

CHAPTER – XII

12.0 EXPECTED OUTCOMES

The expected outcomes due to implementation of Watershed Management Projects may be listed as given below :-

- Increased availability of surface water and ground water
- Increased irrigation potential
- Increased availability of soil moisture
- Productive use of culturable wastelands
- Decrease in the area of fallow land
- Increase in agriculture productivity
- Increased livelihood opportunities
- Increased involvement of community in the process of natural resource management specially distribution of benefits
- Sustained management and maintenance of created assets
- Increased income level

Table-SPSP 34: Expected/Estimated Outcomes

1	3	4	5	6	7
S. No.	Item	Unit	Pre-project Status	Expected Post-project Status	Remarks
1	Status of water table	Meter	Madhya Pradesh is a hard rock terrain. Shallow weathered and fractured unconfined aquifers are characteristics of the area. Impact assessment of Watershed Projects in such areas is showing an increase of 2 to 4 meter in water table. Similar status of improvement may be expected due to implementation of IWMP.		
2	Ground water structures repaired/ rejuvenated	No.	Due to ground water recharge atleast 65% to 70% dugwells/tubewells which have been dried may be rejuvenated. The expected number would be around 9000 structures in proposed area.		

1	3	4	5	6	7
S. No.	Item	Unit	Pre-project Status	Expected Post-project Status	Remarks
3	Quality of drinking water		The contamination due to chemical fertilizer or fluoride may get diluted due to ground water recharge.		
4	Availability of drinking water	Months in a year	The availability of drinking water dwindles in summer season.	Implementation of projects would ensure the availability of drinking water during the whole year.	
5	Increase in irrigation potential	Ha.	21,550	2,21,400	
6	Change in cropping/ land use pattern	Percentage	Decrease in fallow land – 25% Decrease in unculturable wasteland – 25% Decrease in area having degraded vegetative cover – 10%		
7	Area under agricultural crop				
	i Area under single crop	Percentage	20% decrease		
	ii Area under double crop	Percentage	30% increase		
	iii Area under multiple crop				
8	Increase in area under vegetation	Percentage	10% increase		

1	3	4	5	6	7
S. No.	Item	Unit	Pre-project Status	Expected Post-project Status	Remarks
9	Increase in area under horticulture	Percentage	10% to 15% increase		
10	Increase in area under fuel & fodder	Percentage	30% increase		
11	Increase in milk production	Lt/day Per capita	2 – 3	5 - 6	
12	No. of SHGs	No.	Atleast 4450 additional SHGs would be constituted and linked with livelihood support activities.		
13	Increase in no. of livelihoods	No.	Atleast 46000 households will get the benefit of increased availability of livelihood opportunities.		
14	Increase in income	Percentage	10% - 15% increase in per capita income is projected		
15	SHG Federations formed		For all the projects in a districts SHGs federations would be formed		
16	Credit linkage with banks	Percentage	Atleast 50% to 60% SHGs would be linked with banks for credit.		
17	Resource use agreements		All the User Groups will have to signed an agreement with WC regarding utilization of resources and maintenance of assets. Similar arrangements will also be made for the groups constituted for natural resource management activities on community/govt. land specially plantation.		