



Solapur Municipal Corporation, Solapur

Public Health Engineer Department

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

Email – smcphewtr@gmail.com

Tel.no.0217-2740350

PHE/BHIMA- 1683

दि. 24/4/2024

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 | Clean | | |
| 2 | Odour | Odourless | Odourless | Agreeable | Agreeable |
| 3 | Turbidity (as NTU) | 2.6 | 0.5 | 1.0 | 5.0 |
| 4 | pH Values | 8.19 | 7.81 | 6.5 to 8.5 | No relaxation |
| 5 | Chlorides (as Cl) | 129.96 | 126.96 | 250 | 1000 |
| 6 | Ammonia | Absent | Absent | 0.5 | No relaxation |
| 7 | Total Hardness (as CaCO ₃) | 190 | 180 | 200 | 600 |
| 8 | Alkalinity (as CaCO ₃) | 170 | 165 | 200 | 600 |
| 9 | Total Dissolved Solids | 409 | 412 | 500 | 2000 |
| 10 | Residual chlorine | — | 4.5 | -- | -- |
| 11 | Dissolved oxygen | 1.6 | 6.6 | 6.5 | 8.0 |
| 12 | Bacterial count (MPN) | Sample incubated | Sample taken & kept for | | |

RSK
Chemist
Soregaon WTP