



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 08-06-2022

Test No: 1065

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: 9:09 AM | Sampling Time: 9:30 AM | Sampling Time: 9:55 AM | Sampling Time: 11:18 AM | Sampling Time: 11:28 AM | Sampling Time: 11:38 AM | |
| 1 | Temperature | °C | day | 20-30 | Portable analyser-ST300 | | | 28.7 | 29.2 | 29.1 | 29.1 | |
| 2 | pH | | day | 6.5-8.5 | | | | 7.27 | 6.95 | 6.98 | 7.09 | |
| 3 | Turbidity | NTU | day | <1 NTU | WTW PhotoFlex Turb | 80.2 | 25.9 | 25.8 | 4.29 | 0.92 | 0.49 | |
| 4 | Color | pt-co | day | 15 | Portable analyser-AQ3700 | | | 99 | 17 | 0 | 0 | |
| 5 | Suspended Solid | mg/L | day | ... | | | | 81 | 11 | 11 | 0 | 0 |
| 6 | Taste and Odour | | day | Odorless | Manual | | | Dirty Smell | No Objectionable | No Objectionable | No Objectionable | |
| 7 | Calcium | mg/L | Once a week | 75 | EDTA Titration | | | | | | | |
| 8 | ORP | mv | Once a week | ... | WTW PH ION 3310 | | | | | | | |
| 9 | Chloride | ppm | day | 150-600 | Mercuric Nitrate Titration | 40 | 40 | | | | | |
| Remark: | | | | | | | | | | | | |