



# Solapur Municipal Corporation, Solapur

Public Health Engineer Department

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PHE/BHIMA - 1638

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## Water testing report of Soregaon WTP

| Sr.No | Test Parameter                         | Raw Water                           | Treated Water | BIS Specification 10500 : 2012 Normal values |                    |
|-------|--|-------------------------------------|---------------|--|--------------------|
|       |  |                                     |               | Desirable Limits                             | Permissible Limits |
| 1     | Physical appearance                    | Clear                               | Clear         |  |                    |
| 2     | Odour                                  | (Odourless)                         | (Odourless)   | Agreeable                                    | Agreeable          |
| 3     | Turbidity (as NTU)                     | 5.2                                 | 0.5           | 1.0  | 5.0                |
| 4     | pH Values                              | 7.62                                | 7.12          | 6.5 to 8.5                                   | No relaxation      |
| 5     | Chlorides (as Cl)                      | 104.95                              | 102.95        | 250  | 1000               |
| 6     | Ammonia                                | Absent                              | Absent        | 0.5  | No relaxation      |
| 7     | Total Hardness (as CaCO <sub>3</sub> ) | 190                                 | 180           | 200  | 600                |
| 8     | Alkalinity (as CaCO <sub>3</sub> )     | 200                                 | 190           | 200  | 600                |
| 9     | Total Dissolved Solids                 | 312                                 | 316           | 500  | 2000               |
| 10    | Residual chlorine                      | -                                   | 4.5           | --   | --                 |
| 11    | Dissolved oxygen                       | 2.1                                 | 6.7           | 6.5  | 8.0                |
| 12    | Bacterial count (MPN)                  | Samples taken & kept for incubation |               |  |                    |

R.S.A

Chemist  
Soregaon WTP