

## 1. Impact Study

Impact assessment was carried out by our team in 3 villages Kaalapani, Badichetri and Daheriya where the community based safe drinking water supply program was implemented. A structured questionnaire was used for this purpose. Information was collected related to quality of water available now and its social and economic impacts. The sample size was 225/315 (71.4% coverage of the villages). Comparison was made between the conditions before and after implementation of safe drinking water supply.

The data gathered through impact assessment survey reveals that the distance travelled to fetch drinking water per day has reduced significantly in all the three villages (Fig 1). Earlier women and children had to travel more than a km per day to collect water for cooking and drinking. But this program has made safe water available nearby which has reduced the drudgery of women (Fig 2). Now women have more time to get involved in some productive work. With clean drinking water available, they are suffering less from waterborne diseases and have to spend less on medication now (Fig 3 & 4).

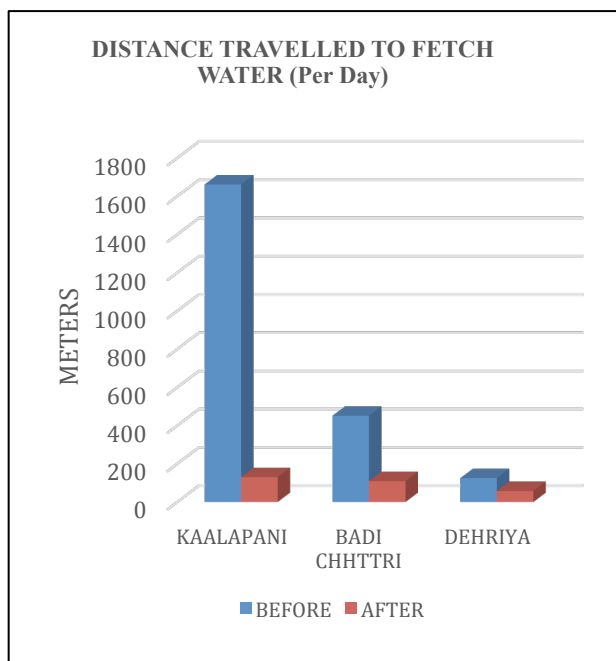


Fig 1: Increase in water availability after implementation of drinking water supply system.

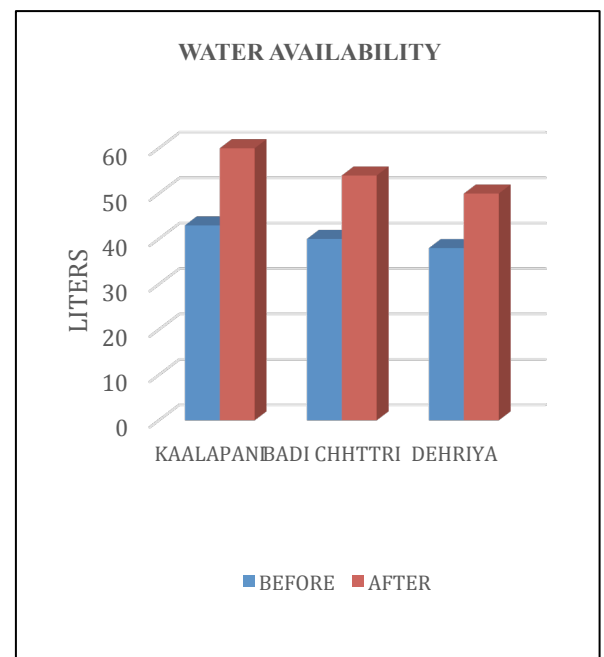


Fig 2: Reduction in distance travelled to fetch water every day

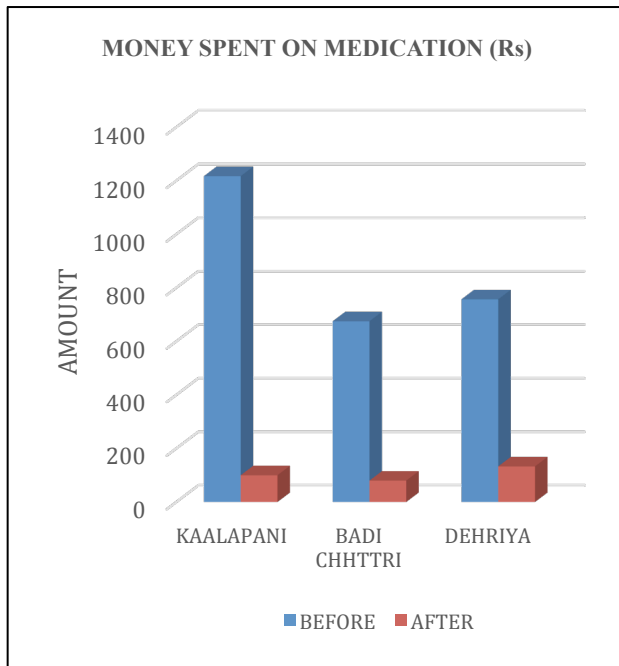


Fig 3: Reduction in money spent on medication

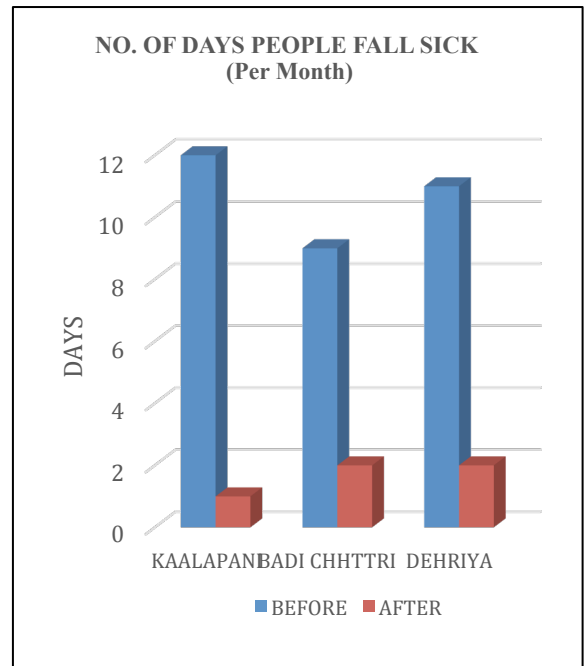


Fig 4: Reduction in the number of days people fall sick

Before implementation of the program children used to spend a lot of their time in collecting water every day but now they are relieved (Fig. 5). They have more time to play.

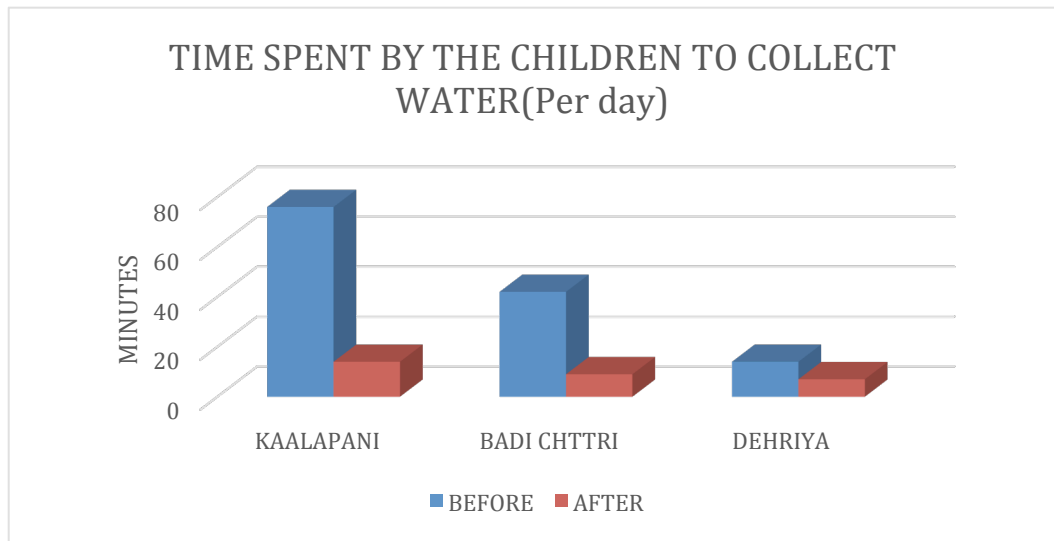


Fig 5

People have become more conscious about hygiene. They use soap for washing hand after defecation and feel the need of having a toilet at home. They get more time to take bath regularly (Fig 6).

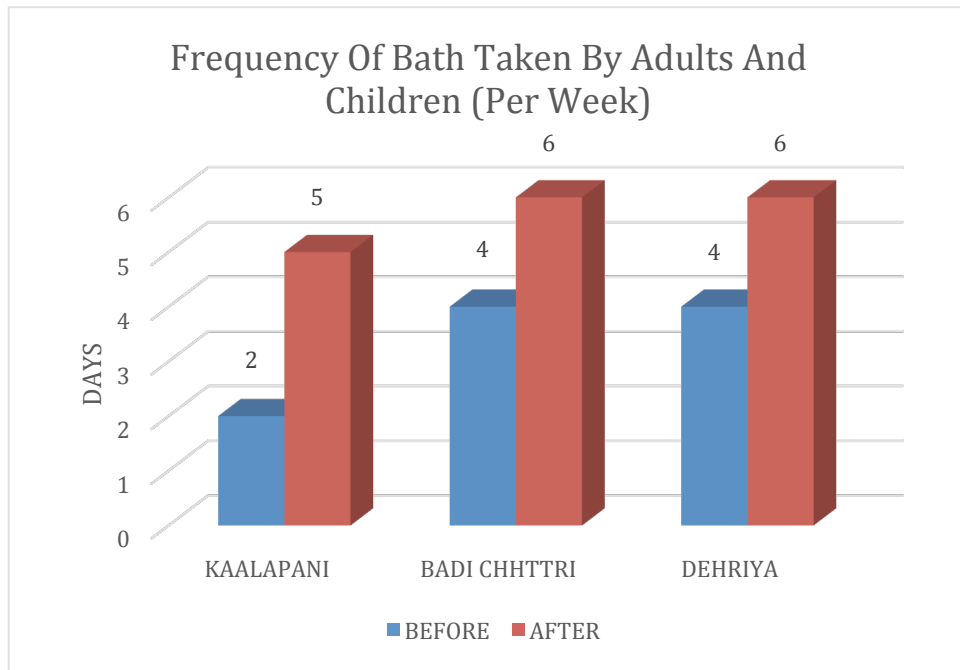


Fig 6

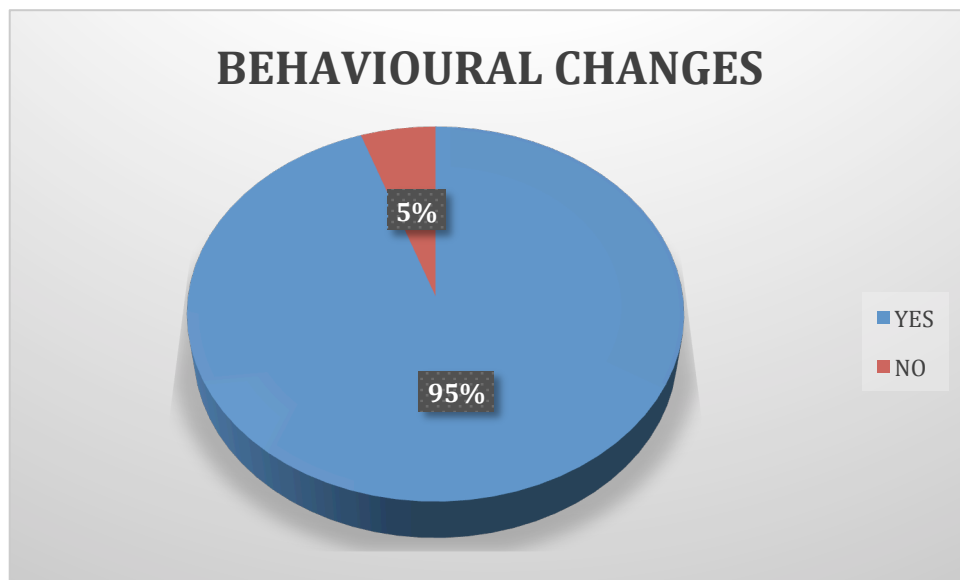


Fig 7