

**MINUTES OF THE 2ND TECHNICAL EXPERTS COMMITTEE MEETING HELD ON 04.07.2014
IN THE CHAMBERS OF CHIEF ENGINEER, RWS&S, HYDERABAD TO LOOK INTO
VARIOUS ASPECTS OF IMPLEMENTATION OF NTR SUJALA PATHAKAM IN RURAL
AREAS OF ANDHRA PRADESH**

Present:

1. Sri R.Kondala Rao, Engineer-in-Chief (Rtd), Panchayati Raj, Chairman, Technical Committee.
2. Sri K.Ravi Babu, Chief Engineer, RWS&S, Convener.
3. Sri Dr.P.Panduranga Rao, Engineer-in-Chief, PHED, AP, Hyderabad.
4. Sri Shaik Pentu Saheb, Chief Scientist & Head, NEERI, Hyderabad.
5. Smt. Manjari, Director, Institute of Preventive Medicine, AP, Hyderabad.
6. Project officer, UNICEF

Agenda:- Selection of cost effective treatment technology available for particular type of source and quality.

The committee members while discussing in detail about various water treatment mechanisms available, have arrived the following technologies based on the source type:

1. Surface water:

- i) Sand Filtration.
- ii) Ultra Filtration.
- iii) Micro Filtration.
- iv) Gravity Filtration.

2. Ground water:

a) With Chemical contamination:

- i) RO.
- ii) Electrolytic Defluoridation Plants.
- iii) Terafil technology.

b) Without Chemical contamination:

- i) Disinfection using Chlorination.
- ii) Disinfection using UV light.

It was further decided that, cost analysis of the following capacities of plants for the above treatment processes shall be worked out:

1. 50 LPH Gravity Filters for Thandas.
2. 250 LPH, 500 LPH, 1000 LPH MF/UF/RO/EDF/Terrafil plants.

It was also decided to obtain the source and quality details from all the Superintending Engineers, RWS&S of respective districts for characterization of the source.

Based on the above data, the committee will identify cost effective treatment mechanism and will also finalize the modalities for successful implementation of the programme.

Sd/- 05/07/2014

R. Kondala Rao,
Engineer-in-Chief (Rtd), PR,
Chairman, Technical Experts Committee

To

1. The Secretary to the Government, PR &RWS Departments, AP.
2. The Deputy Advisor (WQ), Ministry of Drinking Water & Sanitation, New Delhi.
3. The Engineer-in-Chief, I&CAD, AP, Hyderabad.
4. The Engineer-in-Chief, PHED, AP, Hyderabad.
5. The Chief Scientist & Head, NEERI, Hyderabad.
6. The Project officer, UNICEF, AP, Hyderabad.
7. The Director, Institute of Preventive Medicine, AP, Hyderabad.
8. PS to Hon'ble Minister for PR&RWS, NREGS, Andhra Pradesh.