

**Government of Andhra Pradesh**  
**RURAL WATER SUPPLY & SANITATION DEPARTMENT**  
**Report on Chemical Analysis of Water (Drinking)**  
 General (Physico-chemical Parameters)

Name of the District : VIZIANAGARAM

Name of the Water Testing Laboratory : VIZIANAGARAM DISTRICT LEVEL LABORATORY

Received From : Global View School, Ramabhadrapuram

Date of Received :

| Sl. No.                         | Name of the Mandal      | Gram Panchayat | Source code / Location                                | Type of Source | Colour      | Turbidity | pH     | EC           | Total Dissolved Solids | Total Alkalinity $\text{CaCO}_3$ | Total Hardness as $\text{CaCO}_3$ | Calcium as $\text{Ca}^{++}$ | Magnesium as $\text{Mg}^{++}$ | Chloride as $\text{Cl}^-$ | Fluoride as $\text{F}^-$ | Nitrate as $\text{NO}_3^-$ | Sulfate as $\text{SO}_4^{--}$ | Iron as $\text{Fe}$ | Sodium as $\text{Na}^+$ | Potassium as $\text{K}^+$  |
|---------------------------------|-------------------------|----------------|-------------------------------------------------------|----------------|-------------|-----------|--------|--------------|------------------------|----------------------------------|-----------------------------------|-----------------------------|-------------------------------|---------------------------|--------------------------|----------------------------|-------------------------------|---------------------|-------------------------|----------------------------|
| S:10500-2012 Permissible limits |                         |                | Requirement (Acceptable limits)                       |                |             |           |        |              |                        |                                  |                                   |                             |                               |                           |                          |                            |                               |                     |                         |                            |
|                                 |                         |                | Permissible limits in the absence of alternate source |                |             |           |        |              |                        |                                  |                                   |                             |                               |                           |                          |                            |                               |                     |                         |                            |
| Units                           |                         |                |                                                       |                | Pt-Co units | Colour    | Colour | Micro Simens | mg./lit.               | mg./lit.                         | mg./lit.                          | mg./lit.                    | mg./lit.                      | mg./lit.                  | mg./lit.                 | mg./lit.                   | mg./lit.                      | mg./lit.            | mg./lit.                | mg./lit.                   |
| 1                               | Global View School, RAP |                |                                                       | BW             | -           | 0.2       | 7.49   | 1149         | 746                    | 536                              | 160                               | 37                          | 16                            | 88                        | 1.10                     | 29-12                      | 30.05                         | 0.15                | -                       | With in permissible limits |
| 2                               |                         |                |                                                       |                |             |           |        |              |                        |                                  |                                   |                             |                               |                           |                          |                            |                               |                     |                         |                            |
| 3                               |                         |                |                                                       |                |             |           |        |              |                        |                                  |                                   |                             |                               |                           |                          |                            |                               |                     |                         |                            |
| 4                               |                         |                |                                                       |                |             |           |        |              |                        |                                  |                                   |                             |                               |                           |                          |                            |                               |                     |                         |                            |
| 5                               |                         |                |                                                       |                |             |           |        |              |                        |                                  |                                   |                             |                               |                           |                          |                            |                               |                     |                         |                            |

Bacteriological Analysis :- Bacteriologically Negative

Signature of Lab. Chemist / Lab. Microbiologist  
S. V. N. Narasimhan  
 RWS & S. Vizianagaram