



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 03-06-2024

Test No: 1791

Weather: Cloudy

Sl No.	Water Quality Parameters	Units	Frequency	BDS for Drinking Water (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: 10:10 AM	Sampling Time: 10:30 AM	Sampling Time: 10:55 AM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM	Sampling Time: 12:20 PM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			29.2	29	28.7	29.5
2	pH		day	6.5-8.5				8.3	8	8.1	8
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	49.3	37.3	37.1	1.98	0.98	0.34
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			163	31	14	10
5	Suspended Solid	mg/L	day	...				39	23	23	3
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable
7	Total Iron	mg/L	Once a week	0.3-1.0	USEPA 1 FerroVer Method						
8	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method I						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	320	450				
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	613.2	803				
Remark:											