**Supplementary1: CSSD water quality report at Tata Medical Center, Kolkata**

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| **CSSD water** | **Chlorine Level (PPM)**  **Acceptable limit**  **(0.2-0.5 PPM)** | **TDS (PPM)** | **Total aerobic colony count per 100 ml after 48 hours incubation**  **(Max limit:**  **<2000 CFU/ 100 ml)** | **Nature of Colony** | **Pseudomonas**  **(Max limit:**  **0 CFU /100 ml)** | **Coliforms**  **(Max limit:**  **0 CFU /100 ml)** | **Remarks** |
| Double Reverse osmosis filtration | 0.35 | 0 | 1CFU | Gram-positive cocci colonies are found. | Not Found | Not Found | Satisfactory |
| Single Reverse osmosis filtration | 0.37 | 17 | 1CFU | Gram-positive cocci colonies are found. | Not Found | Not Found | Satisfactory |
| Negative Control | -- | -- | 0 CFU | -- | Not Found | Not Found | Satisfactory |