

Summary of the Evaluation of Outcomes of PMSKY-WDC Project

District: - idukki

1. Project Details

Project No: - Batch –III, IWMP2 / 2011-12

Name of Block: - Idukki Block Panchayath

Sanctioned Area (ha): 2870 Ha

Sanctioned Cost (Rs in lakh):- 430.50 Actual Expenditure : 197.90 lakh

Name of Villages included in the project: - Arakkulam&Elappally

2. Impact Details

Sl. No.	Items	Unit	Pre-project status	Status at the end of project	Remarks
1	Average depth of water table in dug wells	m	3.98	3.25	Increase of 0.73 m in water level
2	Average depth of water table in tube wells	m	2.54	1.42	
3	Number of ground water structures (dug wells + tube wells + hand pumps) rejuvenated	nos.	0	180 plus 21	21 structures old rejuvenated and 180 newly created. In addition 206 percolation tanks .
4	Increase in Irrigation potential	ha	0	1391	Good increase
5	Area of Wasteland brought under productive use (like agriculture, plantation ,fodder ,etc)	ha	0	460	Good change to productive use
6	Change in cropping / land use pattern (i) Area under Agriculture Crop (ii) Area under plantation / forest cover (iii) Area Under Wastelands	ha	526.7 1440.98 42.35	1146.7 20.40.98 22.35	Area under Agri. Crops increased. Plantation /forest cover slightly reduced
7	Area Under Agriculture Crop (i) Area under Kharif crop (ii) Area under rabi crop (iii) Area under double crop	ha	0 7 519.7	0 15 1131.7	Marked increase in area under double crop.
8	Cropping intensity	%	18	40	Increase in cropping intensity
9	Increase in Yield /ha of crops (i) rabi crop (ii) Kharif crop	qt/ha	7 0	15 0	Yield doubled

10	Area of horticulture crop	ha	2.5	6	Area under horti. Crop increased
11	Employment in agriculture related activities among beneficiaries	Man days	6302	9680	Total of 13858 mandays created for employment
12	Employment in non- agricultural sectors	Man days	2980	4178	
13	Fodder production	qt	4.5/ha	6.8/ha	Fodder productivity increased by 50%
14	Fuelwood production	qt	0	0	
15	Number of milch cattle	nos	980	1480	Milch cattle population hike by 50%
16	Milk production	Kl/yr	5880	8880	Milk production went high
17	Duration of flow of water in streams (upto November/December/January/February....May)		Up to January	Up to may	Flow in streams round the year
18	Improvement of drinking water facility		Up to January	Up to may	Drinking water availability also through out year
19	No. of persons engaged in ancillary activities like fishery , poultry ,rural craftsmanship	nos	1203	2980	Marked increase
20	Number of children enrolled in schools in the project area	nos	50	380	Difference in initial year and final year
21	Reduction in migration from rural to urban area in the project area	nos	0	0	Nearly 14,000 mandays opportunity
22	Annual mean household income	Rs	25000	29100	Rs. 4100 increase
23	<p>Any other measureable indicator of impact assessment</p> <ul style="list-style-type: none"> i) An ecosystem created by the construction of Kavumkulam ii) Kanjar river valley protected by the construction of watershed theme park. iii) Conservation and maintenance of endangered native and hybrid variety of fruittrees and star forest through the formation of Kadaleevanam. iv) Construction of RWH & water tank in Anganwadies&Govt. schools benefitted the students and staff. v)Total no. of farmers benefitted is 6800 out of the project. vi) Production system and micro-enterprises in nearly 100 ha area. 				