

## Summary of the Evaluation of Outcomes of PMSKY-WDC Project

District : **Alappuzha**

### 1. Project Details

Project No: Batch-III, IWMP-2/2011-12

Name of Block: **Chengannur**

Sanctioned Area :6819Ha

Sanctioned Cost (Rs in lak) 818.28 lakhs                      Actual Expenditure : Rs. 352.16 Lakh

Name of Villages included in the project-(12)

Thiruvanvandur, Mulakkuzha, Pandanadu, Puliyur, Ennakkad, Mannar, Thriperumthura, Kurattisseri, Chennithala, Cherianad, Ala, Venmoni.

### 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	5.01	4.82	Water level increased by 0.19 m
2	Average depth of water table in tube wells	M	6.84m	8.13	No positive impact in tube wells level
3	Number of ground water structures (dug wells + tube wells + hand pumps) rejuvenated	nos.	--	15	Including 11 ponds and 4 wells renovated. 39 newly created of which 8 RWH tanks
4	Increase in Irrigation potential	ha	-	2573	Good increase. Area brought under protective irrigation
5	Area of Wasteland brought under productive use (like agriculture, plantation, fodder, etc)	ha	nil	nil	
6	Change in cropping / land use pattern (i) Area under Agriculture Crop (ii) Area under plantation / forest cover (iii) Area Under Wastelands	ha	i. 1987.14 ii. 32.22 iii. 0	Data not available	
7	Area Under Agriculture Crop (i) Area under Kharif crop (ii) Area under rabi crop (iii) Area under double crop	ha	i. 3 ii 1000 iii --	4.2 1640	Increase in area under Kharif and rabi crop.

8	Cropping intensity	%	362.25	--	Exact data not available.
9	Increase in Yield /ha of crops (i) rabi crop (ii) Kharif crop	qt/ha	27	29	Yield increase by 2qt/ha
10	Area of horticulture crop	ha	18.91		Data not available
11	Employment in agriculture related activities among beneficiaries	Man days	--	6550	Direct employment in Agri. Sector.
12	Employment in non- agricultural sectors	Man days	--	--	
13	Fodder production	qt			Data not available
14	Fuelwood production	qt	--	--	No fuelwood use
15	Number of milch cattle	nos	--	112	Pre project data NA. However there is increase in cattle population
16	Milk production	Kl/yr	241	403	Increase in milk production
17	Duration of flow of water in streams (upto November/December/January/February....May)		Up to April	Up to May	Flow in streams increased by onemonth.
18	Improvement of drinking water facility		Up to March	Improved. Up to May	Drinking water availability also increased
19	No. of persons engaged in ancillary activities like fishery , poultry ,rural craftsmanship	nos	--	520	520 newly engaged
20	Number of children enrolled in schools in the project area	nos			All children are enrolled
21	Reduction in migration from rural to urban area in the project area	nos			6550mandays opportunity created
22	Annual mean household income	Rs	62000/-	65,000/-	Rs. 3000 increase
23	<p>Any other measureable indicator of impact assessment</p> <p>i) Renovation of 4 public wells, construction of 3l well recharging structures , 8 water harvesting tanks and desiltation of 10 main drainage channels are implemented in the project area. Total of 5350 m of drainage line treatment also done .</p> <p>ii) Total of 1548 families were benefitted by the project.</p> <p>iii)Production system and micro enterprises : Agri. 27, Dairy 87, Goat rearing 8 . In addition 39 SHGs were also formed.</p>				