



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 01-07-2024

Test No: 1818

Weather: Rain

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: 10:00 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			26.4	25.2	25.5	26.2		
2	pH		day	6.5-8.5				7.8	7.5	7.6	7.7		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	210	42.1	38.4	1.98	0.92	0.6		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			212	47	17	15		
5	Suspended Solid	mg/L	day	...				183	34	34	2	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Total Aluminium	mg/L	Once a week	0.2	Eriochrome Cyanine R Method1						0.021		
8	Total Manganese	mg/L	Once a week	0.1	1-(2-Pyridylazo)-2-Naphthol PAN						0.016		
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						30	140	140
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						88.73	254.4	269.6
Remark:													