



Solapur Municipal Corporation, Solapur

Public Health Engineer Department

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PHE/BHIMA-1515

दि. 21/5/2024

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) | 2.9 | 0.6 | 1.0 | 5.0 |
| 4 | pH Values | 8.16 | 7.72 | 6.5 to 8.5 | No relaxation |
| 5 | Chlorides (as Cl) | 149.95 | 144.95 | 250 | 1000 |
| 6 | Ammonia | Absent | Absent | 0.5 | No relaxation |
| 7 | Total Hardness (as CaCO ₃) | 270 | 260 | 200 | 600 |
| 8 | Alkalinity (as CaCO ₃) | 250 | 240 | 200 | 600 |
| 9 | Total Dissolved Solids | 540 | 546 | 500 | 2000 |
| 10 | Residual chlorine | — | 4.5 | -- | -- |
| 11 | Dissolved oxygen | 2.5 | 6.6 | 6.5 | 8.0 |
| 12 | Bacterial count (MPN) | — | — | | |

R-S

Chemist
Soregaon WTP