



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 28-03-2023

Test No: 1358

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: 08:55 AM | Sampling Time: 09:00 | Sampling Time: 09:48 AM | Sampling Time: 10:15 AM | Sampling Time: 10:30 AM | Sampling Time: 10:40 AM |
| 1 | Temperature | °C | day | 20-30 | Portable analyser-ST300 | | | 27.5 | 27.2 | 26.7 | 27.2 |
| 2 | pH | | day | 6.5-8.5 | | | | 7.98 | 7.45 | 7.49 | 7.58 |
| 3 | Turbidity | NTU | day | <1 NTU | WTW PhotoFlex Turb | 62.7 | 12.1 | 11.9 | 1.79 | 0.38 | 0.33 |
| 4 | Color | pt-co | day | 15 | Portable analyser-AQ3700 | | | 65 | 8 | 0 | 0 |
| 5 | Suspended Solid | mg/L | day | ... | | | | 66 | 9 | 9 | 0 |
| 6 | Taste and Odour | | day | Odorless | Manual | | | Dirty Smell | No Objectionable | No Objectionable | No Objectionable |
| 7 | Chloride | ppm | day | 150-600 | Mercuric Nitrate Titration | | | 300 | 100 | | |
| Remark: | | | | | | | | | | | |