



Solapur Municipal Corporation, Solapur

Public Health Engineer Department

Indrabhuyan, Railway line, punyashlok appasaheb yarad path Solapur-413003

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Dt 28/02/2024

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) | 1.6 | 0.3 | 1.0 | 5.0 |
| 4 | pH Values | 7.96 | 7.53 | 6.5 to 8.5 | No relaxation |
| 5 | Chlorides (as Cl) | 60 | 50 | 250 | 1000 |
| 6 | Ammonia | 0.0 | 0.0 | 0.5 | No relaxation |
| 7 | Total Hardness (as CaCO ₃) | 210 | 190 | 200 | 600 |
| 8 | Alkalinity (as CaCO ₃) | 170 | 160 | 200 | 600 |
| 9 | Total Dissolved Solids | 262 | 288 | 500 | 2000 |
| 10 | Residual chlorine | - | 4 ppm | | |


Chemist

Pakani WTP