	82.00	418	812	1865	2283	36.444		

* 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										Pachon, IWMP-III		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		Chia		Quinoa		Tomato/Brinjal/Okra/Shimla Mirch		Cauliflower/Cabbage		Cucurbits		Shakhaji	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	Agsauli	50	0.060	0.25	0.02	0.25	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0	0.00
2	Bartar Khas	178	0.214	0.50	0.04	0.50	0.06	0.50	0.06	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0	0.00
3	Bhatikara	275	0.330	0.75	0.06	1.00	0.12	0.75	0.09	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0	0.00
4	Birawar	56	0.067	0.00	0.00	0.25	0.03	0.25	0.03	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0	0.00
5	Dandesri	83	0.100	0.25	0.02	0.50	0.06	0.25	0.03	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0	0.00
6	Ganthari Shahpur	216	0.259	0.50	0.04	1.00	0.12	0.75	0.09	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0	0.00
7	Mahmoodpur	96	0.115	0.25	0.02	0.50	0.06	0.50	0.06	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0	0.00
8	Mau Chirayal	74	0.089	0.50	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0	0.00
9	Mubarikpur Kapsia	568	0.682	1.75	0.14	1.75	0.21	1.75	0.21	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0	0.00
10	Pachon	593	0.712	1.50	0.12	1.50	0.18	1.50	0.18	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0	0.00
11	Tatidandia	352	0.422	0.50	0.04	1.00	0.12	0.75	0.09	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0	0.00
12	Tikari Kalan	496	0.595	1.00	0.08	1.50	0.18	1.50	0.18	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0	0.00
TOTAL :		3037	3.6444	7.75	0.62	9.75	1.17	8.50	1.02	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.

IInd Year (Phy. In ha & No.)				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER												Pachon, IWMP-III				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	50	0.060	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	2	0.010	4	0.008	1	0.005	0	0.000	0	0.000
2	Bartar Khas	178	0.214	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	3	0.015	3	0.006	2	0.010	0	0.000	0	0.000
3	Bhatikara	275	0.330	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	3	0.015	5	0.010	1	0.005	0	0.000	0	0.000
4	Birawar	56	0.067	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	1	0.005	0	0.000	0	0.000	0	0.000	0	0.000
5	Dandesri	83	0.100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	3	0.015	2	0.004	1	0.005	0	0.000	0	0.000
6	Ganthari Shahpur	216	0.259	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	3	0.015	7	0.014	1	0.005	0	0.000	0	0.000
7	Mahmoodpur	96	0.115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	4	0.020	6	0.012	2	0.010	0	0.000	0	0.000
8	Mau Chirayal	74	0.089	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	3	0.015	4	0.008	2	0.010	0	0.000	0	0.000
9	Mubarikpur Kapsia	568	0.682	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	6	0.030	4	0.008	2	0.010	0	0.000	0	0.000
10	Pachon	593	0.712	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	6	0.030	7	0.014	2	0.010	0	0.000	0	0.000
11	Tatidandia	352	0.422	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	8	0.040	7	0.014	4	0.020	0	0.000	0	0.000
12	Tikari Kalan	496	0.595	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	4	0.020	3	0.006	2	0.010	0	0.000	0	0.000
TOTAL :		3037	3.6444	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	0.000	46	0.230	52	0.104	20	0.100	0	0.000	0	0.000

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IInd Year (Phy. In ha & No.)				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Pachon, IWMP-III				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	50	0.060	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
2	Bartar Khas	178	0.214	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	Bhatikara	275	0.330	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	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
5	Dandesri	83	0.100	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	Ganthari Shahpur	216	0.259	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
7	Mahmoodpur	96	0.115	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
8	Mau Chirayal	74	0.089	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
9	Mubarikpur Kapsia	568	0.682	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
10	Pachon	593	0.712	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
11	Tatidandia	352	0.422	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
12	Tikari Kalan	496	0.595	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
TOTAL :			3037	3.6444	0	0.000	0	0.000	4	0.400	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	

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IInd Year (Phy. In ha & No.)				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																				Pachon, IWMP-III				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 in ha	No. of Farmer	Phy in No.	No. of Farmer	Total Farmers	Fin in Lacs		
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin								
1	Agsauli	50	0.060	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	7	7	9	0.073		
2	Bartar Khas	178	0.214	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	1.50	6	8	8	14	0.191		
3	Bhatikara	275	0.330	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	9	9	19	0.300		
4	Birawar	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	1	1	3	0.065		
5	Dandesri	83	0.100	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	1.00	4	6	6	10	0.134		
6	Ganthari Shahpur	216	0.259	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	2.25	9	11	11	20	0.284		
7	Mahmoodpur	96	0.115	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	12	12	17	0.182		
8	Mau Chirayal	74	0.089	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	0.073		
9	Mubarikpur Kapsia	568	0.682	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	5.25	21	13	72	93	0.708		
10	Pachon	593	0.712	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	4.50	18	16	90	108	0.634		
11	Tatidandia	352	0.422	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	2.25	9	20	19	28	0.424		
12	Tikari Kalan	496	0.595	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	4.00	16	10	9	25	0.576		
TOTAL :		3037	3.6444	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	26.00	104	122	253	357	3.644		

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Illrd Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Pachon, IWMP-III		District-		Hathras (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		Chia		Quinoa		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	50	0.150	0.25	0.02	0.25	0.03	0.25	0.03	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0	0.00
2	Bartar Khas	178	0.534	0.75	0.06	0.75	0.09	0.75	0.09	0.00	0.00	0.00	0.00	0.1	0.02	0.10	0.02	0.10	0.01	0.1	0.01
3	Bhatikara	275	0.825	1.00	0.08	1.00	0.12	1.00	0.12	0.00	0.00	0.00	0.00	0.2	0.05	0.2	0.05	0.1	0.01	0.1	0.01
4	Birawar	56	0.168	0.25	0.02	0.25	0.03	0.25	0.03	0.00	0.00	0.00	0.00	0.1	0.02	0	0.00	0	0.00	0	0.00
5	Dandesri	83	0.249	0.50	0.04	1.00	0.12	1.00	0.12	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00
6	Ganthari Shahpur	216	0.648	0.50	0.04	1.00	0.12	1.00	0.12	0.00	0.00	0.00	0.00	0.2	0.05	0.2	0.05	0.1	0.01	0.1	0.01
7	Mahmoodpur	96	0.288	0.75	0.06	0.75	0.09	0.75	0.09	0.00	0.00	0.00	0.00	0.1	0.02	0.1	0.02	0.1	0.01	0.1	0.01
8	Mau Chirayal	74	0.222	0.25	0.02	0.25	0.03	0.25	0.03	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0	0.00	0	0.00
9	Mubarikpur Kapsia	568	1.704	1.00	0.08	1.25	0.15	1.25	0.15	0.00	0.00	0.00	0.00	0.4	0.10	0.3	0.07	0.2	0.02	0.2	0.02
10	Pachon	593	1.779	1.00	0.08	1.50	0.18	1.50	0.18	0.00	0.00	0.00	0.00	0.4	0.10	0.3	0.07	0.2	0.02	0.2	0.02
11	Tatidandia	352	1.056	0.50	0.04	0.75	0.09	0.75	0.09	0.00	0.00	0.00	0.00	0.1	0.02	0.1	0.02	0.1	0.01	0.1	0.01
12	Tikari Kalan	496	1.488	1.00	0.08	1.25	0.15	1.00	0.12	0.00	0.00	0.00	0.00	0.3	0.07	0.3	0.07	0.3	0.04	0.3	0.03
TOTAL :		3037	9.1110	7.75	0.62	10.00	1.20	9.75	1.17	0.00	0.00	0.00	0.00	1.90	0.46	1.60	0.38	1.20	0.14	1.20	0.12

* Please Refer Unit Cost Table for Actual Value.

Illrd Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Pachon, IWMP-III		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	50	0.150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.3	0.07	0	0.00	0	0.00	4	0.020	3	0.006	1	0.005	0	0.000	0	0.000
2	Bartar Khas	178	0.534	0.00	0.00	0.10	0.01	0.10	0.02	0.00	0.00	0.2	0.05	0.5	0.05	0	0.00	3	0.015	6	0.012	2	0.010	0	0.000	0	0.000
3	Bhatikara	275	0.825	0.1	0.02	0.2	0.02	0.1	0.02	0.00	0.00	0.3	0.07	0	0.00	0	0.00	7	0.035	6	0.012	5	0.025	0	0.000	0	0.000
4	Birawar	56	0.168	0	0.00	0	0.00	0	0.00	0.00	0.00	0.2	0.05	0	0.00	0	0.00	0	0.000	0	0.000	2	0.010	0	0.000	0	0.000
5	Dandesri	83	0.249	0	0.00	0	0.00	0	0.00	0.00	0.00	0.2	0.05	0	0.00	0	0.00	0	0.000	4	0.008	0	0.000	0	0.000	0	0.000
6	Ganthari Shahpur	216	0.648	0.1	0.02	0.2	0.02	0.1	0.02	0.00	0.00	0.3	0.07	0	0.00	0	0.00	6	0.030	4	0.008	7	0.035	0	0.000	0	0.000
7	Mahmoodpur	96	0.288	0.1	0.02	0.1	0.01	0.1	0.02	0.00	0.00	0.2	0.05	0	0.00	0	0.00	4	0.020	6	0.012	2	0.010	0	0.000	0	0.000
8	Mau Chirayal	74	0.222	0	0.00	0	0.00	0	0.00	0.00	0.00	0.2	0.05	0	0.00	0	0.00	6	0.030	5	0.010	3	0.015	0	0.000	0	0.000
9	Mubarikpur Kapsia	568	1.704	0.2	0.05	0.2	0.02	0.2	0.04	0.00	0.00	1	0.24	5	0.50	0	0.00	10	0.050	13	0.026	10	0.050	0	0.000	0	0.000
10	Pachon	593	1.779	0.2	0.05	0.2	0.02	0.2	0.04	0.00	0.00	1	0.24	3	0.30	0	0.00	8	0.040	10	0.020	4	0.020	0	0.000	0	0.000
11	Tatidandia	352	1.056	0.1	0.02	0.1	0.01	0.1	0.02	0.00	0.00	1	0.24	2	0.20	0	0.00	8	0.040	9	0.018	3	0.015	0	0.000	0	0.000
12	Tikari Kalan	496	1.488	0.3	0.07	0.3	0.04	0.3	0.06	0.00	0.00	0.5	0.12	3	0.30	0	0.00	9	0.045	11	0.022	5	0.025	0	0.000	0	0.000
TOTAL :		3037	9.1110	1.10	0.26	1.40	0.17	1.20	0.24	0.00	0.00	5.40	1.30	13.50	1.35	0	0.000	65	0.325	77	0.154	44	0.220	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																	Pachon, IWMP-III				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	50	0.150	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
2	Bartar Khas	178	0.534	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	Bhatikara	275	0.825	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
4	Birawar	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
5	Dandesri	83	0.249	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	Ganthari Shahpur	216	0.648	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
7	Mahmoodpur	96	0.288	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
8	Mau Chirayal	74	0.222	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
9	Mubarikpur Kapsia	568	1.704	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
10	Pachon	593	1.779	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
11	Tatidandia	352	1.056	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
12	Tikari Kalan	496	1.488	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
TOTAL :		3037	9.1110	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	0	0.000

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Illrd Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Pachon, IWMP-III				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	Fin in Lacs
1	Agsauli	50	0.150	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	1.05	6	8	8	14	0.183		
2	Bartar Khas	178	0.534	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	3.55	19	11	11	30	0.477		
3	Bhatikara	275	0.825	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	4.30	25	19	19	44	0.750		
4	Birawar	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	1.05	6	2	2	8	0.162		
5	Dandesri	83	0.249	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	2.70	12	4	4	16	0.336		
6	Ganthari Shahpur	216	0.648	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	3.80	23	18	18	41	0.711		
7	Mahmoodpur	96	0.288	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	3.15	18	12	12	30	0.456		
8	Mau Chirayal	74	0.222	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	0.95	5	14	14	19	0.183		
9	Mubarikpur Kapsia	568	1.704	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	11.20	61	35	153	214	1.770		
10	Pachon	593	1.779	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	9.70	55	24	172	227	1.584		
11	Tatidandia	352	1.056	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	5.70	33	22	20	53	1.059		
12	Tikari Kalan	496	1.488	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	8.85	51	27	25	76	1.440		
TOTAL :		3037	9.1110	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	56.00	314	196	458	772	9.111		

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IVth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Pachon, IWMP-III		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		Chia		Quinoa		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	50	0.150	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	Bartar Khas	178	0.534	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	Bhatikara	275	0.825	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Birawar	56	0.168	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Dandesri	83	0.249	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Ganthari Shahpur	216	0.648	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Mahmoodpur	96	0.288	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8	Mau Chiryal	74	0.222	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
9	Mubarikpur Kapsia	568	1.704	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	Pachon	593	1.779	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11	Tatidandia	352	1.056	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12	Tikari Kalan	496	1.488	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL :		3037	9.1110	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

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IVth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Pachon, IWMP-III				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
1	Agsauli	50	0.150	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	0.02	0	0.000	4	0.008	1	0.005	0	0.000	0	0.000
2	Bartar Khas	178	0.534	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	0.04	2	0.010	1	0.002	1	0.005	0	0.000	0	0.000
3	Bhatikara	275	0.825	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	0.04	5	0.025	0	0.000	1	0.005	0	0.000	0	0.000
4	Birawar	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	1	0.02	2	0.010	1	0.002	0	0.000	0	0.000	0	0.000
5	Dandesri	83	0.249	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	0.02	6	0.030	3	0.006	2	0.010	0	0.000	0	0.000
6	Ganthari Shahpur	216	0.648	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	0.04	2	0.010	3	0.006	2	0.010	0	0.000	0	0.000
7	Mahmoodpur	96	0.288	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	0.02	4	0.020	3	0.006	3	0.015	0	0.000	0	0.000
8	Mau Chirayal	74	0.222	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	0.02	1	0.005	4	0.008	1	0.005	0	0.000	0	0.000
9	Mubarikpur Kapsia	568	1.704	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	0.06	1	0.005	0	0.000	0	0.000	0	0.000	0	0.000
10	Pachon	593	1.779	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	0.06	1	0.005	2	0.004	0	0.000	0	0.000	0	0.000
11	Tatidandia	352	1.056	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	0.04	0	0.000	2	0.004	0	0.000	0	0.000	0	0.000
12	Tikari Kalan	496	1.488	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	0.04	6	0.030	0	0.000	2	0.010	0	0.000	0	0.000
TOTAL :		3037	9.1110	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	21	0.420	30	0.150	23	0.046	13	0.065	0	0.000	0	0.000

* Please Refer Unit Cost Table for Actual Value.

IVth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Pachon, IWMP-III		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	50	0.150	0	0.000	2	0.040	0	0.000	0	0.000	0	0.00	3	0.09	0	0.00	0	0.00	0	0.00	1	0.02	0	0.00	0	0.00	0	0.00
2	Bartar Khas	178	0.534	1	0.050	1	0.020	0	0.000	0	0.000	3	0.18	5	0.15	0	0.00	0	0.00	0	0.00	1	0.02	0	0.00	0	0.00	0	0.00
3	Bhatikara	275	0.825	1	0.050	3	0.060	1	0.100	0	0.000	4	0.24	7	0.21	0	0.00	0	0.00	0	0.00	1	0.02	0	0.00	0	0.00	0	0.00
4	Birawar	56	0.168	1	0.050	0	0.000	0	0.000	0	0.000	0	0.00	2	0.06	0	0.00	0	0.00	0	0.00	1	0.02	0	0.00	0	0.00	0	0.00
5	Dandesri	83	0.249	1	0.050	2	0.040	0	0.000	0	0.000	1	0.06	2	0.06	0	0.00	0	0.00	0	0.00	1	0.02	1	0.04	0	0.00	0	0.00
6	Ganthari Shahpur	216	0.648	0	0.000	0	0.000	1	0.100	0	0.000	3	0.18	11	0.33	1	0.02	0	0.00	0	0.00	1	0.02	0	0.00	0	0.00	0	0.00
7	Mahmoodpur	96	0.288	0	0.000	0	0.000	0	0.000	0	0.000	1	0.06	10	0.30	1	0.02	0	0.00	0	0.00	1	0.02	0	0.00	0	0.00	0	0.00
8	Mau Chirayal	74	0.222	0	0.000	1	0.020	0	0.000	0	0.000	0	0.00	3	0.09	1	0.02	0	0.00	0	0.00	1	0.02	0	0.00	0	0.00	0	0.00
9	Mubarikpur Kapsia	568	1.704	2	0.100	2	0.040	2	0.200	1	0.050	5	0.30	12	0.36	1	0.02	1	0.08	0	0.00	2	0.04	3	0.12	0	0.00	0	0.00
10	Pachon	593	1.779	0	0.000	0	0.000	2	0.200	1	0.050	5	0.30	13	0.39	1	0.02	1	0.08	0	0.00	2	0.04	1	0.04	0	0.00	0	0.00
11	Tatidandia	352	1.056	0	0.000	0	0.000	2	0.200	1	0.050	3	0.18	7	0.21	1	0.02	1	0.08	0	0.00	2	0.04	1	0.04	0	0.00	0	0.00
12	Tikari Kalan	496	1.488	1	0.050	2	0.040	2	0.200	1	0.050	6	0.36	9	0.27	2	0.03	1	0.08	0	0.00	2	0.04	1	0.04	0	0.00	0	0.00
TOTAL :		3037	9.1110	7	0.350	13	0.260	10	1.000	4	0.200	31	1.860	84	2.520	8	0.120	4	0.320	0	0.000	16	0.320	7	0.280	0	0.000	0	0.000

* Please Refer Unit Cost Table for Actual Value.

IVth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Pachon, IWMP-III				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	50	0.150	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	12	28	28	0.183		
2	Bartar Khas	178	0.534	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	17	8	8	0.477		
3	Bhatikara	275	0.825	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	25	13	13	0.750		
4	Birawar	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	8	5	5	0.162		
5	Dandesri	83	0.249	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	20	15	15	0.336		
6	Ganthari Shahpur	216	0.648	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	26	10	10	0.711		
7	Mahmoodpur	96	0.288	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	24	11	11	0.456		
8	Mau Chirayal	74	0.222	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	8	8	0.183		
9	Mubarikpur Kapsia	568	1.704	0	0.00	0	0.00	0	0.00	2	0.40	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	37	205	205	1.770		
10	Pachon	593	1.779	0	0.00	0	0.00	0	0.00	2	0.40	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	34	233	233	1.584		
11	Tatidandia	352	1.056	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	80	80	1.059		
12	Tikari Kalan	496	1.488	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	38	89	89	1.440		
TOTAL :		3037	9.1110	0	0.000	0	0.00	0	0.00	6	1.20	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0.00	0	277	705	705	9.111		

* Please Refer Unit Cost Table for Actual Value.

Vth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER										Pachon, IWMP-III		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		Chia		Quinoa		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	50	0.240	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	Bartar Khas	178	0.854	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	Bhatikara	275	1.320	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	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
5	Dandesri	83	0.398	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	Ganthari Shahpur	216	1.037	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	Mahmoodpur	96	0.461	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	Mau Chiryal	74	0.355	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	Mubarikpur Kapsia	568	2.726	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
10	Pachon	593	2.846	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
11	Tatidandia	352	1.690	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
12	Tikari Kalan	496	2.381	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 :		3037	14.5776	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

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Vth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER														Pachon, IWMP-III				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	50	0.240	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	3	0.015	4	0.008	2	0.010	0	0.000	0	0.000
2	Bartar Khas	178	0.854	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	4	0.008	4	0.020	0	0.000	0	0.000
3	Bhatikara	275	1.320	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	4	0.020	5	0.010	2	0.010	0	0.000	0	0.000
4	Birawar	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	5	0.025	2	0.004	2	0.010	0	0.000	0	0.000
5	Dandesri	83	0.398	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	4	0.020	4	0.008	2	0.010	0	0.000	0	0.000
6	Ganthari Shahpur	216	1.037	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	4	0.008	4	0.020	0	0.000	0	0.000
7	Mahmoodpur	96	0.461	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	5	0.025	5	0.010	3	0.015	0	0.000	0	0.000
8	Mau Chirayal	74	0.355	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	4	0.008	0	0.000	0	0.000	0	0.000
9	Mubarikpur Kapsia	568	2.726	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
10	Pachon	593	2.846	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	2	0.010	7	0.014	2	0.010	0	0.000	0	0.000
11	Tatidandia	352	1.690	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	2	0.004	0	0.000	0	0.000	0	0.000
12	Tikari Kalan	496	2.381	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	4	0.020	7	0.014	2	0.010	0	0.000	0	0.000
TOTAL :		3037	14.5776	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	0.180	48	0.240	54	0.108	26	0.130	0	0.000	0	0.000

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Vth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																Pachon, IWMP-III		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		
1	Agsauli	50	0.240	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	1	0.04	0	0.00	0	0.00
2	Bartar Khas	178	0.854	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
3	Bhatikara	275	1.320	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
4	Birawar	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
5	Dandesri	83	0.398	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
6	Ganthari Shahpur	216	1.037	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	1	0.04	0	0.00	0	0.00
7	Mahmoodpur	96	0.461	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
8	Mau Chiryal	74	0.355	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
9	Mubarikpur Kapsia	568	2.726	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	2	0.08	0	0.00	1	0.24
10	Pachon	593	2.846	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	1	0.24
11	Tatidandia	352	1.690	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
12	Tikari Kalan	496	2.381	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	1	0.04	0	0.00	0	0.00
TOTAL :		3037	14.5776	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	5	0.200	0	0.000	2	0.480

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Vth Year				WC WISE ACTION PLAN OF PRODUCTION SYSTEM AND MICRO-ENTERPRISES UNDER																		Pachon, IWMP-III				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		JMMB 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	50	0.240	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.20	0	0.00	0	0.00	0	0.00	0.00	0	12	20	20	0.293	
2	Bartar Khas	178	0.854	0	0.00	0	0.00	0	0.00	2	0.40	0	0.00	0	0.00	0	0.00	1	0.20	0	0.00	1	0.08	0	0.00	0.00	0	20	18	18	0.763	
3	Bhatikara	275	1.320	0	0.00	1	0.24	1	0.20	2	0.40	0	0.00	0	0.00	0	0.00	1	0.20	0	0.00	0	0.00	0	0.00	0.00	0	18	17	17	1.200	
4	Birawar	56	0.269	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.20	0	0.00	0	0.00	0	0.00	0.00	0	11	10	10	0.259	
5	Dandesri	83	0.398	0	0.00	0	0.00	0	0.00	1	0.20	0	0.00	0	0.00	0	0.00	1	0.20	0	0.00	1	0.08	0	0.00	0.00	0	14	12	12	0.538	
6	Ganthari Shahpur	216	1.037	0	0.00	1	0.24	0	0.00	2	0.40	0	0.00	0	0.00	0	0.00	1	0.20	0	0.00	1	0.08	0	0.00	0.00	0	22	19	19	1.138	
7	Mahmoodpur	96	0.461	0	0.00	0	0.00	0	0.00	2	0.40	0	0.00	0	0.00	0	0.00	1	0.20	0	0.00	1	0.08	0	0.00	0.00	0	17	15	15	0.730	
8	Mau Chirayal	74	0.355	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.20	0	0.00	1	0.08	0	0.00	0.00	0	7	5	5	0.293	
9	Mubarikpur Kapsia	568	2.726	1	0.24	1	0.24	1	0.20	2	0.40	1	0.24	1	0.20	1	0.20	1	0.20	1	0.24	1	0.08	0	0.00	0.00	0	31	141	141	2.832	
10	Pachon	593	2.846	1	0.24	1	0.24	1	0.20	1	0.20	1	0.24	1	0.20	1	0.20	1	0.20	1	0.24	1	0.08	0	0.00	0.00	0	25	167	167	2.534	
11	Tatidandia	352	1.690	0	0.00	1	0.24	1	0.20	1	0.20	0	0.00	1	0.20	1	0.20	1	0.20	1	0.24	0	0.00	0	0.00	0.00	0	13	7	7	1.694	
12	Tikari Kalan	496	2.381	0	0.00	1	0.24	1	0.20	2	0.40	1	0.24	1	0.20	1	0.20	1	0.20	1	0.24	1	0.08	0	0.00	0.00	0	27	18	18	2.304	
TOTAL :		3037	14.5776	2	0.480	6	1.440	5	1.000	15	3.00	3	0.72	4	0.80	4	0.80	12	2.40	4	0.96	8	0.64	0	0.00	0.00	0	217	449	449	14.578	

* Please Refer Unit Cost Table for Actual Value.

At A Glance		Convergence Programme Under the Component of PSME under the Project of Pachon, IWMP-III 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	50	4	0.36	4	0.32	2	0.90	3	1.05	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	21	4.21
2	Bartar Khas	178	4	0.36	4	0.32	2	0.90	3	1.05	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	21	4.21
3	Bhatikara	275	4	0.36	4	0.32	2	0.90	3	1.05	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	21	4.21
4	Birawar	56	4	0.36	4	0.32	2	0.90	3	1.05	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	21	4.21
5	Dandesri	83	4	0.36	4	0.32	2	0.90	3	1.05	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	21	4.21
6	Ganthari Shahpur	216	4	0.36	4	0.32	2	0.90	3	1.05	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	21	4.21
7	Mahmoodpur	96	4	0.36	4	0.32	2	0.90	3	1.05	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	21	4.21
8	Mau Chirayal	74	4	0.36	4	0.32	2	0.90	3	1.05	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	21	4.21
9	Mubarikpur Kapsia	568	4	0.36	4	0.32	2	0.90	3	1.05	2	0.80	2	0.04	2	0.70	2	0.04	4	0.00	4	0.00	2	0.00	2	0.00	2	0.00	33	4.21
10	Pachon	593	4	0.36	4	0.32	2	0.90	3	1.05	2	0.80	2	0.04	2	0.70	2	0.04	4	0.00	4	0.00	2	0.00	2	0.00	2	0.00	33	4.21
11	Tatidandia	352	4	0.36	4	0.32	2	0.90	3	1.05	2	0.80	2	0.04	2	0.70	2	0.04	4	0.00	4	0.00	2	0.00	2	0.00	2	0.00	33	4.21
12	Tikari Kalan	496	4	0.36	4	0.32	2	0.90	3	1.05	2	0.80	2	0.04	2	0.70	2	0.04	4	0.00	4	0.00	2	0.00	2	0.00	2	0.00	33	4.21
Total		3037	48	4.32	48	3.84	24	####	36	####	24	9.60	24	0.48	24	8.40	24	0.48	16	0.00	16	0.00	8	0.00	8	0.00	300	50.52		

IInd Year		Convergence Programme Under the Component of PSME under the Project of Pachon, IWMP-III 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	50	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
2	Bartar Khas	178	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	Bhatikara	275	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
4	Birawar	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
5	Dandesri	83	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	Ganthari Shahpur	216	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
7	Mahmoodpur	96	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
8	Mau Chirayal	74	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	Mubarikpur Kapsia	568	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
10	Pachon	593	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
11	Tatidandia	352	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
12	Tikari Kalan	496	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
	Total	3037	12	1.08	12	0.96	0	0.00	12	4.20	0	0.00	0	0.00	0	0.00	0	0.00	4	0.00	4	0.00	0	0.00	0	0.00	0	0.00	44	6.24

IIIrd Year		Convergence Programme Under the Component of PSME under the Project of Pachon, IWMP-III 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	50	1	0.09	1	0.08	1	0.45	1	0.35	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	8	1.76
2	Bartar Khas	178	1	0.09	1	0.08	1	0.45	1	0.35	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	8	1.76
3	Bhatikara	275	1	0.09	1	0.08	1	0.45	1	0.35	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	8	1.76
4	Birawar	56	1	0.09	1	0.08	1	0.45	1	0.35	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	8	1.76
5	Dandesri	83	1	0.09	1	0.08	1	0.45	1	0.35	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	8	1.76
6	Ganthari Shahpur	216	1	0.09	1	0.08	1	0.45	1	0.35	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	8	1.76
7	Mahmoodpur	96	1	0.09	1	0.08	1	0.45	1	0.35	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	8	1.76
8	Mau Chirayal	74	1	0.09	1	0.08	1	0.45	1	0.35	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	8	1.76
9	Mubarikpur Kapsia	568	1	0.09	1	0.08	1	0.45	1	0.35	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	12	1.76
10	Pachon	593	1	0.09	1	0.08	1	0.45	1	0.35	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	12	1.76
11	Tatidandia	352	1	0.09	1	0.08	1	0.45	1	0.35	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	12	1.76
12	Tikari Kalan	496	1	0.09	1	0.08	1	0.45	1	0.35	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	12	1.76
Total		3037	12	1.08	12	0.96	12	5.40	12	4.20	12	4.80	12	0.24	12	4.20	12	0.24	4	0.00	4	0.00	4	0	4	0	4	0	112	21.12

IVth Year		Convergence Programme Under the Component of PSME under the Project of Pachon, IWMP-III 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	50	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
2	Bartar Khas	178	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
3	Bhatikara	275	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
4	Birawar	56	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
5	Dandesri	83	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
6	Ganthari Shahpur	216	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
7	Mahmoodpur	96	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
8	Mau Chirayal	74	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
9	Mubarikpur Kapsia	568	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
10	Pachon	593	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
11	Tatidandia	352	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
12	Tikari Kalan	496	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
Total		3037	12	1.08	12	0.96	0	0.00	0	0.00	12	4.80	0	0.00	0	0.00	0	0.00	4	0.00	4	0.00	0	0.00	0	0.00	0	0.00	44	6.84

Vth Year		Convergence Programme Under the Component of PSME under the Project of Pachon, IWMP-III 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	50	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	7	1.36
2	Bartar Khas	178	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	7	1.36
3	Bhatikara	275	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	7	1.36
4	Birawar	56	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	7	1.36
5	Dandesri	83	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	7	1.36
6	Ganthari Shahpur	216	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	7	1.36
7	Mahmoodpur	96	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	7	1.36
8	Mau Chirayal	74	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	1	0.02	1	0.35	1	0.02	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	7	1.36
9	Mubarikpur Kapsia	568	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	1	0.02	1	0.35	1	0.02	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	11	1.36
10	Pachon	593	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	1	0.02	1	0.35	1	0.02	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	11	1.36
11	Tatidandia	352	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	1	0.02	1	0.35	1	0.02	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	11	1.36
12	Tikari Kalan	496	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	1	0.02	1	0.35	1	0.02	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	1	0.00	11	1.36
Total		3037	12	1.08	12	0.96	12	5.40	12	4.20	0	0.00	12	0.24	12	4.20	12	0.24	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	100	16.32		

Problem Thrust Area of Production System in the Project Area of		
Pachon, IWMP-III		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				
Pachon, IWMP-III		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											
Pachon, IWMP-III		District- Mannaras (Mannarayana 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	50	1.00	0.10	0.75	0.15	195	0.04	300	0.12	1.75	495	0.41
2	Bartar Khas	178	2.00	0.20	3.25	0.65	275	0.06	410	0.16	5.25	685	1.07
3	Bhatikara	275	3.50	0.35	6.00	1.20	155	0.03	245	0.10	9.50	400	1.68
4	Birawar	56	1.00	0.10	0.75	0.15	150	0.03	210	0.08	1.75	360	0.36
5	Dandesri	83	1.00	0.10	2.50	0.50	210	0.04	275	0.11	3.50	485	0.75
6	Ganthari Shahpur	216	3.25	0.33	5.25	1.05	225	0.05	430	0.17	8.50	655	1.59
7	Mahmoodpur	96	2.00	0.20	3.25	0.65	240	0.05	310	0.12	5.25	550	1.02
8	Mau Chirayal	74	1.00	0.10	0.75	0.15	195	0.04	300	0.12	1.75	495	0.41
9	Mubarikpur Kapsia	568	8.00	0.80	14.50	2.90	370	0.07	475	0.19	22.50	845	3.96
10	Pachon	593	7.50	0.75	13.00	2.60	230	0.05	380	0.15	20.50	610	3.55
11	Tatidandia	352	4.50	0.45	8.50	1.70	290	0.06	410	0.16	13.00	700	2.37
12	Tikari Kalan	496	6.25	0.63	12.00	2.40	285	0.06	360	0.14	18.25	645	3.23
Total :		3037	41.00	4.10	70.50	14.10	2820	0.56	4105	1.64	111.50	6925	20.41

IInd Year		Physical Financial Details of Land Development Activities under the Component of WDW											
Pachon, IWMP-III			District- Hathras (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	50	0.25	0.025	0.00	0.000	30	0.006	60	0.024	0.25	90	0.055
2	Bartar Khas	178	0.50	0.050	0.25	0.050	55	0.011	80	0.032	0.75	135	0.143
3	Bhatikara	275	0.50	0.050	0.75	0.150	25	0.005	50	0.020	1.25	75	0.225
4	Birawar	56	0.25	0.025	0.00	0.000	30	0.006	45	0.018	0.25	75	0.049
5	Dandesri	83	0.25	0.025	0.25	0.050	30	0.006	50	0.020	0.500	80	0.101
6	Ganthari Shahpur	216	0.25	0.025	0.75	0.150	50	0.010	70	0.028	1.00	120	0.213
7	Mahmoodpur	96	0.50	0.050	0.25	0.050	45	0.009	70	0.028	0.75	115	0.137
8	Mau Chirayal	74	0.25	0.025	0.00	0.000	30	0.006	60	0.024	0.25	90	0.055
9	Mubarikpur Kapsia	568	1.25	0.125	1.75	0.350	80	0.016	100	0.040	3.00	180	0.531
10	Pachon	593	0.75	0.075	1.75	0.350	60	0.012	95	0.038	2.50	155	0.475
11	Tatidandia	352	0.75	0.075	1.00	0.200	55	0.011	80	0.032	1.75	135	0.318
12	Tikari Kalan	496	1.00	0.100	1.50	0.300	40	0.008	60	0.024	2.50	100	0.432
Total :		3037	6.50	0.65	8.25	1.65	530	0.11	820	0.33	14.75	1350	2.73

Illrd Year		Physical Financial Detailis of Land Development Activities under the Component of WDW											
Pachon, IWMP-III		District- Hattaras (Mahanamaya 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	50	0.25	0.025	0.25	0.050	55	0.011	80	0.032	0.50	135	0.118
2	Bartar Khas	178	0.50	0.050	1.00	0.200	75	0.015	110	0.044	1.50	185	0.309
3	Bhatikara	275	1.00	0.100	1.75	0.350	45	0.009	65	0.026	2.75	110	0.485
4	Birawar	56	0.25	0.025	0.25	0.050	40	0.008	55	0.022	0.50	95	0.105
5	Dandesri	83	0.25	0.025	0.75	0.150	60	0.012	75	0.030	1.00	135	0.217
6	Ganthari Shahpur	216	1.00	0.100	1.50	0.300	60	0.012	120	0.048	2.50	180	0.460
7	Mahmoodpur	96	0.50	0.050	1.00	0.200	65	0.013	80	0.032	1.50	145	0.295
8	Mau Chirayal	74	0.25	0.025	0.25	0.050	55	0.011	80	0.032	0.50	135	0.118
9	Mubarikpur Kapsia	568	2.25	0.225	4.25	0.850	100	0.020	125	0.050	6.50	225	1.145
10	Pachon	593	2.25	0.225	3.75	0.750	60	0.012	95	0.038	6.00	155	1.025
11	Tatidandia	352	1.25	0.125	2.50	0.500	80	0.016	110	0.044	3.75	190	0.685
12	Tikari Kalan	496	1.75	0.175	3.50	0.700	85	0.017	100	0.040	5.25	185	0.932
Total :		3037	11.50	1.15	20.75	4.15	780	0.16	1095	0.44	32.25	1875	5.89

IVth Year		Physical Financial Detailis of Land Development Activities under the Component of WDW											
Pachon, IWMP-III		District- Hattaras (Manamaya 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	50	0.25	0.025	0.25	0.050	55	0.011	80	0.032	0.50	135	0.118
2	Bartar Khas	178	0.50	0.050	1.00	0.200	75	0.015	110	0.044	1.50	185	0.309
3	Bhatikara	275	1.00	0.100	1.75	0.350	45	0.009	65	0.026	2.75	110	0.485
4	Birawar	56	0.25	0.025	0.25	0.050	40	0.008	55	0.022	0.50	95	0.105
5	Dandesri	83	0.25	0.025	0.75	0.150	60	0.012	75	0.030	1.00	135	0.217
6	Ganthari Shahpur	216	1.00	0.100	1.50	0.300	60	0.012	120	0.048	2.50	180	0.460
7	Mahmoodpur	96	0.50	0.050	1.00	0.200	65	0.013	80	0.032	1.50	145	0.295
8	Mau Chirayal	74	0.25	0.025	0.25	0.050	55	0.011	80	0.032	0.50	135	0.118
9	Mubarikpur Kapsia	568	2.25	0.225	4.25	0.850	100	0.020	125	0.050	6.50	225	1.145
10	Pachon	593	2.25	0.225	3.75	0.750	60	0.012	95	0.038	6.00	155	1.025
11	Tatidandia	352	1.25	0.125	2.50	0.500	80	0.016	110	0.044	3.75	190	0.685
12	Tikari Kalan	496	1.75	0.175	3.50	0.700	85	0.017	100	0.040	5.25	185	0.932
Total :		3037	11.50	1.15	20.75	4.15	780	0.16	1095	0.44	32.25	1875	5.89

Vth Year		Physical Financial Details of Land Development Activities under the Component of WDW											
Pachon, IWMP-III			District-				Nainital (Nainital)		(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	50	0.25	0.025	0.25	0.050	55	0.011	80	0.032	0.50	135	0.118
2	Bartar Khas	178	0.50	0.050	1.00	0.200	70	0.014	110	0.044	1.50	180	0.308
3	Bhatikara	275	1.00	0.100	1.75	0.350	40	0.008	65	0.026	2.75	105	0.484
4	Birawar	56	0.25	0.025	0.25	0.050	40	0.008	55	0.022	0.50	95	0.105
5	Dandesri	83	0.25	0.025	0.75	0.150	60	0.012	75	0.030	1.00	135	0.217
6	Ganthari Shahpur	216	1.00	0.100	1.50	0.300	55	0.011	120	0.048	2.50	175	0.459
7	Mahmoodpur	96	0.50	0.050	1.00	0.200	65	0.013	80	0.032	1.50	145	0.295
8	Mau Chirayal	74	0.25	0.025	0.25	0.050	55	0.011	80	0.032	0.50	135	0.118
9	Mubarikpur Kapsia	568	2.25	0.225	4.25	0.850	90	0.018	125	0.050	6.50	215	1.143
10	Pachon	593	2.25	0.225	3.75	0.750	50	0.010	95	0.038	6.00	145	1.023
11	Tatidandia	352	1.25	0.125	2.50	0.500	75	0.015	110	0.044	3.75	185	0.684
12	Tikari Kalan	496	1.75	0.175	3.50	0.700	75	0.015	100	0.040	5.25	175	0.930
Total :		3037	11.50	1.15	20.75	4.15	730	0.15	1095	0.44	32.25	1825	5.88

Detail of Land Development Area in ha At A Glance

	Afforestation	Horticulture	Total
Block Plantation	41.00	70.50	111.50
Scattered Plantation	7.42	23.20	30.62
Total ha In Land Development	48.42	93.70	142.12

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	1128	336	1356	2820
ha	4.05	1.20	2.17	7.42
Horticulture	Mango/Bel/ Jack Fruits	Guava	Citrus & Other Fruits	
%	30	10	60	100
No. of Plants	1233	412	2460	4105
ha	12.33	2.02	8.85	23.20

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	8.25	1.4	9.65	3.86	1.158	4.63
IIIrd Year	11.50	2.05	13.55	5.42	1.626	6.50
IVth Year	11.50	2.05	13.55	5.42	1.626	6.50
Vth Year	11.50	1.92	13.42	5.368	1.6104	6.44
Total	42.75	7.42	50.17	20.068	6.0204	24.08
Vth Year	Considration of Area in ha for calculating Production Value					4.63
VI th Year						11.14
VIIth Year						17.64
Area under Horticulture including Block & Scattered Plantation						
Year	Block	Scattard	Total	Mango/Bel/ Jack Fruits	guava	citrus & others
IIInd Year	8.25	4.63	12.88	3.864	1.288	7.73
IIIrd Year	20.75	6.19	26.94	8.082	2.694	16.16
IVth Year	20.75	6.19	26.94	8.082	2.694	16.16
Vth Year	20.75	6.19	26.94	8.082	2.694	16.16
Total	70.50	23.2	93.70	28.11	9.37	56.22
Vth Year	Considration of Area in ha for calculating Production Value			3.86	1.29	7.73
VI th Year				11.95	3.98	23.89
VIIth Year				20.03	6.68	40.06

	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	212	63	255	530	312	93	375	780	312	93	375	780	292	87	351	730
ha	0.76	0.23	0.41	1.4	1.12	0.33	0.60	2.05	1.12	0.33	0.60	2.05	1.05	0.31	0.56	1.92
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	246	82	492	820	329	110	656	1095	329	110	656	1095	329	110	656	1095
ha	2.46	0.40	1.77	4.63	3.29	0.54	2.36	6.19	3.29	0.54	2.36	6.19	3.29	0.54	2.36	6.19

Year wise details of Land Development Activities At a Glance under						Pachon, IWMP-III		District- Hathras (Mahamaya 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	8.25	1.40	9.65	3.96	0.67	4.63	5.02	8.25	4.63	12.88	22.53
IIIrd Year	11.50	2.05	13.55	5.52	0.98	6.50	7.05	20.75	6.19	26.94	40.49
IVth Year	11.50	2.05	13.55	5.52	0.98	6.50	7.05	20.75	6.19	26.94	40.49
Vth Year	11.50	1.92	13.42	5.52	0.92	6.44	6.98	20.75	6.19	26.94	40.36
Total	42.75	7.42	50.17	20.52	3.56	24.08	26.09	70.50	23.20	93.70	143.87

Year wise Details of Horticulture Crops (Area in ha)					
	IInd Year	IIIrd Year	IVth Year	Vth Year	Total
Mango/Bel/ Jack Fruits	3.86	8.08	8.08	8.08	28.11
Guava	1.29	2.69	2.69	2.69	9.37
Citrus & Others	7.73	16.16	16.16	16.16	56.22
Total :-	12.88	26.94	26.94	26.94	93.70

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	3.86	0.84	3.24	48600	11.95	1.40	16.72	250800	20.03	2.45	49.06	735900	35.84
Guava	1.29	1.44	1.85	27750	3.98	2.40	9.55	143250	6.68	4.20	28.03	420450	11.95
Citrus and Other Fruits	7.73	1.44	11.12	177920	23.89	2.40	57.34	917440	40.06	4.20	168.23	2691680	71.68
Fuel and Fodder	4.63	2.16	10	20000	11.14	3.60	40.08	80160	17.64	6.30	111.13	222260	33.41
Total :	17.51	5.88		274270	50.96		123.69	1391650	84.40		356.45	4070290	152.87

		859764				3817698				10576200			
At 75% Survival	Mango	2.43	36450			12.54	188100			36.79	551850		
	Guava	1.38	20700			7.16	107400			21.02	315300		
	Citrus and Other Fruits	8.34	133440			43	688000			126.17	2018720		
	Fuel and Fodder	7.5	15000			30.06	60120			83.34	166680		
	Total :	19.65	205590			92.76	1043620			267.32	3052550		

WC Wise Planing of Contour Bund (CB) Under Project			Pachon, IWMP-III		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.
Bartar Khas	1227	0.924		0.000		0.000		0.000	1227	0.92
Bhatikara		0.000	2737	2.061		0.000		0.000	2737	2.06
Ganthari Shahpur		0.000		0.000	637	0.480		0.000	637	0.48
Mahmoodpur		0.000		0.000		0.000	1047	0.788	1047	0.79
Mubarikpur Kapsia		0.000		0.000	2488	1.873	2128	1.602	4616	3.48
Pachon	1627	1.225	3407	2.565	2185	1.645	2634	1.983	9853	7.42
Tatidandia	1386	1.044		0.000	1637	1.233		0.000	3023	2.28
Tikari Kalan		0.000	3032	2.283	2353	1.772	3312	2.494	8697	6.55
Total	4240	3.19	9176	6.910	9300	7.003	9121	6.868	31837	23.973
OUTLETS (for safe Disposal of Water)										
Nos	8	0.060	18	0.135	18	0.135	18	0.135	62	0.465
Amount @ Rs. 0.0075 lac per Outlet	0.06		0.135		0.135		0.135		0.465	

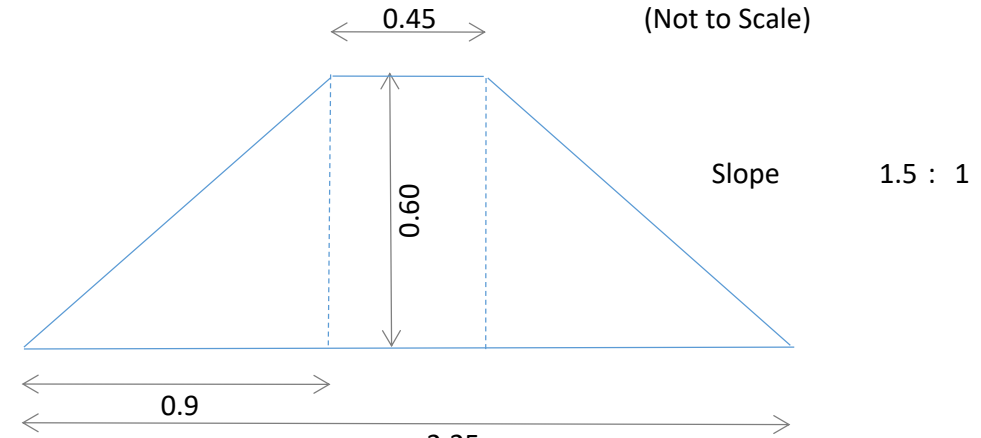
WC Wise Planing of Marginal Bund (MB) Under Project			Pachon, IWMP-III		District-		Hathras (Mahamaya Nagar)		(Phy. In rmt, Fin. In Lakhs)	
NAME of WC	IInd year		IIIrd Year		IVth Year		Vth Year		Total	
	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.	Phy.	Fin.
Bartar Khas	4234	7.913		0.000		0.000	444	0.830	4678	8.74
Ganthari Shahpur		0.000	1531	2.861	1532	2.863		0.000	3063	5.72
Mahmoodpur		0.000	627	1.172		0.000		0.000	627	1.17
Mubarikpur Kapsia		0.000	4422	8.265	4828	9.024	4542	8.489	13792	25.78
Pachon		0.000		0.000		0.000	2350	4.392	2350	4.39
Tatidandia		0.000	1580	2.953	1928	3.603		0.000	3508	6.56
Tikari Kalan		0.000	1173	2.192	1151	2.151	2237	4.181	4561	8.52
Total	4234	7.913	9333	17.443	9439	17.641	9573	17.892	32579	60.890
OUTLETS (for safe Disposal of Water)										
Nos	8	1.20	18	2.700	18	2.700	19	2.850	63	9.450
Amount @ Rs. 0.15 lac per Outlet	1.20		2.70		2.70		2.85		9.45	

WC Wise Planing of Peripheral Bund (PB) Under Project			Pachon, IWMP-III		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.
Pachon		0.00	1107	2.07	1504	2.81	990	1.85	3601	6.73
Total	0	0.00	1107	2.07	1504	2.81	990	1.85	3601	6.73
OUTLETS (for safe Disposal of Water)										
Nos	0	0.00	2	0.300	3	0.450	2	0.300	7	1.050
Amount @ Rs. 0.15 lac per Outlet	0.00		0.30		0.45		0.30		1.05	

SMC work Under IWMP FUND		Pachon, IWMP-III		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.
Agsauli		0.395		0.849		0.852		0.854	0	2.951
Birawar		0.455		0.975		0.985		0.985	0	3.400
Dandesri		0.646		0.000		0.000		0.000	0	0.646
Mau Chirayal		0.611		1.318		1.318		1.318	0	4.564
Total	0	2.1072	0	3.142	0	3.155	0	3.157	0	11.561
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.
Agsauli	525	0.395	500	0.377	442	0.333		0.000	1467	1.10
Birawar	604	0.455	218	0.164		0.000		0.000	822	0.62
Dandesri	858	0.646		0.000		0.000		0.000	858	0.65
Mau Chirayal	660	0.497		0.000		0.000		0.000	660	0.50
Total	2647	1.99	718	0.541	442	0.333	0	0.000	3807	2.867
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.
Agsauli		0.000	253	0.473		0.000		0.000	253	0.47
Birawar		0.000	434	0.811	527	0.985	527	0.985	1488	2.78
Dandesri		0.000		0.000		0.000		0.000	0	0.00
Mau Chirayal	61	0.114	705	1.3176	705	1.318	705	1.318	2176	4.07
Total	61	0.11	1392	2.602	1232	2.303	1232	2.303	3917	7.321
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.
Agsauli		0.000		0.000	278	0.520	457	0.854	735	1.37
Birawar		0.000		0.000		0.000		0.000	0	0.00
Dandesri		0.000		0.000		0.000		0.000	0	0.00
Mau Chirayal		0.000		0.000		0.000		0.000	0	0.00
Total	0	0.00	0	0.000	278	0.520	457	0.854	735	1.374

Estimate Of Contour Bund (CB)

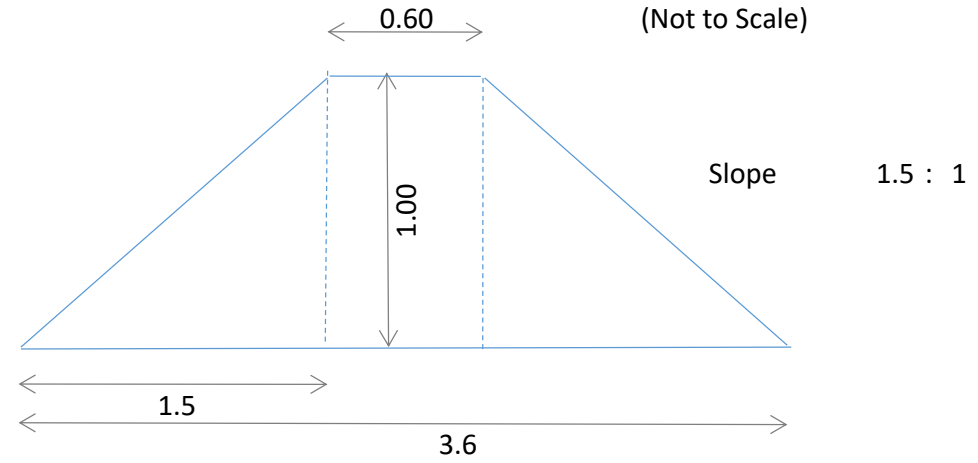
Length	1	meter
Top	0.45	meter
Base	2.25	meter
Height	0.60	meter
Side Slope	1.5 : 1	
Labour Rate Rs./day	175.00	
Labour out put in cmt.	2.85	
Rate /cmt. Rs.	61.40	
Dressing Charge	21.00	
Total Rate/cmt.	82.40	



		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)

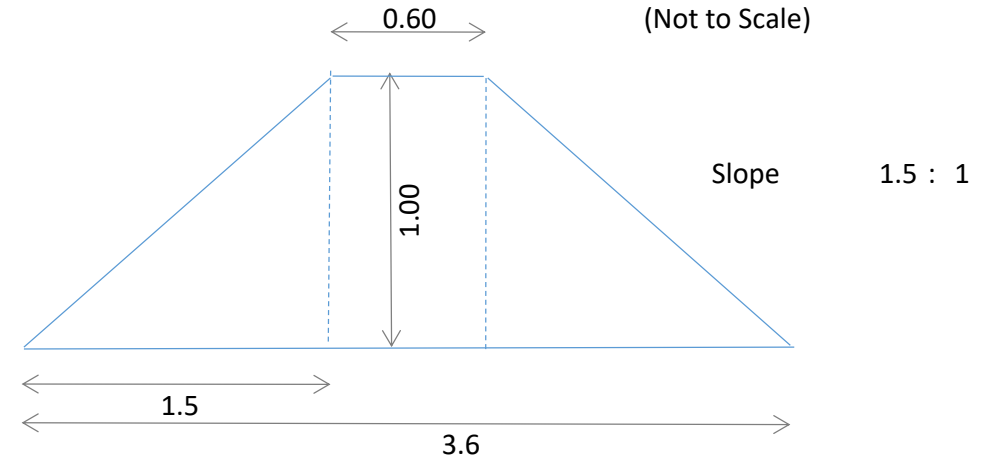
Length	1	meter
Top	0.60	meter
Base	3.60	meter
Height	1.00	meter
Side Slope	1.5 : 1	
Labour Rate Rs./day	175.00	
Labour out put in cmt.	2.85	
Rate /cmt. Rs.	61.40	
Dressing Charge	21.00	
Total Rate/cmt.	82.40	



		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

At a Glance		Year Wise Physical and Financial Annual Action Plan Of Water Harvesting Structures Under WDW														
Pachon, IWMP-III					District-		Hathras (Mahamaya Nagar)				(Phy. In No.-Fin in Lakhs)					
S. No.	Name of WC	Area	Amount	Funds Available	MCD		Pond		New Pond		Recharge structure in Abandand Well		R Pit		Total	
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.
1	Agsauli	50	3.36	2.95	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
2	Bartar Khas	178	11.96	10.89	0	0.000	4	10.743	0	0.000	0	0.000	3	0.150	7	10.89
3	Bhatikara	275	18.48	16.80	0	0.000	4	16.651	0	0.000	0	0.000	3	0.150	7	16.80
4	Birawar	56	3.76	3.40	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
5	Dandesri	83	5.58	4.83	0	0.000	3	4.180	0	0.000	0	0.000	0	0.000	3	4.18
6	Ganthari Shahpur	216	14.52	12.92	0	0.000	4	12.773	0	0.000	0	0.000	3	0.150	7	12.92
7	Mahmoodpur	96	6.45	5.43	0	0.000	4	5.429	0	0.000	0	0.000	0	0.000	4	5.43
8	Mau Chirayal	74	4.97	4.56	0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0	0.00
9	Mubarikpur Kapsia	568	38.17	34.21	0	0.000	10	33.756	0	0.000	0	0.000	9	0.450	19	34.21
10	Pachon	593	39.85	36.30	0	0.000	10	35.852	0	0.000	0	0.000	9	0.450	19	36.30
11	Tatidandia	352	23.65	21.28	0	0.000	7	20.982	0	0.000	0	0.000	6	0.300	13	21.28
12	Tikari Kalan	496	33.33	30.11	0	0.000	7	29.805	0	0.000	0	0.000	6	0.300	13	30.11
Total		3037.00	204.09	183.68	0	0.00	53	170.17	0	0.00	0	0.00	39	1.95	92	172.12

IInd Year		Year Wise Physical and Financial Annual Action Plan Of Water Harvesting Structures Under WDW														
Pachon, IWMP-III					District-				Hathras (Manamaya Nagar)				(Phy. In No.-Fin in Lakhs)			
S. No.	Name of WC	Area	Amount	Funds Available	MCD		Pond		New Pond		Recharge structure in Abandoned Well		R Pit		Total	
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.
1	Agsauli	50	0.45	0.40									0.00	0	0.00	
2	Bartar Khas	178	1.602	1.46			1	1.46					0.00	1	1.46	
3	Bhatikara	275	2.475	2.25			1	2.25					0.00	1	2.25	
4	Birawar	56	0.504	0.46									0.00	0	0.00	
5	Dandesri	83	0.747	0.65									0.00	0	0.00	
6	Ganthari Shahpur	216	1.944	1.73			1	1.73					0.00	1	1.73	
7	Mahmoodpur	96	0.864	0.73			1	0.73					0.00	1	0.73	
8	Mau Chirayal	74	0.666	0.61									0.00	0	0.00	
9	Mubarikpur Kapsia	568	5.112	4.58			1	4.58					0.00	1	4.58	
10	Pachon	593	5.337	4.86			1	4.86					0.00	1	4.86	
11	Tatidandia	352	3.168	2.85			1	2.85					0.00	1	2.85	
12	Tikari Kalan	496	4.464	4.03			1	4.03					0.00	1	4.03	
Total		3037	27.33	24.60	0	0.00	8	22.49	0	0.00	0	0.00	0	0.00	8	22.49

27.333

IIIrd Year		Year Wise Physical and Financial Annual Action Plan Of Water Harvesting Structures Under WDW														
Pachon, IWMP-III					District-				Patanas (Manamaya Nagar)					(Phy. In No.-Fin in Lakhs)		
S. No.	Name of WC	Area	Amount	Funds Available	MCD		Pond		New Pond		Recharge structure in Abandoned Well		R Pit		Total	
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.
1	Agsauli	50	0.97	0.85									0.00	0	0.00	
2	Bartar Khas	178	3.45	3.15			1	3.10					1	0.05	2	3.15
3	Bhatikara	275	5.34	4.85			1	4.80					1	0.05	2	4.85
4	Birawar	56	1.09	0.98										0.00	0	0.00
5	Dandesri	83	1.61	1.39			1	1.39						0.00	1	1.39
6	Ganthari Shahpur	216	4.19	3.73			1	3.68					1	0.05	2	3.73
7	Mahmoodpur	96	1.86	1.57			1	1.57						0.00	1	1.57
8	Mau Chirayal	74	1.44	1.32										0.00	0	0.00
9	Mubarikpur Kapsia	568	11.02	9.88			3	9.73					3	0.15	6	9.88
10	Pachon	593	11.51	10.49			3	10.34					3	0.15	6	10.49
11	Tatidandia	352	6.83	6.15			2	6.05					2	0.10	4	6.15
12	Tikari Kalan	496	9.63	8.70			2	8.60					2	0.10	4	8.70
Total		3037	58.94817	53.05	0	0.00	15	49.25	0	0.00	0	0.00	13	0.65	28	49.90

IVth Year				Year Wise Physical and Financial Annual Action Plan Of Water Harvesting Structures Under WDW												
Pachon, IWMP-III					District-		Hathras (Mahamaya Nagar)						(Phy. In No.-Fin in Lakhs)			
S. No.	Name of WC	Area	Amount	Funds Available	MCD		Pond		New Pond		Recharge structure in Abandand Well		R Pit		Total	
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.
1	Agsauli	50	0.97	0.85									0.00	0	0.00	
2	Bartar Khas	178	3.45	3.15			1	3.10					1	0.05	2	3.15
3	Bhatikara	275	5.34	4.85			1	4.80					1	0.05	2	4.85
4	Birawar	56	1.09	0.98									0.00	0	0.00	
5	Dandesri	83	1.61	1.39			1	1.39					0.00	1	1.39	
6	Ganthari Shahpur	216	4.19	3.73			1	3.68					1	0.05	2	3.73
7	Mahmoodpur	96	1.86	1.57			1	1.57					0.00	1	1.57	
8	Mau Chirayal	74	1.44	1.32									0.00	0	0.00	
9	Mubarikpur Kapsia	568	11.02	9.88			3	9.73					3	0.15	6	9.88
10	Pachon	593	11.51	10.49			3	10.34					3	0.15	6	10.49
11	Tatidandia	352	6.83	6.15			2	6.05					2	0.10	4	6.15
12	Tikari Kalan	496	9.63	8.70			2	8.60					2	0.10	4	8.70
Total		3037	58.95	53.05	0	0.00	15	49.25	0	0.00	0	0.00	13	0.65	28	49.90

Vth Year		Year Wise Physical and Financial Annual Action Plan Of Water Harvesting Structures Under WDW														
Pachon, IWMP-III					District-		Hathras (Mahamaya Nagar)					(Phy. In No.-Fin in Lakhs)				
S. No.	Name of WC	Area	Amount	Funds Available	MCD		Pond		New Pond		Recharge structure in Abandand Well		R Pit		Total	
					No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.	No.	Fin.
1	Agsauli	50	0.97	0.85									0.00	0	0.00	
2	Bartar Khas	178	3.45	3.14			1	3.09					1	0.05	2	3.14
3	Bhatikara	275	5.33	4.85			1	4.80					1	0.05	2	4.85
4	Birawar	56	1.09	0.98									0.00	0	0.00	
5	Dandesri	83	1.61	1.39			1	1.39					0.00	1	1.39	
6	Ganthari Shahpur	216	4.19	3.73			1	3.68					1	0.05	2	3.73
7	Mahmoodpur	96	1.86	1.57			1	1.57					0.00	1	1.57	
8	Mau Chirayal	74	1.43	1.32									0.00	0	0.00	
9	Mubarikpur Kapsia	568	11.01	9.86			3	9.71					3	0.15	6	9.86
10	Pachon	593	11.49	10.47			3	10.32					3	0.15	6	10.47
11	Tatidandia	352	6.82	6.14			2	6.04					2	0.10	4	6.14
12	Tikari Kalan	496	9.61	8.68			2	8.58					2	0.10	4	8.68
Total		3037	58.86	52.97	0	0.00	15	49.18	0	0.00	0	0.00	13	0.65	28	49.83

MONITORING AND EVALUATION

Monitoring (1% of the Project Cost) Rs. 3.6444 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. 3.6444 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																																		
Pachon, IWMP-III															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		SLNA
1	2B3D3a1b	Firozpur	42	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.01	0.01	0.00	0.02	0.01	0.03	0.01	0.00	0.05
2	2B3D5e1f	Tatidandia	565	0.00	0.00	0.00	0.00	0.00	0.03	0.07	0.03	0.00	0.14	0.03	0.07	0.04	0.00	0.14	0.03	0.07	0.04	0.00	0.14	0.05	0.14	0.08	0.00	0.27	0.14	0.34	0.20	0.00	0.68	
3	2B3D5e1g	Mubarikpur Kapsia	460	0.00	0.00	0.00	0.00	0.00	0.03	0.06	0.03	0.00	0.11	0.02	0.06	0.03	0.00	0.11	0.02	0.06	0.03	0.00	0.11	0.04	0.11	0.07	0.00	0.22	0.12	0.28	0.16	0.00	0.55	
4	2B3D5e2e	Pachon	599	0.00	0.00	0.00	0.00	0.00	0.04	0.07	0.04	0.00	0.14	0.03	0.07	0.04	0.00	0.14	0.03	0.07	0.04	0.00	0.14	0.06	0.14	0.09	0.00	0.29	0.15	0.36	0.21	0.00	0.72	
5	2B3D5e2f	Dandesri	486	0.00	0.00	0.00	0.00	0.00	0.03	0.06	0.03	0.00	0.12	0.02	0.06	0.03	0.00	0.12	0.02	0.06	0.03	0.00	0.12	0.05	0.12	0.07	0.00	0.23	0.12	0.29	0.17	0.00	0.58	
6	2B3D5e2g	Tikari Kalan	479	0.00	0.00	0.00	0.00	0.00	0.03	0.06	0.03	0.00	0.11	0.02	0.06	0.03	0.00	0.11	0.02	0.06	0.03	0.00	0.11	0.05	0.11	0.07	0.00	0.23	0.12	0.29	0.17	0.00	0.57	
7	2B3D5e3	Ganthari Shahpur	406	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	0.49	
Total:			3037	0.000	0.000	0.000	0.000	0.000	0.182	0.364	0.182	0.000	0.729	0.146	0.364	0.219	0.000	0.729	0.146	0.364	0.219	0.000	0.729	0.292	0.729	0.437	0.000	1.458	0.765	1.822	1.057	0.000	3.644	

Microwatershed-wise Financial Break-up of Evaluation Component (Year-wise -1% of the Project Cost) Area in ha Amount in Lakhs																																	
Pachon, IWMP-III															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	2B3D3a1b	Firozpur	42	0	0	0	0	0.00	0.015	0	0	0	0.02	0.009	0	0	0	0.01	0.009	0	0	0	0.01	0.018	0	0	0	0.02	0.05	0	0	0	0.05
2	2B3D5e1f	Tatidandia	565	0	0	0	0	0.00	0.203	0	0	0	0.20	0.119	0	0	0	0.12	0.119	0	0	0	0.12	0.237	0	0	0	0.24	0.678	0	0	0	0.68
3	2B3D5e1g	Mubarikpur Kapsia	460	0	0	0	0	0.00	0.166	0	0	0	0.17	0.097	0	0	0	0.10	0.097	0	0	0	0.10	0.193	0	0	0	0.19	0.552	0	0	0	0.55
4	2B3D5e2e	Pachon	599	0	0	0	0	0.00	0.216	0	0	0	0.22	0.126	0	0	0	0.13	0.126	0	0	0	0.13	0.252	0	0	0	0.25	0.719	0	0	0	0.72
5	2B3D5e2f	Dandesri	486	0	0	0	0	0.00	0.175	0	0	0	0.17	0.102	0	0	0	0.10	0.102	0	0	0	0.10	0.204	0	0	0	0.20	0.583	0	0	0	0.58
6	2B3D5e2g	Tikari Kalan	479	0	0	0	0	0.00	0.172	0	0	0	0.17	0.101	0	0	0	0.10	0.101	0	0	0	0.10	0.201	0	0	0	0.20	0.575	0	0	0	0.57
7	2B3D5e3	Ganthari Shahpur	406	0	0	0	0	0.00	0.146	0	0	0	0.15	0.085	0	0	0	0.09	0.085	0	0	0	0.09	0.171	0	0	0	0.17	0.487	0	0	0	0.49
Total:			3037	0.000	0.000	0.000	0.000	0.000	1.093	0.000	0.000	0.000	1.093	0.638	0.000	0.000	0.000	0.638	0.638	0.000	0.000	0.000	0.638	1.276	0.000	0.000	0.000	1.276	3.644	0.000	0.000	0.000	3.644

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 establishment 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)

Pachon, IWMP-III			District- Hathras (Mahamaya Nagar)				
S. No.	Name of WC	Area	Vth Year (3%) of the Project Cost				
			SLNA	WCDC	PIA	WC	Total
1	Agsauli	50	0.006	0.006	0.012	0.156	0.180
2	Bartar Khas	178	0.021	0.021	0.043	0.555	0.641
3	Bhatikara	275	0.033	0.033	0.066	0.858	0.990
4	Birawar	56	0.007	0.007	0.013	0.175	0.202
5	Dandesri	83	0.010	0.010	0.020	0.259	0.299
6	Ganthari Shahpur	216	0.026	0.026	0.052	0.674	0.778
7	Mahmoodpur	96	0.012	0.012	0.023	0.300	0.346
8	Mau Chirayal	74	0.009	0.009	0.018	0.231	0.266
9	Mubarikpur Kapsia	568	0.068	0.068	0.136	1.772	2.045
10	Pachon	593	0.071	0.071	0.142	1.850	2.135
11	Tatidandia	352	0.042	0.042	0.084	1.098	1.267
12	Tikari Kalan	496	0.060	0.060	0.119	1.548	1.786
Total :		3037	0.364	0.364	0.729	9.475	10.933

Details of Activities under Consolidation Plan of the Project Area of Pachon, IWMP-III District- Hathras															
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 economic	Capacity building of CBOs for post project period	Management and utilization of WDF	Intensific ation of PSME	Intensificati on of Livelihood	Total
1	Agsauli	50	0.1800	-0.0550	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	0.1800
2	Bartar Khas	178	0.6408	0.4058	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	0.6408
3	Bhatikara	275	0.9900	0.7550	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	0.9900
4	Birawar	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
5	Dandesri	83	0.2988	0.0638	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	0.2988
6	Ganthari Shahpur	216	0.7776	0.5426	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	0.7776
7	Mahmoodpur	96	0.3456	0.1106	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	0.3456
8	Mau Chirayal	74	0.2664	0.0314	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	0.2664
9	Mubarikpur Kapsia	568	2.0448	1.8098	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	2.0448
10	Pachon	593	2.1348	1.8998	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	2.1348
11	Tatidandia	352	1.2672	1.0322	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	1.2672
12	Tikari Kalan	496	1.7856	1.5506	0.0200	0.0500	0.0200	0.0100	0.0200	0.0250	0.0100	0.0100	0.0400	0.0300	1.7856
Total :		3037	10.9332	8.1132	0.2400	0.6000	0.2400	0.1200	0.2400	0.3000	0.1200	0.1200	0.4800	0.3600	10.9332

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						Pachon, IWMP-III		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.)			12	1.08	12	1.08	12	1.08	12	1.08	36	4.32	MGNAREGA	PIA/Distrct Level
	2.2	Nadep Compost Pit (in Nos.)			12	0.96	12	0.96	12	0.96	12	0.96	36	3.84		
	2.3	Cow Shelter(in Nos.)			0	0.00	12	5.40	0	0.00	12	5.40	12	10.80		
	2.4	Goat Shelter (in Nos.)			12	4.20	12	4.20	0	0.00	12	4.20	24	12.60		
	2.5	Poultry Shelter (in Nos.)			0	0.00	12	4.80	12	4.80	0	0.00	12	9.60		
	2.6	Azola Pit (in Nos.)			0	0.00	12	0.24	0	0.00	12	0.24	12	0.48		
	2.7	Fodder Through (in Nos.)			0	0.00	12	4.20	0	0.00	12	4.20	12	8.40		
	2.8	Sanjeeva Pit(in Nos.)			0	0.00	12	0.24	0	0.00	12	0.24	12	0.48		
	2.9	Micro Irrigation (in Nos.)														
	2.9.1	Sprinkler Irrigation (in Nos.)			4	0	4	0	4	0	4	0	12	0	*NHM/Deartment of Agricultur/PMKSY	PIA/Distrct Level
	2.9.2	Drip Irrigation			4	0	4	0	4	0	4	0	12	0		
	2.10	Poly House			0	0	4	0	0	0	4	0	4	0	*NHM	PIA/Distrct Level
	2.11	Agro Shed Net House			0	0	4	0	0	0	4	0	4	0		
3	SMC Work														MGNAREGA	PIA/Distrct Level
	3.1	Contour Bund (in rmt.)			4240	3.193	9176	6.910	9300	7.003	9121	6.868	31837	23.973		
	3.2	Nos. of Outlet			8	0.060	18	0.135	18	0.135	18	0.135	62	0.465		
	3.3	Marginal Bund (in rmt.)			4234	7.913	9333	17.443	9439	17.641	9573	17.892	32579	60.890		
	3.4	Nos. of Outlet			8	1.200	18	2.700	18	2.700	19	2.850	63	9.450		
	3.5	Perpheral Bund (in rmt.)			0	0.000	1107	2.069	1504	2.811	990	1.850	3601	6.730		
	3.6	Nos. of Outlet			0	0.000	2	0.300	3	0.450	2	0.300	7	1.050		
TOTAL :				0.00		18.606		55.927		42.830		51.465		168.829		
* 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 Pachon, IWMP-III 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	50.00	4	0.36	4	0.32	2	0.90	3	1.05	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	21	4.210
2	Bartar Khas	178.00	4	0.36	4	0.32	2	0.90	3	1.05	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	21	4.210
3	Bhatikara	275.00	4	0.36	4	0.32	2	0.90	3	1.05	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	21	4.210
4	Birawar	56.00	4	0.36	4	0.32	2	0.90	3	1.05	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	21	4.210
5	Dandesri	83.00	4	0.36	4	0.32	2	0.90	3	1.05	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	21	4.210
6	Ganthari Shahpur	216.00	4	0.36	4	0.32	2	0.90	3	1.05	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	21	4.210
7	Mahmoodpur	96.00	4	0.36	4	0.32	2	0.90	3	1.05	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	21	4.210
8	Mau Chirayal	74.00	4	0.36	4	0.32	2	0.90	3	1.05	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	21	4.210
9	Mubarikpur Kapsia	568.00	4	0.36	4	0.32	2	0.90	3	1.05	2	0.80	2	0.04	2	0.70	2	0.04	4	0.00	4	0.00	2	0.00	2	0.00	33	4.210		
10	Pachon	593.00	4	0.36	4	0.32	2	0.90	3	1.05	2	0.80	2	0.04	2	0.70	2	0.04	4	0.00	4	0.00	2	0.00	2	0.00	33	4.210		
11	Tatidandia	352.00	4	0.36	4	0.32	2	0.90	3	1.05	2	0.80	2	0.04	2	0.70	2	0.04	4	0.00	4	0.00	2	0.00	2	0.00	33	4.210		
12	Tikari Kalan	496.00	4	0.36	4	0.32	2	0.90	3	1.05	2	0.80	2	0.04	2	0.70	2	0.04	4	0.00	4	0.00	2	0.00	2	0.00	33	4.210		
Total		1596	48	4.32	48	3.84	24	10.80	36	12.60	24	9.60	24	0.48	24	8.40	24	0.48	16	0.00	16	0.00	8	0.00	8	0.00	300	50.52		

IInd Year		Convergence Programme Under the Component of PSME under the Project of Pachon, IWMP-III 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	50	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
2	Bartar Khas	178	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	Bhatikara	275	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
4	Birawar	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
5	Dandesri	83	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	Ganthari Shahpur	216	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
7	Mahmoodpur	96	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
8	Mau Chirayal	74	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	Mubarikpur Kapsia	568	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
10	Pachon	593	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
11	Tatidandia	352	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
12	Tikari Kalan	496	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
	Total	3037	12	1.08	12	0.96	0	0.00	12	4.20	0	0.00	0	0.00	0	0.00	0	0.00	4	0.00	4	0.00	0	0.00	0	0.00	44	6.24		

IIIrd Year		Convergence Programme Under the Component of PSME under the Project of Pachon, IWMP-III 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	50	1	0.09	1	0.08	1	0.45	1	0.35	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	8	1.76
2	Bartar Khas	178	1	0.09	1	0.08	1	0.45	1	0.35	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	8	1.76
3	Bhatikara	275	1	0.09	1	0.08	1	0.45	1	0.35	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	8	1.76
4	Birawar	56	1	0.09	1	0.08	1	0.45	1	0.35	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	8	1.76
5	Dandesri	83	1	0.09	1	0.08	1	0.45	1	0.35	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	8	1.76
6	Ganthari Shahpur	216	1	0.09	1	0.08	1	0.45	1	0.35	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	8	1.76
7	Mahmoodpur	96	1	0.09	1	0.08	1	0.45	1	0.35	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	8	1.76
8	Mau Chirayal	74	1	0.09	1	0.08	1	0.45	1	0.35	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	8	1.76
9	Mubarikpur Kapsia	568	1	0.09	1	0.08	1	0.45	1	0.35	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	12	1.76
10	Pachon	593	1	0.09	1	0.08	1	0.45	1	0.35	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	12	1.76
11	Tatidandia	352	1	0.09	1	0.08	1	0.45	1	0.35	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	12	1.76
12	Tikari Kalan	496	1	0.09	1	0.08	1	0.45	1	0.35	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	12	1.76
Total		3037	12	1.08	12	0.96	12	5.4	12	4.2	12	4.8	12	0.24	12	4.2	12	0.24	4	0	4	0	4	0	4	0	4	0	112	21.12

IVth Year		Convergence Programme Under the Component of PSME under the Project of Pachon, IWMP-III 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	50.00	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
2	Bartar Khas	178.00	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
3	Bhatikara	275.00	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
4	Birawar	56.00	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
5	Dandesri	83.00	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
6	Ganthari Shahpur	216.00	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
7	Mahmoodpur	96.00	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
8	Mau Chirayal	74.00	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
9	Mubarikpur Kapsia	568.00	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
10	Pachon	593.00	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
11	Tatidandia	352.00	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
12	Tikari Kalan	496.00	1	0.09	1	0.08	0	0.00	0	0.00	1	0.40	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	0.57
Total		3037	12	1.08	12	0.96	0	0.00	0	0.00	12	4.80	0	0.00	0	0.00	0	0.00	4	0.00	4	0.00	0	0.00	0	0.00	0	0.00	44	6.84

Vth Year		Convergence Programme Under the Component of PSME under the Project of Pachon, IWMP-III 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	50	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	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	1.36
2	Bartar Khas	178	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	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	1.36
3	Bhatikara	275	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	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	1.36
4	Birawar	56	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	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	1.36
5	Dandesri	83	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	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	1.36
6	Ganthari Shahpur	216	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	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	1.36
7	Mahmoodpur	96	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	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	1.36
8	Mau Chirayal	74	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	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	1.36
9	Mubarikpur Kapsia	568	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	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	1.36
10	Pachon	593	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	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	1.36
11	Tatidandia	352	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	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	1.36
12	Tikari Kalan	496	1	0.09	1	0.08	1	0.45	1	0.35	0	0.00	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	1.36
Total		3037	12	1.08	12	0.96	12	5.40	12	4.20	0	0.00	12	0.24	12	4.20	12	0.24	4	0.00	4	0.00	4	0.00	4	0.00	4	0.00	100	16.32

WC Wise Planing of Contour Bund (CB) Under Project			Pachon, IWMP-III		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.
Bartar Khas	1227	0.924	0	0.000	0	0.000	0	0.000	1227	0.924
Bhatikara	0	0.000	2737	2.061	0	0.000	0	0.000	2737	2.061
Ganthari Shahpur	0	0.000	0	0.000	637	0.480	0	0.000	637	0.480
Mahmoodpur	0	0.000	0	0.000	0	0.000	1047	0.788	1047	0.788
Mubarikpur Kapsia	0	0.000	0	0.000	2488	1.873	2128	1.602	4616	3.476
Pachon	1627	1.225	3407	2.565	2185	1.645	2634	1.983	9853	7.419
Tatidandia	1386	1.044	0	0.000	1637	1.233	0	0.000	3023	2.276
Tikari Kalan	0	0.000	3032	2.283	2353	1.772	3312	2.494	8697	6.549
Total	4240	3.19	9176	6.910	9300	7.003	9121	6.868	31837	23.973
OUTLETS (for safe Disposal of Water)										
Nos	8	0.060	18	0.135	18	0.135	18	0.135	62	0.465
Amount @ Rs. 0.0075 lac per Outlet	0.06		0.135		0.135		0.135		0.465	

WC Wise Planing of Marginal Bund (MB) Under Project			Pachon, IWMP-III		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.
Bartar Khas	4234	7.913	0	0.000	0	0.000	444	0.830	4678	8.743
Ganthari Shahpur	0	0.000	1531	2.861	1532	2.863	0	0.000	3063	5.725
Mahmoodpur	0	0.000	627	1.172	0	0.000	0	0.000	627	1.172
Mubarikpur Kapsia	0	0.000	4422	8.265	4828	9.024	4542	8.489	13792	25.777
Pachon	0	0.000	0	0.000	0	0.000	2350	4.392	2350	4.392
Tatidandia	0	0.000	1580	2.953	1928	3.603	0	0.000	3508	6.556
Tikari Kalan	0	0.000	1173	2.192	1151	2.151	2237	4.181	4561	8.525
Total	4234	7.913	9333	17.443	9439	17.641	9573	17.892	32579	60.890
OUTLETS (for safe Disposal of Water)										
Nos	8	1.20	18	2.700	18	2.700	19	2.850	63	9.450
Amount @ Rs. 0.15 lac per Outlet	1.20		2.70		2.70		2.85		9.45	

WC Wise Planing of Peripheral Bund (PB) Under Project				Pachon, IWMP-III		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.	
Pachon	0	0.000	1107	2.069	1504	2.811	990	1.850	3601	6.730	
Total	0	0.00	1107	2.07	1504	2.81	990	1.85	3601	6.730	
OUTLETS (for safe Disposal of Water)											
Nos	0	0.00	2	0.300	3	0.450	2	0.300	7	1.050	
Amount @ Rs. 0.15 lac per Outlet	0.00		0.30		0.45		0.30		1.05		

Abstract of Expected Outcomes in the Project Area		Pachon, IWMP-III		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			53	
4	Availability of water	months.	4-5	5-6	
5	Storage Capacity	ham	N.A.	30.26	
6	Area brought under Supplementary Irrigation in ha				
6.1	@ 5.0cm * 2 Irrigation/ha	ha	-	151.30	
6.2	@ 7.5cm * 2 Irrigation/ha	ha	-	100.87	
7	Availability of drinking water	ha	Sufficient	Sufficient	
8	Increase in irrigation potential @ 50% of storage Capacity	ha	N.A.	15.13	
9	Area under agricultural crop	ham			
9.1	Area under single crop	ha	1759.22	1377.00	
9.2	Area under double crop	ha	991.89	1330.00	
9.3	Area under multiple crop	ha	0.00	73.00	
9.4	Cropping Intensity	%	123.25	140.13	
9.5	B:C Ratio		1.54	2.27	
10	Increase in area under Afforestation	ha	215.15	26.09	
11	Increase in area under horticulture	ha	38.97	24.08	
12	Increase in area under fodder	ha	138.27	93.70	
13	Increase in area under vegetation	ha	392.40	143.87	
14	Increase in milk production	in Ltr	0.105	0.185	
15	Increase in no. of livelihoods	in no.	-	535	

Abstract of Expected Outcomes in the Project Area		Pachon, IWMP-III		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.	17200	23500	
16	For Farmers	In Rs.	22300	31600	
17	Change in Migration Status	in Rs.	15402	10781	
18	No. of SHGs	no	0	107	
19	No. of SHGs Linkage	no.	0	107	
20	SHG Federations	no.	0	12	
21	Credit Institutions	no.			
22	Backward/Farward Linkage Established	no.	0	12	
23	No. of Assett Created	no.	N.A.	53	
24	NPV of Net Benefit at 15% discounted Factor	In Rs.		12093434.58	
25	Actual Benefit @ 15% Discounted Value		-	1.36	
26	IRR	in %	-	29.10	

Mandays Generated		
SMC (Through Convergence)	Total Amount/175	52339
Sub Total		52339
Through IWMP Fund :-		
Land Development	60% of Total Amount /175	6996
WHS	(Amount of Dressing + Sodding)/175	
Sub Total		6996
Self Employment :-		
Through SHGs	No. of SHG * 10 *150	160500
Through Micro Enterprises	No. of ME * 5 *180	63900
Through use of Farm Machinery	No. of Machine * 30	4650
Sub Total		229050
Total		288385

CATEGORY WISE MANDAYS GENERATED in Nos.				No. of person employed			
GEN	SC	Total	WOMEN	GEN	SC	Total	WOMEN
60%	40%	100%	35%				
31403	20936	52339	18318	315	210	525	184
4197	2798	6995	2448	42	28	70	25
0	0	0	0	0	0	0	0
4197	2798	6995	2448	42	28	70	25
96300	64200	160500	56175	642	428	1070	562
38340	25560	63900	22365	213	142	355	224
2790	1860	4650	1627	93	62	155	17
137430	91620	229050	80167	948	632	1580	802
173030	115354	288384	100933	1305	870	2175	1011

Production, Productivity, Investment Cost, BC and Cropping Intensity of Major Crops under										
Pachon, IWMP-III				District:	Hathras (Mahamaya Nagar)		Net Cultivable Area :		3037.00 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	569.00	16.00	9104.00	7000	3983000	1000	9104000	5121000	1.29
2	Bajra	184.00	5.00	920.00	3000	552000	1400	1288000	736000	1.33
3	Maiz	134.00	9.00	1206.00	4500	603000	1100	1326600	723600	1.20
4	Arhar	215.00	3.25	698.75	5000	1075000	4000	2795000	1720000	1.60
5	Urd/Moong	246.00	3.00	738.00	5000	1230000	4000	2952000	1722000	1.40
6	Chia	0.00	0.00	0.00	0	0	0	0	0	0.00
7	Vegetable	69.00	40.00	2760.00	8000	552000	500	1380000	828000	1.50
8	Fodder	45.00	150.00	6750.00	6000	270000	100	675000	405000	1.50
9	Others	74.00	7.75	573.50	5000	370000	1500	860250	490250	1.33
Sub Total A		1536				8635000.00		20380850.00	11745850.00	1.36
B	Rabi									
1	Wheat	960.00	16.25	15600.00	7000	6720000	1200	18720000	12000000	1.79
2	Mustard	309.00	3.00	927.00	2500	772500	2200	2039400	1266900	1.64
3	Lentil	331.00	3.25	1075.75	4500	1489500	3500	3765125	2275625	1.53
4	Field pea	331.00	9.00	2979.00	5500	1820500	1500	4468500	2648000	1.45
5	Quinoa	0.00	0.00	0.00	0	0	0	0	0	0.00
6	Vegetable	105.00	45.00	4725.00	8000	840000	500	2362500	1522500	1.81
7	Fodder	66.00	160.00	10560.00	6000	396000	100	1056000	660000	1.67
8	Others	105.00	8.00	840.00	5000	525000	1500	1260000	735000	1.40
Sub Total B		2207.00				12563500.00		33671525.00	21108025.00	1.68
C	Zaid	0.00	0.00	0.00	0	0	0	0	0	0.00
Gross Area		3743.00				21198500.00		67343050.00	32853875.00	1.55
Cropping Intensity				123.25 %						

Production, Productivity, Investment Cost, BC and Cropping Intensity of Major Crops under										
Pachon, IWMP-III				District:	Hathras (Mahamaya Nagar)		Net Cultivable Area :		3037.00 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	517.00	20.50	10598.50	9000	4653000	1400	14837900	10184900	2.19
2	Bajra	226.00	5.00	1130.00	5000	1130000	1600	1808000	678000	0.60
3	Maiz	172.00	14.50	2494.00	7500	1290000	1450	3616300	2326300	1.80
4	Arhar	267.00	5.75	1535.25	7000	1869000	4500	6908625	5039625	2.70
5	Urd/Moong	287.00	5.25	1506.75	7000	2009000	4800	7232400	5223400	2.60
6	Chia	9.00	2.50	22.50	4800	43200	7200	162000	118800	2.75
7	Vegetable	83.00	75.00	6225.00	10000	830000	700	4357500	3527500	4.25
8	Fodder	57.00	230.00	13110.00	9000	513000	120	1573200	1060200	2.07
9	Others	90.00	12.50	1125.00	7500	675000	1700	1912500	1237500	1.83
Sub Total A		1708.00				13012200.00		42408425.00	29396225.00	2.26
B	Rabi									
1	Wheat	1125.00	21.00	23625.00	9000	10125000	1600	37800000	27675000	2.73
2	Mustard	373.00	5.75	2144.75	6500	2424500	3400	7292150	4867650	2.01
3	Lentil	277.00	5.25	1454.25	6000	1662000	3500	5089875	3427875	2.06
4	Field pea	325.00	14.00	4550.00	7000	2275000	1800	8190000	5915000	2.60
5	Quinoa	13.00	12.50	162.50	8000	104000	6000	975000	871000	8.38
6	Vegetable	133.00	75.00	9975.00	10000	1330000	500	4987500	3657500	2.75
7	Fodder	95.00	200.00	19000.00	8000	760000	140	2660000	1900000	2.50
8	Others	134.00	12.00	1608.00	7000	938000	1700	2733600	1795600	1.91
Sub Total B		2475.00				19618500.00		69728125.00	50109625.00	2.55
C	Zaid	73.00	9.00	657.00	5000	365000	1800	1182600	817600	2.24
Gross Area		4256.00				32995700.00		70910725.00	80323450.00	2.43
Cropping Intensity				140.13 %						

Production, Productivity, Investment Cost, BC and Cropping Intensity of Major Crops under							
Pachon, IWMP-III		District:	Hathras (Mahamaya Nagar)	Net Cultivable Area :		3037.00 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	1759.22	1	1759.22	Area under Single Crop	1377.00	1	1377.00
Area under Double Crop	991.89	2	1983.78	Area under Double Crop	1330.00	2	2660.00
Area under Multiple Crop	0.00	3	0.00	Area under Multiple Crop	73.00	3	219.00
Total :			3743.00	Total :			4256.00
Cropping Intensity %		123.25		Cropping Intensity %		140.13	

Year wise Projected Benefit from Various Component under Project Area					
Pachon, IWMP-III		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	827283.00	8230295.00	2015725.00	11073303.00
4	0.00	1103044.00	10973726.00	2687634.00	14764404.00
5	205590.00	1378805.00	13717158.00	3359542.00	18661095.00
6	1043620.00	1654566.00	16460590.00	4031450.00	23190226.00
7	3052550.00	1930327.00	19204021.00	4703359.00	28890257.00
Total	4301760.00	6894025.00	68585790.00	16797710.00	96579285.00

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
			6894025		68585790		16797710		92277525
1	1	0	0		0		0		0
2	2	0	0		0		0		0
3	3	12	827283		8230295		2015725		11073303
4	4	16	1103044		10973726		2687634		14764404
5	5	20	1378805		13717158		3359542		18455505
6	6	24	1654566		16460590		4031450		22146606
7	7	28	1930327		19204021		4703359		25837707
	Total	100	6894025		68585790		16797710		92277525

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	2186640			2186640.00	0.00	-2186640	0.870	-1902376.8
2	5102160	1860606.60		6962766.60	0.00	-6962766.60	0.756	-5263851.55
3	9111000	5592688.80		14703688.80	11073303.00	-3630385.80	0.658	-2388793.86
4	9111000	4283036.70		13394036.70	14764404.00	1370367.30	0.572	783850.10
5	10933200	5146536.00		16079736.00	18661095.00	2581359.00	0.497	1282935.42
6	0.00		1607974.00	1607974.00	23190226.00	21582252.00	0.432	9323532.86
7	0.00		1607974.00	1607974.00	28890257.00	27282283.00	0.376	10258138.41
	36444000.00	16882868.10	3215948.00	56542816.10	96579285.00	40036468.90		12093434.58

Calculation of B : C Ratio					
Year	Total Cost	Benefit	Discounted Factor @ 15%	Actual Cost @ 15% Discounted Value	Actual Benefit @ 15% Discounted Value
1	2186640.00	0.00	0.870	1902376.80	0.00
2	6962766.60	0.00	0.756	5263851.55	0.00
3	14703688.80	11073303.00	0.658	9675027.23	7286233.37
4	13394036.70	14764404.00	0.572	7661388.99	8445239.09
5	16079736.00	18661095.00	0.497	7991628.79	9274564.22
6	1607974.00	23190226.00	0.432	694644.77	10018177.63
7	1607974.00	28890257.00	0.376	604598.22	10862736.63
				33793516.36	45886950.94
				B : C	1.36

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	2186640.00	0.00	0.00	2186640.00	0.00	-2186640.00	0.893	-1952669.52	0.870	-1902376.80	0.833	-1821471.12	0.800	-1749312.00	0.769	-1501602.86
2	5102160.00	1860606.60	0.00	6962766.60	0.00	-6962766.60	0.797	-5549324.98	0.756	-5263851.55	0.694	-4832160.02	0.640	-4456170.62	0.592	-3285200.39
3	9111000.00	5592688.80	0.00	14703688.80	11073303.00	-3630385.80	0.712	-2584834.69	0.658	-2388793.86	0.579	-2101993.38	0.512	-1858757.53	0.455	-1176099.78
4	9111000.00	4283036.70	0.00	13394036.70	14764404.00	1370367.30	0.636	871553.60	0.572	783850.10	0.482	660517.04	0.410	561850.59	0.350	305043.76
5	10933200.00	5146536.00	0.00	16079736.00	18661095.00	2581359.00	0.567	1463630.55	0.497	1282935.42	0.402	1037706.32	0.328	846685.75	0.269	393716.62
6	0.00	0.00	1607974.00	1607974.00	23190226.00	21582252.00	0.507	10942201.76	0.432	9323532.86	0.335	7230054.42	0.262	5654550.02	0.207	2265035.77
7	0.00	0.00	1607974.00	1607974.00	28890257.00	27282283.00	0.452	12331591.92	0.376	10258138.41	0.279	7611756.96	0.210	5729279.43	0.159	1960723.11
	36444000.00	16882868.10	3215948.00	56542816.10	96579285.00	40036468.90		15522148.65		12093434.58		7784410.22		4728125.65		-1038383.77

$$\text{IRR} \% = 25 + \frac{4728125.65 / ((4728125.65 + (-1038383.77)))^{(30-25)}}{25} = 29.10$$

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.

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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%	0.7142
	General	10%	0.6122
SMC Wok Through Convergence	-	-	-
Farming System	SC/ST	10%	1.4578
	General	20%	4.3733
User Charges as applicable on WHS Work fixed by user group on the basis of mutual concent for providing Supplementary Irrigation.		-	-
Total :			7.1574

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:

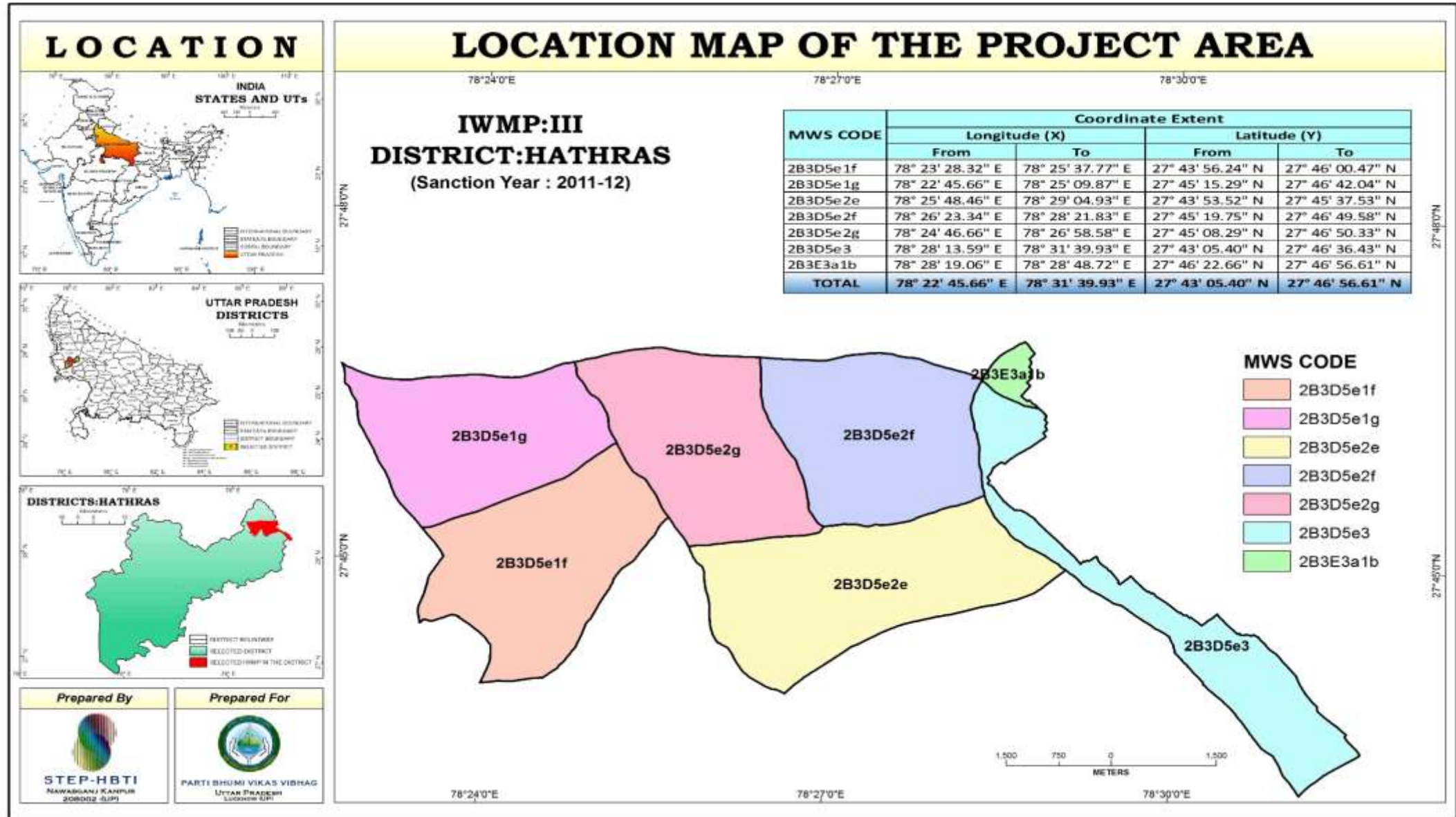
1. Meeting Register
2. Fund received Register
3. Bank Pass Book Register
4. Internal Lending/Loan Register
5. Savings Book Register
6. Seed Money Distribution & Recovery Register
7. Training Register
8. Composit Loan/Grant-in-aid Register

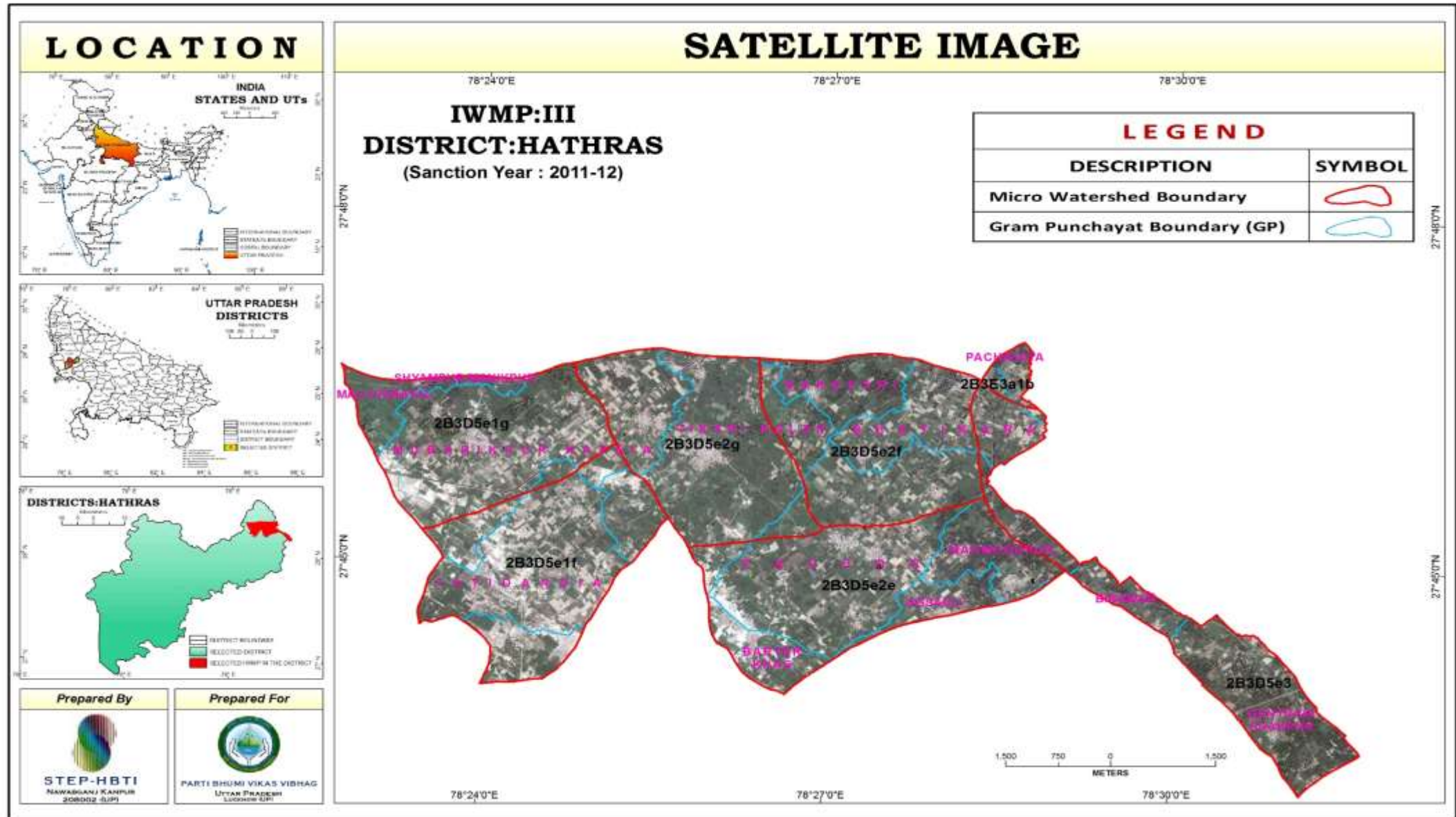
OR Any other Records/Register prescribed by the SLNA/DoLR from time to time

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			
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



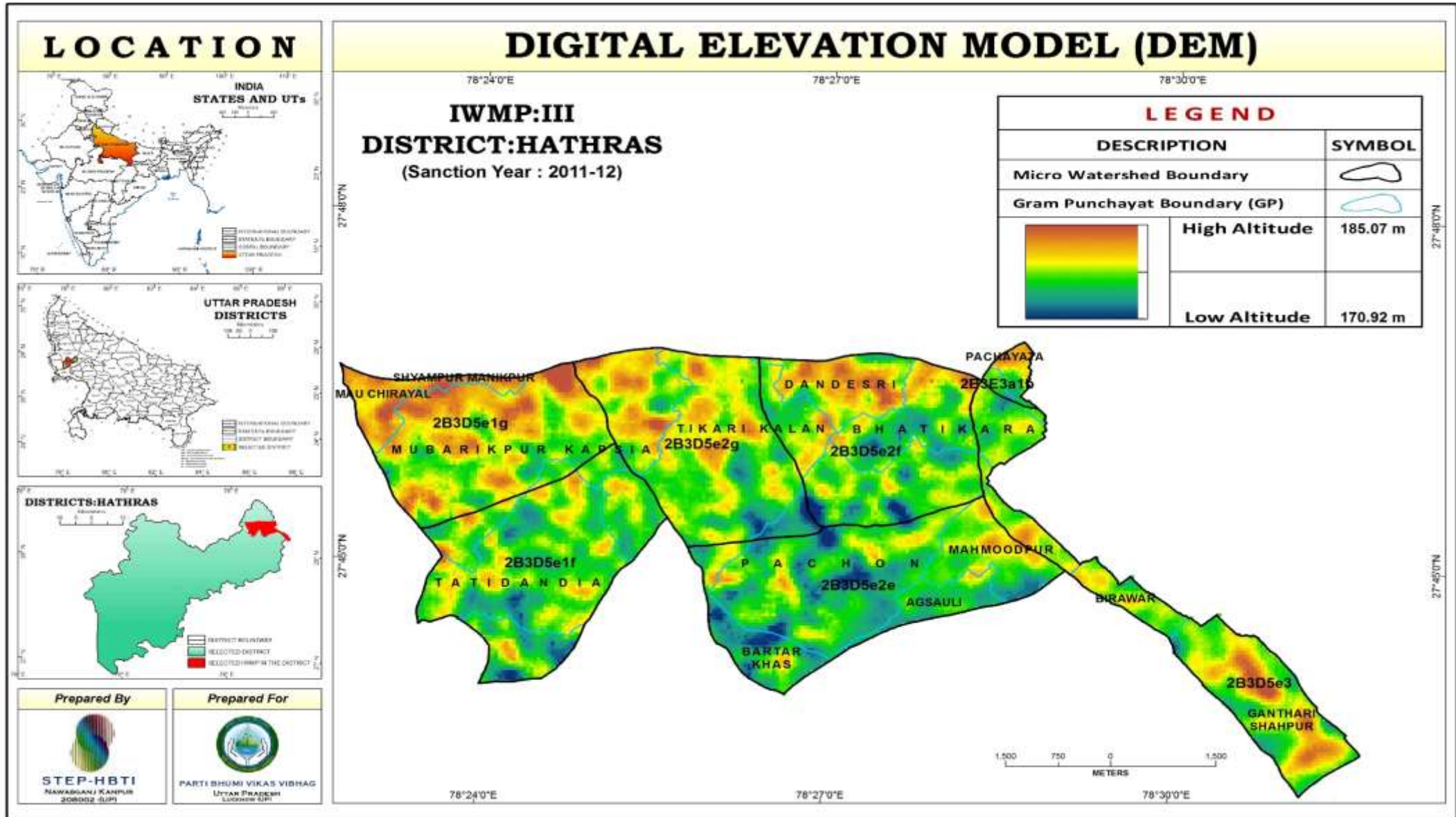


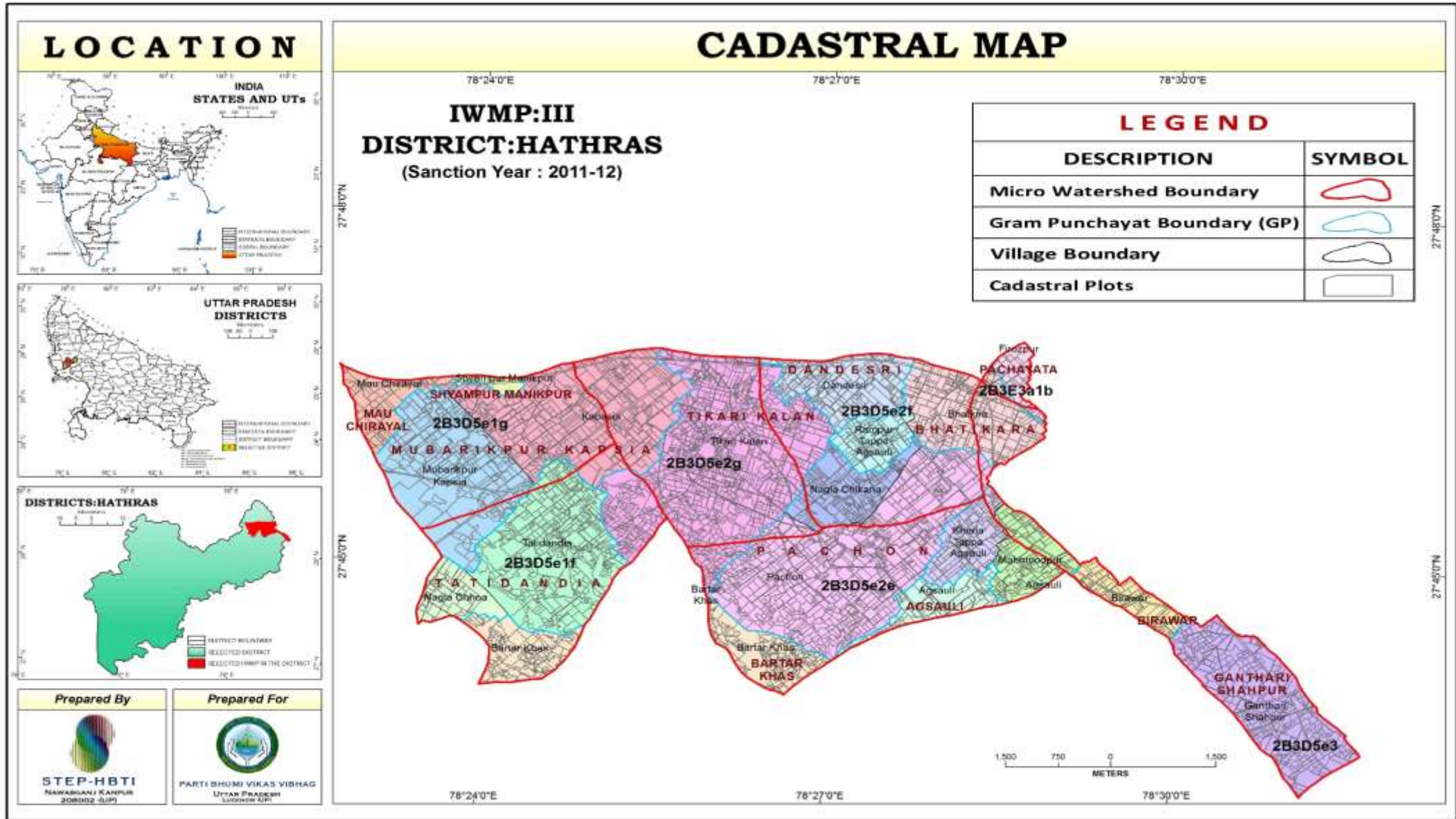
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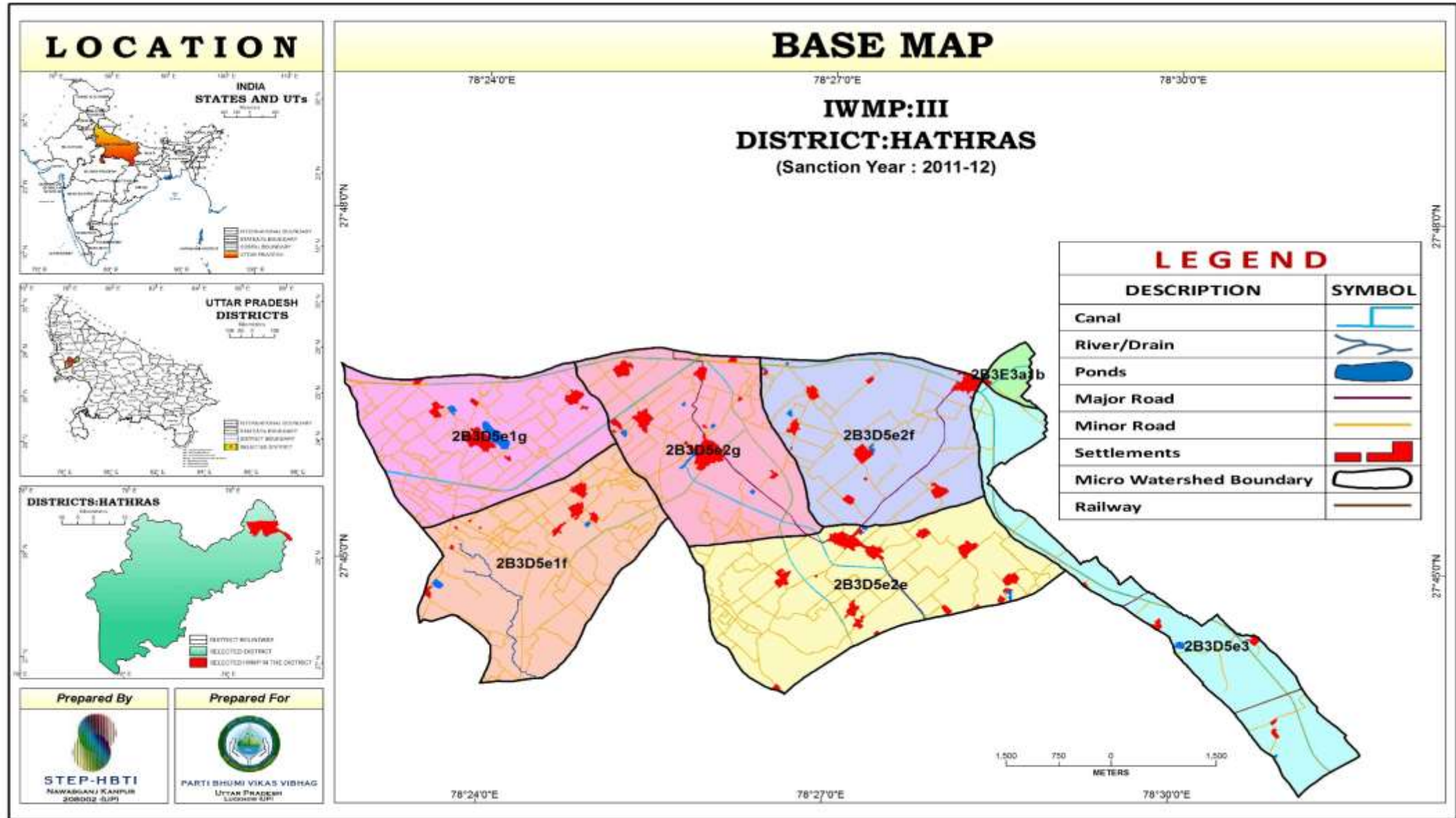
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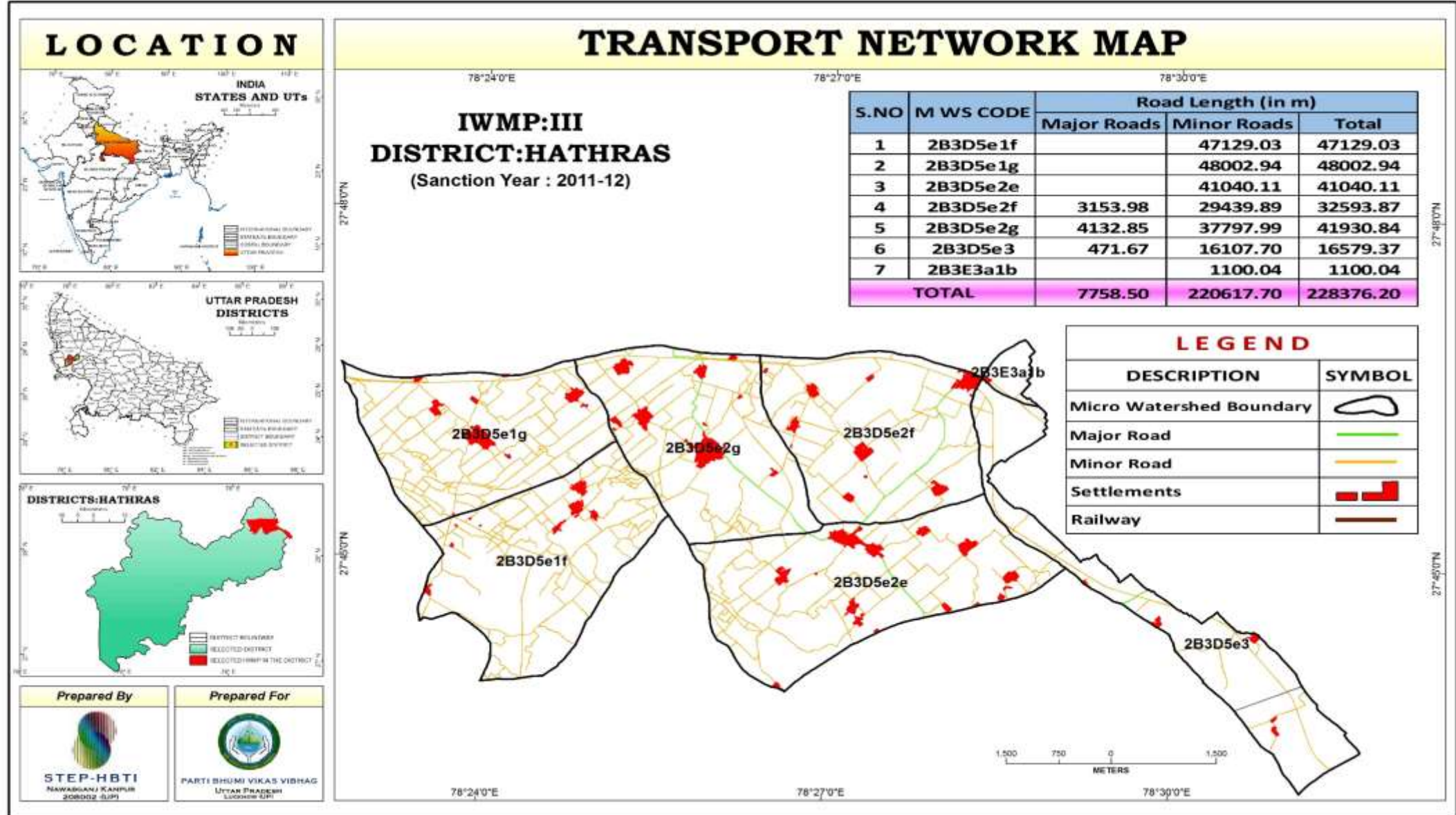
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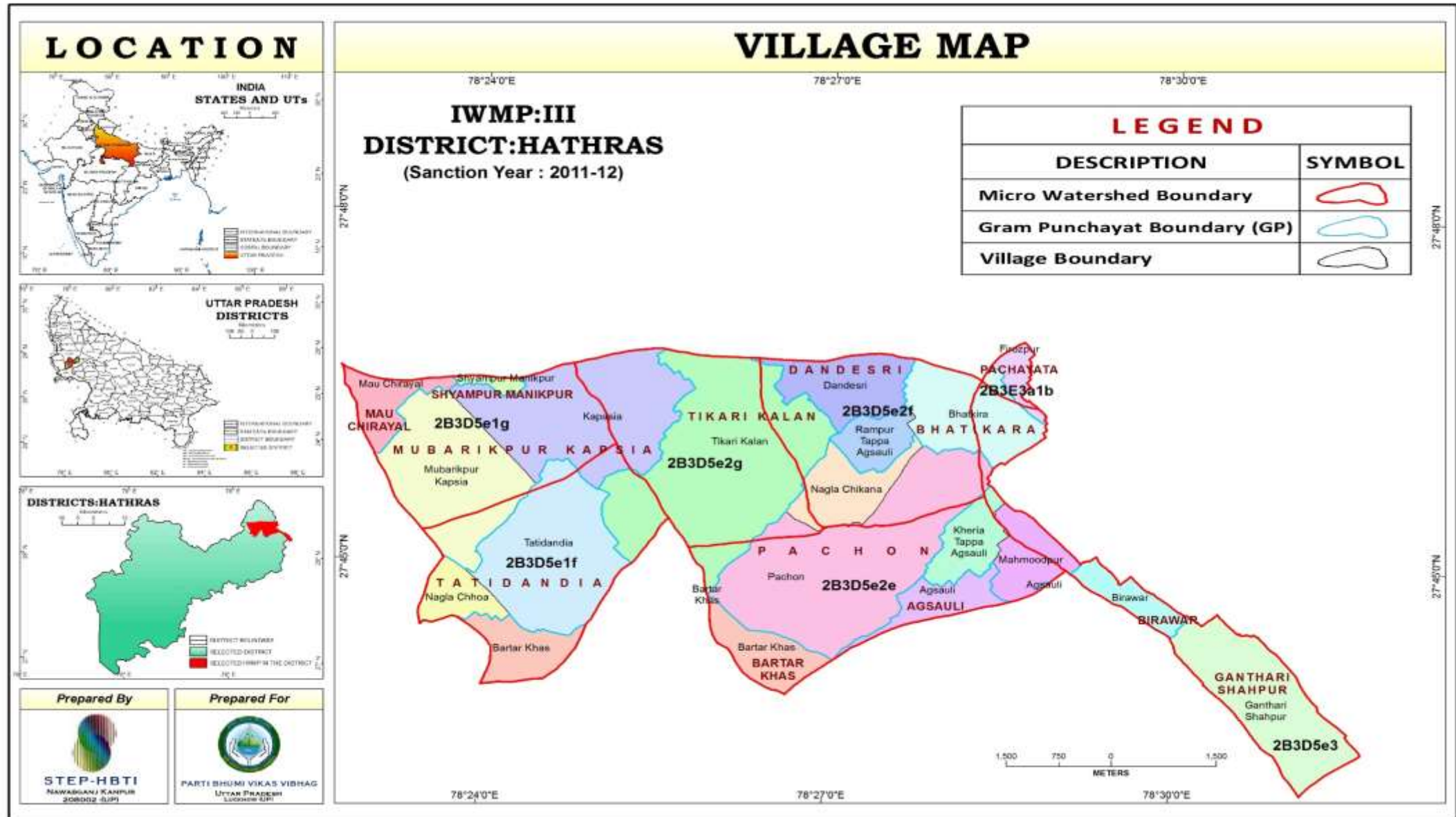


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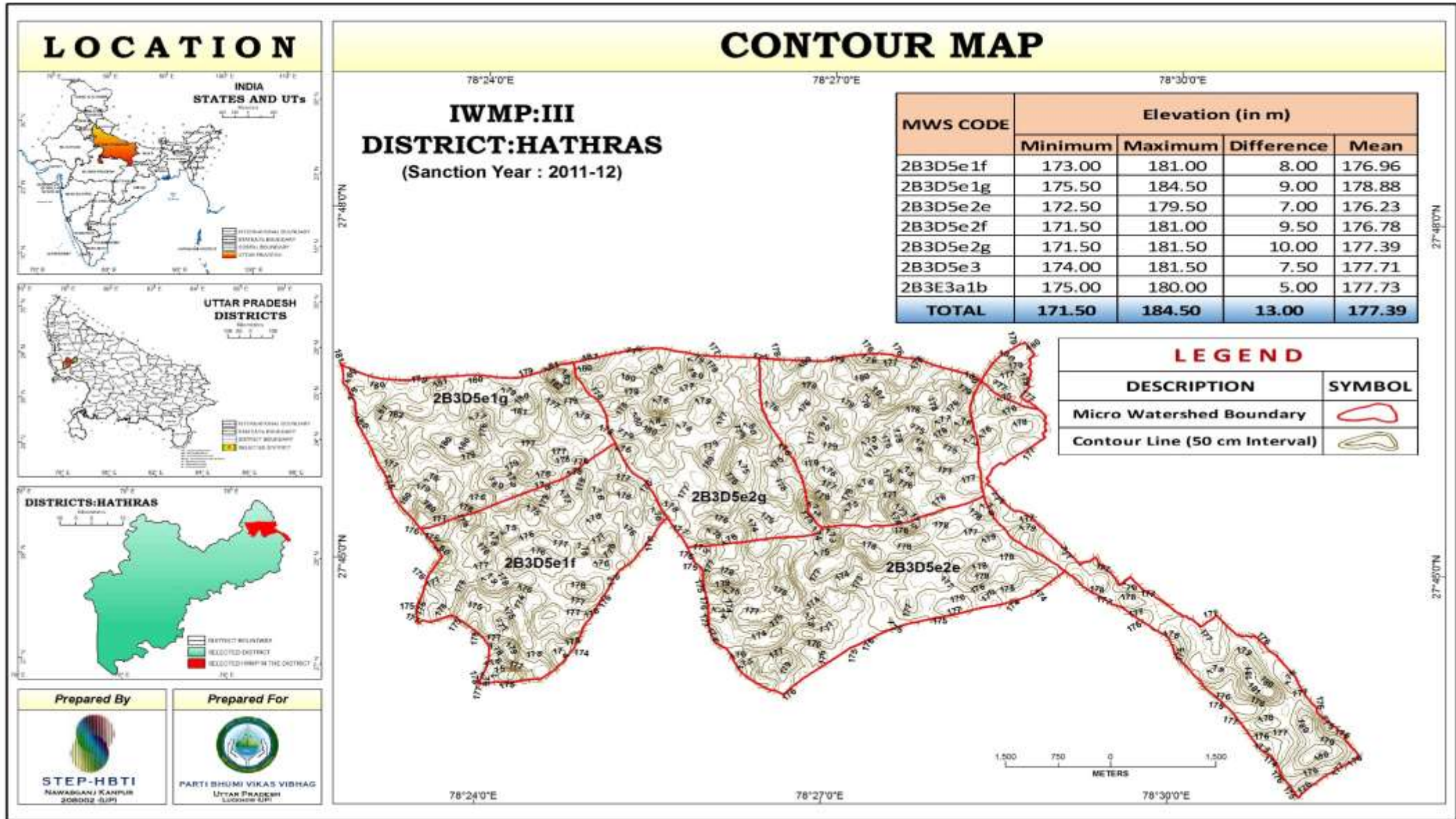


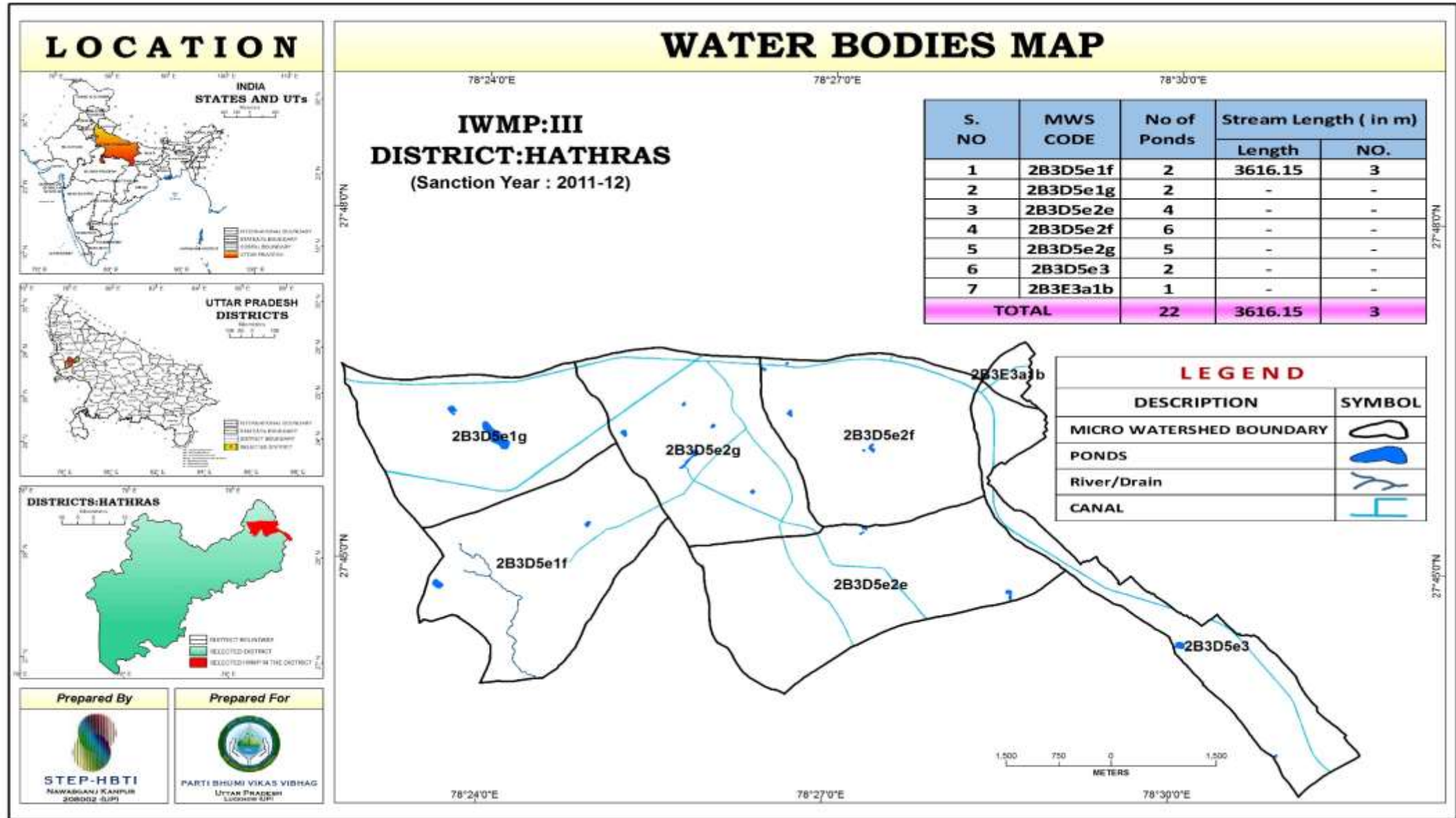
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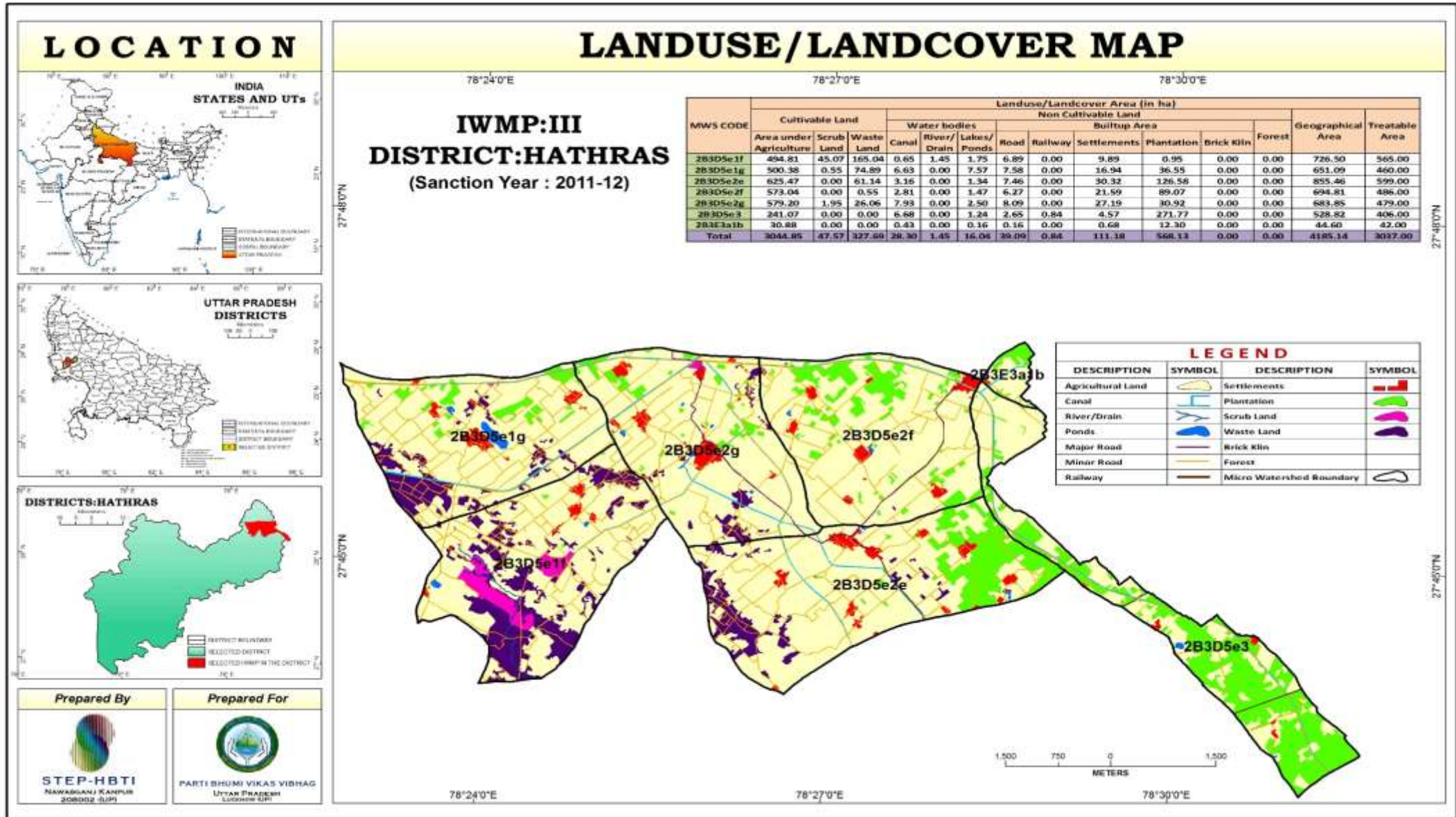


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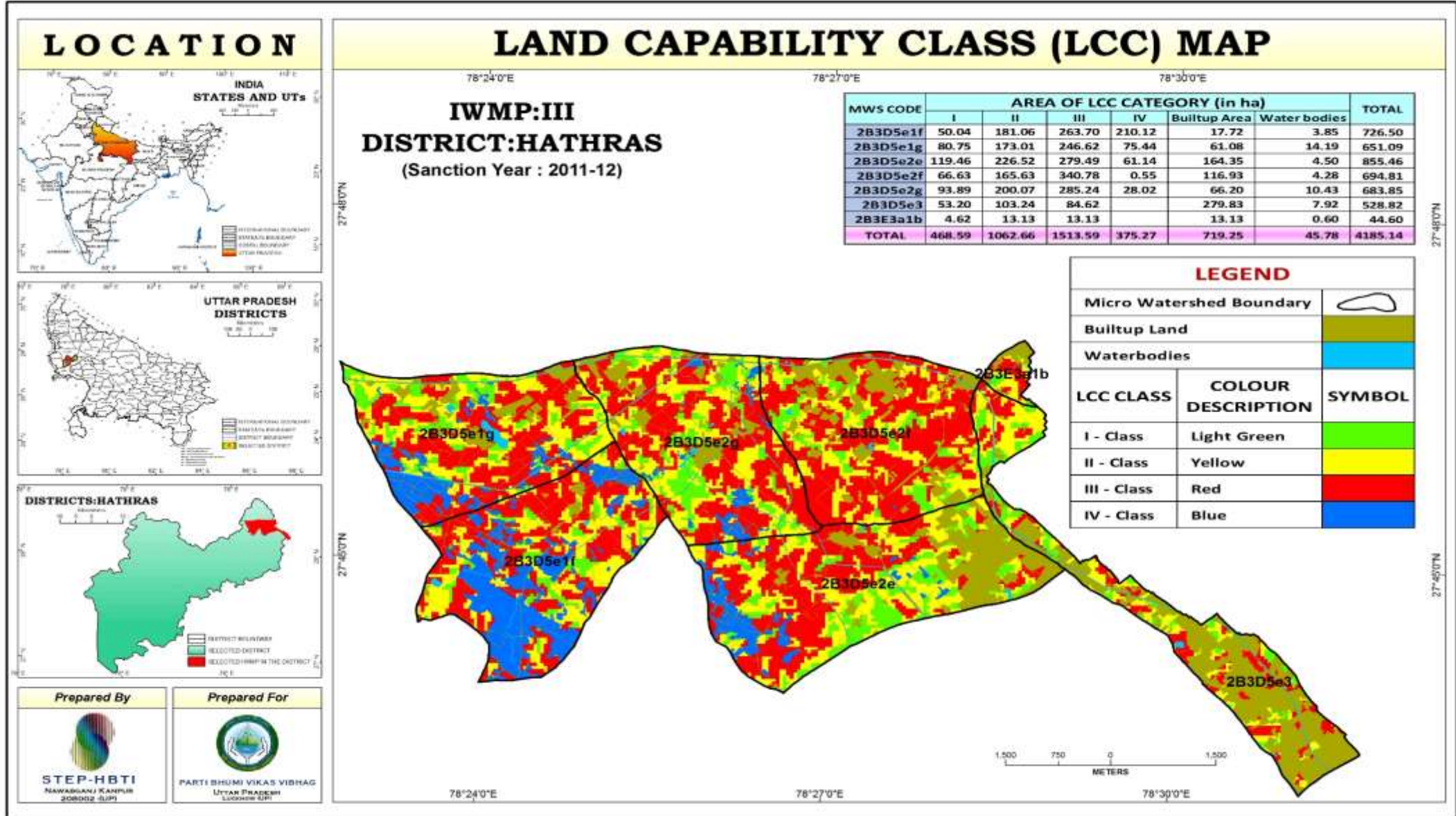
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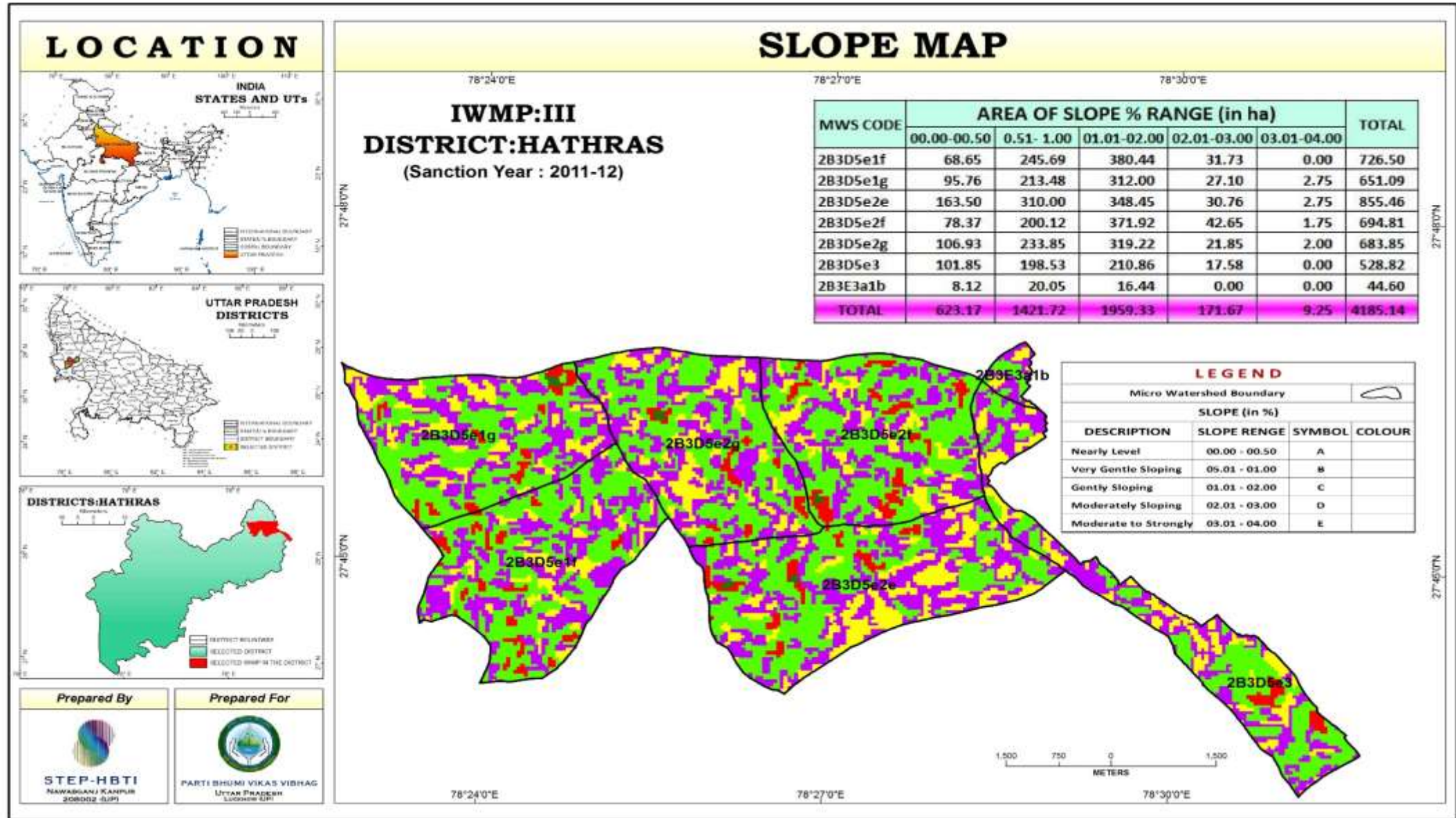
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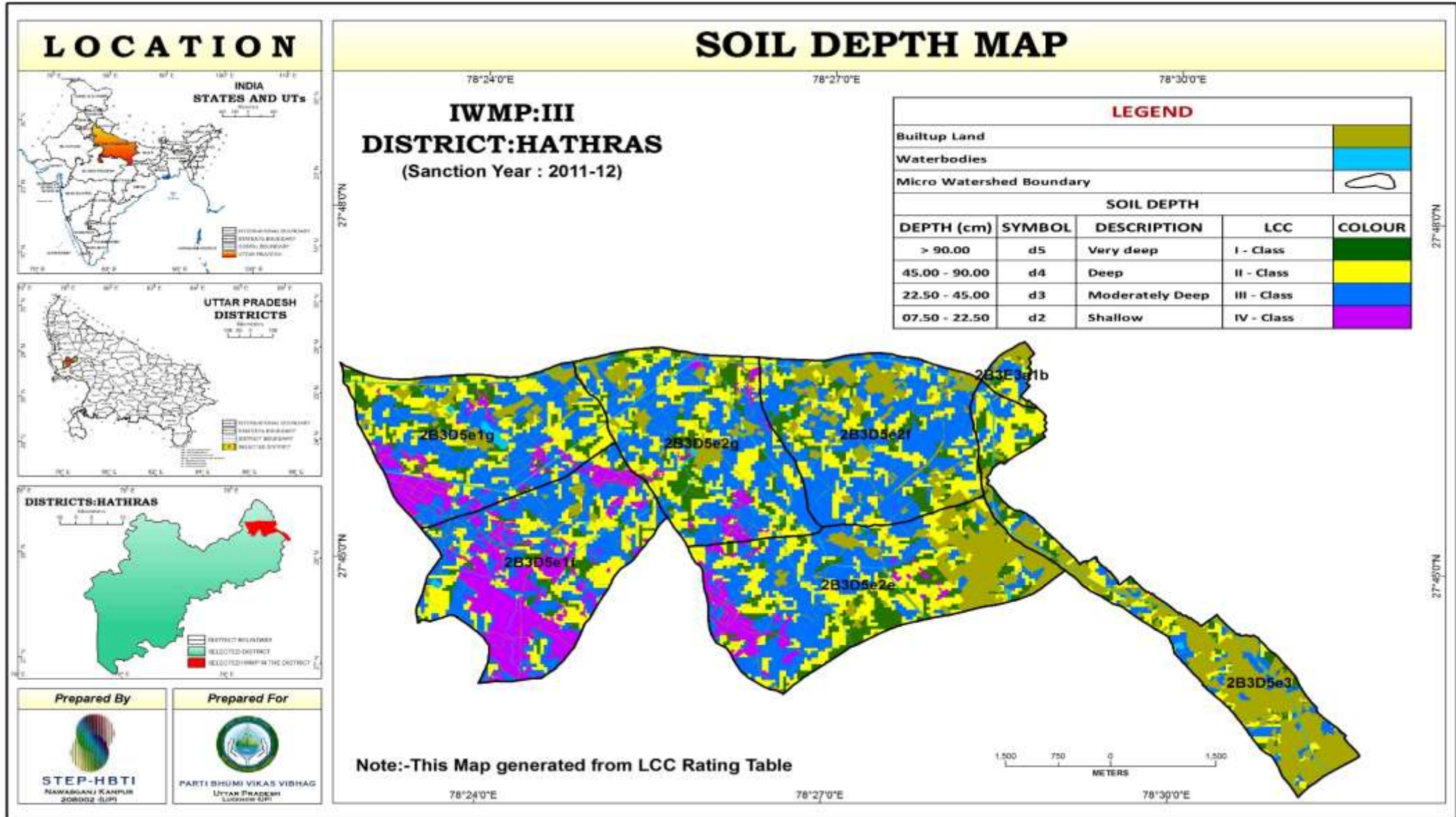
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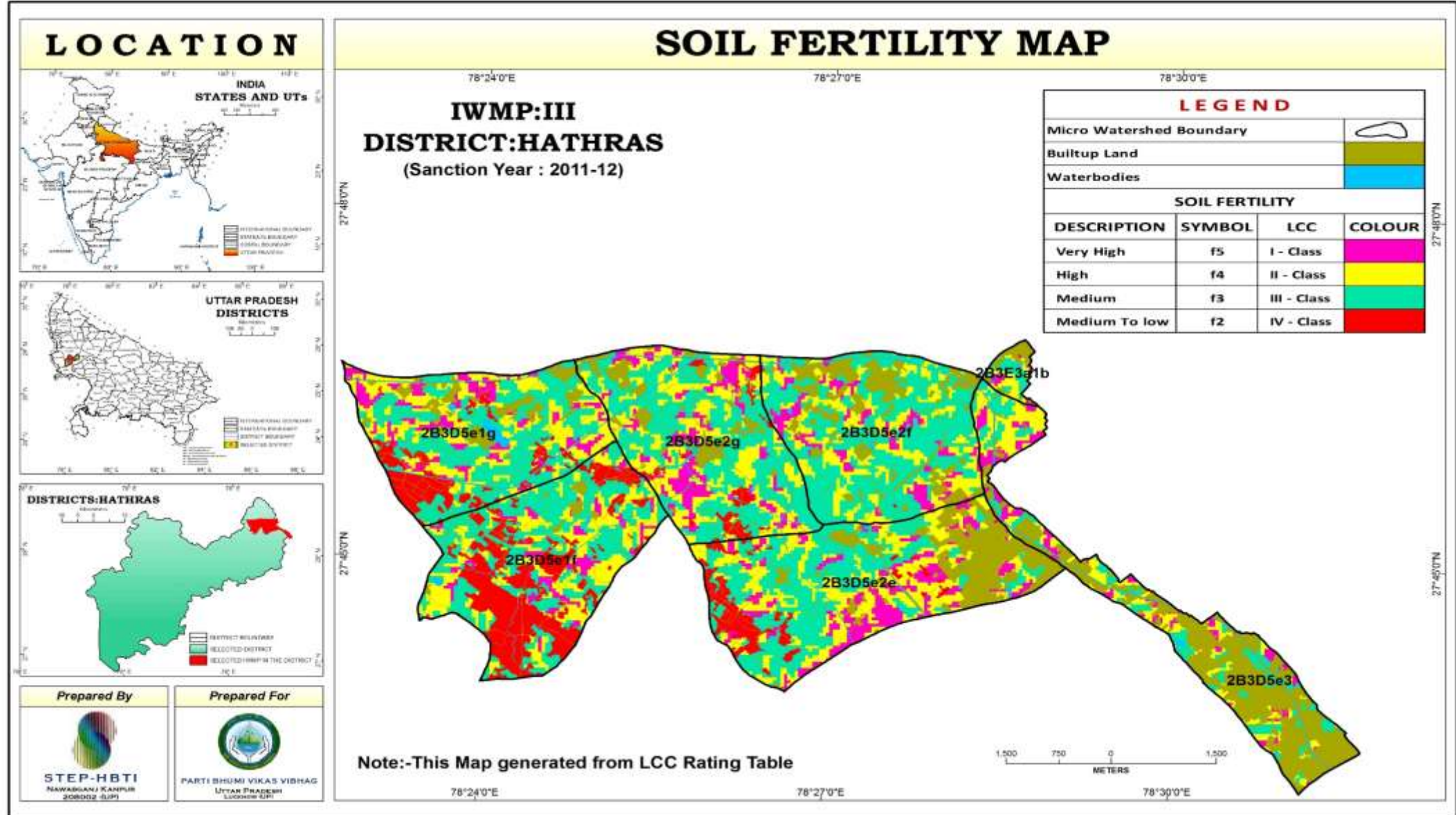


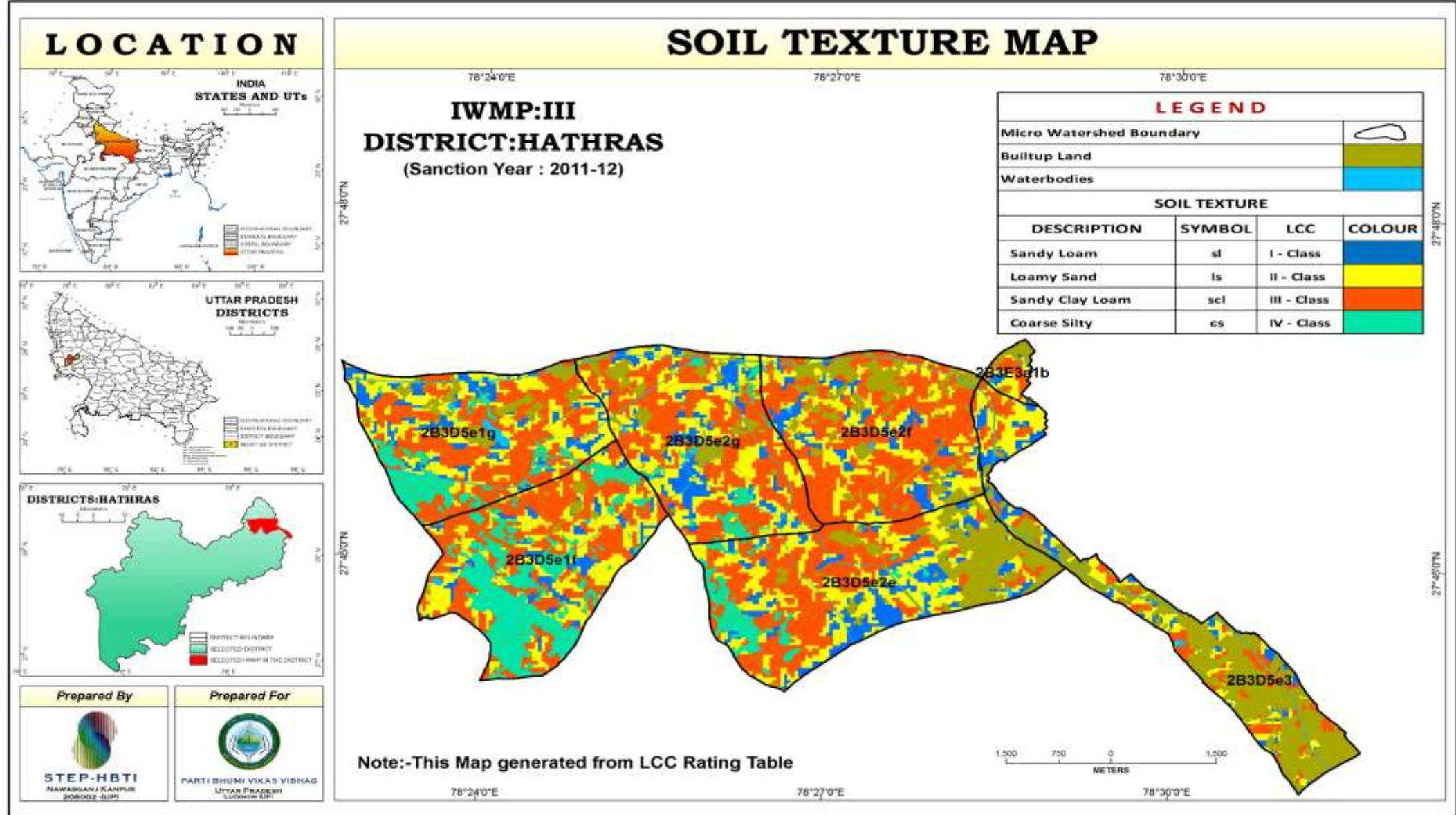
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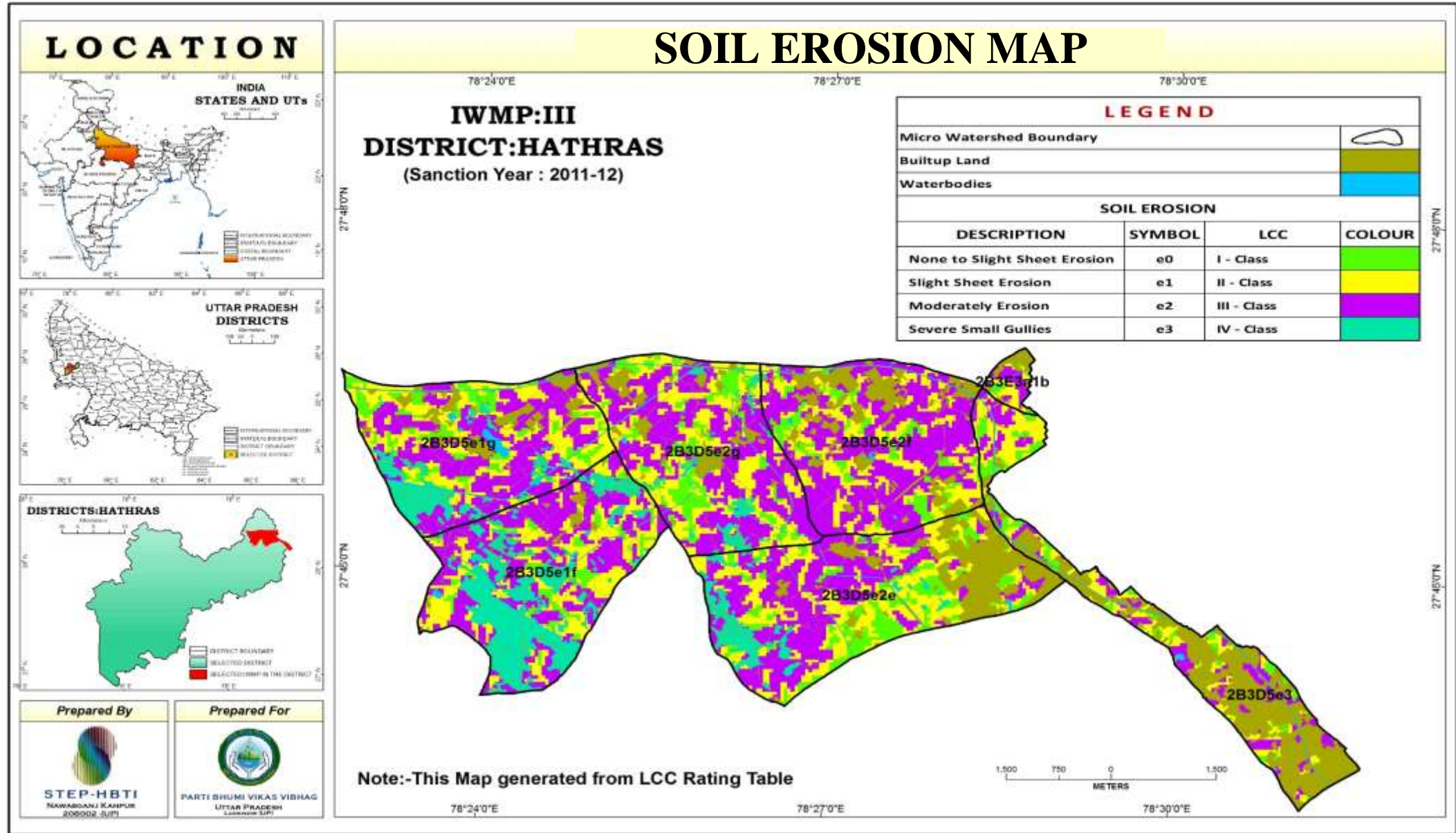










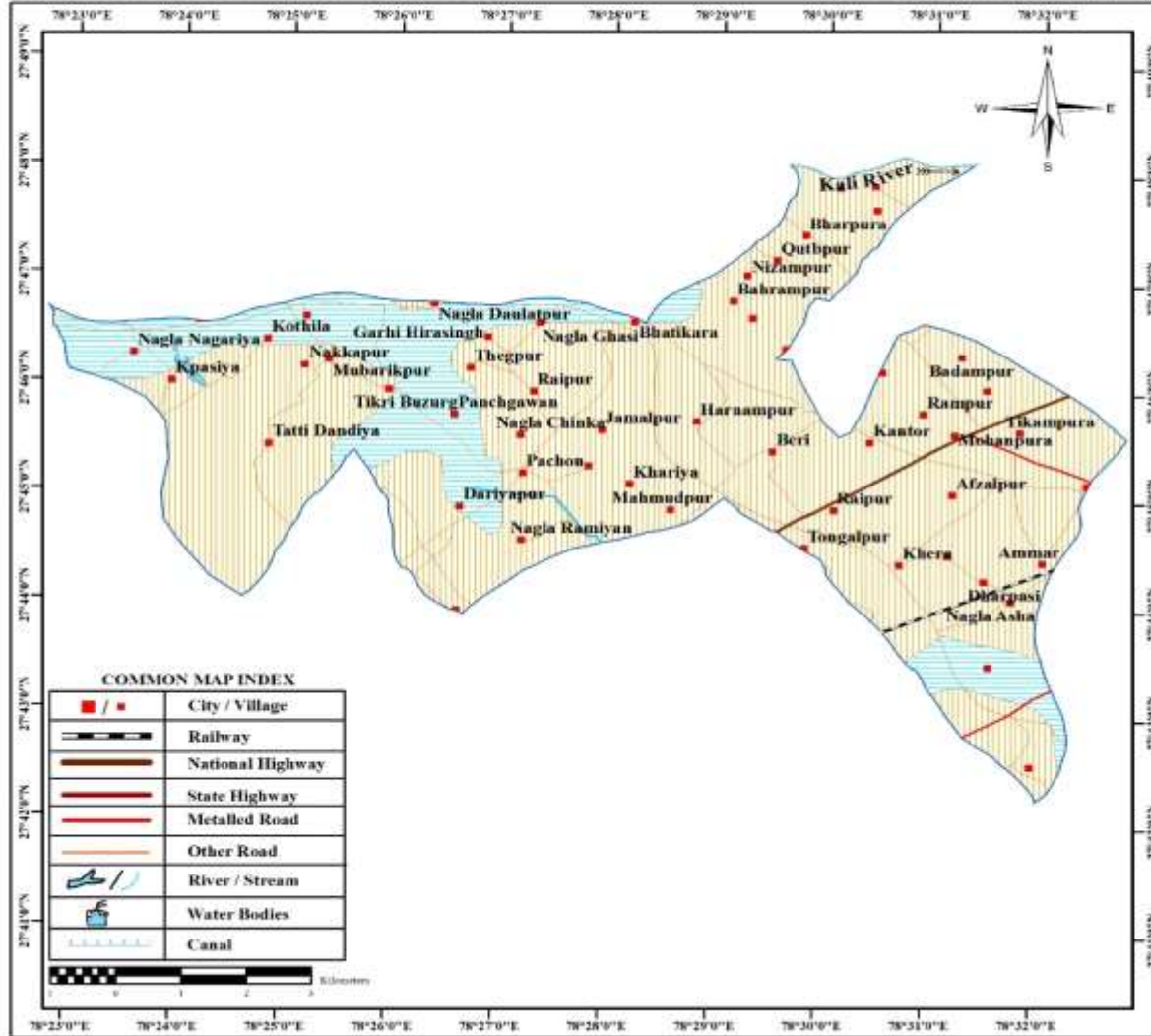


GROUND WATER PROSPECTS MAP

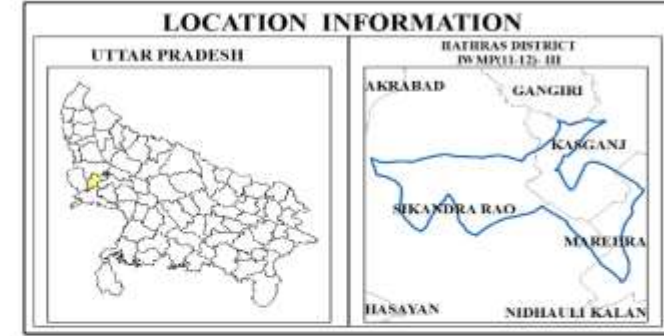
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CODE - IWMP (2011-12) - III

GROUND WATER PROSPECTS INFORMATION



COLOUR CODE	DEPTH RANGE OF WELLS			YIELD RANGE OF WELLS	
	SHALLOW < 20 METERS	MODERATE 20 - 30 METERS	DEEP > 30 METERS		
VIOLET				> 2600 LPM	Excellent
BLUE				2000-2600 LPM	Very Good
GREEN				1400-2000 LPM	Good
ORANGE				800-1400 LPM	Moderate
RED				800-100 LPM	Fairly Good
PINK				< 100 LPM	Poor
	Project Area				



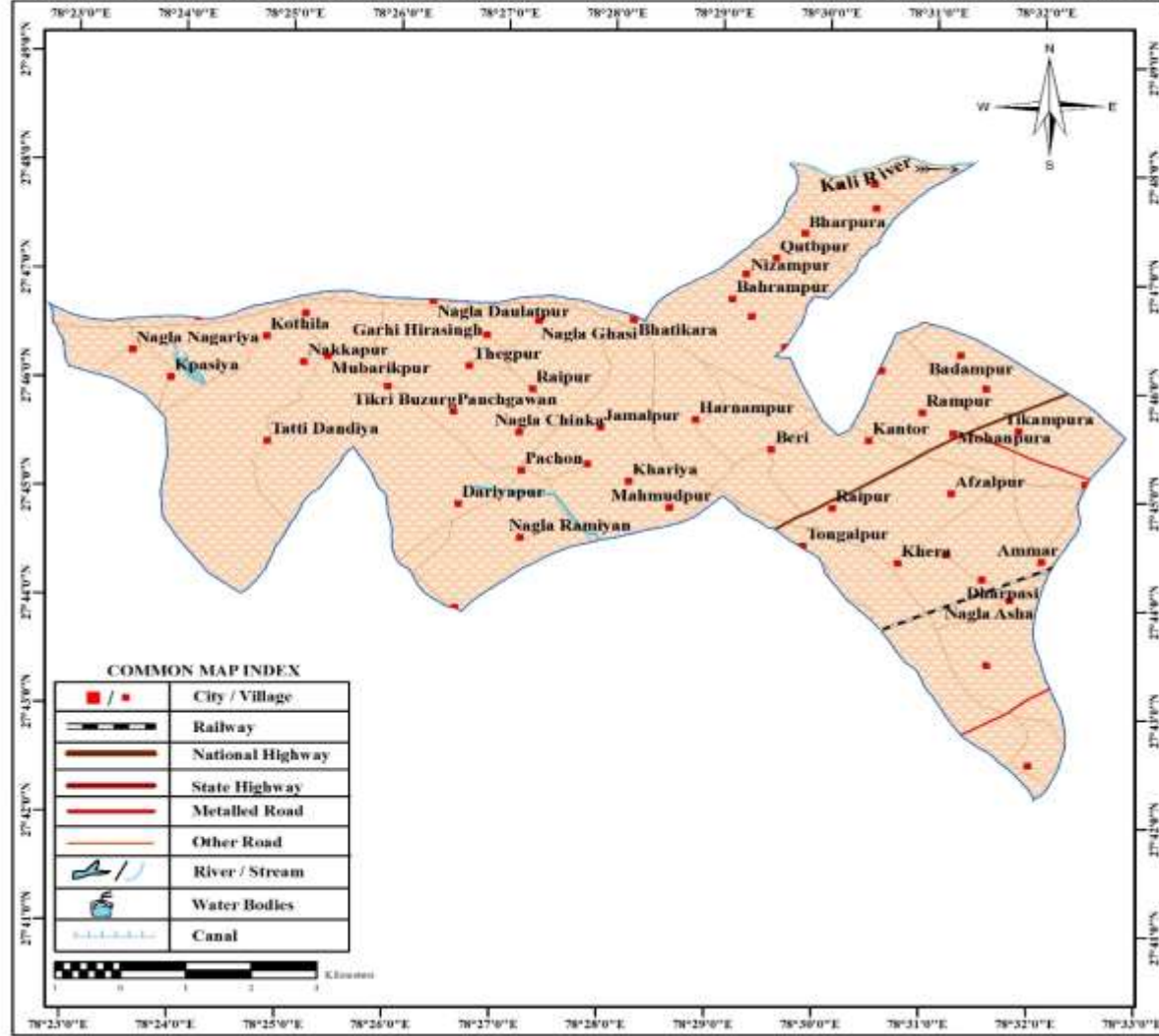
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LITHOLOGY AND STRUCTURE MAP

HATHRAS DISTRICT, UTTAR PRADESH

CODE - IWMP (2011-12) - III



LEGEND

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

LOCATION INFORMATION

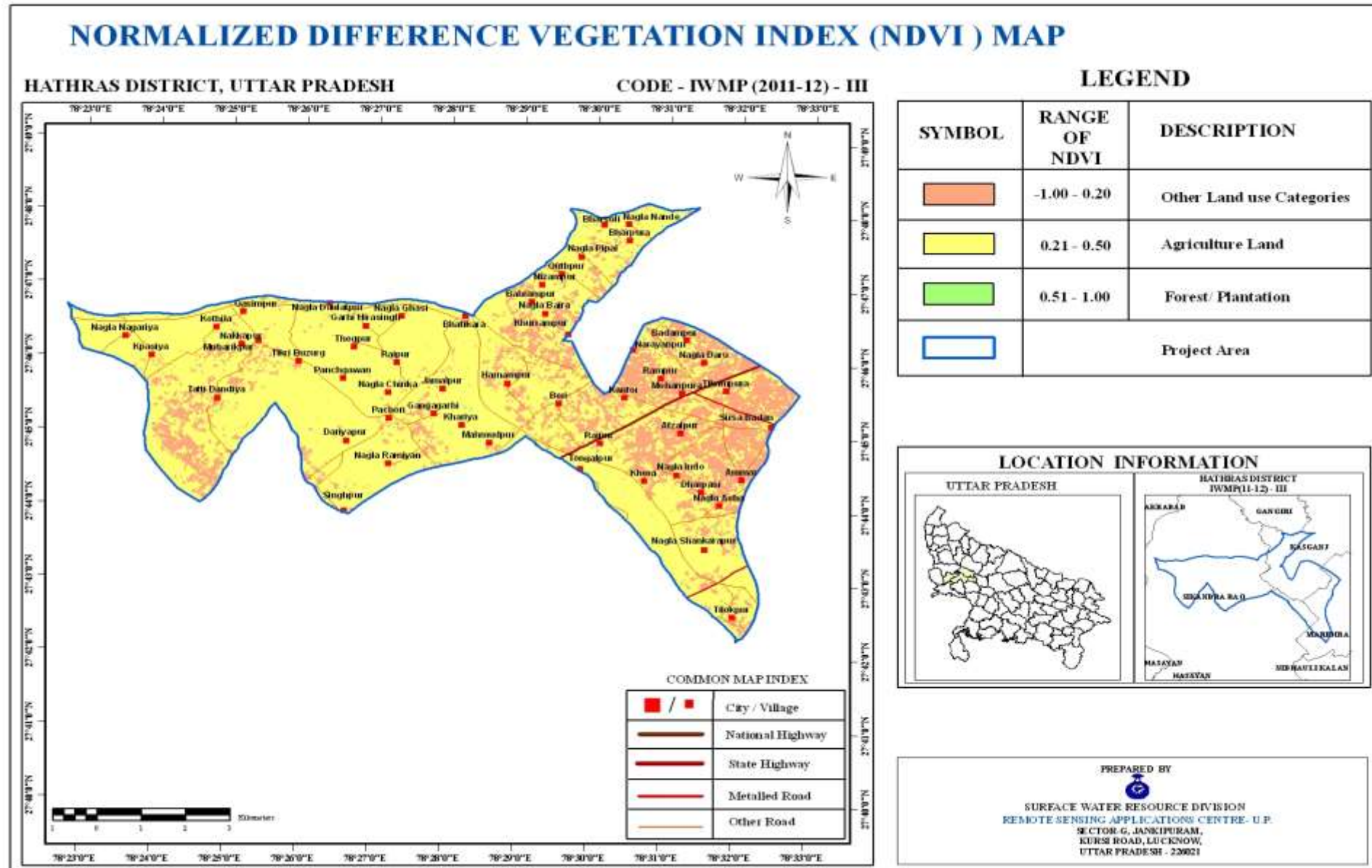


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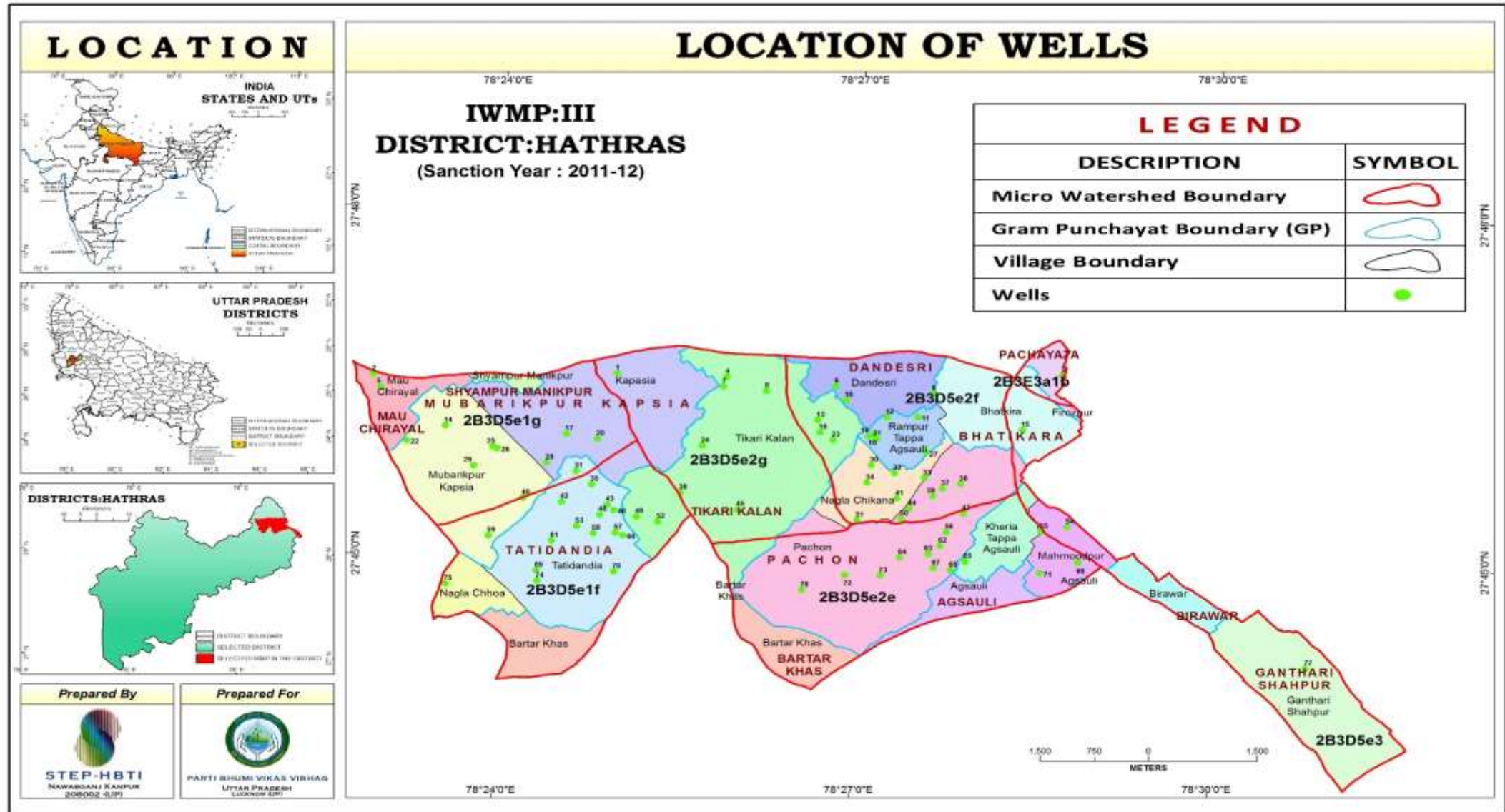


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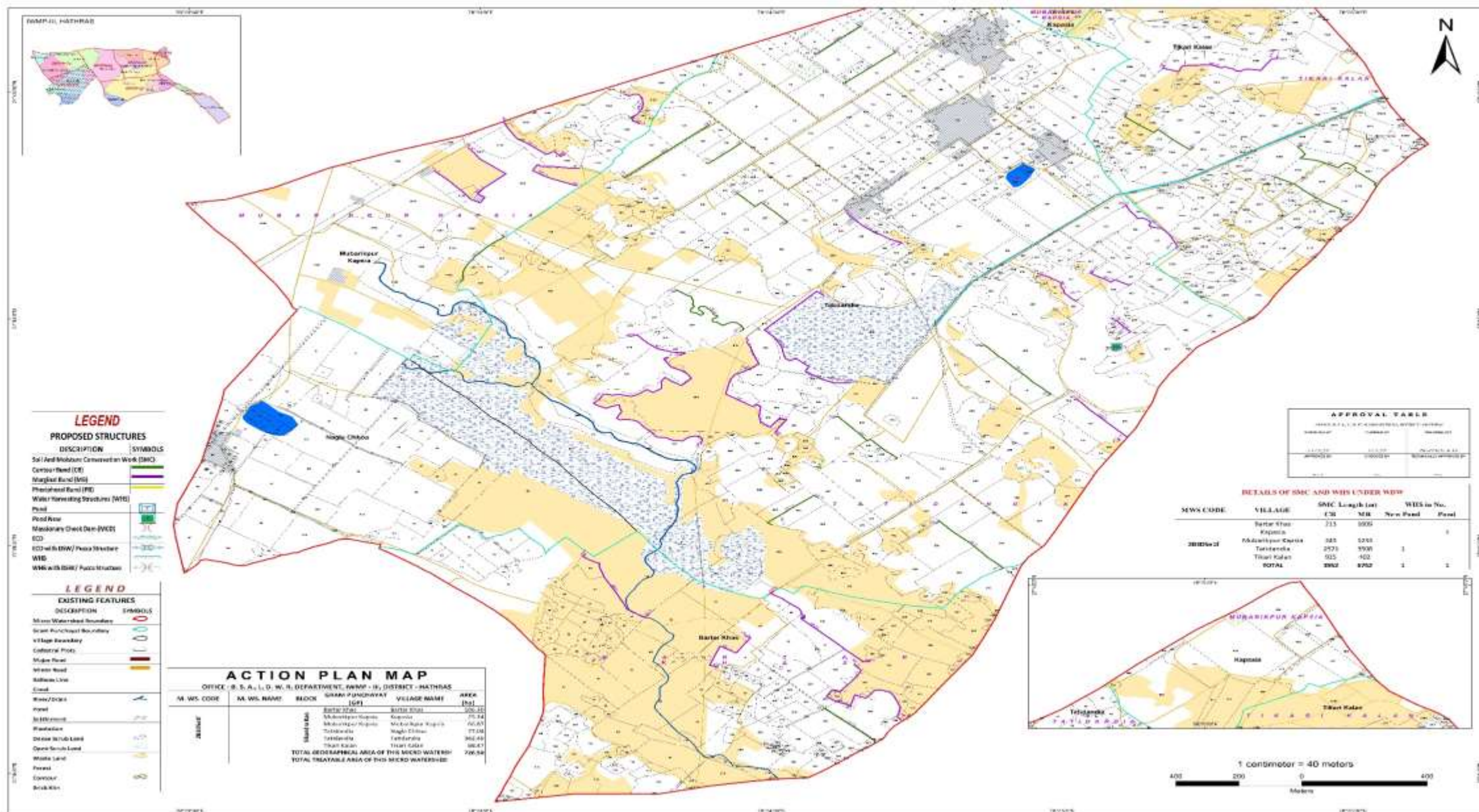
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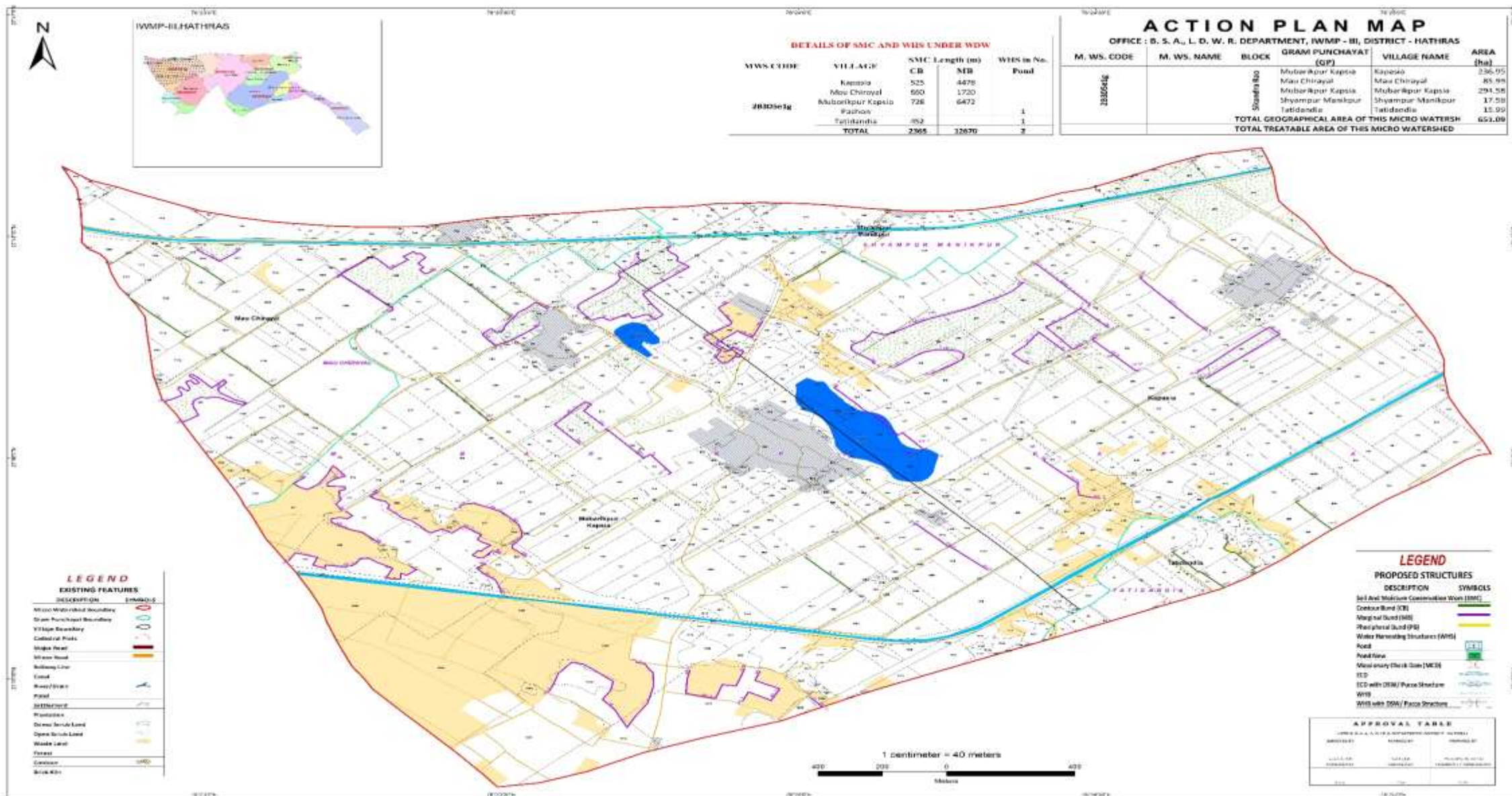
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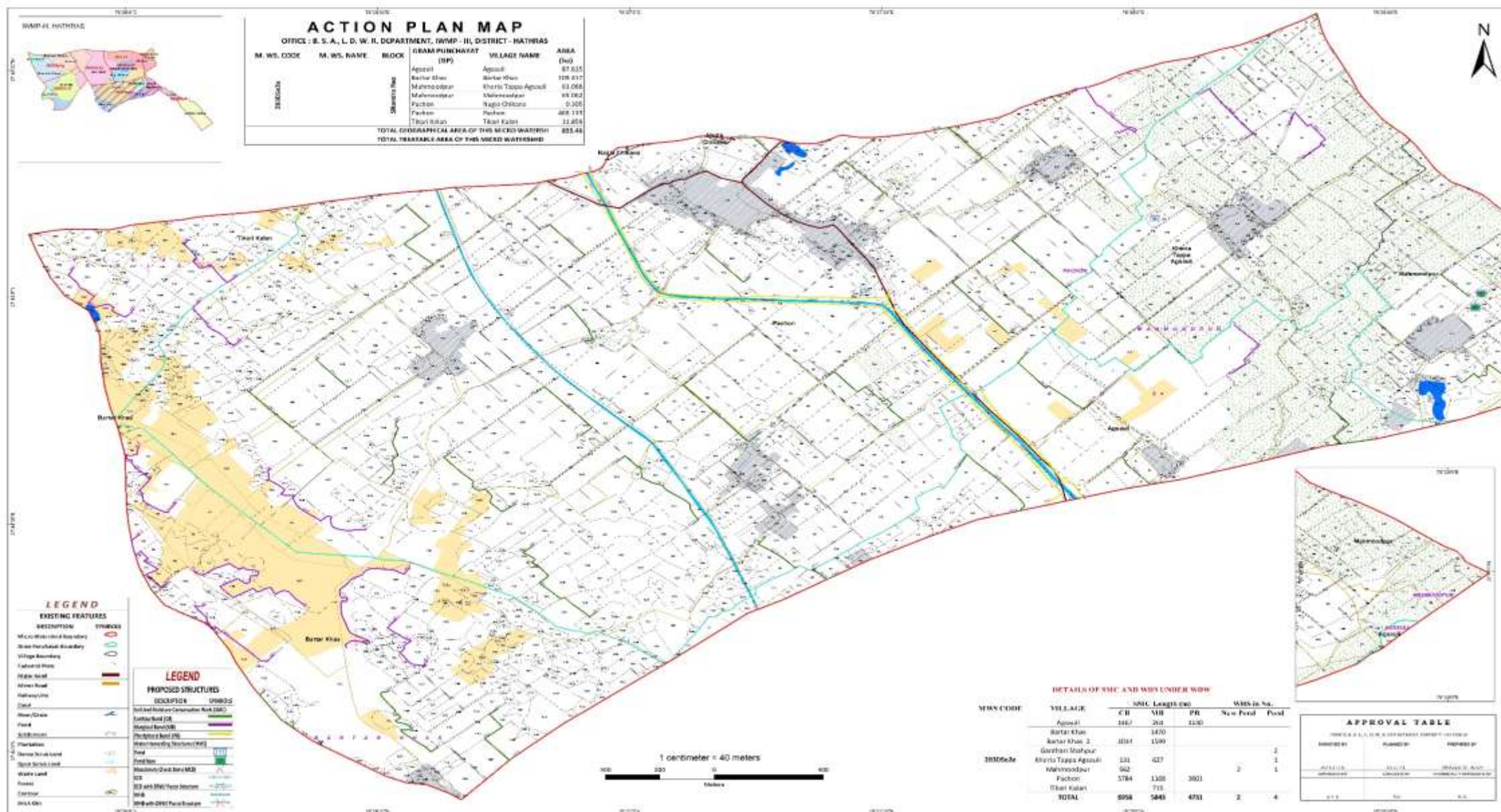
ACTION PLAN MAPS



ACTION PLAN MAPS



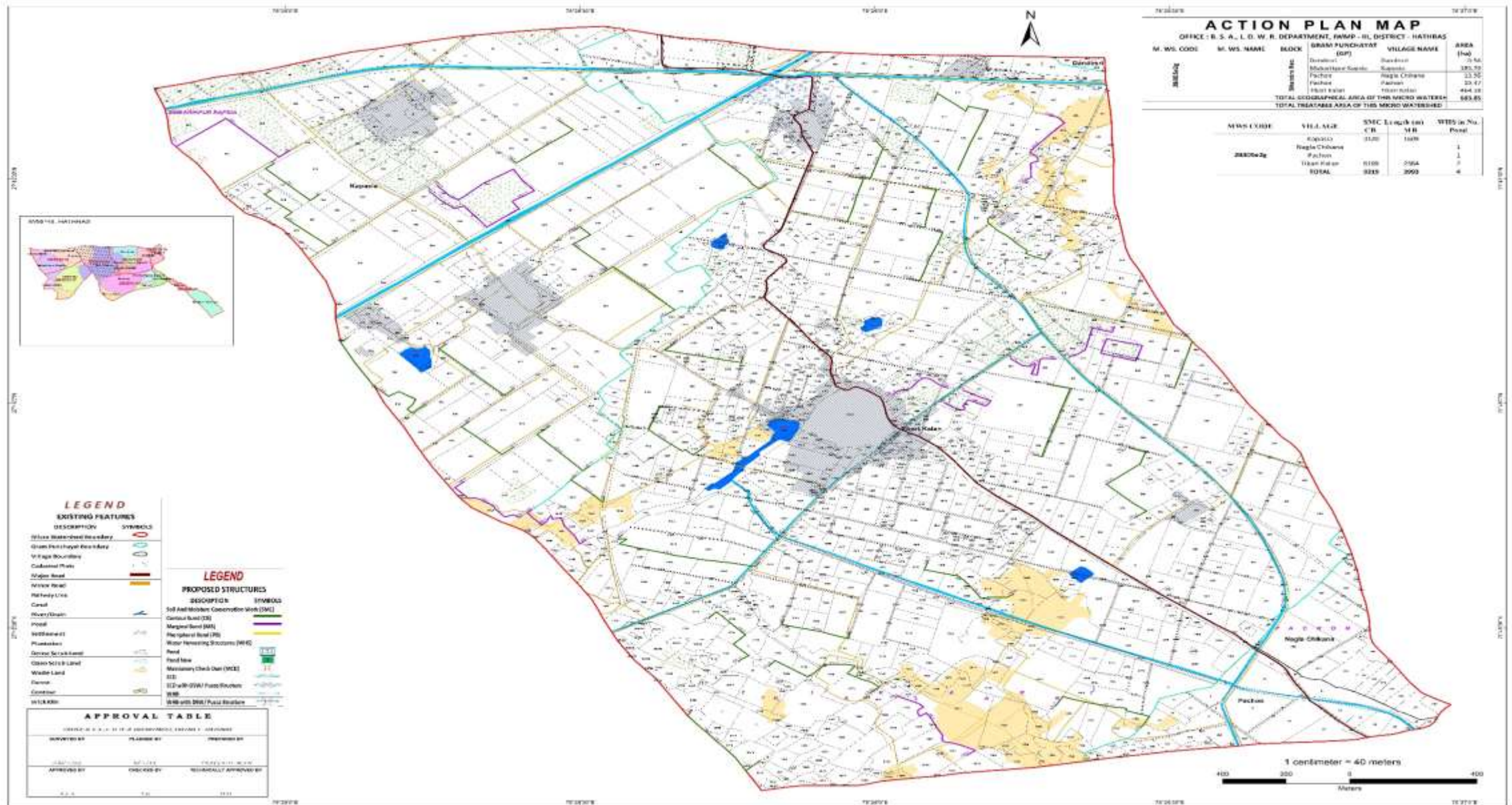
ACTION PLAN MAPS



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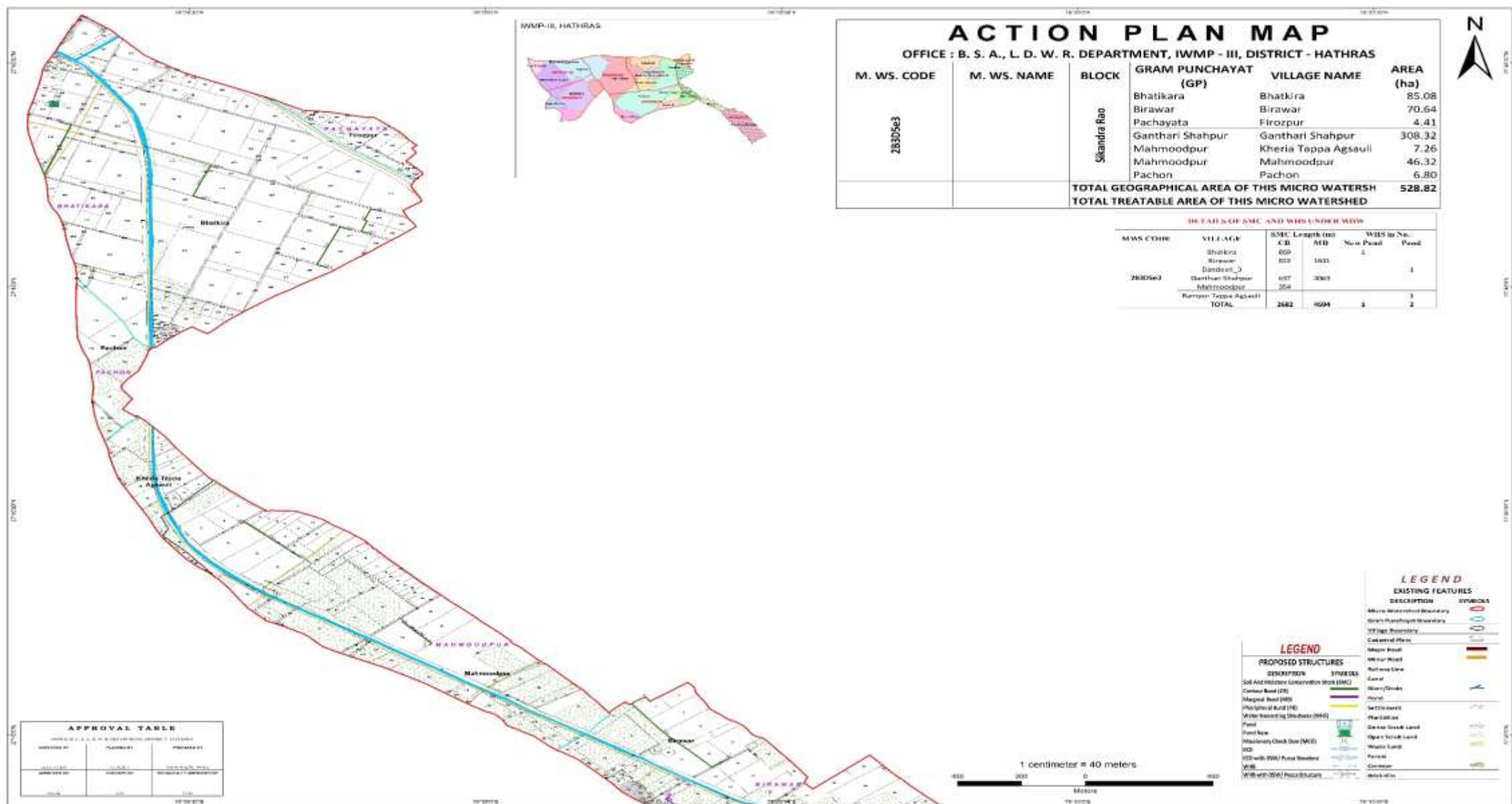
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