

**TWAD BOARD, RWS Division
Cuddalore**

**Success Story of Agara Alambadi Colony
in Mel Bhuvanagiri Union**

Agara Alambadi Colony is a rural habitation of Agara Alambadi village panchayat in Mel Bhuvanagiri Union in Cuddalore District.

This village is located at a distance of 10kms from Sethiyathoppu town. The population of this habitation is 237. All the people are of SC community and they are all agriculture labourers.



EXISTING WATER SUPPLY SYSTEM - EXTENSION OF PIPE LINE

This village did not have a separate IPP scheme with overhead tank. Two public fountains only had been provided through pipeline extension from a 1.00 lakh lits. Capacity service reservoir situated at the nearby habitation of Agara Alambadi. Since the SC habitation is situated at a higher level, the service reservoir could not serve these public

fountains. The women of Agara Alambadi could be able to get water from these public fountains for a few minutes only. The time of supply was also irregular. Hence the women had to wait before the public fountains for a long time without knowing when they would get water. This resulted in losing their daily wages frequently.



EXISTING WATER SUPPLY SYSTEM - EXTENSION OF PIPE LINE



EXISTING WATER SUPPLY SYSTEM - MINI POWER PUMP

In the year 2004, One Mini Power Pump was provided in this habitation under MNP. The supply from this Mini Power Pump was also not regular due to frequent power failure. Hence the people of Agara Alambadi Colony did not get enough water especially

during morning hours. The level of service was 30 lpcd only.

During 2007 -08, one individual power pump scheme was sanctioned under ARWSP for Agara Alambadi Colony. Detailed investigation works were started. The president of the Agara Alambadi panchayat and people of Agara Alambadi Colony were contacted and detailed discussions were held at the habitation for their drinking water requirement.



MEETING WITH PRESIDENT AND PEOPLE FOR FORMULATION OF PROPOSAL



COMPLETION STAGE - SOURCE AND PUMP ROOM

During discussion it was decided to drill a borewell as source and to provide 10,000 lits capacity service reservoir. The President requested to provide an additional inlet in the service reservoir and provide a separate distribution main and a public fountain for the BC people settled near by this colony since they were also not getting proper water supply from the existing 1 Lakh lits capacity due to higher level of their settlement. It was decided to provide 500 ms of distribution system and two public fountains.

The requirement of this habitation is 25 lpm to have the prorata supply of 40 lpcd. Accordingly a 150mm dia Borewell was drilled after conducting Geo Physical survey. The depth of the borewell is 90m and yield is 278 lpm.

After creating the source and after ascertaining the quality a detailed estimate was sanctioned for Rs.4.425 lakhs and works were carried out, under ARWSP.



COMPLETION STAGE - 10,000 LITRES CAPACITY OHT

Under the scheme one 10000 lits capacity service reservoir has been constructed near the borewell. One pumoproom of size 1.5m x 1.2m has been constructed to house the panel board. One 2 HP submersible pump with a duty of 50 lpm again a head of 60m has been erected inside the borewell.

Water is pumped from the borewell to the service reservoir 63mm PVC distribution main has been laid for a distance of 491m and 2Nos. of public fountains have been constructed in various location.

Now the level of service of Agara Alambadi Colony is 40 lpcd.

After completing all the above works the scheme was handed over to the panchayat president for further maintenance on 3.10.07.



SUPPLY THROUGH PUBLIC FOUNTAIN

Now the women of Agara Alambadi Colony are getting regular supply of protected water without waiting for a long time. They can go to their agriculture labour works and earn their wages daily.

The panchayat president is now happy that water problems in his SC colony and near by BC area in higher elevation were solved and all are getting enough protected water.



COMPLETION STAGE - HANDING OVER OF SCHEME

The Panchayat President has also decided to give house service connections also.

This is the success story of Agara Alambadi Colony in Cuddalore District.