

Need of the Hour - Water Conservation
For Enhancing Agriculture and Rural Drinking Water Supply on a Sustainable Basis

Ensuring availability of sufficient water for future generations in places where there is access withdrawal of fresh water for agriculture purpose in local areas.



Before



After

Introduction to work

Water conservation is the process or experiment to manage water as a sustainable resource so as to protect the water environment and to meet the current and future human demand due to factors such as climate change that have increased pressure on natural water resources especially in view of industrial process and agricultural use.

Satkorakandi village in Sonai Dev Block of Cachar District is facing scarcity of clean water both for drinking and agriculture purpose throughout the year since a long time which is affecting the local villagers for their daily needs and agriculture purpose.

Cleaning of this water reservoir helped people of the village to access fresh and clean water for agriculture purpose in dry season. It has resulted in significant improvement in availability of water for various crops and for fish farming in the area by the local small and marginal farmers which helps in nutrition and livelihood generation.

GP Name:	Satkorakandi
Block:	Sonai Development Block
District:	Cachar
Cost of Scheme:	6.58 Lakh
Financial Year:	2017-18

Implementation process

The Villagers came up with the proposal for cleaning of the water reservoir and placed the proposal in the Special Gram Sabha.

- a) Initially the spot was ascertained for feasibility of work.
- b) Physical verification of the area for dimension of the work being implemented depending upon the need of the work.
- c) After approval of plan and estimate from appropriate authority the VLMC committee formed to monitor the work during creation.
- d) After maintaining all the formalities mentioned above, the work started with signatory board of the work and engagement of job card holders for execution till the scheme got its shape as per plan & estimate.

Impact

The Satkorakandi village is known for agriculture area in Cachar District. The villagers are economically backward and crops cultivation is the main livelihood means of the rural people in the village.

The area of the scheme is situated in the middle of the village while most of the people in the village use bore well water or collect the water from small pond which is far way from crops area led to difficulties and was found insufficient for the cultivation resulting in low production rate in last few years.

About 450 acres of cultivated land is available in the village. The major crops include cabbage, Tomato, Beans, Chilly and Potato etc. Execution of this scheme under MGNREGA was initiated to ensure continuous and large volume of available water for meeting the needs for domestic and agriculture purpose and livelihood augmentation.

Voice from the field

The Govt has provided for the cleaning of water reservoir near my crops area through MGNREGA which resulted in the availability of fresh and clean water, which we can now use for daily needs. It also provided a boost in available water for agricultural purpose which in turn generated the growth of my vegetable cultivation. Some farmers in my village have also started growing vegetables during winter which was previously not possible.

Najmul Hussain Mazumder, Satkorakandi Goan Panchayat, Sonai Development Block, Cachar.