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२७४०३५०



जाक्र.साआअ/भीमा १६०७

Date : 14/8/24

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                    | Slightly turbid                      | Clean         |  |                    |
| 2     | Odour                                  | Odourless                            | Odourless     | Agreeable                                    | Agreeable          |
| 3     | Turbidity (as NTU)                     | 30.0                                 | 0.5           | 1.0  | 5.0                |
| 4     | pH Values                              | 7.52                                 | 7.26          | 6.5 to 8.5                                   | No relaxation      |
| 5     | Chlorides (as Cl)                      | 98.95                                | 96.95         | 250  | 1000               |
| 6     | Ammonia                                | Absent                               | Absent        | 0.5  | No relaxation      |
| 7     | Total Hardness (as CaCO <sub>3</sub> ) | 170                                  | 160           | 200  | 600                |
| 8     | Alkalinity (as CaCO <sub>3</sub> )     | 150                                  | 140           | 200  | 600                |
| 9     | Total Dissolved Solids                 | 340                                  | 346           | 500  | 2000               |
| 10    | Residual chlorine                      | —                                    | 4.5           | --   | --                 |
| 11    | Dissolved oxygen                       | 2.6                                  | 7.2           | 6.5  | 8.0                |
| 12    | Bacterial count (MPN)                  | Samples taken & kept for incubation? |               |  |                    |

R.S. /  
Chemist  
Soregaon WTP