



# Solapur Municipal Corporation, Solapur

## Public Health Engineer Department

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

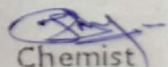
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Dt. 06/02/2023

### 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)                     | 2.2       | 0.3           | 1.0  | 5.0                |
| 4     | pH Values                              | 7.6       | 7.4           | 6.5 to 8.5                                   | No relaxation      |
| 5     | Chlorides (as Cl)                      | 80        | 70            | 250  | 1000               |
| 6     | Ammonia                                | 0.0       | 0.0           | 0.5  | No relaxation      |
| 7     | Total Hardness (as CaCO <sub>3</sub> ) | 180       | 160           | 200  | 600                |
| 8     | Alkalinity (as CaCO <sub>3</sub> )     | 140       | 120           | 200  | 600                |
| 9     | Total Dissolved Solids                 | 293       | 296           | 500  | 2000               |
| 10    | Residual chlorine                      | -         | 4.88mg        |  |                    |

  
Chemist

Pakani WTP