



## Solapur Municipal Corporation, Solapur

Public Health Engineer Department

Indrabhuvan, Railway line, punyashlok appasalcb varad path, Solapur-413003

Email – [smcphewtr@gmail.com](mailto:smcphewtr@gmail.com)

Tel.no.0217-2740350

PHE/BHIMA- 1498

दि. 7 / 5 / 2024

### 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 greenish | Clear         |  |                    |
| 2     | Odour                                  | Odourless         | Odourless     | Agreeable                                    | Agreeable          |
| 3     | Turbidity (as NTU)                     | 3.0               | 0.7           | 1.0  | 5.0                |
| 4     | pH Values                              | 7.96              | 7.64          | 6.5 to 8.5                                   | No relaxation      |
| 5     | Chlorides (as Cl)                      | 129.95            | 129.95        | 250  | 1000               |
| 6     | Ammonia                                | Absent            | Absent        | 0.5  | No relaxation      |
| 7     | Total Hardness (as CaCO <sub>3</sub> ) | 250               | 240           | 200  | 600                |
| 8     | Alkalinity (as CaCO <sub>3</sub> )     | 220               | 210           | 200  | 600                |
| 9     | Total Dissolved Solids                 | 560               | 566           | 500  | 2000               |
| 10    | Residual chlorine                      | —                 | 4.5           | --   | --                 |
| 11    | Dissolved oxygen                       | 1.4               | 6.9           | 6.5  | 8.0                |
| 12    | Bacterial count (MPN)                  | —                 | —             |  |                    |

Chemist  
Soregaon WTP