



# GOVERNMENT OF MEGHALAYA

SOIL & WATER CONSERVATION DEPARTMENT

## 2015-2016 ANNUAL REPORT



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## PREFACE

THE ANNUAL REPORT 2015-16 OF THE SOIL & WATER CONSERVATION DEPARTMENT IS A CHRONICLE DEPICTING THE ROLE AND RESPONSIBILITY OF THE DEPARTMENT IN CONSERVATION AND MANAGEMENT OF THE NATURAL RESOURCES OF THE STATE AS HAS BEEN MANDATED TO THE DEPARTMENT. IT IS ESSENTIALLY A PORTAL TO UNDERSTAND THE CONCEPTS AND PRINCIPLES TO WHICH THE DEPARTMENT EMBODIES.

THIS ANNUAL REPORT PROVIDES AN OVERVIEW OF NOT ONLY THE WORKS IMPLEMENTED IN THE FIELD BUT ALSO DEPICT THE POLICY SET-UP AND ORGANIZATIONAL STRUCTURE OF THE DEPARTMENT. IN FACT, IT ALSO SERVES AS A REFERENCE POINT FOR ANY INTERESTED AGENCY AND INDIVIDUAL BOTH FROM WITHIN THE DEPARTMENT AND ALSO FROM OUTSIDE.

THIS ANNUAL REPORT WILL PROVIDE A CLEAR PICTURE OF THE QUINTESSENTIAL POLICIES AND PRECEPTS WITH WHICH THIS DEPARTMENT IS ESTABLISHED. I ALSO BELIEVE THAT IT WOULD HAVE PAVE THE WAY FOR A BETTER UNDERSTANDING OF THE SIGNIFICANCE OF THE DEPARTMENT IN USHERING IN A NEW ERA OF SUSTAINABLE ENVIRONMENTAL SECURITY FOR THE STATE OF MEGHALAYA AS A WHOLE.



D. LANGSTIEH  
Editor

&

DIRECTOR OF SOIL & WATER CONSERVATION  
MEGHALAYA, SHILLONG.

*From the Editorial Board's Desk...*

*The Soil & Water Conservation Department of Meghalaya is again publishing its Annual Report for the year 2015-16. The main aim of this Annual Report is to update the various activities undertaken by the Department for the financial year. It is in essence, an exercise in transparency whereby the performances of the Department are shown. This is important not only to the Department but more so to concerned agencies and individuals who would have gained insights and important information relating to the Department.*

*This Annual Report portrays not only the aims and objectives of the Department but also the tremendous interventions made by it particularly in natural resources conservation and management and the consistent efforts to empower the grassroots community through the tagging of livelihood development to its schemes and projects. Going through the Annual Report one would have an idea of the extensive reach of the works of the Department in every nook and cranny of the State. The achievements of the Department are physical, financial, institutional and even psychological as evidenced from the various structures constructed, community organization, establishment of micro-enterprises and capacity building taken up with the stakeholders during the implementation of its schemes and projects.*

*Glimpses of the achievements of the Department as stated above will be seen through vivid photographs, physical and financial statements, appreciation letters, write-ups and data in this Annual Report. Other matters which include administration, training programmes and success stories are depicted.*

*The compilation of the Annual Report is a meticulous process requiring precision, hard work and an indepth understanding of the Department in its entirety. For this, the Editorial Board would like to express its appreciation to all those who are involved in its publication. It conveys its special thanks to the officers of different levels for providing important inputs and for their cooperation that makes possible the publication of this Annual Report. The undersigned and members of the Editorial Board also express their gratitude to Shri Rowell Lyngdoh, Hon'ble Minister of Soil & Water Conservation, Meghalaya; Shri Comingone Ymbon, Parliamentary Secretary, Soil & Water Conservation; Shri R.M. Mishra, IAS, Principal Secretary, Soil & Water Conservation for their support, guidance and advice that have shaped the Department as it is today.*

  
D. Langstieh,  
Editor

&  
Director of Soil & Water Conservation,  
Meghalaya, Shillong.

## *Message*

I am pleased to learn that the Soil & Water Conservation Department is bringing out its Annual Report, 2015-16 wherein various aspects of functioning of the Department and the emerging opportunities for development partnerships will be highlighted.

With its community centric approach to implementing development schemes, The Soil & Water Conservation Department has a crucial role to play in further consolidating the initiatives for convergence and sustainable development. Effective dissemination of information to various stakeholders is an essential prerequisite for taking forward this agenda. This Publication will be of help in generating awareness about these aspects.

I take this opportunity to extend my appreciation to the members of the Editorial Board for their sincere efforts and hard work in preparing this Report.



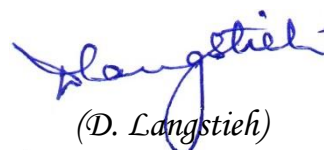
*Sd/- Shri. R. M. Mishra, IAS,  
Principal Secretary to the Govt. of Meghalaya,  
Soil & Water Conservation Department.*

## M E S S A G E

*It is a matter of pride and joy for me to see that the Soil & Water Conservation Department is bringing out its Annual Report, 2015-16. The compilation of the Annual Report is a very intricate process and entails indepth knowledge of the concepts and policies of the Department. I am confident that the diligence of those involved in the publication of this Annual Report will have met the objective for which it was published. The Annual Report features relevant information and covers all aspects of its guiding principles, aims and objectives as well as the operations and performances of the Department for the financial year 2015-16.*

*I take this opportunity to convey my thanks to the officers and staff of the Department who had painstakingly compiled, put the sequences in order and give shape to this Annual Report. I would also like to extend my appreciation to a cross spectrum of agencies and individuals who are involved with the Department in planning, funding, execution and implementation of works at the administrative and grassroots levels which made it possible to publish this Annual Report.*

*I am confident that as shown in the Annual Report, the Department would continue and march ahead the passage of time in its mandate to conserve, manage and protect our natural resources.*



(D. Langstieh)  
Director,

Soil & Water Conservation,  
Meghalaya, Shillong.

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### 1.1 OVERVIEW

#### **INTRODUCTION:**

Endowed with a variety of natural resources and rich bio-diversity, the ecology in many parts of the state is, however under threat due to the deterioration of the three basic resources, viz soil, water and vegetation. The increasing needs of the ever increasing human population, inadequate management of resources, faulty human practices, emergence of wastelands, decreasing trend of land productivity, depletion of water sources, deterioration of soil health, climate variability, unhealthy migrations pattern and eventually poverty and under-development are posing serious challenges to food, social, economic, livelihood and environmental securities. Taking due cognizance of the problems, the Department is implementing various schemes and developmental projects which primarily aims at holistic development, while, at the same time, introduces and promotes a variety of interventions towards resource conservation, to ultimately achieve sustainable development.

#### **Mandate:**

Natural resources management, particularly soil, water and vegetation resources in the context of perpetual utilization and sustainable development of the said resources to improve and sustain livelihood system and to aid in income earning activities of the user-communities.

#### **Aims:**

- Promote sustainable utilization of soil, water and vegetation resources
- Sustainable food support and water needs
- Promote social, economic and ecological development

#### **Objectives:**

- Natural resource management, particularly the soil, water and vegetation.
- Establishing Micro irrigation facilities, harvesting water for multipurpose utilities and protecting catchment area of water resources.
- Enhancing crop production and productivity.
- Development and rejuvenation of water bodies under sub basin approach.
- Ecology development through multi-disciplinary approach.
- Social mobilization and Capacity building of various levels of stakeholders.
- Research and training at the Conservation Training Institute.

**Pre-requisites:**

In the endeavor for natural resources management, it is important for the local partners in development, the local institutions, community, stakeholders and users to unreservedly, voluntarily and actively participate in the different phases viz. exploratory, planning phases and upward. Secondly, it is also equally required for other development Departments to willingly participate for ensuring convergence to bring about holistic and realistic development of the people. Lastly, the importance of Public-Private Partnership in up-scaling the natural resources management programmes require no emphasis.

**Agenda of Action:**

To ensure that the service-deliveries promote and meet the afore-cited aims and objectives, a mechanism to take forward the system is required. They are underlined as follows:

- Formulation of Land Use and Action Plan on a participatory mode; adoption of appropriate soil and water conservation techniques and measures preferably on a Watershed basis, which is increasingly recognized as an ideal approach for Integrated Natural Resources Management Programme.
- Strengthening the information, Education, Communication Systems, Capacity Building & Demonstration.
- Application of science and technology and research & development inputs.
- Awareness campaign, mobilization and organization of the community, empowerment, building their capacity, up gradation of local skills.
- Promotion and encouragement of Self Help Institutions and other promoting institutions. Designing mechanism to monitor and evaluate socio-techno-economic impacts and results.



## 1.2 ADMINISTRATIVE SETUP OF THE DEPARTMENT

### DIRECTORATE

- Planning
- Engineering
- Survey
- Project Formulation
- Cartography
- Monitoring & Evaluation
- Extension & Publicity

### BRANCH DIRECTORATE

- Research & Training, Conservation Training Institute, Byrnihat.
- *Jhum* Control, Tura

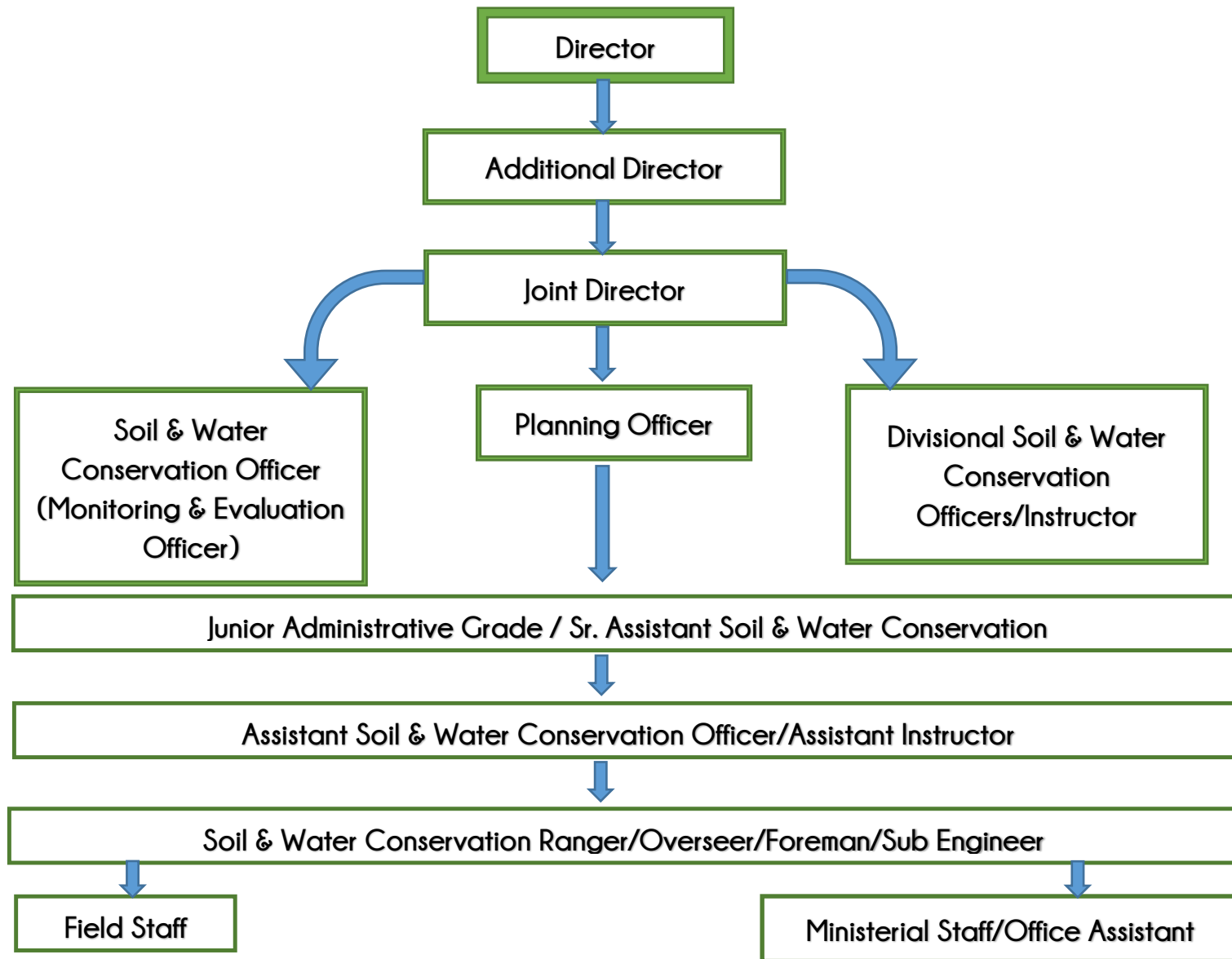
### FIELD EXECUTIVES

In the field, the works of the Department are executed by the Territorial and the Cash Crop Divisions supported by the Soil & Water Conservation Ranges and Soil & Water Conservation Beat office.

District	Division	Rnge/ Beat Office
East Khasi Hills District	Shillong Soil and Water Conservation (Territorial) Division, Shillong	Southern Soil & Water Conservation Range, Mawphlang.
		Shillong Soil & Water Conservation Range, Shillong.
		Laitlyngkot Soil & Water Conservation Range, Laitlyngkot.
		Watershed Management Soil & Water Conservation Range, Shillong.
		Sohra Soil & Water Conservation Range, Sohra.
		Weiloi Soil & Water Conservation Beat Office, Weiloi.
	Shillong Soil & Water Conservation (Cash Crop) Division, Shillong	Shillong Soil & Water Conservation Cash Crop Range, Shillong.
West Jaintia Hills District	Jowai Soil and Water Conservation (Territorial) Division, Shillong	Jowai Soil & Water Conservation Range, Thadlaskein.
		Amlarem Soil & Water Conservation Range, Amlarem.
		Watershed Management Soil & Water Conservation Range, Jowai.
		Shangpung Soil & Water Conservation Range, Shangpung.
	Jowai Soil & Water Conservation (Cash Crop) Division, Shillong	Amlarem Soil & Water Conservation Cash Crop Range, Amlarem.
		Namdong Soil & Water Conservation Cash Crop Range, Namdong.
East Jaintia hills District	East Jaintia Hills Soil & Water Conservation Division, Khliehriat	Khliehriat Soil & Water Conservation Range, Khliehriat.
		Lumshnong Soil & Water Conservation Range, Lumshnong.
		Lumshnong Soil & Water Conservation Cash Crop Range, Lumshnong.
Ri – Bhoi District	Ri-Bhoi Soil and Water Conservation Division, Nongpoh	Soil & Water Conservation Range, Nongpoh.
		Soil & Water Conservation Range, Patharkmah.
		Sonidan Soil & Water Conservation Range, Sonidan.
		Mangar Soil & Water Conservation Cash Crop Range, Mangar

		Umroi Soil & Water Conservation Beat Office, Umroi.
West Khasi Hills District	Nongstoin Soil and Water Conservation Division	Sonapahar Soil & Water Conservation Range, Riango.
		Mairang Soil & Water Conservation Range, Mairang.
		Nongstoin Soil & Water Conservation Range, Nongstoin.
		Watershed Management Soil & Water Conservation Range, Nongstoin.
		Sonapahar C.C. Beat Office, Sonapahar
South West Khasi Hills District	South West Khasi Hills Soil and Water Conservation Division, Mawkyrwat	Mawkyrwat Soil & Water Conservation Range, Mawkyrwat.
		Border Areas Soil & Water Conservation Range, Ranikor.
West Garo Hills District	Tura Soil and Water Conservation (Territorial) Division, Tura	Southern Soil & Water Conservation Range, Machangpani.
		Central Soil & Water Conservation Range, Tebronggre.
		Anogre Soil & Water Conservation Range, Anogre.
		Damjonggre Soil & Water Conservation Range, Garobadha.
		Jongchipara Soil & Water Conservation Range, Jongchipara.
		Watershed Management Soil & Water Conservation Range, Tura.
	Tura Soil and Water Conservation (Cash Crop) Division, Tura	Danakgre Soil & Water Conservation Cash Crop Range, Danakgre.
		Dadengre Cash Crop Soil and Water Conservation Beat Office, Dadengre.
South Garo Hills District	South Garo Hills Soil and Water Conservation Division, Baghmara	Baghmara Soil & Water Conservation Cash Crop Range, Baghmara.
		Chokpot Soil & Water Conservation Cash Crop Range, Chokpot.
		Rongara Soil & Water Conservation Cash Crop Beat Office, Rongara.
South West Garo Hills District	South West Garo Hills Soil and Water Conservation (Territorial) Division, Ampati	Damalgre Soil & Water Conservation Range. Zikzak Soil & Water Conservation Range. Ampati Cash Crop Soil & Water Conservation Beat Office, Ampati.
East Garo Hills District	Simsanggre, soil and Water Conservation, (Territorial), Division, Williamnagar	Eastern Soil & Water Conservation Range, Songsak Bonegre.
		Watershed Management Soil & Water Conservation Range, Williamnagar.
		Williamnagar Soil & Water Conservation Cash Crop Range, Williamnagar.
		Rongjeng Cash Crop Beat Office, Rongjeng.
North Garo Hills District	North Garo Hills Soil and Water Conservation Division, Resubelpara	Mendipathar Soil & Water Conservation Range, Mendipathar.
		Northern Soil & Water Conservation Range, Wageasi.
		Wageasi Cash Crop Range, Wageasi.
		Kharkutta Cash Crop Beat Office, Kharkutta. Bajengdoba Cash Crop Beat Office, Bajengdoba
		Adokgre Soil & Water Conservation Beat Office, Adokgre.

### 1.3 ORGANISATIONAL SET-UP OF THE SOIL & WATER CONSERVATION



## 1.4 STRENGTH OF THE DEPARTMENT

Sl. No	Name of the Office	Director of Soil & Water Conservation	Additional Director of Soil & Water Conservation	Joint Director of Soil & Water Conservation	DSW CO/ Instructor	Junior Administrative Grade/ Senior AS&WC O/ Instructor	ASWC O/asst. instructor	Ranger /Overseer/Foreman/ Sub-Engg (electrical)	Field staffs	Establishment/ministerial	Total
1	The Directorate of Soil & Water Conservation, Shillong	1	1	1	2	11	3	2	568	810	
2	Joint Director, Soil & Water Conservation, Tura			1	1		1	0			
3	Joint. Director, Soil & Water Conservation (Res & Trn), CTI, Byrnihat			1	4		3	8			
4	Shillong S & WC (T) Division, Shillong			0	1		4	5			
5	Tura S & WC (T) Division, Tura			0	1		2	12			
6	Jowai S & WC (T) Division, Jowai			0	1		3	6			
7	Nongstoin S & WC Division, Nongstoin			0	1		3	7			
8	Simsanggre S & WC Division, Williamnagar			0	1		3	5			
9	Shillong S & WC (CC) Division, Shillong			0	1		2	4			
10	Tura S & WC (CC) Division, Shillong			0	1		2	3			
11	Jowai S & WC (CC) Division, Jowai			0	1		1	3			

12	Ri Bhoi S & WC Division, Nongpoh			0	1		1	3			
13	South Garo Hills S & WC Division, Baghmara			0	1		1	1			
14	Soil Survey S & WC Division, Shillong			0	1		2	5			
15	PFC S & WC Division, Shillong			0	1		2	6			
16	Engineering Division S & WC Division, Shillong			0	1		0	2			
17	East Jaintia Hills S & WC Division, Khliehriat			0	1		2	2			
18	South West Khasi Hills S & WC Division, Mawkyrwat			0	1		2	2			
19	South West Garo Hills S & WC Division, Ampati			0	1		2	2			
20	North Garo Hills S & WC Division, Resubelpara			0	1		2	2			
Total		1	1	3	24	11	41	80	568	810	1539

**2.1 Statement indicating Budget Outlay & Available Outlay 2015-2016**

(Rs. in lakh)

Major/Minor Head of Depptt./Scheme	Budget outlay as per Budget Book 2015-2016	Budget Outlay 2015-2016	Available Outlay 2015-2016	Remarks
(1)	(2)	(3)	(4)	(5)
<b>SOIL &amp; WATER CONSERVATION SECTOR</b>				
<b>2402. SOIL &amp; WATER CONSERVATION</b>				
<b>001. DIRECTION &amp; ADMINISTRATION</b>				
(01) Directorate of Soil Conservation	20.00	10.00	4.25	
(02) Divisional Soil Conservation Offices	320.00	287.00	262.69	
(03) Soil Conservation Range Offices	27.00	20.00	24.81	
(05) Project Formulation Cell	6.00	6.00		
(06) Soil Conservation Engineering Division				
(07) Monitoring and Evaluation Unit				
(08) Cash Crop Division	18.00	18.00		
(10) Soil Conservation Survey Division	6.00	6.00		
<b>TOTAL 001</b>	<b>397.00</b>	<b>347.00</b>	<b>291.75</b>	
<b>102. SOIL CONSERVATION SCHEME</b>				
(04) Erosion Control Works	150.00	110.00	-	
(06) Afforestation	60.00	80.00	42.35	
(08) Water Conservation & Distribution Works / Irrigation	110.00	70.00		
(09) Cash Crop Development Works	175.00	263.00	179.90	
(10) Construction works in Urban Areas	150.00	70.00		
(11) Water Harvesting Works / Farm ponds, etc.	110.00	70.00		
(12) Avenue Plantation	-	-		
(13) SCA for Development of Rubber Plantation	-	-	81.11	
(14) Integrated Watershed Management Programme (IWMP)/PMKSY/AIBP	-	5250.00	3000.00	
(15) Convergence Fund	-	200.00		
<b>TOTAL 102</b>	<b>755.00</b>	<b>6113.00</b>	<b>3303.36</b>	
<b>109. EXTENSION &amp; TRAINING</b>				
(01) Conservation Training Institute	30.00	20.00	14.00	
(02) Training at Soil Conservation Centre	5.50	5.50	-	
(03) Extension Programme & Info. Services	1.00	1.00	1.00	
<b>TOTAL 109</b>	<b>36.50</b>	<b>26.50</b>	<b>15.00</b>	
<b>800. OTHER EXPENDITURE</b>				
800-(02). Construction & Maintenance of Departmental Non-Residential Buildings	148.00	150.00	50.17	
<b>TOTAL 800 (02)</b>	<b>148.00</b>	<b>150.00</b>	<b>50.17</b>	

800-(04). Watershed Management				
09. Cash Horticulture Crops	11.00	9.00	6.00	
<b>TOTAL 800 (04)</b>	<b>11.00</b>	<b>9.00</b>	<b>6.00</b>	
800-(06). Meghalaya Commercial Crops Development Board				
36. Grants-in-aid General (Non-Salary)	50.00	50.00	26.00	
<b>TOTAL 800 (06)</b>	<b>50.00</b>	<b>50.00</b>	<b>26.00</b>	
800-(07). Watershed Development Project In Shifting Cultivation Areas (WDPSCA)	-		-	
<b>TOTAL 800 (07)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>
800-(08). Soil Conservation Scheme under NABARD Loan				
NABARD Loan	1103.70	1200.00	840.05	Enhanced vide Planning Deptt Letter No. PLR.96/2015/20, dt. 05/11/2015.
NABARD (State Share)	96.30	108.00	91.54	
<b>TOTAL 800 (08)</b>	<b>1200.00</b>	<b>1308.00</b>	<b>931.59</b>	
800-(11). Improved Shifting Cultivation	-	-	-	
<b>TOTAL 800 (11)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
800-(13). Accelerated Irrigation Benefit Programme (AIBP)	13000.00	9000.00		
<b>TOTAL 800 (13)</b>	<b>13000.00</b>	<b>9000.00</b>	<b>0.00</b>	
800-(14). Integrated Watershed Management Programme (IWMP)	10400.00	0.00		
<b>TOTAL 800 (14)</b>	<b>10400.00</b>	<b>0.00</b>	<b>0.00</b>	
800-(16). Cherrapunjee Ecological Project - Restoration of Degraded Land under Sohra Plateau				
<b>TOTAL 800 (16)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
800-(17). Development of Villages bordering Assam	-		-	
<b>TOTAL 800 (17)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
800-(18). Non-lapsable Central Pool of Resources - Eco-Tourism in Tura	-		-	
<b>TOTAL 800 (18)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
800-(20). Multi-Sectoral Development Programme				
<b>TOTAL 800 (20)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
<b>TOTAL 800</b>	<b>24809.00</b>	<b>10517.00</b>	<b>1013.76</b>	
<b>TOTAL 2402</b>	<b>25997.50</b>	<b>17003.50</b>	<b>4623.87</b>	
<b>2415. AGRICULTURAL RESEARCH &amp; EDUCATION</b>				
01. Soil Conservation Research Centre	2.50	2.50	2.50	
02. Field Trial & Experiment	-		-	
<b>TOTAL 2415</b>	<b>2.50</b>	<b>2.50</b>	<b>2.50</b>	

2216. HOUSING-NON-PLAN AND STATE PLAN				
07. HOUSING				
800. Other Expenditure				
(01) Construction	300.00	144.00	23.68	
TOTAL 2216	300.00	144.00	23.68	
TOTAL SOIL & WATER CONSERVATION	26300.00	17150.00	4650.05	

(1)	(2)	(3)	(4)	(5)
UNDER RURAL DEVELOPMENT SECTOR				
Integrated Wasteland Development Programme (IWDP)	10.00	10.00	1000.00	Includes Rs.900.00 lakh of Central Share and Rs.100.00 lakh of State Share.
TOTAL IWDP	10.00	10.00	1000.00	



## 2.2 Statement indicating Scheme wise State Plan Outlay and Expenditures in respect of Annual Plan 2015-2016

(Rs. in lakh)

Sl No.	Name of Schemes/Projects	Budgetted Outlay 2015-2016	Available Outlay 2015-2016	Actual Expenditure incurred	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
	<b>SOIL &amp; WATER CONSERVATION SECTOR</b>				
	<b>2402. SOIL &amp; WATER CONSERVATION</b>				
	<b>001. DIRECTION &amp; ADMINISTRATION</b>				
	(01) Directorate of Soil Conservation	20.00	4.25	4.25	
	(02) Divisional Soil Conservation Offices	320.00	262.69	245.25	
	(03) Soil Conservation Range Offices	27.00	24.81	19.41	
	(05) Project Formulation Cell	6.00	-	-	
	(06) Soil Conservation Engineering Division		-	-	
	(07) Monitoring and Evaluation Unit		-	-	
	(08) Cash Crop Division	18.00	-	-	
	(10) Soil Conservation Survey Division	6.00	-	-	
	<b>TOTAL 001</b>	<b>397.00</b>	<b>291.75</b>	<b>268.91</b>	
	<b>102. SOIL CONSERVATION SCHEME</b>				
	(04) Erosion Control Works	150.00	-		
	(06) Afforestation	60.00	42.35	42.35	
	(08) Water Conservation & Distribution Works / Irrigation	110.00			
	(09) Cash Crop Development Works	175.00	179.90	179.90	
	(10) Construction works in Urban Areas	150.00			
	(11) Water Harvesting Works / Farm ponds, etc.	110.00			
	(12) Avenue Plantation	-			
	(13) SCA for Development of Rubber Plantation	-	81.11	81.11	
	(14) Integrated Watershed Management Programme (IWMP)/PMKSY/AIBP	-	3000.00	2150.59	
	(15) Convergence Fund	-			
	<b>TOTAL 102</b>	<b>755.00</b>	<b>3303.36</b>	<b>2453.95</b>	
	<b>109. EXTENSION &amp; TRAINING</b>				
	(01) Conservation Training Institute	30.00	14.00	14.00	
	(02) Training at Soil Conservation Centre	5.50	-	-	
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	800-(04). Watershed Management				
	09. Cash Horticulture Crops	11.00	6.00	6.00	
	<b>TOTAL 800 (04)</b>	<b>11.00</b>	<b>6.00</b>	<b>6.00</b>	
	800-(06). Meghalaya Commercial Crops Development Board				
	36. Grants-in-aid General (Non-Salary)	50.00	26.00	26.00	
	<b>TOTAL 800 (06)</b>	<b>50.00</b>	<b>26.00</b>	<b>26.00</b>	

	800-(07). Watershed Development Project In Shifting Cultivation Areas (WDPSCA)	-	-		
	<b>TOTAL 800 (07)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
	800-(08). Soil Conservation Scheme under NABARD Loan				
	NABARD Loan	1103.70	840.05	840.05	Enhanced vide Planning Deptt Letter No. PLR.96/2015/20, dt. 5/11/2015.
	NABARD (State Share)	96.30	91.54	91.54	
	<b>TOTAL 800 (08)</b>	<b>1200.00</b>	<b>931.59</b>	<b>931.59</b>	
	800-(11). Improved Shifting Cultivation	-	-		
	<b>TOTAL 800 (11)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
	800-(13). Accelerated Irrigation Benefit Programme (AIBP)	13000.00		-	
	<b>TOTAL 800 (13)</b>	<b>13000.00</b>	<b>0.00</b>	<b>0.00</b>	
	800-(14). Integrated Watershed Management Programme (IWMP)	10400.00		-	
	<b>TOTAL 800 (14)</b>	<b>10400.00</b>	<b>0.00</b>	<b>0.00</b>	
	800-(16). Cherrapunjee Ecological Project - Restoration of Degraded Land under Sohra Plateau			-	
	<b>TOTAL 800 (16)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
	800-(17). Development of Villages bordering Assam	-	-	-	
	<b>TOTAL 800 (17)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
	800-(18). Non-lapsable Central Pool of Resources - Eco-Tourism in Tura	-	-	-	
	<b>TOTAL 800 (18)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
	800-(20). Multi-Sectoral Development Programme			-	
	<b>TOTAL 800 (20)</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	
	<b>TOTAL 800</b>	<b>24809.00</b>	<b>1013.76</b>	<b>993.76</b>	
	<b>TOTAL 2402</b>	<b>25997.50</b>	<b>4623.87</b>	<b>3731.62</b>	
	<b>2415. AGRICULTURAL RESEARCH &amp; EDUCATION</b>				
	01. Soil Conservation Research Centre	2.50	2.50	2.50	
	02. Field Trial & Experiment	-	-		
	<b>TOTAL 2415</b>	<b>2.50</b>	<b>2.50</b>	<b>2.50</b>	
	<b>2216. HOUSING-NON-PLAN AND STATE PLAN</b>				
	<b>07. HOUSING</b>				
	<b>800. Other Expenditure</b>				
	<b>(01) Construction</b>	300.00	23.68	23.68	
	<b>TOTAL 2216</b>	<b>300.00</b>	<b>23.68</b>	<b>23.68</b>	
	<b>TOTAL SOIL &amp; WATER CONSERVATION</b>	<b>26300.00</b>	<b>4650.05</b>	<b>3757.80</b>	

(1)	(2)	(3)	(4)	(5)	(8)
	<b>UNDER RURAL DEVELOPMENT SECTOR</b>				
	Integrated Wasteland Development Programme (IWDP)	10.00	1000.00	-	Includes Rs.900.00 lakh of Central Share and Rs.100.00 lakh of State Share.
	<b>TOTAL IWDP</b>	<b>10.00</b>	<b>1000.00</b>	<b>0.00</b>	

Proforma- II

**Statement indicating Scheme wise Receipts and Expenditures in respect of Central Sector/Centrally Sponsored Schemes during 2015-16**

(Rs. In Lakh)

Sl No.	Name of Programme/Component/ Project	Funding Pattern		Available Outlay 2015-16		Fund Released by GOI	Actual Expenditure incurred	
		Central Share	State Share	Central Share	State Share		Central Share	State Share
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Integrated Watershed Management Programme (IWMP)	90%	10%	2700.00	300.00	1945.88	1945.88	204.71
	Accelerated Irrigation Benefit Programme (AIBP)	90%	10%			NIL	NIL	NIL

**Expenditure Details on Projects funded through Loans & External Aid (EAP) during 2015-16**

(Rs. In Lakh)

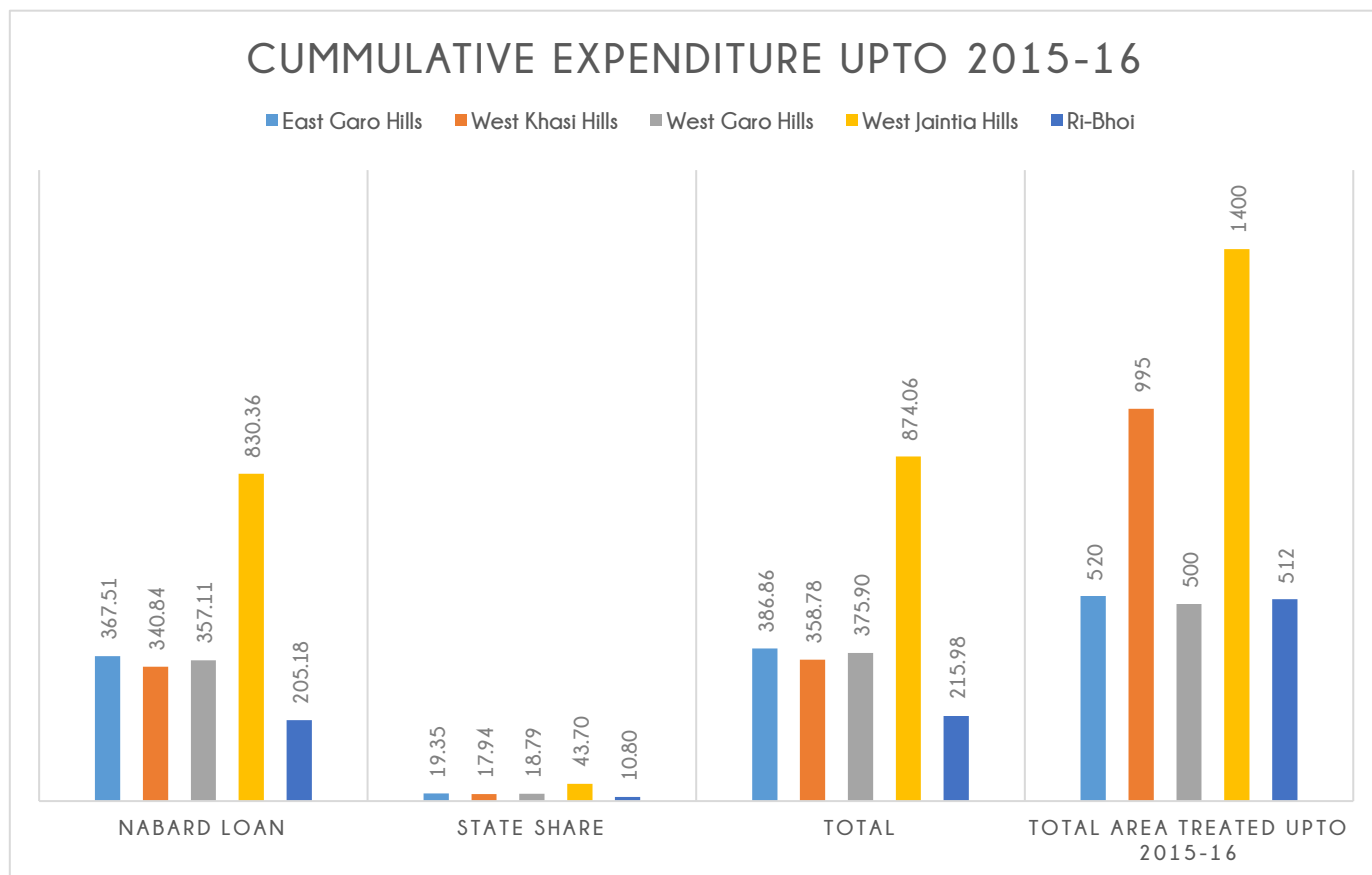
SI No.	Name of scheme/project	Name of Source (NABARD, ADB, WB, IFAD, etc)	Budgetted Outlay 2015-16		Available Outlay 2015-16		Actual Expenditure incurred	
			Central Share (Loan)	State Share	Central Share (Loan)	State Share	Central Share (Loan)	State Share
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Soil Conservation Scheme under NABARD Loan	NABARD	1103.70	96.30	840.05	91.54	840.05	91.54

## 2.3 STATEMENT SHOWING THE PROGRESS AND STATUS OF PROJECTS UNDER RIDF-XVI

(Rs. in Lakh and Area in Hectare)

District & Name of Project	Project Costs Sanctioned			Total Area for Treatment	Cumulative Expenditure upto 2015-16			Total Area treated upto 2015-16
	NABARD Loan	State Share	Total		NABARD Loan	State Share	Total	
(1)	(2)	(3)	(4)	(5)	(18)	(19)	(20)	(21)
<b>East Garo Hills</b>								
Simsam-Mokhura	367.51	19.35	386.86	520	367.51	19.35	386.86	520
<b>West Khasi Hills</b>								
Wahpdem	340.84	17.94	358.78	995	340.84	17.94	358.78	995
<b>West Garo Hills</b>								
Lower Dimbri	357.11	18.79	375.90	500	357.11	18.79	375.90	500
<b>West Jaintia Hills</b>								
Sung Valley Phase-III	830.36	43.70	874.06	1400	830.36	43.70	874.06	1400
<b>Ri-Bhoi</b>								
Umiam-Umshiwaw	205.18	10.80	215.98	512	205.18	10.80	215.98	512
<b>Total :- 5 Nos.</b>	<b>2101.00</b>	<b>110.57</b>	<b>2211.57</b>	<b>3927</b>	<b>2101.00</b>	<b>110.57</b>	<b>2211.57</b>	<b>3927</b>

## STATEMENT SHOWING THE STATUS AND PROGRESS OF PROJECTS UNDER RIDF-XVI

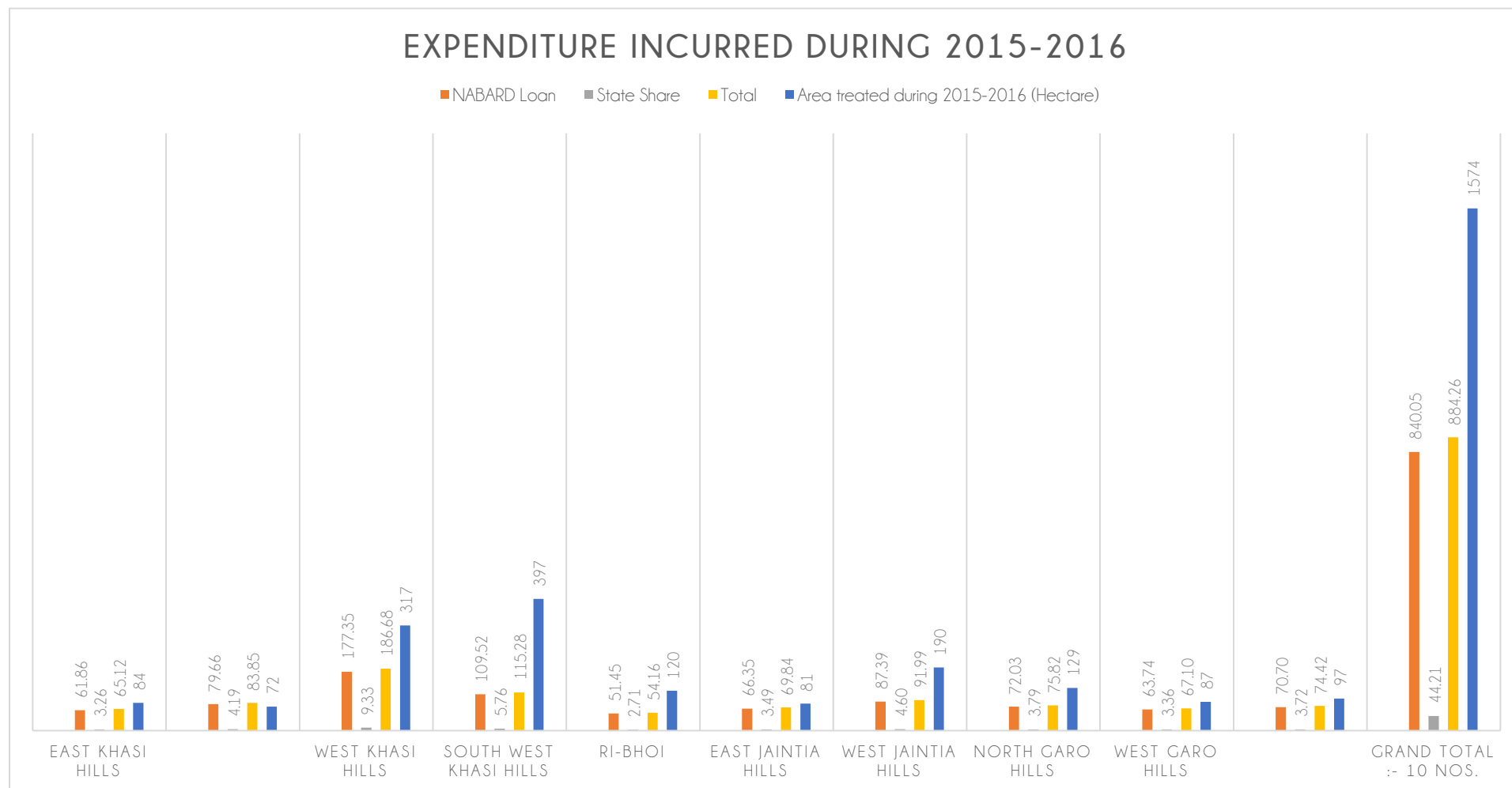


## 2.4 STATEMENT SHOWING THE REQUIREMENT OF FUND FOR THE 10 NOS. PROJECTS UNDER NABARD LOAN RIDF-XX DURING 2015-2016

(Rs. in Lakhs)

Sl. No.	Name of District and Project	Name of C & RD Block	Total Project Cost			Area to be treated (Hectare)	Expenditure Incurred during 2015-2016			Area treated during 2015-2016 (Hectare)
			NABARD Loan	State Share	Total		NABARD Loan	State Share	Total	
1	2	3	4	5	6	7	8	9	10	11
	<b>East Khasi Hills</b>									
1	Wah Umlawbah	Mawphlang	206.21	10.85	217.06	280.00	61.86	3.26	65.12	84
2	Rangshangkham	Mawsynram	265.53	13.98	279.51	240.00	79.66	4.19	83.85	72
	<b>West Khasi Hills</b>									
3	Wahkhaw	Mairang	591.15	31.11	622.26	1055.00	177.35	9.33	186.68	317
	<b>South West Khasi Hills</b>									
4	Wahnamlang	Mawkyrwat	365.06	19.21	384.27	1325.00	109.52	5.76	115.28	397
	<b>Ri-Bhoi</b>									
5	Umparila-Umhoni-Umdairy	Umsning	171.51	9.03	180.54	400.00	51.45	2.71	54.16	120
	<b>East Jaintia Hills</b>									
6	Umkiang	Khliehriat	221.14	11.64	232.78	270.00	66.35	3.49	69.84	81
	<b>West Jaintia Hills</b>									
7	Mynrut	Thadlaskein	291.31	15.33	306.64	633.60	87.39	4.60	91.99	190
	<b>North Garo Hills</b>									
8	Dalsru	Resubelpara	240.10	12.64	252.74	430.00	72.03	3.79	75.82	129
	<b>West Garo Hills</b>									
9	Najok Jora	Selsella	212.48	11.18	223.66	290.46	63.74	3.36	67.10	87
10	Kalajhar	Tikrikilla	235.66	12.40	248.06	322.15	70.70	3.72	74.42	97
	<b>Grand Total :- 10 Nos.</b>		<b>2800.15</b>	<b>147.37</b>	<b>2947.52</b>	<b>5246.21</b>	<b>840.05</b>	<b>44.21</b>	<b>884.26</b>	<b>1574</b>

## STATEMENT SHOWING THE STATUS AND PROGRESS OF PROJECTS UNDER RIDF-XX







**APPROACH ROAD AT ODALGURI UNDER KALAJAR(RIDF) NABARD**  
 Name of Project : - Kalajar (RIDF) NABARD SCHEME.  
 Name of Activity : - Approach Road  
 Name of Village : - Odalguri  
 District : - West Garo Hills



**RING WELL AT ROKOLA UNDER NAJOKJORA(RIDF) NABARD**  
 Name of Project : - Najokjora (RIDF) NABARD SCHEME.  
 Name of Activities : - Ring well at Rokola.  
 Beneficiaries Benefitted : - 15 Household  
 District : - West Garo Hills



**Footbridge & Protection wall cum footpath**  
 East Jaintia Hills, RIDF-NABARD, Umkiang 2015-16



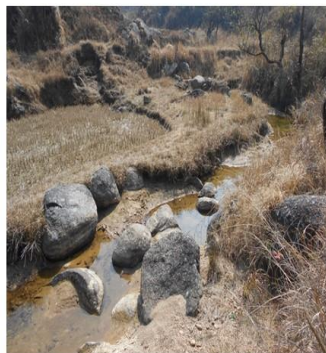
**Umpanila-Umhoni-Umdairy RIDF - XX(NABARD)**  
 C.C. Headwater Dam at Umsatsning Lad Mawrong Village, Ri-Bhoi



**NAME OF ACTIVITY** : RCC Dam  
**PROJECT NO.** : RIDF-XV  
**LOCATION** : Kynon-Mynar  
**C& RD BLOCK** : Myllom  
**DISTRICT** : East Khasi Hills



**Name of Activity :** R.C.C Head Water Dam  
**Name of Watershed :** Wakhaw  
**Project No. :** RIDF-XX  
**Location :** Umpanang



**Before**



**After**

**NAME OF ACTIVITY** : Head Water Dam  
**LOCATION** : Namlang  
**C& RD BLOCK** : Mawkyrwat  
**DISTRICT** : South West Khasi Hills  
**BATCH** : IWMP



**Before**



**After**

**NAME OF ACTIVITY** : Footbridge  
**LOCATION** : Pawphlang  
**C& RD BLOCK** : Mawkyrwat  
**DISTRICT** : South West Khasi Hills

## 2.5 IWMP

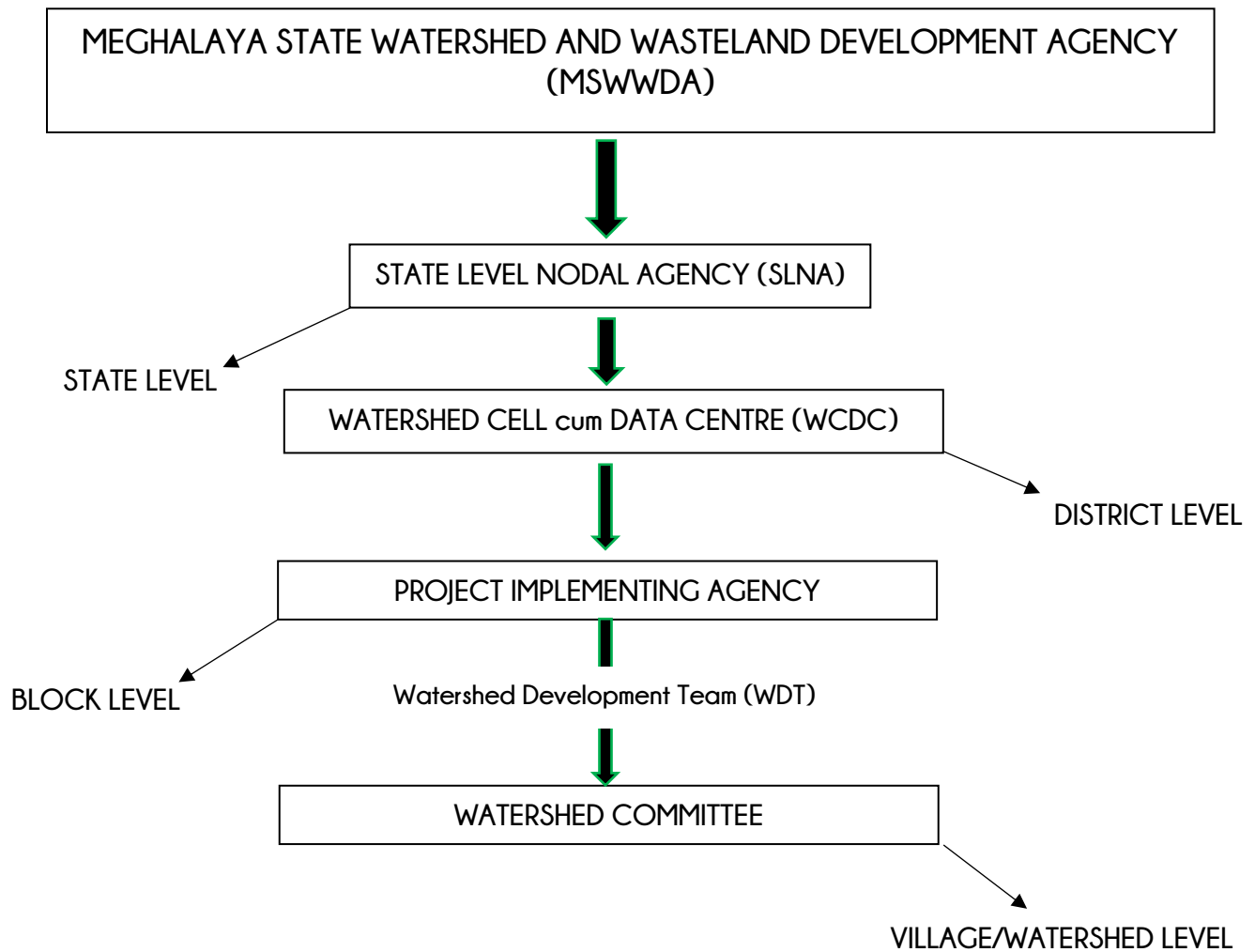
### 2.5.1 Meghalaya State Watershed and Wasteland Development Agency (MSWWDA):

The Integrated Watershed Management Programme (IWMP) is the result of the new and unified approach of the Government of India for treatment and development of the new generation watersheds in realistic and holistic manner. The Government of India through the National Rainfed Area Authority (NRAA) has evolved the Common Guidelines, 2008 for implementation of the Watershed Development Projects. The major area in which paradigm shift has been made under the programme are, inter-alia, institutional funding of the State Government through the State Level Nodal Agency (SLNA) at the State Level.

For the state of Meghalaya, the SLNA was constituted on 25th June 2009, called the **Meghalaya State Watershed & Wasteland Development Agency (MSWWDA)** which has been registered under the Meghalaya Societies Registration Act, XII of 1983. The main functions of the MSWWDA are:

- Prepare the State Perspective and Strategic Plan of watershed development of the state
- Establish and maintain a State Level Data Cell from funds sanctioned by the Government of India
- Provide technical support to the Watershed Cell cum Data Centres of the Districts.
- Approve independent institutions for capacity building and work out the overall capacity building strategy
- Approve Project Implementing Agencies (PIAs) identified/selected by District Level Committee by adopting appropriate objective selection criteria and transparent system
- Establish monitoring, evaluation and learning systems at various levels
- Ensure regular and timely online monitoring of watershed projects in the state
- Prepare State Specific Process Guidelines, Technology Manuals, etc in coordination with the Nodal Ministry/NRAA and operationalise the same.

The MSWWDA currently has 28 experts/ staffs in the seven Districts to perform the above functions:



## 2.5.2 Integrated Watershed Management Programme (IWMP)

LIST OF SANCTIONED IWMP PROJECTS OF MEGHALAYA STATE DURING THE YEAR 2009-10 VIDE SANCTION LETTER NO.K-11 013/1/2009/IWMP (MEGHALAYA). dt. 30.09.2009 Batch I (2009-2010) Rupees in Lakhs												
Sl. No	District	Name of C&RD Block	Area for treatment (ha)	Total Project Cost	Central Share (90%)	State Share (10%)	Achievement upto 2014-15		Achievement for 2015-16		Cumulative Achievement upto 2015-16	
							Financial	Physical	Financial	Physical	Financial	Physical
1	East Khasi Hills- IWMP-I, IWMP-II, IWMP-III.	Myllem, Mawryngkneng, Laitkroh- Khatarshnong	4000	600	540	60	500.55	3337	23.19	155	523.75	3492
2	West Khasi Hills- IWMP-I, IWMP-II.	Mairang, Mawkyrwat.	5000	750	675	75	712.50	4750	24.5	163	737.00	4913
3	Jaintia Hills- IWMP-I, IWMP-II.	Thadlaskein, Laskein.	5000	750	675	75	702.54	4684	8.95	60	711.49	4744
4	Ri-Bhoi- IWMP-I, IWMP-II, IWMP-III.	Umsning, Jirang, Umling.	4000	600	540	60	516.62	3444	23.032	154	539.65	3598
5	East Garo Hills- IWMP-I, IWMP-II.	Songsak, Samanda.	4000	600	540	60	569.97	3800	0.010	0	569.98	3800
6	West Garo Hills- IWMP-I, IWMP-II, IWMP-III, IWMP-IV.	Rongram, Dadenggre, Selsella, Gambegre.	5000	750	675	75	712.49	4750	36.13	241	748.62	4991
7	South Garo Hills- IWMP-I, IWMP-II.	Chokpot, Rongara.	3000	450	405	45	427.27	2848	0	0	427.27	2848
Grand Total			30000	4500	4050	450	4141.96	27613	115.82	772	4257.78	28385

LIST OF SANCTIONED IWMP PROJECTS OF MEGHALAYA STATE DURING THE YEAR 2011-12 VIDE SANCTION LETTER NO.K.11013/1/2010/IWMP (Meghalaya), dt.13.08.2010  
Batch II (2010-2011) Rupees in Lakhs

Sl. No	District	Name of C&RD Block.	Area for treatment (ha)	Total Project Cost	Central Share 90%	State Share 10%	Achievement upto 2014-15		Achievement for 2015-16		Cummulative Achievement upto 2015-16	
							Financial	Physical	Financial	Physical	Financial	Physical
1	East Khasi Hills- IWMP-IV, IWMP-V, IWMP-VI, IWMP-VII, IWMP-VIII, IWMP-IX, IWMP-X.	Mawkynrew, Mawsynram, Mawphlang, Shella Bholagani, Pynursla, Mawsynram.	7000	1050	954	105	723.70	4825	35.97	240	759.67	5065
2	West Khasi Hills- IWMP-III, IWMP-IV, IWMP-V, IWMP-VI, IWMP-VII.	Mawthadraishan, Mawshynrut, Nongstoin, Ranikor, Mairang.	15000	2250	2025	225	1706.61	11377	119.87	799	1826.48	12176
3	Jaintia Hills- IWMP-III, IWMP-IV, IWMP-V.	Thadlaskein, Laskein, Amlarem.	12000	1800	1620	180	979.49	6530	409.31	2729	1388.81	9259
4	Ri-Bhoi- IWMP-IV, IWMP-V, IWMP-VI.	Umsning, Jirang, Umling.	4000	600	540	60	437.14	2914	14.441	96	451.58	3010
5	East Garo Hills- IWMP-III, IWMP-IV, IWMP-V, IWMP-VI.	Songsak, Resubelpara, kharkutta, Rongjeng.	5000	750	675	75	512.26	3415	74.60	497	586.86	3912

6	West Garo Hills- IWMP-V, IWMP-VI, IWMP-VII, IWMP- VIII, IWMP-IX.	Rongram, Zikzak, Dalu, Selsella, Tikrikilla.	5000	750	675	75	598.95	3993	99.611	664	698.56	4657
7	South Garo Hills- IWMP-III, IWMP-IV.	Baghmara, Casuapara.	4000	600	540	60	486.67	3244	0	0	486.67	3244
Grand Total			52000	7800	7029	780	5444.83	36298	753.82	5025	6198.65	41323

LIST OF SANCTIONED IWMP PROJECTS OF MEGHALAYA STATE DURING THE YEAR 2011-12 VIDE SANCTION LETTER NO.K.11013/1/2011/IWMP (Meghalaya),  
dt.30.06.2011

Batch III(2011-2012) Rupees in Lakhs

Sl. No	District	Name of C&RD Block	Area for treatment (ha)	Total Project Cost	Central Share 90%	State Share 10%	Achievement upto 2014-15		Achievement for 2015-16		Cumulative Achievement upto 2015-16	
							Financial	Physical	Financial	Physical	Financial	Physical
1	East Khasi Hills- IWMP-XI, IWMP-XII.	Mawphlang-Mawkynew-Mawryngkneng, Shella- Bholaganj-Mawsynram.	5000	750	675	75	260.49	1737	49.58	331	310.08	2068
2	West Khasi Hills- IWMP- VIII, IWMP- IX.	Nongstoin, Mawshynrut.	5000	750	675	75	330.52	2204	4.21	28	334.74	2232
3	Jaintia Hills- IWMP-VI, IWMP-VII.	Laskein-Thadlaskein, Laskein.	8000	1200	1080	120	309.54	2064	224.41	1496	533.95	3560
4	Ri-Bhoi- IWMP-VII	Umling, Jirang.	2500	375	337.5	37.5	157.00	1047	10.13	68	167.13	1115
5	East Garo Hills- IWMP-VII, IWMP-VIII.	Resubelpara-Samanda, Kharkutta-Rongjeng.	5000	750	675	75	337.18	2248	0.378	3	337.56	2251
6	West Garo Hills - IWMP-X, IWMP-XI, IWMP-XII.	Rongram, Selsella-Tikrikilla- Dadenggre, Zikzak-Dalu-Gamnagre.	8000	1200	1080	120	536.52	3577	2.629	18	539.15	3595
7	South Garo Hills- IWMP-V, IWMP-VI.	Chokpot, Rongara	4000	600	540	60	269.27	1795	0.001	0	269.27	1795
Grand Total			37500	5625	5062.5	562.5	2200.55	14672	291.36	1942	2491.91	16614

LIST OF SANCTIONED IWMP PROJECTS OF MEGHALAYA STATE DURING THE YEAR 2012-13 VIDE SANCTION LETTER NO.K-11013/4/2012/IWMP (MEGHALAYA). dt. 26.03.2013 & NO.K-11 013/4/2012/IWMP (MEGHALAYA). dt. 28.03.2013  
Batch IV(2012-2013) Rupees in Lakhs

Sl. No	District	Name of C&RD Block	Area for treatment (ha)	Total Project Cost	Central Share 90%	State Share 10%	Achievement upto 2014-15		Achievement for 2015-16		Cumulative Achievement upto 2015-16	
							Financial	Physical	Financial	Physical	Financial	Physical
1	East Khasi Hills- IWMP-XIII	Pynursla	4970	745.5	670.95	74.55	51.88	346	54.54	364	106.42	710
2	West Khasi Hills- IWMP-X, IWMP-XI.	Nongstoin, Mawkyrwat.	10900	1635	1471.5	163.5	318.07	2120	5.020	33	323.09	2153
3	Jaintia Hills- IWMP-VIII, IWMP-IX	Thadlaskein, Laskein.	6000	900	810	90	69.47	463	106.39	709	175.86	1172
4	Ri-Bhoi- IWMP-VIII	Umsning, Umling.	5000	750	675	75	95.37	636	8.8812	59	104.25	695
5	East Garo Hills-IWMP-IX, IWMP-X	Samanda, Rongjeng.	4000	600	540	60	120	800	0.162	1	120.16	801
6	West Garo Hills- IWMP-XIII, IWMP-XIV	Gambegre, Dalu-Zikzak.	4000	600	540	60	117.82	785	2.18034	15	120.000 3	800
7	South Garo Hills- IWMP-VII, IWMP-VIII	Baghmara, Chokpot.	4000	600	540	60	120	800	0	0	120	800
Grand Total			38870	5830.5	5247.5	583.05	892.62	5950	177.18	1181	1069.80	7131



LIST OF SANCTIONED IWMP PROJECTS OF MEGHALAYA STATE DURING THE YEAR 2013-14 VIDE SANCTION LETTER  
NO.K-11 013/4/2012/IWMP (MEGHALAYA). dt. 26.03.2013 & NO.K-11 013/4/2012/IWMP (MEGHALAYA). dt. 28.03.2013  
Batch V(2013-14) Rupees in Lakhs

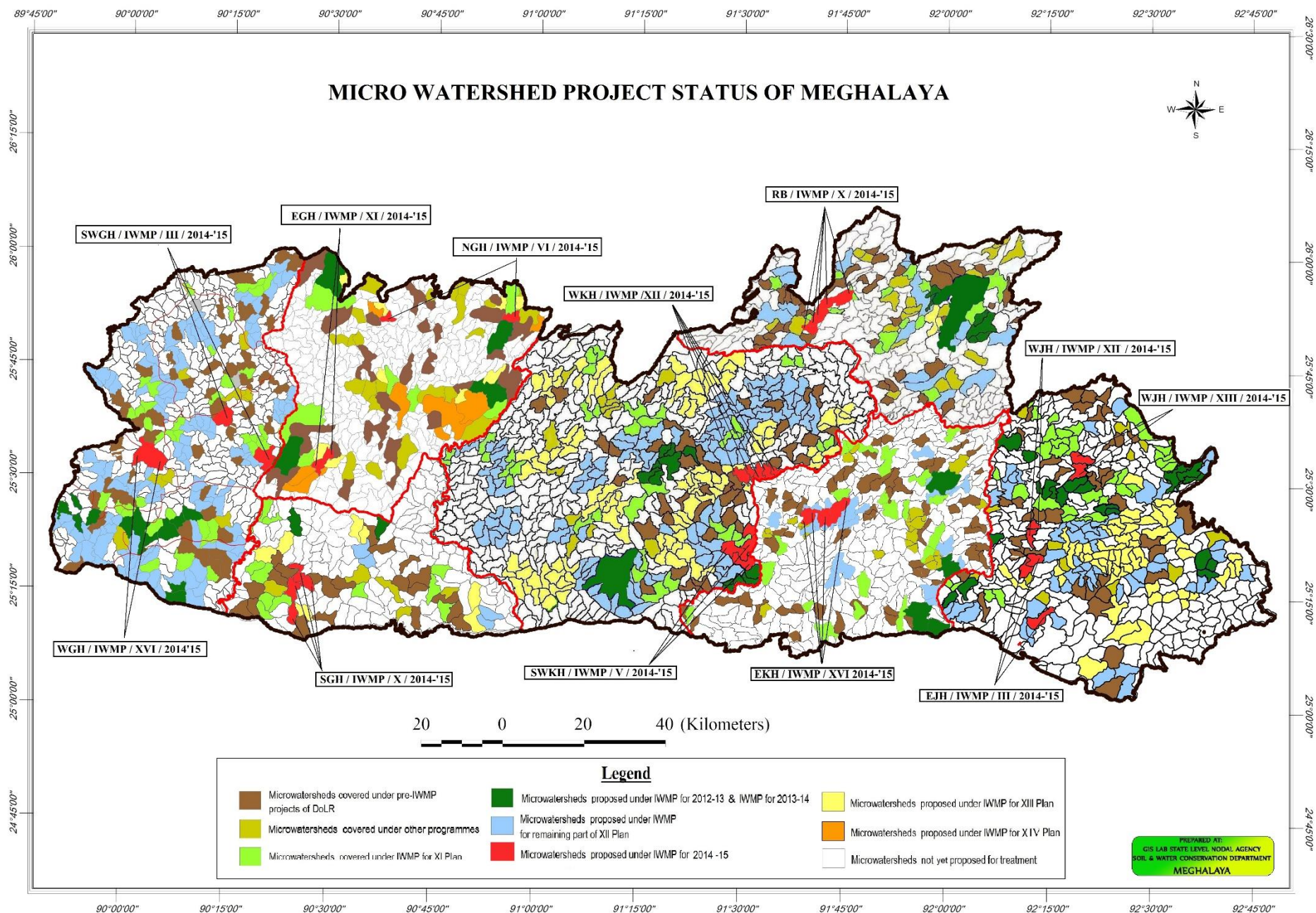
Sl. No.	District	Name of C&RD Block	Area for treatment (ha)	Total Project Cost	Central Share 90%	State Share 10%	Achievement upto 2014-15		Achievement for 2015-16		Cumulative Achievement upto 2015-16	
							Financial	Physical	Financial	Physical	Financial	Physical
1	East Khasi Hills- IWMP-XIV, IWMP XV	Mawryngkneng, Mawkynrew	5035	755.25	679.73	75.525	45.315	302	0	0	45.315	302
2	West Khasi Hills	-	-	-	-	-	0	-	-	-	-	-
3	South West Khasi Hills- IWMP-IV	Ranikor	5567	835.05	751.55	83.505	50.103	334	0	0	50.103	334
4	Ri-Bhoi- IWMP IX	Umsning & Umling	5000	750	675	75	45	300	0	0	45	300
5	East Jaintia Hills- IWMP- I	Saipung	2160	324	291.6	32.4	0	0	0	0	0	0
6	West Jaintia Hills- IWMP-X, IWMP-XI	Amlarem & Laskein	5910	886.5	797.85	88.65	72.63	484	0	0	72.63	484
7	East Garo Hills	-	-	-	-	-	0	-	-	-	-	-

8	North Garo Hills- IWMP-IV, IWMP-V	Resubelpara & Kharkutta	4500	675	607.5	67.5	40.5	270	0	0	40.5	270
9	South Garo Hills- IWMP- IX	Chokpot	3590	538.5	484.65	53.85	32.31	215	0	0	32.31	215
10	West Garo Hills	-	-	-	-	-	0	-	-	-	-	-
11	South West Garo Hills- IWMP-II	Zikzak-Gambegre	3980	597	537.3	59.7	35.82	239	0	0	35.82	239
Grand Total			35742	5361.3	4825.2	536.13	321.68	2145	0	0	321.68	2145

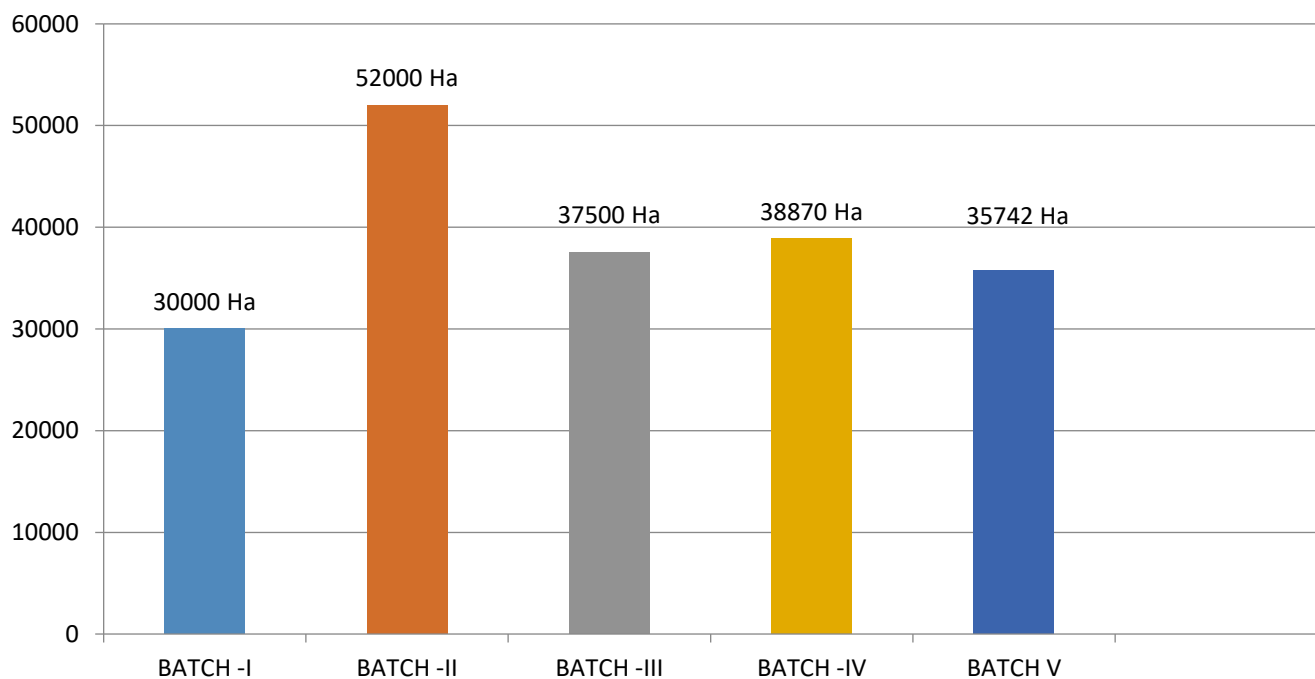
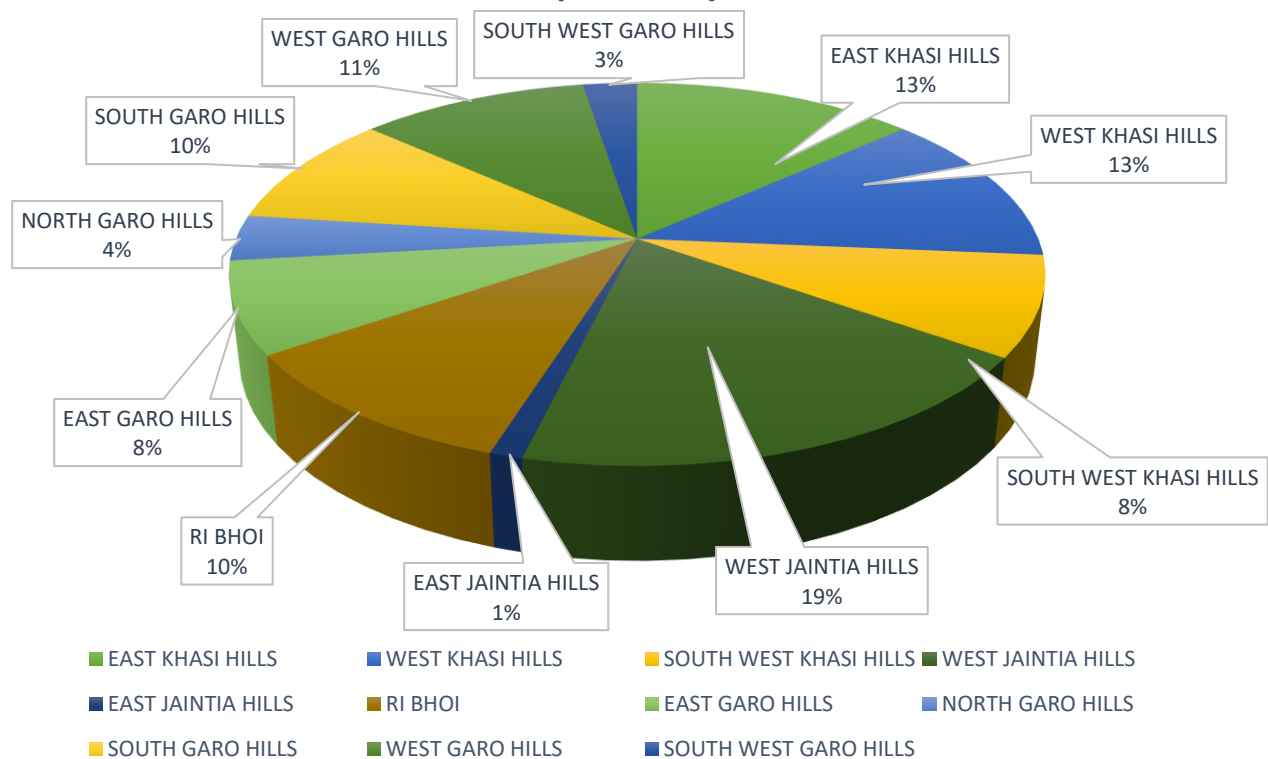
LIST OF SANCTIONED IWMP PROJECTS OF MEGHALAYA STATE DURING THE YEAR 2014-15 VIDE SANCTION LETTER  
NO.K-11013/4/2012/IWMP (MEGHALAYA). dt. 30th.03.2014  
Batch VI(2014-15) Rupees in Lakhs

Sl. No.	District	Name of C&RD Block	Area for treatment (ha)	Total Project Cost	Central Share 90%	State Share 10%	Achievement upto 2014-15		Cumulative Achievement upto 2015-16	
							Financial	Physical	Financial	Physical
1	East Khasi Hills IWMP XVI	Mawphlang & Mawsynram	4230	634.5	571.05	63.45	0	0	0	0
2	East Garo Hills IWMP-XI	Samanda	5000	750	675	75	0	0	0	0
3	East Jaintia Hills IWMP-II	Khliehriat	3060	459	413.1	45.9	0	0	0	0
4	North Garo Hills IWMP-VI	Resubelpara & Kharkutta	5000	750	675	75	0	0	0	0
5	Ri-Bhoi IWMP-X	Jirang	4000	600	540	60	0	0	0	0
6	South Garo Hills IWMP X	Chokpot	3030	454.5	409.05	45.45	0	0	0	0
7	South West Garo Hills IWMP III	Betasing & Selsella	2940	441	396.9	44.1	0	0	0	0
8	SOUTH WEST KHASI HILLS IWMP-V	Mawkyrwat	3279	491.85	442.67	49.185	0	0	0	0

9	West Khasi Hills IWMP-XII	Mairang	4230	634.5	571.05	63.45	0	0	0	0
10	West Garo Hills IWMP XV	Rongram	2740	411	369.9	41.1	0	0	0	0
11	West Jaintia Hills IWMP-XII	Thadlaskein	1010	151.5	136.35	15.15	0	0	0	0
	West Jaintia Hills IWMP-XII	Laskein	2030	304.5	274.05	30.45	0	0	0	0
Grand Total			40549	6082.4	5474.1	608.24	0	0	0	0



## DISTRICT WISE AREA OF IWMP PROJECTS UPTO BATCH V (2013-14)







RICE MILL AT BANGDAPARA UNDER DARU MWS  
South Garo Hills



SPRING TAPPED CHAMBER AT DIMLI MWS  
South West Garo Hills



**DUG OUT POND UNDER GANCHENG MICRO WATERSHED**

Name of the Project:- Gancheng Watershed  
Project:- XI  
Batch:- III  
Activity:- Dug Out Pond  
GPS:- N 25° 39' 46.4" E 90° 02' 9.38"  
Block:- Selsella C&RD  
District:- West Garo Hills  
Beneficiaries:- Potjeng Sangma



CAPACITY BUILDING PROGRAMME  
IWMP-VIII, West Garo Hills



Training on Poultry & Piggery Farming and Beekeeping for Farmers from various Watershed Projects, West Jaintia Hills



TRAINING PROGRAMME & CAPACITY BUILDING OF WC, SHG's, UG's UNDER UMSOHPAI WATERSHED IWMP-V, RI-Bhoi



MONITORING & EVALUATION BY SOCIAL AUDIT AT UMLANGLUT WATERSHED IWMP-III, , RI-Bhoi



## LIVELIHOOD ACTIVITIES



Location : Alokdia  
Name of Structure/work : Livelihood Activities  
Activity : Power Tiller (User Group)  
Name of Watershed : Satbanga Micro Watershed (IWMP)  
Block : Selsella C & R.D.  
District : West Garo Hills



Distribution of Fingerlings at Mawtari Village  
Lower Umpih Watershed RB-IWMP – IV



Distribution of Piglets at Umsamlem Village  
Lower Umran Watershed RB-IWMP – IV



Carpentry at Sohkyrbam Rim village  
under Umtawing WC RB-IWMP-V



Carpentry at Umsohpai village  
under Umsohpai WC RB-IWMP-V



Check Dam at Mawkhap Village  
Lower Umran Watershed Ri Bhoi



Water Harvesting Structure at Mawryngkang  
Ri Bhoi



NAME OF ACTIVITY : Dug out pond  
NAME OF WATERSHED : Umrapiang Watershed  
PROJECT NO. : IV  
BATCH NO. : II  
LOCATION : Mawlum  
C & RD BLOCK : Myllem  
DISTRICT : East Khasi Hills



NAME OF ACTIVITY : Protection Wall  
NAME OF WATERSHED : Wah Umyngdoh  
PROJECT NO. : IX  
BATCH NO. : II  
LOCATION : Krang Nonglum  
C & RD BLOCK : Mawphlang  
DISTRICT : East Khasi Hills



Distributing Seedlings to Beneficiaries



Agro-Forestry Area after Planting

NAME OF ACTIVITY : Agro-Forestry  
NAME OF WATERSHED : Umtajuh-Umkynshain  
PROJECT NO. : 2  
BATCH NO. : II  
LOCATION : Nongktieh  
C & RD BLOCK : Ranikor  
DISTRICT : South West Khasi Hills



NAME OF ACTIVITY : Agro-Horticulture  
NAME OF WATERSHED : Wah Ummluh  
PROJECT NO. : II  
BATCH NO. : I  
LOCATION : Pdengshnong  
C & RD BLOCK : Mawryngkneng  
DISTRICT : East Khasi Hills





Name of Activity : Check Dam  
Name of Watershed : Umwasor  
Project No. : IWMP-4  
Location : Rlangwar  
C&RD Block : Mawshynrut  
District : West Khasi Hills



Name of Activity : Protection Wall  
Name of Watershed : Umtynru-Weisar  
Project No. : IWMP-5  
Location : Shillangktieh  
C&RD Block : Nongstoin  
District : West Khasi Hills



Name of Activity : Production System & Micro-Enterprise  
Name of Watershed : Umnonglput-Umsier  
Project : IWMP-VII  
Batch : II  
Location : Pyrda  
C & RD Block : Mairang  
District : West Khasi Hills



Name of Activity : Production System & Micro-Enterprise  
Name of Watershed : Weinier  
Project : IWMP-V  
Batch : II  
Location : Sangriang  
C & RD Block : Nongstoin  
District : West Khasi Hills



Tea Plantation at Wakringtonggre, IWMP-V under Arim, Micro Watershed West Garo Hill



Dug Out Conservation Pond at Arim Micro watershed, West Garo Hills, IWMP-V



AT BIAR WIH-IWMP-VII



AT SOPHOH WIH-IWMP-VI

#### HORTICULTURE PLANTATIONS & AFFORESTATION WORKS



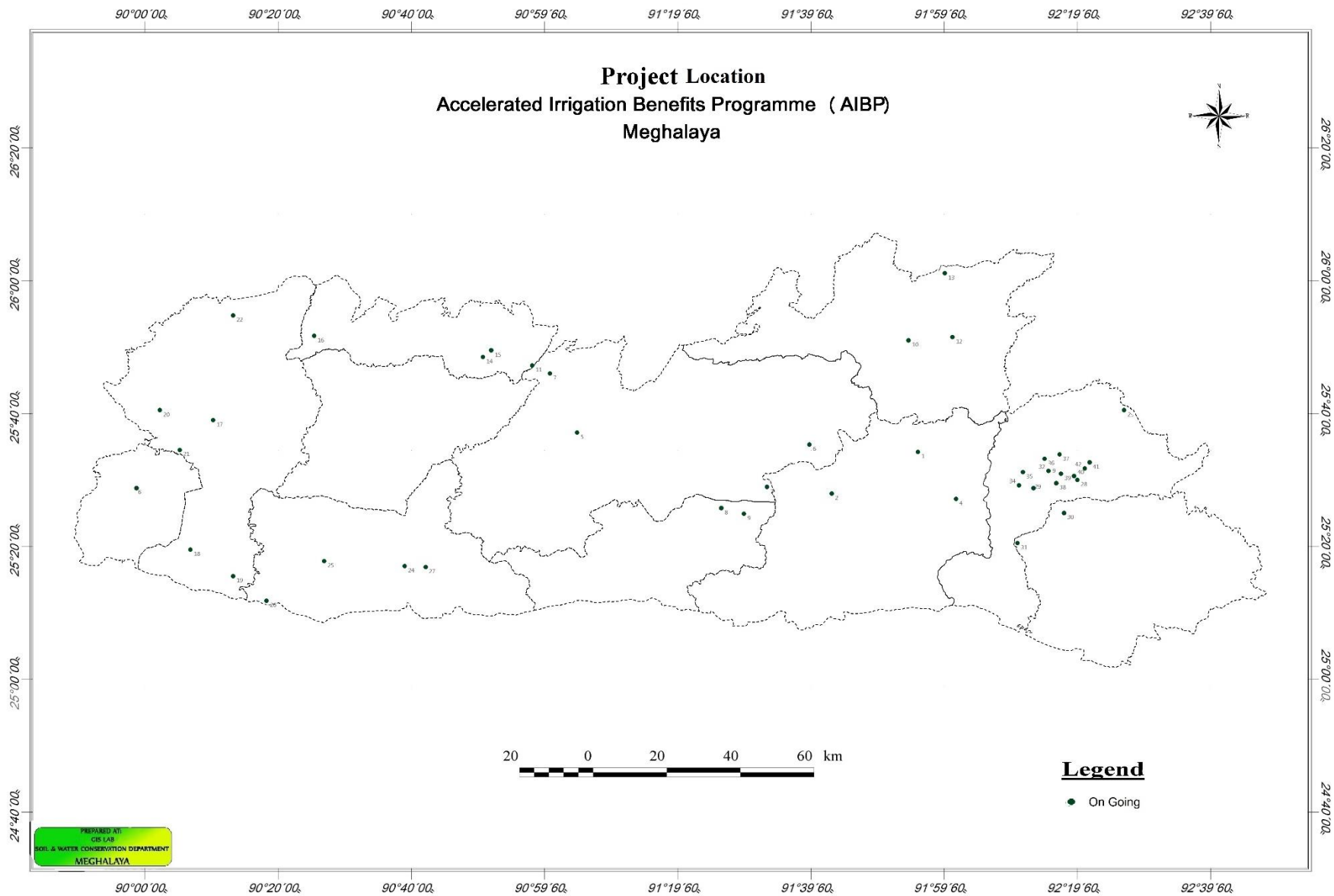
NAME OF ACTIVITY : Contour bund  
NAME OF WATERSHED : Middle Umlew  
PROJECT NO. : VIII  
BATCH NO. : II  
LOCATION : Jongksha  
C & RD BLOCK : Mawkynrew  
DISTRICT : East Khasi Hills

## 2.6 Accelerated Irrigation Benefits Programme (AIBP)

Name of District & Project	Name of C&RD Block	Total Project Cost Sanctioned			Total Potential Irrigation Area to be created (Hectare)	Expenditure incurred during 2013-2014			Potential created in 2013-14 (Hectare)	Expenditure incurred during 2014-15			Potential Area created during 2014-15 (Hectare)
		CS	SS	Total		CS	SS	Total		CS	SS	Total	
		(Rs. in Lakh)				(Rs. in Lakh)				(Rs. in Lakh)			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
East Khasi Hills													
Umladew	Mawryngkneng	113.28	12.59	125.87	260.00	22.66	2.52	25.18	52.00	0.00	0.00	0.00	0.00
Wah Khimmurah	Mawphlang	204.13	22.68	226.81	151.20	40.83	4.54	45.37	30.00	0.00	0.00	0.00	0.00
Wahtyrkhlang	Mawphlang	246.41	27.38	273.79	184.00	49.29	5.48	54.77	37.00	0.00	0.00	0.00	0.00
Umrangshim-Umjaipieh	Mawkynew	571.55	63.51	635.06	431.00	114.34	12.71	127.05	86.00	0.00	0.00	0.00	0.00
Umphaliang-Wah Jaroit	Mawryngkneng	368.03	40.89	408.92	280.00	73.63	8.18	81.81	56.00	0.00	0.00	0.00	0.00
West Khasi Hills													
Upper Khri	Mairang	502.59	55.84	558.43	367.00	100.55	11.17	111.72	73.00	0.00	0.00	0.00	0.00
Langdongdai	Mawshynrut	176.44	19.60	196.05	136.00	35.30	3.92	39.22	27.00	0.00	0.00	0.00	0.00
South West Khasi Hills													
Umkyinja	Mawkyrwat	349.97	38.89	388.86	374.00	70.02	7.78	77.80	75.00	0.00	0.00	0.00	0.00
Upper Umrilang	Mawkyrwat	815.37	90.60	905.97	607.00	163.12	18.12	181.24	121.00	0.00	0.00	0.00	0.00
Ri-Bhoi													
Umsaw	Umling	403.20	44.80	448.00	500.00	80.67	8.96	89.63	100.00	0.00	0.00	0.00	0.00
Middle Umrang	Umsning	401.49	44.61	446.10	260.00	80.32	8.92	89.24	52.00	0.00	0.00	0.00	0.00
Umkei	Umsning	300.40	33.38	333.78	219.00	60.10	6.67	66.77	44.00	0.00	0.00	0.00	0.00
Amparling	Umling	812.80	90.31	903.11	590.00	162.60	18.07	180.67	118.00	0.00	0.00	0.00	0.00
North Garo Hills													

Middle Ildek	Kharkutta	354.38	39.37	393.75	262.50	70.89	7.88	78.77	53.00	0.00	0.00	0.00	0.00
Middle Chil	Kharkutta	440.85	48.98	489.83	326.55	88.19	9.80	97.99	65.00	0.00	0.00	0.00	0.00
Rajing	Resubelpara	567.00	63.00	630.00	420.00	113.44	12.60	126.04	84.00	0.00	0.00	0.00	0.00
<i>West Garo Hills</i>													
Mongalgre-Dichinggre	Dadenggre	240.97	26.78	267.75	178.50	48.21	5.36	53.57	36.00	0.00	0.00	0.00	0.00
Middle Grim	Dalu	418.17	46.46	464.63	310.00	83.65	9.30	92.95	62.00	0.00	0.00	0.00	0.00
Bakla	Dalu	862.74	95.86	958.60	638.40	172.59	19.18	191.77	128.00	0.00	0.00	0.00	0.00
Dongdonga	Selsella	878.85	97.65	976.50	651.00	175.81	19.54	195.35	130.00	0.00	0.00	0.00	0.00
Lower Pilgi	Selsella	576.00	64.00	640.00	426.70	115.24	12.80	128.04	85.00	0.00	0.00	0.00	0.00
Roni-Dabong	Tikrikilla	708.75	78.75	787.50	525.00	141.79	15.75	157.54	105.00	0.00	0.00	0.00	0.00
<i>South West Garo Hills</i>													
Muji	Betasing	1034.53	114.95	1149.48	728.00	206.96	23.00	229.96	146.00	0.00	0.00	0.00	0.00
<i>South Garo Hills</i>													
Nengkong Rongdik	Baghmara	305.27	33.92	339.19	700.00	61.07	6.79	67.86	140.00	0.00	0.00	0.00	0.00
Dareng Warima	Chokpot	1367.56	151.95	1519.51	965.00	273.58	30.40	303.98	193.00	0.00	0.00	0.00	0.00
Lower Bugi	Gasuapara	1267.37	140.82	1408.19	894.00	253.54	28.17	281.71	179.00	0.00	0.00	0.00	0.00
Rongai	Rongara	764.76	84.97	849.73	540.00	152.99	17.00	169.99	108.00	0.00	0.00	0.00	0.00
<i>East Jaintia Hills</i>													
Lower Myntdu	Khliehriat	512.37	56.93	569.30	449.00	102.50	11.39	113.89	90.00	0.00	0.00	0.00	0.00
<i>West Jaintia Hills</i>													
Upper Umplu	Thadlaskein	413.14	45.90	459.04	310.00	82.65	9.18	91.83	62.00	0.00	0.00	0.00	0.00
Middle Myntdu	Thadlaskein & Khliehriat	889.15	98.80	987.95	660.00	177.88	19.76	197.64	132.00	0.00	0.00	0.00	0.00
Amrayang Umshyrpu	Amlarem	359.36	39.93	399.29	290.00	71.89	7.99	79.88	58.00	0.00	0.00	0.00	0.00

<i>Middle Myntang Group</i>													
Parmupliang Cluster	Thadlaskein	322.75	35.86	358.62	292.00	64.57	7.17	71.74	58.00	0.00	0.00	0.00	0.00
Wah Synshar Cluster	Thadlaskein	242.94	26.99	269.94	216.00	48.60	5.40	54.00	43.00	0.00	0.00	0.00	0.00
Thlu Ummulong Cluster	Thadlaskein	406.02	45.11	451.14	371.00	81.22	9.03	90.25	74.00	0.00	0.00	0.00	0.00
Umpawai Cluster	Thadlaskein	522.90	58.10	581.00	441.00	104.61	11.62	116.23	88.00	0.00	0.00	0.00	0.00
Nartiang Cluster	Thadlaskein	190.82	21.20	212.02	170.00	38.18	4.24	42.42	34.00	0.00	0.00	0.00	0.00
Nongingi Cluster	Thadlaskein	92.65	10.29	102.95	83.00	18.54	2.06	20.60	17.00	0.00	0.00	0.00	0.00
Wah Sabkjat Cluster	Thadlaskein	412.03	45.78	457.81	528.00	82.43	9.16	91.59	106.00	0.00	0.00	0.00	0.00
<i>Lower Myntang Group</i>													
Sasein Cluster	Thadlaskein	264.64	29.40	294.05	236.00	52.95	5.88	58.83	47.00	0.00	0.00	0.00	0.00
Myntwa Cluster	Laskein	217.93	24.21	242.15	175.00	43.60	4.84	48.44	35.00	0.00	0.00	0.00	0.00
Wah Yiangkar Cluster	Laskein	182.69	20.30	202.99	149.00	36.55	4.06	40.61	30.00	0.00	0.00	0.00	0.00
Wah Sawian Cluster	Laskein	49.77	5.53	55.30	42.00	9.95	1.11	11.06	8.00	0.00	0.00	0.00	0.00
Grand Total : 42 Nos.		20132.05	2236.90	22368.95	16336.85	4027.50	447.50	4475.00	3267.00	0.00	0.00	0.00	0.00







Irrigation Dam at Sasatbolgre Under Muji AIBP, Betasing Block, South West Garo Hills



IRRIGATION DAM AT BOLCHUGRE UNDER MUJI AIBP, Betasing Block, South West Garo Hills



NAME OF ACTIVITY	: Irrigation Channel
PROJECT NO.	: Wah Tyrikhang AIBP
LOCATION	: Domtoimaw
C& RD BLOCK	: Mawphlang
DISTRICT	: East Khasi Hills



#### R.C.C IRRIGATION DAM AT ASIMGRE, WEST GARO HILLS

Name of Project	: - Lower Pilgi Accelerated Irrigation Benefits Programme (AIBP)
Activities	: - R.C.C. Irrigation Dam.
Name of village	: - Asimgre
Name of Block	: - Rongram C& R. D. Block.
District	: - West Garo Hills.
Beneficiaries benefited	: - 33 Nos.



#### R.C.C. Irrigation Dam & Channel at Thibapara

Name of Project	: - Bakla RVP, Accelerated Irrigation Benefits Programme (AIBP)
Activities	: - R.C.C. Irrigation Dam& Channel.
Name of village	: - Thibapara
Name of Block	: - Dalu C& R. D. Block.
District	: - West Garo Hills.



RCC Dam at Lawslem Village under Wahkhimurah AIBP, East Khasi Hills



NAME OF ACTIVITY	: RCC Dam
LOCATION	: Impel
C& RD BLOCK	: Kharkutta
DISTRICT	: North Garo Hills



R.C.C DAM , AT MAWLEIN UNDER UMRANGSHIM-UMJAPIEH AIBP, East Khasi Hills

### 3.1 RECLAMATION OF DEGRADED LAND THROUGH COMMUNITY BASED AFFORESTATION AT DARUGRE VILLAGE UNDER INTEGRATED MANAGEMENT PROGRAMME (IWMP)

#### BACKGROUND:

Darugre village which falls under Zikzak C&RD Block was included as one of the project village under Daru Microwatershed Project for taking up development activities under Integrated Watershed Management Programme (IWMP) funded by Department of Land Resources, MoRD, Govt of India during 2010-11. The village is located at a distance of 8.55 km from the district headquarter, Ampati. The Microwatershed was selected based on following criteria:

1. Preponderance of degraded land/wasteland
2. Lack of assured irrigation facilities
3. High percentage of small and marginal farmers
4. Productivity potential of the land.

#### PRE PROJECT SCENARIO ON VEGETATIVE COVER:

Continuous clearing of natural forest cover for agriculture activity and horticulture development has created a large area of degraded land in the village. Decreased in vegetative cover not only exposes the land to various erosion problems thereby decreasing its productivity but has resulted in loss of biodiversity as well. Overall the decrease in vegetative cover has its major impact on the water regime due to the fact that the village is strategically located in area which feeds *Daru River*, the main river in South West Garo Hills through its tributaries namely, *Chidare-bokman & Mara-gandi Stream*.

With these perspectives, the villagers came together and formed Village Watershed Committee under the Project to undertake the responsibility of decision making, implementation and creating awareness on ecological degradation to the mass. Apart from various activities relating to NRM, Livelihood development and production system, the Committee in particular finds it imperative to include afforestation as one of the main activity of NRM.



PHOTO I: COMMUNITY BASED AFFORESTATION



## AFFORESTATION WORK IN THE VILLAGE:

During the initial phase (2010-11), Watershed Committee in its meeting took the decision to demarcate degraded land for afforestation activity and was included in their perspective action plan. The actual afforestation started during the year 2012 with the project contribution of Rs. 108000/- in 4.04 Ha area of degraded land which lies at a height of 62-89 metres above MSL. Significant contribution from the community was made in terms of labour for initial site clearance, pit digging and planting. Initially, about 4850 Nos of seedlings were planted and local spp were retained. After 4<sup>th</sup> year of planting, a total number of 2950 standing trees are present at the site. The details of the present status of afforestation programme at Darugre village is given in the table below:

AREA (Ha)	LOCATION	TYPE OF LAND SELECTED BY THE COMMUNITY FOR AFFORESTATION	TREES SPECIES SELECTED FOR AFFORESTATION		No OF SURVIVING TREES (after 4 <sup>TH</sup> year)	CRITERIA FOR SELECTION OF SPP
			BOTANICAL NAME	LOCAL NAME		
4.04	25° 26' 15.9481" N Lat 89° 59' 42.3643" E Long	-Highly degraded land  -Main catchment area for <i>chidare-bokman stream</i> , one of the first order stream in Daru catchment area.	Gmelina arborea	Gambare	750 Nos	-Fast growing spp -Timber value
			Trema orientalis	Pakkram	1800 Nos	-Fast growing -Nitrogen fixing -Good fuelwood
			Michelia champaca	Tetachap	Nil	-Timber value
			Tectona grandis	Segun	400 Nos	-Timber value
					2950 Nos	

## CONSTRAINTS AND OUTCOME:

The Watershed Committee faced various constraints during the initial stage of afforestation programme with the survival rate of merely 19-20%. Among various factors, the degraded soil fertility and biotic interference were some of the major reasons for such meagre success. However, with their constant effort, the community of darugre village has been able to nurture 1150 Nos of timber valued trees ie., Gmelina + Tectona. Besides, about 1800 Nos (Trema orientalis) which has grown as natural secondary species was retained along with the timber spp. The

retention of Trema orientalis would have positive impact on the existing plantation which being a fast growing is a good nitrogen fixing tree species. Being a good fuelwood species, it would also supplement

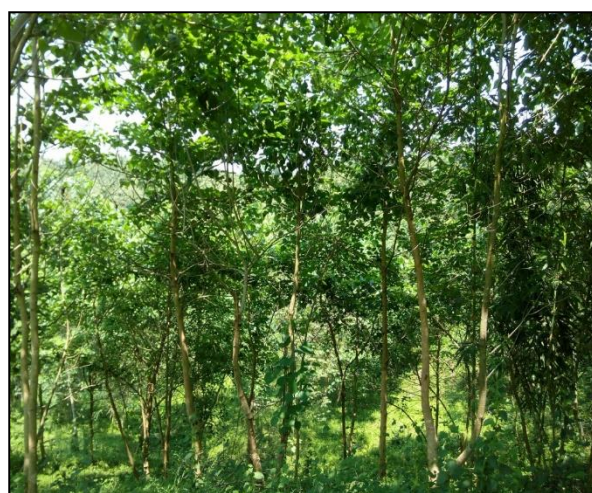


PHOTO II: GROWTH AFTER 4TH YEAR PLANTATION  
(Gmelina arborea)



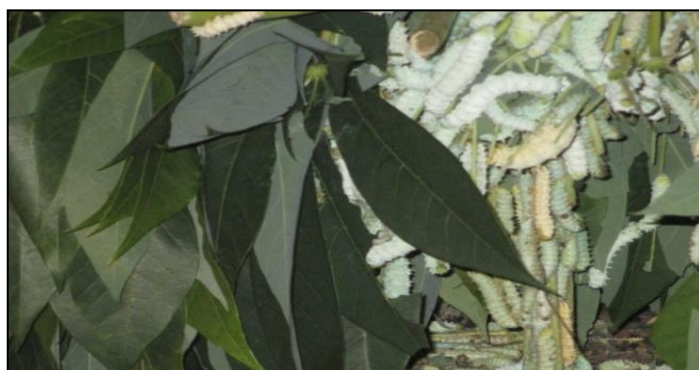
the fuel requirement of the village. Overall, the project has been successful in restoring fairly good canopy cover of 50-55% after 4th year of plantation.

### **CONCLUSION:**

With ever increasing population which at present stands at 660 persons (Darugre village- Census, 2011), there is always a tremendous pressure on existing land for other developmental activities thereby demoting the importance of maintaining forest areas as secondary. Thus, the eagerness of the community to respond to the need of maintaining community forest in itself is an achievement.

### 3.2 Success Story under Umtham Umkhlen Watershed IWMP- VIII (Batch - IV)

Issue	Explanation
<b>Name</b>	Silk Worm Rearing under Umtham Umkhlen Watershed IWMP- VIII.
<b>Village</b>	at Pamlaban village under Umsning C&RD Block
<b>Context and relevance / Justification</b>	The above activity is taken up as per the needs of the local people and there is a huge demand in the market. The demand for Silk products and handicraft materials is on the rise in our State in particular and in India as well. The domestic requirement has been made available to the Local people as well the business with the neighbouring villages is increasing and uplifts the economy of the SHG members as a whole. The Group's only activities was loan lending and savings with a little support from the IWMP has given more option to upgrade their livelihood activities.
<b>Impact / Benefits</b>	The product cost that the group use to sell is @ Rs. 3000/ which is the market value of the Traditional products. They were also involved in showcasing their product in one of the Exhibition conducted for two days by the District Handloom.
<b>Time-span</b>	The product can be easily obtained within a short time, for instance, to complete knitting 10 nos. of local shawls, it takes only one month. Thus, if this skill is imparted to the other local people, the time span to get the product can be reduced to a great extent.
<b>Level</b>	Village Level, at watershed level and even up to the state level.
<b>Resource requirements</b>	Within the available resources of the IWMP, the product may not be able to reach up to the market level. Provision of support from additional resources would meet the demand of the public at the village and state level as well. 1. Financial Support – Funding through IWMP 2. Capacity Building. 3. Technical skills and Knowledge. The funding is done through IWMP which is Rs 45,000/- (@ Rs 15,000 per Unit) and belongs to the head of Production system and Micro-enterprise
<b>Replication and up-scaling</b>	It can be easily replicated to other parts of the Village and the nearby Villages as well. This can be done through agro-ecological zones and socio- economic homogeneity. To achieve this, the context that is required to be fulfilled is additional capacity building efforts- More trainings are necessary in order to replicate this activity; and for up-scaling it, raw materials are also needed in large amount. Thus, rearing of silkworms is needed to be made aware to the villagers, as one step to obtain the necessary raw materials for this activity additional financial resource- financial assistance is needed for the handloom and weaving tools.
<b>Knowledge transfer</b>	The knowledge can be easily transferred without any specialised agencies.
<b>Sustainability</b>	The Tradition weaving method has been practice for a very long time and its product is often favored by majority of the tribal in the North East and even other parts of the country in contemporary world. Therefore acknowledging the demand of the product by many this activity has been taken up and continued till today and will go on to improve in the future.
<b>Exposure visits</b>	This activity/practice can be seen in RRTC, Sericulture Dept.



### 3.3 VOICES OF THE PEOPLE

Nokma and the people of Wakingtonggre village said that they are thankful and grateful to the implementing agency, ie. Soil & Water Conservation Department for taking up Arim micro watershed under IWMP-V at Wakingtonggre Village.

They said that implementation of the activities like Spring Chambers, Dug out Ponds, Check dam-cum Irrigation Channel, Irrigation Dam, Wet terracing, Protection Wall, Tea Plantation, Rubber Plantation, Grocery, Dairy Farming, Pisciculture, Weaving and Tailoring have been done under the project which have changed many lives and improved the living condition of many.

Such example has encouraged other farmers to follow such activities with enthusiasm which can contribute to the improvement of their livelihood.

Sl. No	Name of Beneficiaries		Signature
1	Tolan	Marah	T Marah
2	Repen	Sangma	R Sangma
3	Ajitson	Sangma	U Sangma
4	Chajing	Marah	Ch Marah
5	Tanelson	Sangma	G Sangma
6	Grihilton	Marah	G Marah
7	Suben	Marah (NOKMA) (W.C. CHAIRMAN) ARIM W/S	G Marah

# DORBAR SHNONG KBET NONGBRI

Raid Nongbri Myllem Syiemship

Ri-Bhoi District Nongpoh

Pin-793102

Ref No:.....

Date: Kbet Nongbri

The :

Ha

u Ranger Soil & water conservation  
Ri Bhoi District Nongpoh.

Subject: Ka jingioh jingmyntoi

Saher, badonburam,

Ngi kum ka Dorbar Shnong  
Kbet Nongbri, Ri Bho District, ngi  
sngewkha ban lathuh ka khmat  
ka jingtip jingphi. ka naduh ka  
ngi la ioh. hyngha ka Entay pout  
ban shna bha. ia ka tyllang um,  
ka la longshikha ka jingmyntoi ia  
ki paidbah Nongshong Shnong. Kiba  
ban ki ba di na ka tei ka tyllang  
um.

Ngim don eiei ban siemtylliang  
iaphi hynnei tany ka jingsewnguh  
khuklei shibun



### 3.4 Right to Information (RTI)

Sl No	Districts	Number of RTIs							Remarks
		Year 2009-10	Year 2010-11	Year 2011-12	Year 2012-13	Year 2013-14	Year 2014-15	Year 2015-16	
1	East Khasi Hills	7	4	5		18	4	1	
2	Ri-Bhoi		3			4	23	6	
3	West Khasi Hills	2	8	1	5			2	
4	South West Khasi Hills							5	
5	West Jaintia Hills	1	4		7	4	9	13	
6	East Jaintia Hills								
7	Cash Crop ,Jowai						4	2	
8	West Garo Hills	2			1				
9	South West Garo Hills								
10	South Garo Hills		2						
11	East Garo Hills								
12	North Garo Hills						3	2	
13	Soil Survey						3	1	
14	Cash Crop ,Shillong						3	1	
15	Directorate, Shillong		2	1	8	5	3		
	Total	12	23	7	21	31	52	33	

### **3.5 CONSERVATION TRAINING INSTITUTE (CTI), BYRNIHAT**

The Conservation Training Institute (CTI) is one of the oldest Institutes in the North Eastern Region of India. It has immensely and consistently contributed to soil and water conservation in the region since its establishment in **15<sup>th</sup> October, 1973**, by meeting the training requirements of the Department and allied organizations of the state as well as the region as a whole both at the Soil and Water Conservation Demonstrator/ Forester Level and Range Officer Level.

The Conservation Training Institute mainly conducts two long term training programmes, namely:-

1. **Field Assistant Training Programme:** - The Field Assistant Training Programme is designed for Field Executives in the Rank of Soil & Water Conservation Demonstrator Junior-I and equivalent. Altogether 51(fifty-one) Nos. currently undergoing training under the **44<sup>th</sup> Batch Field Assistant Training Programme 2016-2017 is 40 (Forty) Nos.** The total number of trainees trained under the programme during 43<sup>rd</sup> Batch Field Assistant Training Course 2014-2015 is 51(Fifty One) Nos.
2. **Middle Level Technician Training Programme:** - The 28<sup>th</sup> Batch Middle Level Technician Training Programme (MLTTP) was conducted from the 15<sup>th</sup> June 2015 to 30<sup>th</sup> November 2015. This Batch comprised of 11(eleven) Nos. trainees. One of the trainee had left the training course due to ill health and 10(ten) Nos. of trainees had completed the training Programme successfully. Till date 263 (two hundred sixty three) numbers of trainees have successfully completed the training programme from the Department of Soil and Water Conservation of the State of Meghalaya.

### **3.6 Meghalaya Commercial Crops Development Board (MCCDB)**

The Meghalaya Commercial Crops Development Board (MCCDB) came into being vide an Act called the Meghalaya Commercial Crops Development Board Act, 1996 effected from 1st June, 1997. However, the MCCDB actually formally inaugurated its office at Dhankheti, Shillong on the 3rd August, 2001 and its nucleus Branch at Tura was inaugurated on the 21st May, 2002. The activities of the Board include the promotion of commercial crops cultivation, processing and marketing in the State.

#### **Particular of Rubber Seedling Nurseries:**

- i. Raising of Rubber Seedling 2015-16.....37,000 nos at Khasi & Jaintia Hills
- ii. Maintenance of Rubber Seedling (Creation 2014-15)..... 100,000 nos at Khasi & Jaintia Hills  
100,000 nos at Garo Hills

#### **Rubber bud wood nurseries: (Creation -2006-07 to 2010-11)**

- i. Maintenance – 72,00 nos at CTI-Byrnihat

### **3.7 E-GOVERNANCE**

Initiatives taken under e-governance by the Department:

1. **Departmental website – [www.Megsoil.gov.in](http://www.Megsoil.gov.in)**

❖ **Main Content**

- Why Soil and Water Conservation
- Basic Information
- Major Programmes
- Guidelines for Central Schemes
- Training Institute
- Achievements
- Annual Report
- Citizens' Charter
- Right to Information - Suo Moto Disclosure under RTI Act.
- IWMP (Integrated Watershed Management Programme)- Detailed Project Report
- MCCDB (Meghalaya Commercial Crops Development Board)

❖ **Others**

- Notice Board
- Picture Gallery

2. **Management information system (MIS) IWMP.**

3. **Public Financial Management System (PFMS).**

4. **Process Monitoring Software (PMS).**

5. **DPR, Estimation & Hydrogeology Application IWMP.**

6. **BHUVAN - Drishti-Srishti.**



### **3.8 EDUCATION AND TRAINING 2015-2016**

**With effect from 1<sup>st</sup> April, 2015 to 31<sup>st</sup> March, 2016.**

1. The following officers attended the training programme on “strategies for promoting small holders ‘Micro Enterprises and Livelihoods in Hilly Region” With effect from 17<sup>th</sup> – 21<sup>st</sup> August, 2015 at SIRD, Nongsder, Ri-Bhoi.
  - i. Smti.Sylvia Pohsnem, Divisional Soil & Water Conservation Officer, Jowai (CC).
  - ii. Shri.A.Lamare, Divisional Soil & Water Conservation Officer, Joint Director Soil & Water Conservation, CTI, Byrnihat.
  - iii. Shri.E.Laloo, Divisional Soil & Water Conservation Officer, Joint Director Soil & Water Conservation, CTI, Byrnihat.
  - iv. Shri.H.R.Sangma, Divisional Soil & Water Conservation Officer, Simsanggre.
2. The Department deputed Shri.Joseph Ch.Marak, Assistant Soil & Water Conservation Officer, Simsanggre to attend the training on “Peoples participation and community organization in Watershed” with effect from 18<sup>th</sup> – 22<sup>nd</sup> January, 2016 at SIRD, Nongsder.
3. Shri.G.Kharmujai, Joint Director Soil & Water Conservation (Hq) attended the seminar on value links introductory with effect from 13<sup>th</sup> – 17<sup>th</sup> April, 2015 in Kohima, Nagaland.
4. Following officers attended the Workshop on participatory groundwater Management at Guwahati with effect from 23<sup>rd</sup> – 24<sup>th</sup> April, 2015.
  - i. Shri. D.Langstieh, Director Soil & Water Conservation.
  - ii. Shri. W.Rymbai, Additional Director Soil & Water Conservation.
  - iii. Shri. G.Kharmujai, Joint Director Soil & Water Conservation (Hq).
  - iv. Shri. S.K.SAngma, Joint Director Soil & Water Conservation, Tura.
  - v. Shri. D.L.Warbah, Joint Director Soil & Water Conservation, CTI, Byrnihat.
  - vi. Smti. V.Papang, Planning Officer, Directorate Soil & Water Conservation.
5. Department deputed Shri. E.Kharkrang, Assistant Soil & Water Conservation Officer, South West Khasi Hills District, Mawkyrwat to attend the Spring Workshop held with effect from 11<sup>th</sup> – 17<sup>th</sup> May, 2015 at Bhimtal, Uttarakhand.
6. Workshop on Bio-Resources and sustainable Development on 15<sup>th</sup> May, 2015 at Shillong attended by Shri. G.Kharmujai, Joint Director Soil & Water Conservation (Hq).
7. Department deputed Shri. G.Kharmujai, Joint Director Soil & Water Conservation (Hq) to attend the workshop on Jal Kranti Abhiyan on 29<sup>th</sup> January, 2016 at SIRD, Nongsder.

8. Department deputed Shri. G.Kharmujai, Joint Director Soil & Water Conservation (Hq) to attend the Workshop on “Land Policy for Poverty Alleviation status and way Forward” held on 29<sup>th</sup> February to 2<sup>nd</sup> March, 2016 at NIRD-NERC, Guwahati.
9. Department deputed Smti. V.Papang, Planning Officer, Directorate Soil & Water Conservation to attend the workshop on Bio-Resources and Sustainable Development on Bio-Resources and Sustainable Development on 15<sup>th</sup> May, 2015.
  - i. Smti. V.Papang, Planning Officer, Directorate Soil & Water Conservation.
  - ii. Smti. D.Diengdoh, Assistant Soil & Water Conservation Officer, Shillong (T).
  - iii. Shri. E.Syiemiong, Assistant Soil & Water Conservation Officer, Ri-Bhoi.
10. Capsule Training course for Gram Sevaks/Sevika held with effect from 5<sup>th</sup> – 20<sup>th</sup> April, 2016 at SIRD, Nongsder, Ri-Bhoi.
  - i. Smti. V.Papang, Planning Officer, Directorate Soil & Water Conservation.
  - ii. Smti. D.Diengdoh, Assistant Soil & Water Conservation Officer, Shillong (T).
  - iii. Shri. E.Syiemiong, Assistant Soil & Water Conservation Officer, Ri-Bhoi.
11. Training Programme on “Right to Information Act, 2005” for the Head of Department held on 5<sup>th</sup> March, 2015 at MATI.
  - i. Shri. D.Khonglah, Divisional Soil & Water Conservation Officer, Shillong (T).
  - ii. Smti. I.Nongkhlaw, Divisional Soil & Water Conservation Officer, PFC.
12. Following officers attended the Training on Ethics and Development with effect from 16<sup>th</sup> – 18<sup>th</sup> April, 2015 at SIRD, Nongsder, Ri-Bhoi.
  - i. Smti. I.Nongkhlaw, Divisional Soil & Water Conservation Officer, PFC.
  - ii. Smti. S.Pohsnem, Divisional Soil & Water Conservation Officer, Jowai (CC).
  - iii. Shri. P.Rapthap, Divisional Soil & Water Conservation Officer, Engineering.
  - iv. Shri. M.Karbani, Assistant Soil & Water Conservation Officer, CTI, Byrnihat.
13. Following officers attended Regional Programme on “Strategies and small holders Micro Enterprises and Livelihoods in Hilly Region” with effect from 17<sup>th</sup> – 21<sup>st</sup> August, 2015 at SIRD, Nongsder.
  - i. Smti. S.Pohsnem, Divisional Soil & Water Conservation Officer, Jowai (CC).
  - ii. Shri. A.Lamare, Divisional Soil & Water Conservation Officer, CTI, Byrnihat.
  - iii. Shri. E.Laloo, Divisional Soil & Water Conservation Officer, Joint Director Soil & Water Conservation, CTI, Byrnihat.
14. Following officers attended the Training on “Advances in Soil Resources Inventory for Agriculture Land use Planning using Remote Sensing and Geographical Information System with effect from 15<sup>th</sup> September – 5<sup>th</sup> October, 2015 at Jorhat.
  - i. Shri. A.Lamare, Divisional Soil & Water Conservation Officer, CTI, Byrnihat.

15. Following officers attended the workshop on Gender Budgeting from 10<sup>th</sup> – 12<sup>th</sup> February, 2016.
- Smti. P.P.Lyngdoh, Divisional Soil & Water Conservation Officer, CTI, Byrnihat.
16. Following officers attended the workshop on “Water use Efficiency, Equity through participatory Irrigation Management” with effect from 29<sup>th</sup> – 30<sup>th</sup> January, 2016 at NIRD, Guwanhati.
- Shri. L.Shabong, Assistant Soil & Water Conservation Officer, CTI, Byrnihat.
  - Shri. K.S.Pale, Assistant Soil & Water Conservation Officer, Jowai (T).
17. Department deputed Shri. L.Shabong, Soil & Water Conservation Officer (MEU) to attend the workshop on “Promoting space Technology based and application in Governance and Development in the State of Meghalaya held on 16<sup>th</sup> February, 2016 at NESAC.
18. Workshop on “Application and uses of Hydro-Geomorphological Maps (HGMS) for Ground Water Prospection and Linkages” with effect from 28<sup>th</sup> – 29<sup>th</sup> march, 2016 at Pusa Campus, New Delhi attended by Shri.L.Shabong, Soil & Water Conservation Officer (MEU) Directorate.
19. 2<sup>nd</sup> Regional Workshop on R&R on national Forest Policy with effect from 13<sup>th</sup> – 14<sup>th</sup> October, 2015 at North Eastern Hills University, Shillong attended by:
- Shri. N.J.S.Kharmalki, Assistant Soil & Water Conservation Officer, Shillong (T).
20. Regional Workshop under SIS-DP Project held on 7<sup>th</sup> December, 2015 at NESAC.
- Shri. N.J.S.Kharmalki, Assistant Soil & Water Conservation Officer, Shillong (T).
  - Smti. C.S.Thabor, Assistant Soil & Water Conservation Officer (MEU) Directorate.
21. Department deputed Smti. C.S.Thabor, Assistant Soil & Water Conservation Officer (MEU) Directorate to attend the training on updation of Website held with effect from 2<sup>nd</sup> – 4<sup>th</sup> June, 2015. At NIC, Shillong.
22. Training programme on “ Participatory Approaches for Irrigation management” with effect from 23<sup>rd</sup> – 27<sup>th</sup> February, 2015 at NIRD-NERC, Guwahati attended by:
- Shri. JJ Lakinag, Assistant Soil & Water Conservation Officer, Jowai (T).
  - Shri. E.Kharkrang, Assistant Soil & Water Conservation Officer, Mawkyrwat.
23. Training programme on preparation of Project Proposal for Techno-Economic Clearance and for funding under Centrally sponsored scheme of AIBP/FMP/RRR of Water Bodies for NE Region with effect from 16<sup>th</sup> – 17<sup>th</sup> July, 2015 at the NW Academy, Pune attended by:
- Shri. P.Rapthap, Divisional Soil & Water Conservation Officer, Engineering.
  - Shri. N.J.S.Kharmalki, Assistant Soil & Water Conservation Officer, Shillong (T).
  - Shri. C.Ch.Marak, Assistant Soil & Water Conservation Officer, Ampati.
24. Department deputed Shri. P.Rapthap, Divisional Soil & Water Conservation Officer, Engineering as a Resource Person to impart training on “Soil & Water Conservation” on 30<sup>th</sup> November, 2015 at IATC, Upper Shillong.

25. Following officer attended the training on “Management of Organic Farming Scope at Opportunities in NE Region” with effect from 18<sup>th</sup> – 25<sup>th</sup> November, 2015.
  - i. Shri. H.R.Sangma, Divisional Soil & Water Conservation Officer, Tura (CC).
  - ii. Shri. J.J.Lakinag, Assistant Soil & Water Conservation Officer, Jowai (T).
  - iii. Shri. F.Syiemiong, Assistant Soil & Water Conservation Officer, Ri-Bhoi.
26. Training on Soil & Land Resources data Base for Integrated Watershed Management programme from 20<sup>th</sup> – 22<sup>nd</sup> January, 2016 at Kolkata attended by:
  - i. Shri. Battacharjee, Assistant Soil & Water Conservation Officer, PFC.
27. Spring Workshop held on 11<sup>th</sup> – 17<sup>th</sup> may, 2015 at Bhimtal, Uttarakhand attended by:
  - i. Shri. E.Kharkrang, Assistant Soil & Water Conservation Officer, Mawkyrwat.
28. Training on Ethics and Development to be held with effect from 11<sup>th</sup> – 13<sup>th</sup> may, 2015 at SIRD, Nongsder, Ri-Bhoi attended by:
  - i. Shri. M.S.Dkhar, Assistant Soil & Water Conservation Officer, Soil Survey.
29. Workshop on “land Policy for Portery Alleviation Status and Way Forwarded held with effect from 29<sup>th</sup> February to 2<sup>nd</sup> march, 2016 at NIRD-NERC, Guwahati.
  - i. Shri. G.Kharmujai, Joint Director Soil & Water Conservation (Hq).
  - ii. Shri. D.L.Warbah, Joint Director Soil & Water Conservation, CTI, Byrnihat.
30. Training Programme on “Management of Organic Farming Scope & Opportunities in NE Region w.e.f. 18<sup>th</sup> -25<sup>th</sup> November 2015 at ICAR, Umiam attended by the following Officers:
  - i. Shri. J. J. Lakiang, Assistant Soil & Water Conservation Officer, Jowai (T)
  - ii. Shri. T. War, Assistant Soil & Water Conservation Officer, Khliehriat
  - iii. Shri. M. Sun, Assistant Soil & Water Conservation Officer, Shillong (CC)
  - iv. Shri. E. Kharkrang, Assistant Soil & Water Conservation Officer, Mawkyrwat
  - v. Smti M. Bani, Assistant Soil & Water Conservation Officer, Nongstoin
31. Workshop on various e-Governance Initiatives under Mission Mode Projects (MMPS) at MATI on 26<sup>th</sup> February 2016 attended by:
  - i. Shri. J. J. Lakiang, Assistant Soil & Water Conservation Officer, Jowai (T)
  - ii. Shri. E. Kharkrang, Assistant Soil & Water Conservation Officer, Mawkyrwat
32. Training on “ Developing Agripreneurship through value- addition & processing of Agriculture procedure w.e.f. 1<sup>st</sup> – 8<sup>th</sup> March 2016 at ICAR, Umiam attended by:
  - i. Shri. P. Marwein, Assistant Soil & Water Conservation Officer, Jowai (T)
  - ii. Shri. M. Sun, Assistant Soil & Water Conservation Officer, Shillong (CC)
  - iii. Shri. L. Areng, Assistant Soil & Water Conservation Officer, Baghmara
  - iv. Shri. C. H. D. Sangma, Assistant Soil & Water Conservation Officer, Tura (T).

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