



Dt-08-02-2025

Solapur Municipal Corporation, Solapur
Public Health Engineer Department

Indrabhuvan Railway Line, Punyashlok Appaszheb varad Peth, Solapur-413003

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Water Testing Report Bhavani Peth WTP

| Sr.No. | Test Parameter | Raw Water | Treated Water | BIS Specification 10500:2012 Normal Values | |
|--------|--|----------------|---------------|--|--------------------|
| | | | | Desirable Limits | Permissible Limits |
| 1 | Physical appearance | slightly green | clean | | |
| 2 | Odour | odourless | odourless | Agreeable | Agreeable |
| 3 | Turbidity (as NTU). | 2.3 | 0.7 | 1.0 | 5.0 |
| 4 | pH Values | 7.02 | 7.04 | 6.5 to 8.5 | No relaxation |
| 5 | Chlorides (as Cl) | 114.48 | 112.42 | 250 | 1000 |
| 6 | Ammonia | Absent | Absent | 0.5 | No relaxation |
| 7 | Total hardness (as CaCO ₃) | 260 | 250 | 200 | 600 |
| 8 | Alkalinity (as CaCO ₃) | 90 | 85 | 200 | 600 |
| 9 | Total Dissolved solids | 278 | 282 | 500 | 2000 |
| 10 | Residual chlorine | - | 4.0 | - | - |
| 11 | Dissolved Oxygen | - | - | 6.5 | 8.0 |
| 12 | Electrical conductivity | - | - | - | - |
| 13 | Temperature | - | - | - | - |
| 14 | Bacterial count (MPN) | 16 | 0 | - | - |

S.D. Jadhav
Chemist
Bhavani Peth WTP