



Dt-09-11-2024

Solapur Municipal Corporation, Solapur  
Public Health Engineer Department

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

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Water Testing Report Dhavani Peth WTP

| Sr.No. | Test Parameter                         | Raw Water | Treated Water | BIS Specification 10500:2012 Normal Values |                    |
|--------|--|-----------|---------------|--|--------------------|
|        |  |           |               | Desirable Limits                           | Permissible Limits |
| 1      | Physical appearance                    | clean     | clean         |  |                    |
| 2      | Odour                                  | odourless | odourless     | Agreeable                                  | Agreeable          |
| 3      | Turbidity (as NTU)                     | 1.4       | 0.2           | 1.0  | 5.0                |
| 4      | pH Values                              | 7.02      | 7.08          | 6.5 to 8.5                                 | No relaxation      |
| 5      | Chlorides (as Cl)                      | 89.92     | 82.42         | 250  | 1000               |
| 6      | Ammonia                                | Absent    | Absent        | 0.5  | No relaxation      |
| 7      | Total hardness (as CaCO <sub>3</sub> ) | 240       | 230           | 200  | 600                |
| 8      | Alkalinity (as CaCO <sub>3</sub> )     | 90        | 80            | 200  | 600                |
| 9      | Total Dissolved solids                 | 271       | 275           | 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  
Dhavani Peth WTP