



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-1667

दि. 7/7/2024

Water testing report of Soregaon WTP

| Sr.No | Test Parameter | Raw Water | Treated Water | BIS Specification 10500 : 2012 Normal values | |
|-------|--|-------------------|---------------|--|--------------------|
| | | | | Desirable Limits | Permissible Limits |
| | | | 01 | | |
| 1 | Physical appearance | Slightly greenish | Clear | | |
| 2 | Odour | Odourless | Odourless | Agreeable | Agreeable |
| 3 | Turbidity (as NTU) | 1.9 | 0.5 | 1.0 | 5.0 |
| 4 | pH Values | 8.16 | 7.84 | 6.5 to 8.5 | No relaxation |
| 5 | Chlorides (as Cl) | 184.95 | 176.95 | 250 | 1000 |
| 6 | Ammonia | Absent | Absent | 0.5 | No relaxation |
| 7 | Total Hardness (as CaCO ₃) | 290 | 280 | 200 | 600 |
| 8 | Alkalinity (as CaCO ₃) | 260 | 250 | 200 | 600 |
| 9 | Total Dissolved Solids | 602 | 606 | 500 | 2000 |
| 10 | Residual chlorine | - | 4.5 | -- | -- |
| 11 | Dissolved oxygen | 1.9 | 6.7 | 6.5 | 8.0 |
| 12 | Bacterial count (MPN) | - | - | | |


Chemist
Soregaon WTP