

Polycab Social Welfare Foundation

Check-Dam – a Life Giver

Project: Check Dam

Rayankhand, a village situated near – Shivrajpur, Taluka Halol, Dist Panchmahal, is one of the Villages where our Mobile Medical Units visits. On building a gradual rapport with residents of the Village, it came out that they were facing water scarcity for **Drinking, Agriculture and for Animal**. Although they have a rivulet called “Dhadhar” in the village and also few water storage structures, it was of no use as these structures were damaged severely and were unable to retain water which is received in the monsoon season.

During Winter & Summer Season, Villagers faced shortage of Water in their bore wells. They couldn't take a second crop. They took only one crop during monsoon session.

For Drinking water, they had to travel far distances. Sometimes they had to buy water tankers. After the January Month water level used to get decreased to 260 to 300 ft below ground.

Agricultural sector is one of the most important sectors and the farmers' livelihood is dependent on it. They could take only one crop in monsoon season and were unable to take winter & summer crops. Sometimes crops failed due to lack of water.

Animal Husbandry is also an important factor for livelihood in in this Village & surrounding Villages. Majority of Women are engaged in dairy farming and due to lack of water, villagers' interest in dairy farming also was low.

Through our Visits, we got request from the villagers narrating their problems. One way was for construction of new check dam structure and renovate Old structures. In this Village there were 2 old structures that required repair and 2 others required new construction,

Tied up with a NGO - “**N.M.Sadguru Water & Development Foundation**”, who have an expertise in this area & also have long standing experience. A survey was conducted and suggested to renovate 2 old structures and 2 new structures.

Water Harvesting (Checkdam)

Constructed 4 new Check & Renovated 4 - in Rayankhand , Vavadi & Pandol.

This year in Rayankhand Village during Monsoon, the Dam overflowed & to-date has water. Before the River dried up by February. Now Water retains till the start of Monsoon.

Water Level of borewell and wells have also increased to 80 ft. which was previously (before Check Dam reconstruction) below 250 ft Downstream also one can see this effect. Rivulet which used to dry up by now, retains water for longer period

14 villages are getting benefited by this water through this Check dam.

Villagers have now started taking second crop.

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Before



After



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Experience shared by beneficiary...



Media1.mp4



Media2.mp4

