

**IMPLEMENTATION OF WATERSHED
DEVELOPMENT/MANAGEMENT PROGRAMMES IN**

MIZORAM

PRESENTED BY

**RURAL DEVELOPMENT DEPARTMENT
MIZORAM**

OVERVIEW OF THE PLAN FOR WATERSHED DEVELOPMENT

SI No	Items	No	Area (in Ha)	
1	Total No. of Micro Watersheds in the state	2711	21,08,700	
2	Total No. of untreatable Micro Watersheds (Habitation, Forest cover, water bodies, wild life sanctuaries, steep slopes)	78	93,698	
3	Total No. of treatable Micro Watersheds in the state	2633	20,15,002	
4	No. of MWS covered under different schemes	680	5,63,028	
5	Total No. of MWs not to be covered	982	8,20,928	
6	Plan for covering balance Micro Watersheds	11 th Plan	294	1,85,581
		12 th Plan	282	1,84,111
		13 th Plan	231	1,45,720
		14 th Plan	164	1,15,634
		TOTAL	971	6,31,046

DETAILS OF SANCTIONS UNDER IWMP DURING 2009 - 2010

- No of Projects sanctioned **16**
- No of Micro Watersheds covered **100**
- Area to be covered (In Ha) **62,435 Ha**
- Project cost **Rs. 93.6525 crores**
- Central Share received **Rs. 5.0572 crores**
(6% as part of 1st instalment of 20%)
- State Share received **Sanction awaited**
- Institutional support fund received for SLNA **Rs. 62.08 lakhs**
- Institutional support fund received for DWCDC **Rs. 68.00 lakhs**

STATUS OF IMPLEMENTATION OF 2009 – 2010 PROJECTS

- Memorandum of Understanding between SLNA and District Watershed-cum-Data Centre signed with all districts, except Saiha District.
- Institutional support funds and project funds have been released to all districts, except Saiha District.
- State level workshop on Capacity Building was held on 6th & 7th May, 2010. Attended by SIRD and all KVKs.
- Six days training on preparation of DPR and watershed management for PIAs to be conducted by Soil Conservation Society of India from 26th to 31st May, 2010.
- Districts have been given 30th June 2010 as the last date for submission of DPR.

STATUS OF IMPLEMENTATION OF 2009 – 2010 PROJECTS (Contd.)

- A two-days sensitization programme for PIAs will be conducted by SIRD during second week of June 2010. Focus to be given to PRA, EPA, AAP and WDF.
- A four-days training programme for WDTs to be conducted by SIRD during the third week of June 2010.
- A three-days training programme for Watershed Committees (WCs) & Village Councils (VCs) to be conducted at the district and village levels by SIRD from the first week of July till August 2010.
- Mass awareness campaigns also to be conducted at the village level during July and August 2010.

CAPACITY BUILDING INSTITUTIONS IDENTIFIED

Sl. No	Name of the institute	Type	Specialization
1	NIRD, Guwahati & Hyderabad	Central Govt.	Rural development and watershed management
2	State Institute of Rural Development (SIRD), Kolasib, Mizoram and its Extension Training Centres (ETCs) at Thingsulthliah and Pukpui	State Govt.	Rural development and watershed management.
3	Indian Council for Agricultural Research (ICAR), Kolasib, Mizoram	Central Govt.	Agriculture, horticulture and allied subjects
4	Indian Council for Agricultural Research (ICAR), Barapani, Meghalaya	Central Govt.	Agriculture, horticulture and allied subjects
5	Central Soil and Water Conservation Research and Training Institute (CSWCRTI)	Central Govt.	Niche based sustainable development and livelihood security in agricultural and allied sector.
6	Krishi Vigyan Kendra (KVK) Kolasib, Mizoram	State Govt.	Home Science, animal husbandry, agriculture and allied subjects

CAPACITY BUILDING INSTITUTIONS IDENTIFIED

Sl. No	Name of the institute	Type	Specialization
7	Krishi Vigyan Kendra (KVK) North Vanlaiphai, Mizoram	State Govt.	Home Science, animal husbandry, agriculture and allied subjects
8	Krishi Vigyan Kendra (KVK) Saiha, Mizoram	State Govt.	Home Science, animal husbandry, agriculture and allied subjects
9	Krishi Vigyan Kendra (KVK) Lawngtlai, Mizoram	State Govt.	Home Science, animal husbandry, agriculture and allied subjects
10	Krishi Vigyan Kendra (KVK) Hnahthial, Mizoram	State Govt.	Home Science, animal husbandry, agriculture and allied subjects
11	Krishi Vigyan Kendra (KVK) Khawzawl, Mizoram	State Govt.	Home Science, animal husbandry, agriculture and allied subjects
12	Krishi Vigyan Kendra (KVK) Lengpui, Mizoram	State Govt.	Home Science, animal husbandry, agriculture and allied subjects

CAPACITY BUILDING INSTITUTIONS IDENTIFIED

Sl. No	Name of the institute	Type	Specialization
13	National Institute of Agricultural Extension Management (MANAGE)	Central Govt.	Institution of Administrations in all sectors of Agricultural economy enable to provide most effective support and services to Farmers and Fishermen for practicing Sustainable Agriculture.
14	Soil and Land Use Survey of India	Central Govt.	Soil mapping, reconnaissance surveys for identification and demarcation of priority sub-watersheds based on sediment yield/runoff potential, land degradation mapping.
15	Indian Institute of Forest Management (IIFM), Bhopal	Central Govt.	Forest, environment and natural resource management and allied sectors
16	Soil Conservation Society of India	Registered Society	development and conservation of the soil, water and associated resources of plants and animals
17	Mizoram Remote Sensing & Application Centre (MIRSAC)	State Govt.	Remote sensing, mapping and survey
18	Indian Institute of Remote Sensing, Dehradun	Central Govt.	Remote sensing & geo-information science to help in natural resource survey and environmental management

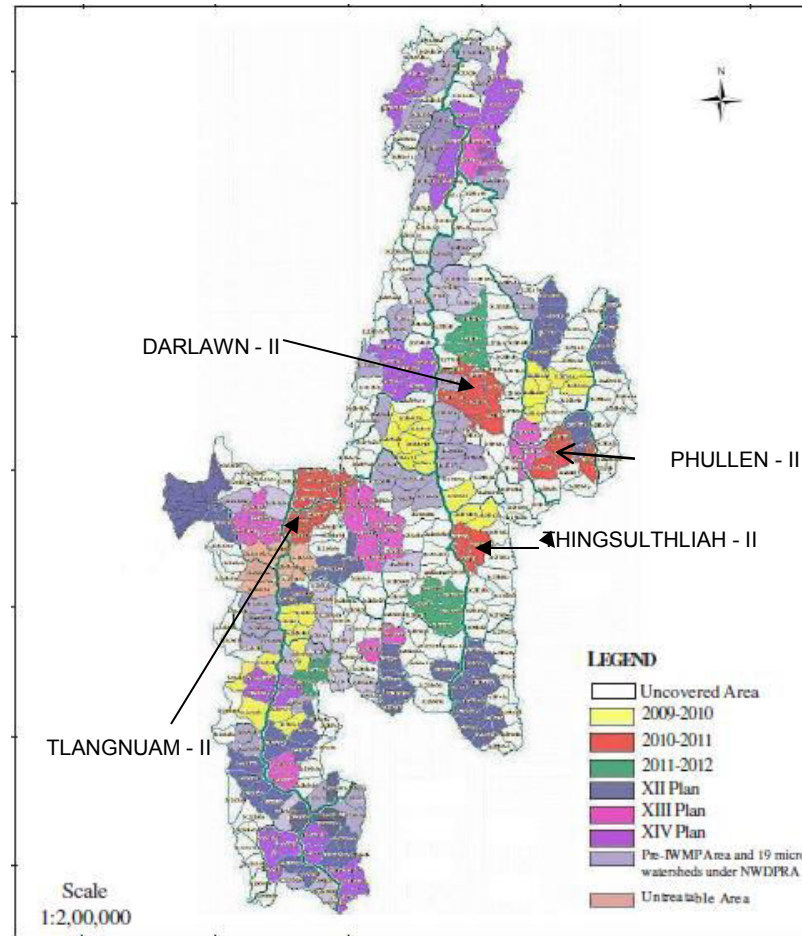
DETAILS OF EXPENDITURE

- Institutional support funds received by SLNA : Rs. 62.08 lakh
- Expenditure as on 18.05.2010 : Rs. 3.49 lakh
(Office equipments, furniture, generator,
Stationery, etc)
- Institutional support funds received for setting
up District Watershed Cell-cum-Data Centre : Rs. 68.00 lakh
- Amount released to the District WCDC : Rs. 59.50 lakh
- Project funds received from Gol : Rs. 505.72 lakh
- Amount released to the District WCDC : Rs. 473.32 lakh

PHYSICAL TARGET FOR 2010-2011

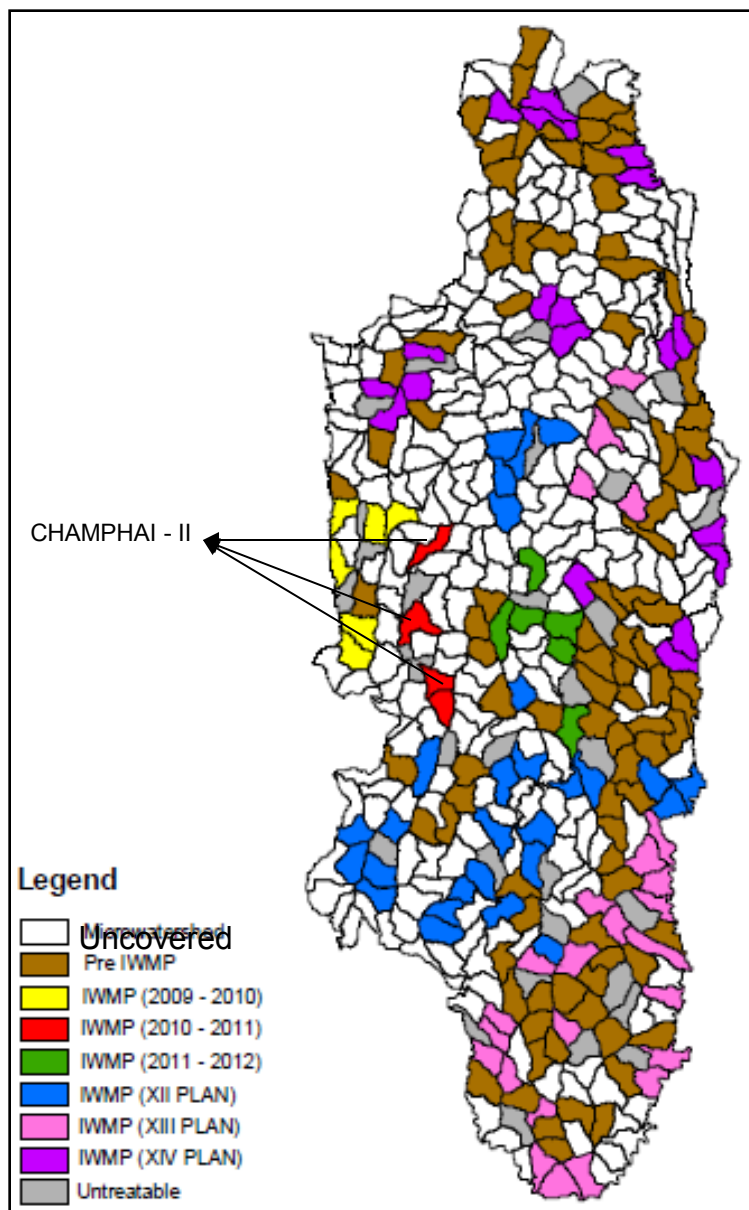
Details of Projects	No	Status
MWs to be taken up during 2010 - 2011	116	65,880 Ha
No. of Projects	16	
Status of PPRs for 2010 – 2011		Prepared and ready for submission
Deviation from SPSP		Nil
Timeline for submission of PPRs for 2010-2011		June, 2010
Estimated project cost (Rs. in crores)		98.82
Central share (Rs. in crores)	90%	88.938
State share (Rs. in crores)	10%	9.882

LOCATION & AREA OF PROJECTS UNDER AIZAWL DISTRICT (2010-2011)



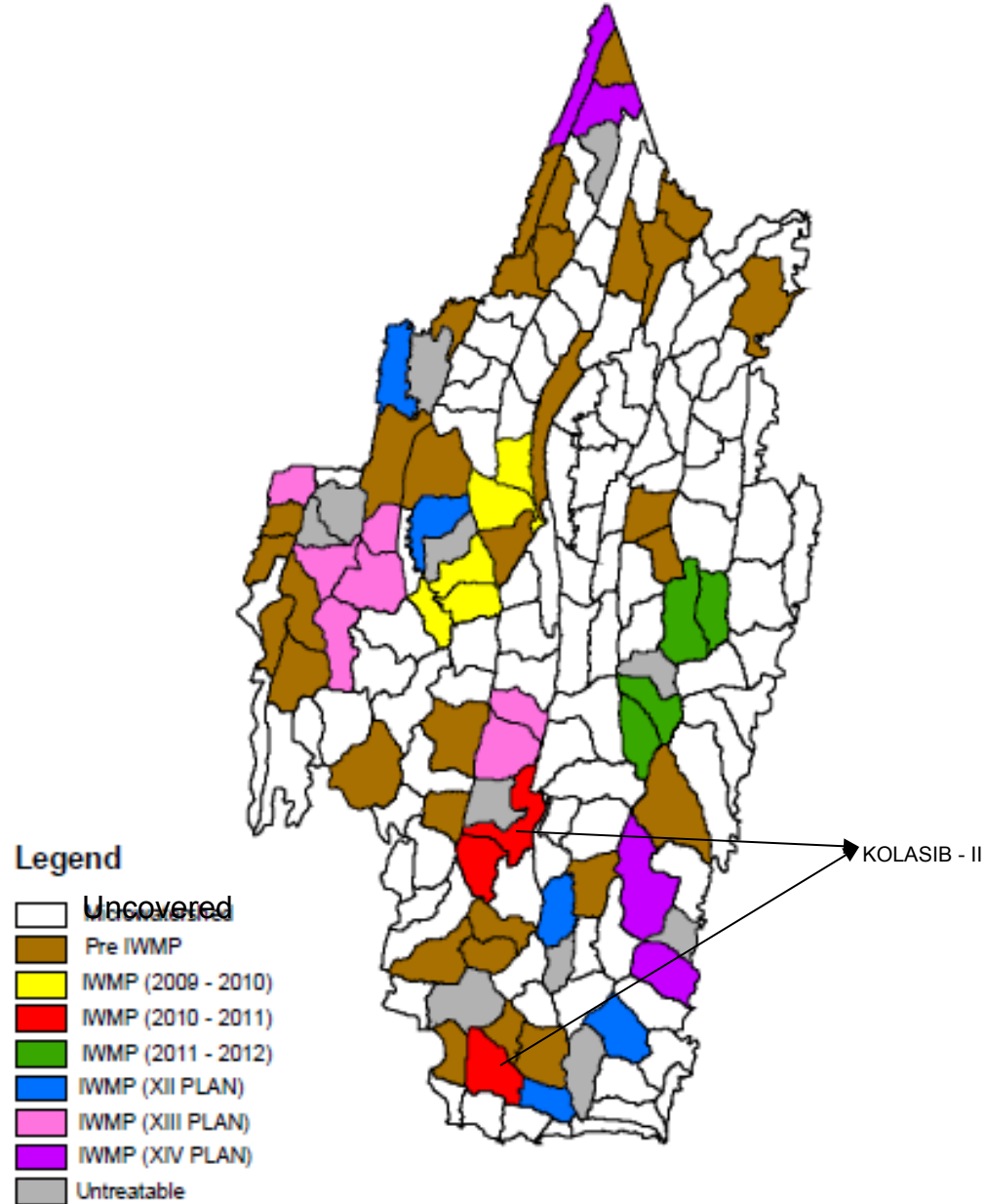
SI No	Name of Project	Weightage	No of MWs covered	Project Area (Ha)	Rainfed Area (Ha)	Area Proposed for treatment
1	Darlawn –II	87.50	9	13100	13100	5000
2	Thingsulthliah –II	87.50	3	6380	6380	2500
3	Tlangnuam – II	87.50	4	10080	10080	4000
4	Phullen - II	87.50	4	11175	11175	4880

LOCATION & AREA OF PROJECTS UNDER CHAMPHAI DISTRICT (2010-2011)



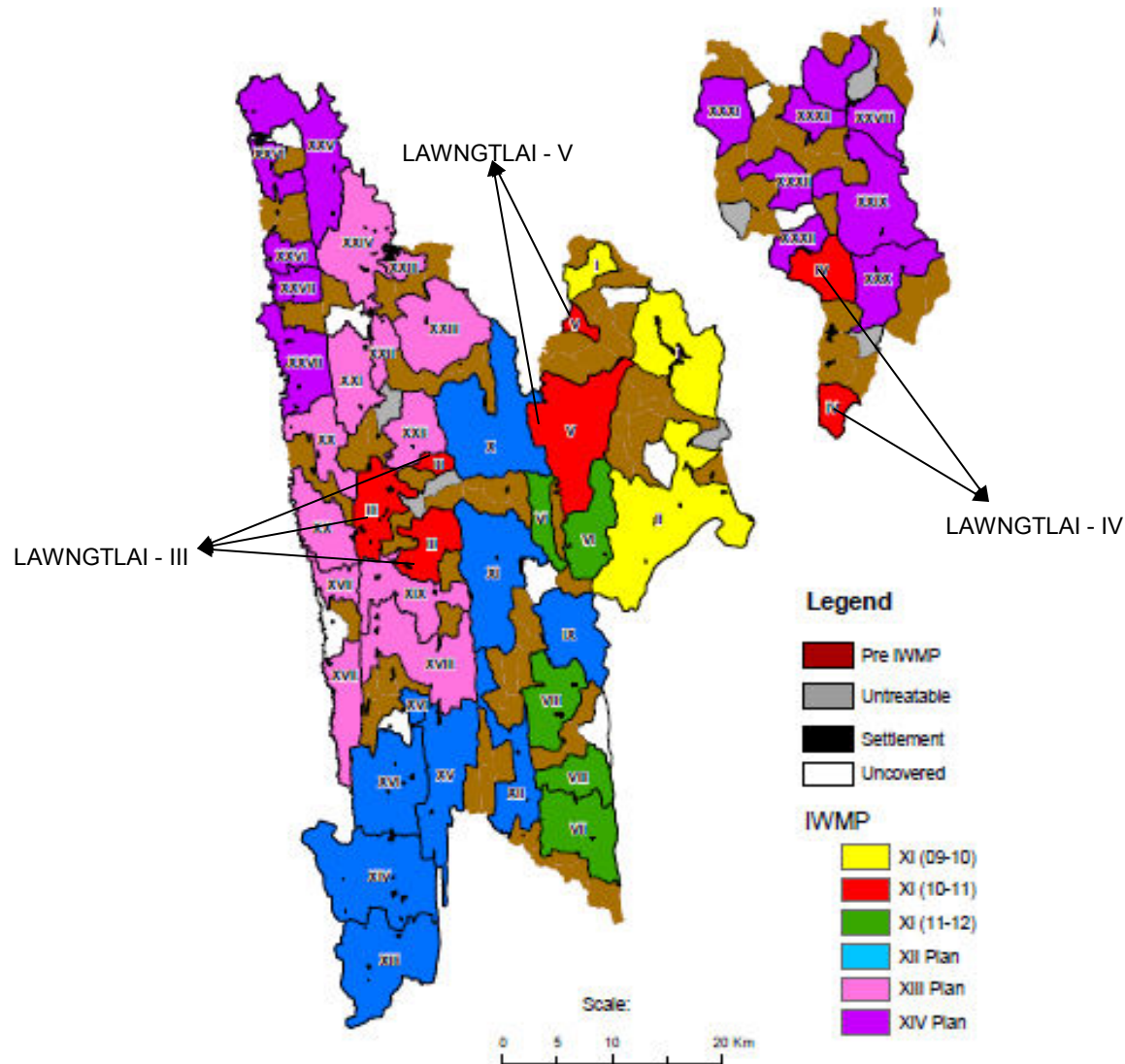
SI No.	Name of Projects	Weightage	No of MWs covered	Project area (Ha)	Rainfed Area (Ha)	Area Proposed for treatment (Ha)
1	IWMP Champhai – II	107.5	4	6874	6874	2813

LOCATION & AREA OF PROJECTS UNDER KOLASIB DISTRICT (2010-2011)



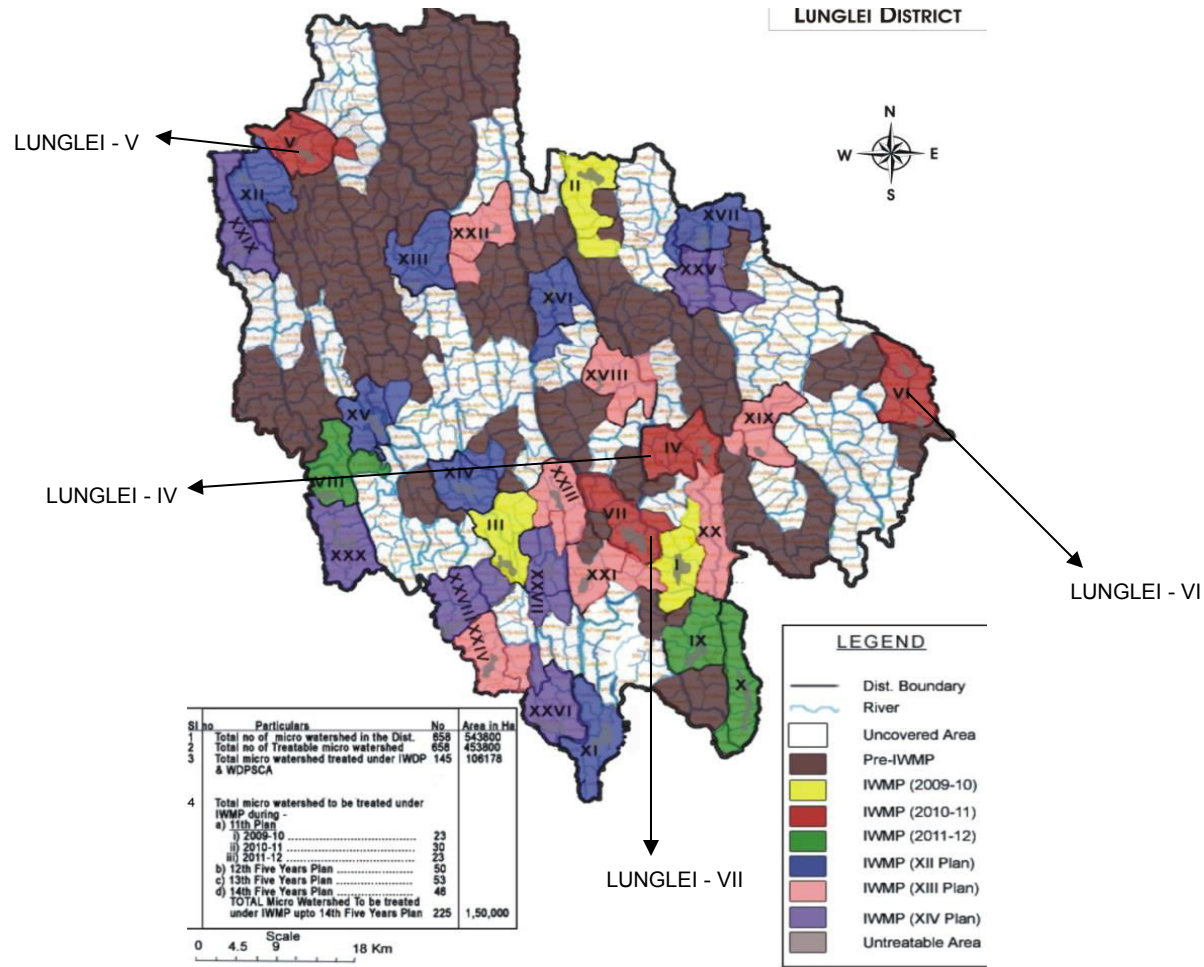
SI No.	Name of Projects	Weightage	No of MWs covered	Project area (Ha)	Rainfed Area (Ha)	Area Proposed for treatment (Ha)
1	IWMP Kolasib – II	80	3	3568	3568	2871

LOCATION & AREA OF PROJECTS UNDER LAWNGTLAI DISTRICT (2010-2011)



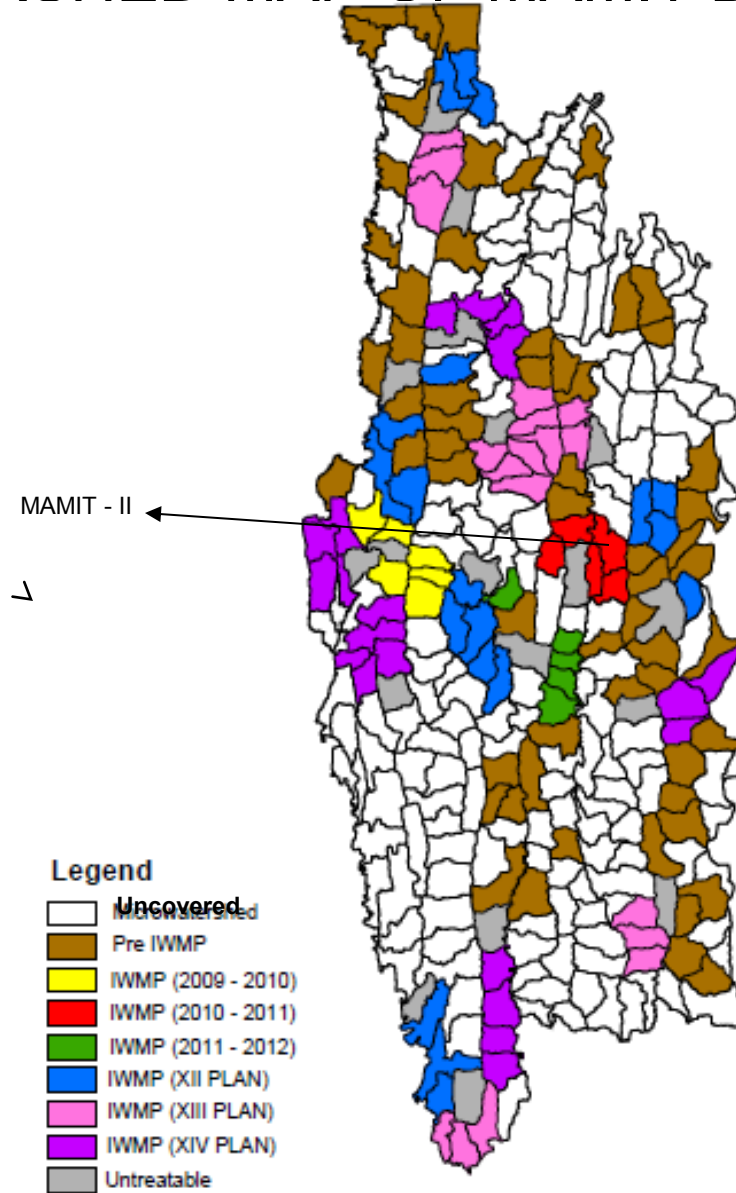
SI No.	Name of Projects	Weightage	No of MWs covered	Project area (Ha)	Rainfed Area (Ha)	Area Proposed for treatment (Ha)
1	IWMP Lawngtlai - III	108	14	9488	9488	4088
2	IWMP Lawngtlai - IV	108	10	7703	7703	3703
3	IWMP Lawngtlai - V	105.5	14	10419	10419	3924

WATERSHED MAP OF LUNGLEI DISTRICT



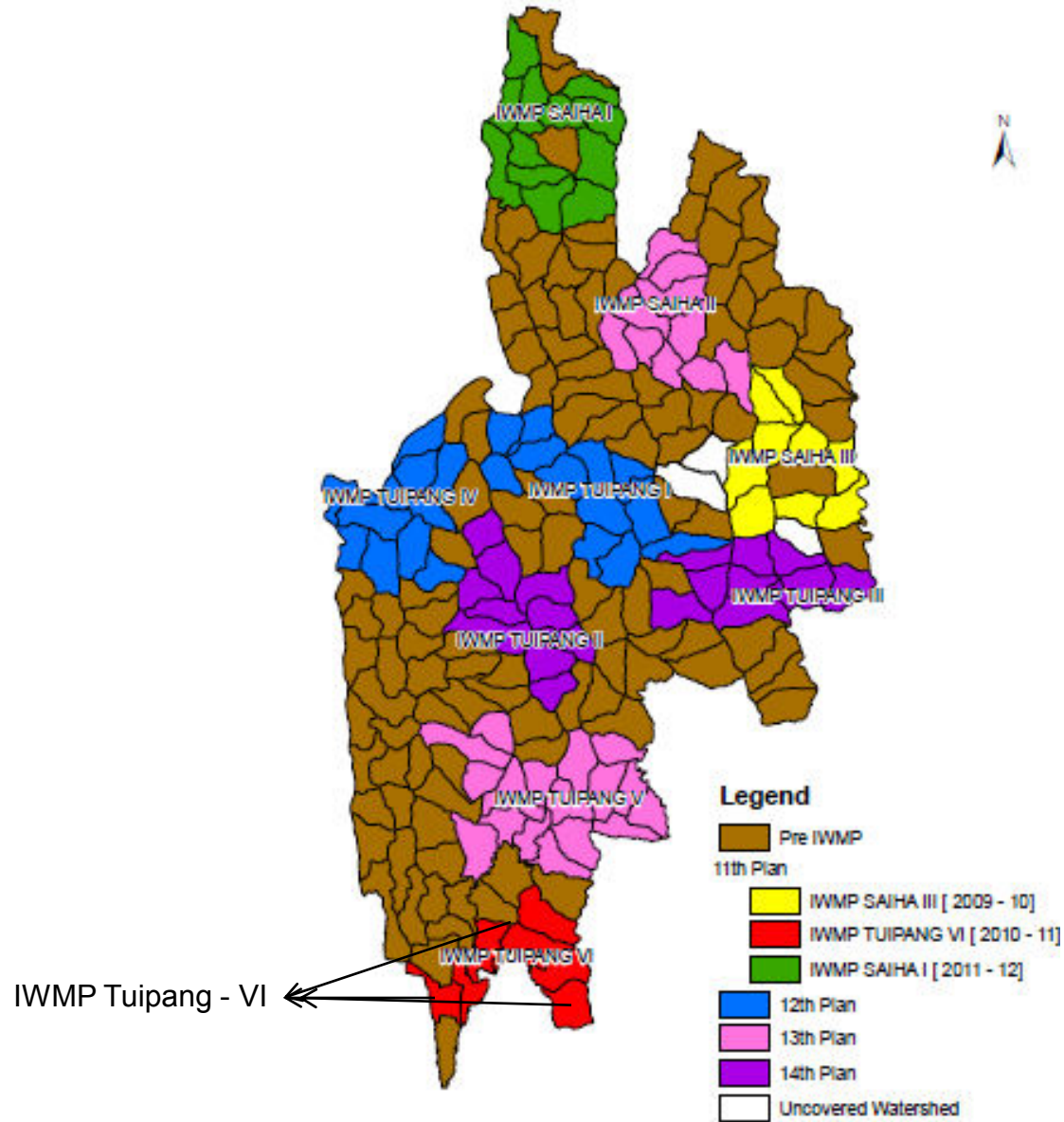
SI No	Name of Project	Weightage	No of MWS covered	Project Area (Ha)	Rainfed Area (Ha)	Area Proposed for treatment
1	IWMP Lunglei - IV	102.5	8	8875	8875	5000
2	IWMP Lunglei-V	100	8	9122	9122	5000
3	IWMP Lunglei-VI	90	7	20269	20269	5000
	IWMP Lunglei-VII	102.5	7	6502	6502	5000

WATERSHED MAP OF MAMIT DISTRICT



SI No.	Name of Project	Weightage	No of MWs covered	Project area (Ha)	Rainfed Area (Ha)	Area Proposed for treatment (Ha)
1	IWMP Mamit - II	92.5	5	8278	8278	3831

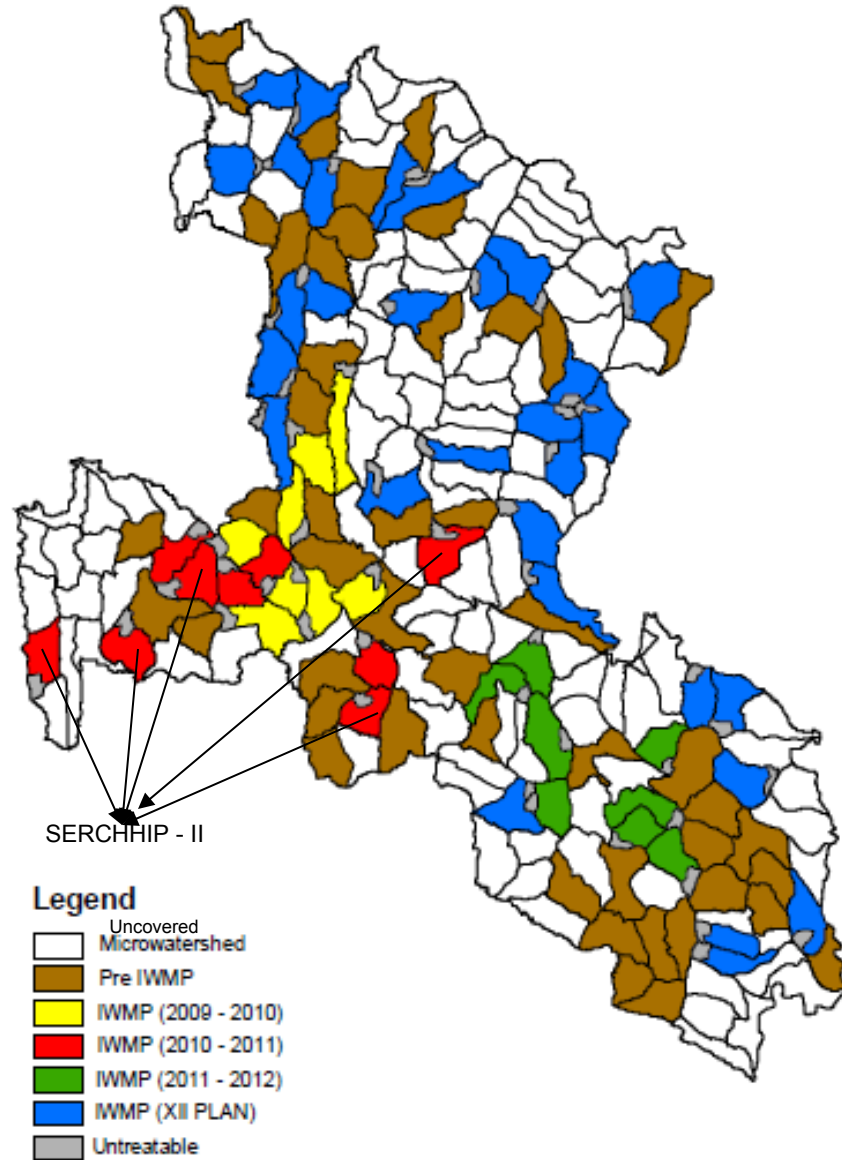
WATERSHED MAP OF SAIHA DISTRICT



IWMP Tuipang - VI

Sl No.	Name of Project	Weightage	No of MWs covered	Project area (Ha)	Rainfed Area (Ha)	Area Proposed for treatment (Ha)
1	IWMP Tuipang - VI	85	7	7850	7850	3400

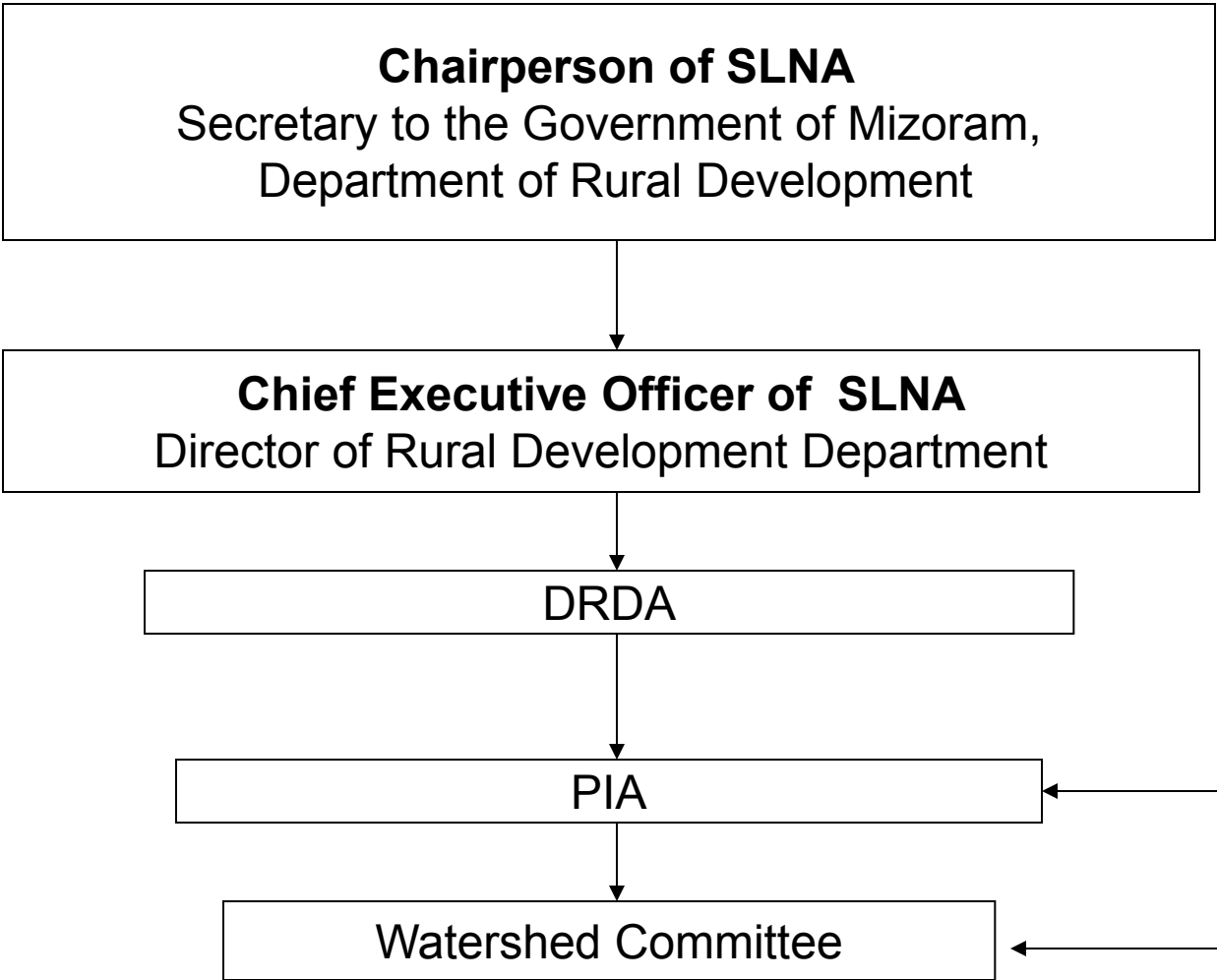
WATERSHED MAP OF SERCHHIP DISTRICT



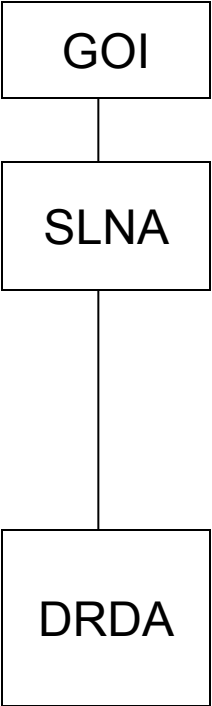
SI No.	Name of Project	Weightage	No of MWs covered	Project area (Ha)	Rainfed Area (Ha)	Area Proposed for treatment (Ha)
1	IWMP Serchhip - II	87.50	9	6066	6066	4870

ORGANOGRAM FOR IMPLEMENTATION OF IWMP

Institutional Structure



Fund Flow



LIVELIHOOD INTERVENTIONS PROPOSED

SL NO.	TARGET GROUP	INTERVENTION
1	Landless households	Poultry farming for meat, eggs and manure, handicrafts from cane and bamboo, cattle farming for meat, milk and manure, bee keeping for extraction of honey, small scale mushroom cultivation, food processing/value addition (passion fruit, grapes, Assam lemon, hatkora or citrus macroptera, piggery for meat and manure, handloom, carpentry, tailoring, mechanics, blacksmithy, tinsmithy, petty trade, etc
2	Landed households	Mixed organic farming (eg. Red oil palm with seasonal vegetables), cultivation of paddy, oil seeds such as sesamum and mustard, bamboo for bamboo shoot, rubber, tea, coffee, potato, soyabean, pumpkin, ash gourd, tapioca, maize, high value horticultural crops such as avocado, ginger, turmeric, mushroom, birds eye chili, green chili, broccoli, chow chow or chayot or squash, pineapple, grapes, Assam lemon, hatkora or citrus macroptera, mandarin orange, passion fruit, banana, coconut and papaya, floricultural activities such as anthurium, chrysanthemum and rose gardening, fishery, vermi-composting, etc

PRE-IWMP PROJECTS

STATUS OF ON-GOING IWDP/HARIYALI PROJECTS

• No. of projects sanctioned	:	52
• Total amount released (Rs. in crores)	:	135.3789 (Central)
»		12.6799 (State)
	Total	148.0588
• Total amount utilized (Rs. in crores)	:	138.7032
• Unspent balance as on 01.04.2010 (Rs. in crores)	:	9.42
• Amount last released, i.e 2009 - 2010 (Rs. in crores)	:	36.812 (Central)
»		1.536 (State)
• Year of submission of UC for funds last released	:	31st March, 2010
• No. of Projects due for completion	:	
• No. of Projects completed	:	Nil
• No. of Projects closed	:	6
• No. & amount of pending UCs as on 01.04.2010	:	Nil

PRE-IWMP PROJECTS

STATUS OF ON-GOING IWDP/HARIYALI PROJECTS

(Contd.)

- Status of submission of completion report : **Nil**
- No. of overdue projects :
- Action plan for completion of over due projects including projects identified for foreclosure (Project wise details to be furnished to the Department) : **Overdue projects will be completed in 1 to 2 years. Foreclosed projects will be taken up under IWMP**
- Status of updation of QPR and MPR for projects at District level : **Upto 30th April, 2010**
- Status of updation of MPR for projects at State level : **Upto 30th April, 2010**
- Problems in updation, if any : **-**
- Suggested solutions : **-**

SAMPLE OF BENEFICIARY CARD

BENEFICIARY CARD

IWDP PROJECT – VI

PIA : DRDA AIZAWL

Name of Beneficiary : _____
Father's Name : _____
Village : _____
Location of Garden : _____
Name of Watershed : _____

DETAILS OF ACTIVITIES

Date of Training	No.& kinds of seedlings received	Seedlings Planted	Materials Received	Financial Assistance Received with Date & Purpose	Signature of Beneficiary

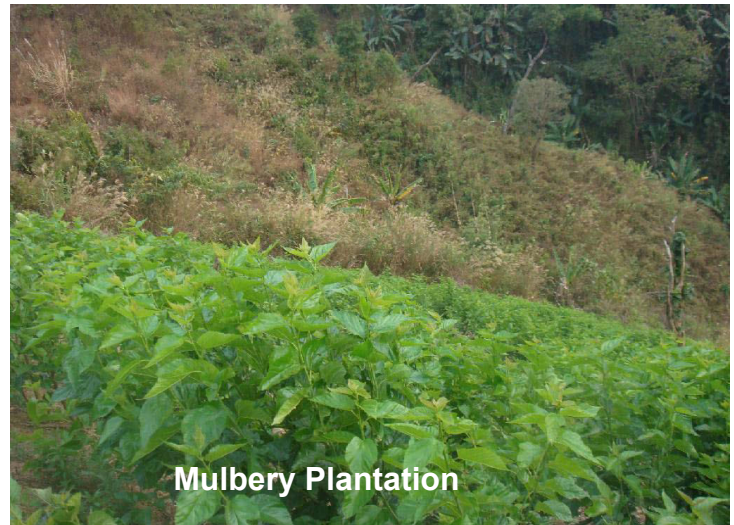
VERIFICATION REPORT

Date of Verification	Remarks of Verification	Signature & Name of Verifying Officer

AIZAWL PROJECT - VI



Terracing



Mulberry Plantation

PROJECT – VI & VIII



THANK YOU