



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-12-2022

Test No: 1260

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: 9:45 AM | Sampling Time: 10:00 AM | Sampling Time: 10:30 AM | Sampling Time: 11:15 AM | Sampling Time: 11:30 AM | Sampling Time: 11:38 AM |
| 1 | Temperature | °C | day | 20-30 | Portable analyser-ST300 | | | 23.9 | 23.6 | 23.4 | 24.1 |
| 2 | pH | | day | 6.5-8.5 | | | | 8.16 | 7.87 | 7.85 | 7.89 |
| 3 | Turbidity | NTU | day | <1 NTU | WTW PhotoFlex Turb | 55.1 | 17 | 16.4 | 1.82 | 0.49 | 0.3 |
| 4 | Color | pt-co | day | 15 | Portable analyser-AQ3700 | | | 84 | 28 | 15 | 12 |
| 5 | Suspended Solid | mg/L | day | ... | | | | 49 | 15 | 15 | 1 |
| 6 | Taste and Odour | | day | Odorless | Manual | | | Dirty Smell | Dirty Smell | No Objectionable | No Objectionable |
| 7 | Nitrogen-Ammoniacal | mg/L | Once a week | 0.5 | Salicylate Method | | | | | | |
| 8 | Chloride | ppm | day | 150-600 | Mercuric Nitrate Titration | 20 | 20 | | | | |
| Remark: | | | | | | | | | | | |