



# Solapur Municipal Corporation, Solapur

Public Health Engineer Department

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


Email - [snphewtr@gmail.com](mailto:snphewtr@gmail.com)

Tel. no. 0217-2740350

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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                    | Suspended particles | Clear         |  |                    |
| 2     | Odour                                  | Odourless           | Odourless     | Agreeable                                    | Agreeable          |
| 3     | Turbidity (as NTU)                     | 1.6                 | 0.5           | 1.0  | 5.0                |
| 4     | pH Values                              | 7.7                 | 7.2           | 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 <sub>3</sub> ) | 170                 | 150           | 200  | 600                |
| 8     | Alkalinity (as CaCO <sub>3</sub> )     | 140                 | 120           | 200  | 600                |
| 9     | Total Dissolved Solids                 | 252                 | 252           | 500  | 2000               |
| 10    | Residual chlorine                      | —                   | 4 ppm         |  |                    |

  
Chemist

Pakani WTP