



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 25-03-2022

Test No: 990

Weather: Sunny

| SI 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: 7:50 AM | Sampling Time: 9:30 AM | Sampling Time: 10:10 AM | Sampling Time: 10:30 AM | Sampling Time: 10:48 AM | Sampling Time: 11:00 AM |
| 1 | Temperature | °C | day | 20-30 | Portable analyser-ST300 | | | 28.3 | 28 | 27.9 | 27.9 |
| 2 | pH | | day | 6.5-8.5 | | | | 8.02 | 7.27 | 7.39 | 7.43 |
| 3 | Turbidity | NTU | day | <1 NTU | WTW PhotoFlex Turb | 92 | 12.4 | 12.2 | 1.32 | 0.36 | 0.24 |
| 4 | Color | pt-co | day | 15 | Portable analyser-AQ3700 | | | 40 | 0 | 0 | 0 |
| 5 | Suspended Solid | mg/L | day | ... | | | | 52 | 4 | 4 | 0 |
| 6 | Taste and Odour | | day | Odorless | Manual | | | Dirty Smell | No Objectionable | No Objectionable | No Objectionable |
| 7 | Sulphate | mg/L | Once a week | 400 | DR 3900 | | | | | | |
| 8 | Chloride | ppm | day | 150-600 | Mercuric Nitrate Titration | 40 | 40 | | | | |
| Remark: | | | | | | | | | | | |