



REPORT ON CONSTRUCTION

OF

POND IN THREE VILLAGES OF CORE ZONE

AREA

BY

LIGNITE PROJECT, RAJPARDI

RAM

Why Water Harvesting is necessary?

Water is essential for all life and is used in many different ways - for food production, drinking and domestic uses in nearby village area.

It is also part of the larger ecosystem on which bio diversity depends. Precipitation, converted to soil and groundwater and thus accessible to vegetation and people, is the dominant pre-condition for biomass production and social development. Fresh water scarcity is not limited to the arid climatic regions only. Even in areas with good supply, the access to safe water is becoming a critical problem. Lack of water is caused by low water storage capacity, low infiltration capacity, large inter-annual and annual fluctuations of precipitation and high evaporative demand.

This is a heavy rainfall receiving area but due to lack of ponds in some area and small water storage capacity in other areas has raised the problem of water scarcity. It becomes a daily struggle for water in these areas.

Looking to the above necessity, we have done a survey in nearby three villages and done the work of pond construction here.

The areas selected are naturally low lying areas where water used to accumulate in rainy season and people residing here used to utilize this water for daily chores. Looking to their daily demand of water, we took the project of Pond construction in three villages namely:

- 1) Bhuri
- 2) Amod
- 3) Bhimpor

POND DETAILS:

We have gone for watershed development programme in the above mentioned three villages Watershed development and management implies an integration of technologies within the natural boundary of a drainage area for optimum development of land, water and plant resources, to meet the people's basic needs in a sustained manner. During periods of rainfall failure, the groundwater level lowers since fluctuations in the water table levels depend on the rainfall when

both surface and groundwater availability becomes critical. During such tough time such watershed development plays an important role in people's life.

1) Bhuri Pond:

We have constructed one pond of size 144 * 63* 3 m³ capacity for rain water storage in it. People utilize this water for rearing of animals, washing clothes and for irrigating nearby agricultural land. Bhuri is one of the core zone villages of Lignite Project, Rajpardi.



Expenditure Incurred for Pond Construction:

Sl no	Name of the village	Duration of work	Working Hours	Expenses
1	Bhuri	03.04.2017 to 14.04.2017	112	3,10,128

The total expenditure in construction of Bhuri Pond is **Rs 3,10,128/- (Three Lac Ten Thousand One Hundred and Twenty Eight Rupees Only)**

2) Amod Pond :

We have constructed one pond of size 33 * 17* 2 m³ capacity for rain water storage in it. The village is located in core zone area. People utilize this water for rearing of animals, washing clothes, bathing etc.



Expenditure Incurred for Pond construction:

Sl no	Name of the village	Duration of work	Working Hours	Expenses
1	Amod	15.04.2017 to 25.04.2017	69	1,91,061

The total expenditure in construction of Bhuri Pond is **Rs 1,91,061/- (One Lakh Ninety One Thousand and Sixty One Rupees Only).**

3) Bhimpor Pond:

We have constructed one pond of size 55 * 50* 2 m³ capacity for rain water storage in it. People utilize this water for rearing of animals, washing clothes and for irrigating nearby agricultural land. Bhimpor is one of the buffer zone villages of Lignite Project, Rajpardi.



Expenditure Incurred for Pond Construction:

Sl no	Name of the village	Duration of work	Working Hours	Expenses
1	Bhimpor	26.04.2017 to 30.04.2017	40	1,10,760

The total expenditure in construction of Bhuri Pond is **Rs 1,10,760/- (One Lakh Ten Thousand Seven Hundred and Sixty Rupees Only).**

EVERY DROP OF WATER COUNTS AND MAKES
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A BIG OCEAN,SO SAVE RAIN WATER**

THANK YOU