



## Daily Water Quality Report of Laboratory

**Weather: Hazy Sunshine**

| Sl No   | Test Item              | Unit  | Frequency   | Detection limit (ECR-1997) | Instrument / Method           | River Water            | IPR Water              | Raw water               | Post-sedimentation / Pre-filters Water | Post-filters / Pre-Treated Water | Post-Treated Water      |   |
|---------|------------------------|-------|-------------|----------------------------|-------------------------------|------------------------|------------------------|-------------------------|----------------------------------------|----------------------------------|-------------------------|---|
|         |                        |       |             |                            |                               | Sampling Time: 8:50 AM | Sampling Time: 9:20 AM | Sampling Time: 10:00 AM | Sampling Time: 10:30 AM                | Sampling Time: 10:48 AM          | Sampling Time: 11:00 AM |   |
| 1       | Temperature            | ℃     | day         | 20-30                      | Portable analyser-ST300       |                        |                        | 29.3                    | 28.8                                   | 28.8                             | 29.2                    |   |
| 2       | pH                     |       | day         | 6.5-8.5                    |                               |                        |                        | 8.09                    | 7.5                                    | 7.64                             | 7.9                     |   |
| 3       | Turbidity              | NTU   | day         | <1 NTU                     | WTW PhotoFlex Turb            | 39.2                   | 11.7                   | 11                      | 1.75                                   | 0.37                             | 0.32                    |   |
| 4       | Color                  | pt-co | day         | 15                         | Portable analyser-AQ3700      |                        |                        | 36                      | 0                                      | 0                                | 0                       |   |
| 5       | Suspended Solid        | mg/L  | day         | ...                        |                               |                        |                        | 18                      | 5                                      | 5                                | 0                       | 0 |
| 6       | Taste and Odour        |       | day         | Odorless                   | Manual                        |                        |                        | Dirty Smell             | No Objectionable                       | No Objectionable                 | No Objectionable        |   |
| 7       | Total Dissolved Solids | ppm   | Once a week | 1000                       | Portable analyser-A222 & A322 |                        |                        |                         |                                        |                                  |                         |   |
| 8       | Salinity               | PSU   | Once a week | ...                        |                               |                        |                        |                         |                                        |                                  |                         |   |
| 9       | Conductivity           | μS/cm | Once a week | ...                        |                               |                        |                        |                         |                                        |                                  |                         |   |
| 10      | Resistivity            | Ω-cm  | Once a week | ...                        |                               |                        |                        |                         |                                        |                                  |                         |   |
| 11      | Chloride               | ppm   | day         | 150-600                    |                               |                        |                        |                         |                                        |                                  |                         |   |
| Remark: |                        |       |             |                            |                               |                        |                        |                         |                                        |                                  |                         |   |