

# GOVERNMENT OF ANDHRA PRADESH (PR) RURAL WATER SUPPLY DIVISION

## Water Quality Testing Laboratory

Opp. Mahalakshmi Hotel, RAJAHMUNDRY, E.G. Dist - 533 104.

### REPORT ON CHEMICAL ANALYSIS OF DRINKING WATER

Ph : 2442392

Name & Address of Sender : *RWS & S Department*  
*W.Q.M. Laboratory*  
Sample Collected by Sri *Rajamahendravaram* Date Collected ..... *20.01.2017* .....

Date Received ..... *20.01.2017* ..... Date reported ..... *21.01.2017* .....

Location : *In Village* Village : *Dalimudi* Mandal : *Seethanagar*

Source of Water : *Air Water*

### RESULTS

#### Maximum Permissible Level

Bacteriological (H <sub>2</sub> S) Strip test	: Change / No Change (Colour)
Colour	: <u>          -          </u> (25)
Turbidity (N.T.U's)	: <u>          0          </u> (25)
Odour	: <u>          -          </u> (Unobjectionable)
PH	: <u>          8.50          </u> (6.5 - 9.2)
Electrical Conductivity (Micro ohms/Cm at 25°C)	: <u>          44          </u>

#### The Following results expressed in milligrams per Litre :

Total Dissolved Solids	: <u>          28          </u> (1500)
Alkalinity Phenolphthalein	: <u>          0          </u> -----
(as CaCo <sub>3</sub> ) Methyls Orange	: <u>          12          </u> -----
Total hardness (as CaCo <sub>3</sub> )	: <u>          8          </u> (600)
Carbonate hardness (as CaCo <sub>3</sub> )	: <u>          8          </u> -----
Calcium (as Ca)	: <u>          3          </u> (200)
Chloride (as Cl)	: <u>          6          </u> (1000)
Fluoride (as F)	: <u>          0.0          </u> (1.5)
Nitrate (as No <sub>3</sub> )	: <u>          1          </u> (45)
Nitrites	: <u>          nil          </u> (Nil)
Sulphates (as So <sub>4</sub> )	: <u>          5          </u> (400)
Iron (as Fe)	: <u>          0.10          </u> (1.0)
Magnesium (as Mg)	: <u>          1          </u> (100)

Remarks : *Water sample tested is Chemically Satisfactory*

(Counter Signed) *T.V.Sel* 21/1/17  
Assistant Executive Engineer  
Projects RWS&S Sub-Division  
RAJAMAHENDRAVARAM.

*S. N. S. Reddy* 21/1/17  
Chemist / Microbiologist  
W.Q.T. Laboratory  
R.W.S. & S. Division  
RAJAHMUNDRY.