



Solapur Municipal Corporation, Solapur
Public Health Engineer Department

Date

6/2/25 Indrabhuvan, Railway line, Panyashlok Appasaheb Varad Path, Solapur-413003

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Water testing report of Pakani WTP

| Sr.No | Test Parameter | Raw Water | Treated Water | BIS Specification 10500 : 2012 Normal values | |
|-------|--|-----------|---------------|---|--------------------|
| | | | | Desirable Limits | Permissible Limits |
| 1 | Physical appearance | clear | clear | | |
| 2 | Odour | odourless | odourless | Agreeable | Agreeable |
| 3 | Turbidity (as NTU) | 2.8 | 0.3 | 1 | 5 |
| 4 | pH Values | 7.6 | 7.2 | 6.5 to 8.5 | No relaxation |
| 5 | Chlorides (as Cl) | 69.97 | 64.97 | 250 | 1000 |
| 6 | ammonia | 0.0 | 0.0 | 45 | No relaxation |
| 7 | Total Hardness (as CaCO ₃) | 170 | 160 | 200 | 600 |
| 8 | Alkalinity (as CaCO ₃) | 160 | 150 | 200 | 600 |
| 9 | Total Dissolved Solids | 254 | 259 | 500 | 2000 |
| 10 | Residual chlorine | - | 3 ppm | - | - |

Shinde

Chemist

Pakani WTP