



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 26-04-2022

Test No: 1022

Weather: Sunny

| 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: 8:58 AM | Sampling Time: 9:10 AM | Sampling Time: 9:20 AM | Sampling Time: 10:10 AM | Sampling Time: 10:20 AM | Sampling Time: 10:30 AM | |
| 1 | Temperature | °C | day | 20-30 | Portable analyser-ST300 | | | 29.7 | 29.5 | 29.4 | 29.4 | |
| 2 | pH | | day | 6.5-8.5 | | | | 7.82 | 7.33 | 7.48 | 7.74 | |
| 3 | Turbidity | NTU | day | <1 NTU | WTW PhotoFlex Turb | 121 | 13.3 | 13.2 | 2.77 | 0.16 | 0.08 | |
| 4 | Color | pt-co | day | 15 | Portable analyser-AQ3700 | | | 38 | 0 | 0 | 0 | |
| 5 | Suspended Solid | mg/L | day | ... | | | | 68 | 4 | 4 | 0 | 0 |
| 6 | Taste and Odour | | day | Odorless | Manual | | | Dirty Smell | No Objectionable | No Objectionable | No Objectionable | |
| 7 | Nitrogen-Ammoniacal | mg/L | Once a week | 0.5 | DR3900 | | | | | | | 0.001 |
| 8 | Silica | mg/L | Once a week | ... | | | | | | | | 37.1 |
| 9 | Chloride | ppm | day | 150-600 | Mercuric Nitrate Titration | 50 | 50 | | | | | |
| Remark: | | | | | | | | | | | | |