



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 22-06-2024

Test No: 1809

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: 10:42 AM	Sampling Time: 08:45 AM	Sampling Time: 08:58 AM	Sampling Time: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 10:30 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.6	28.6	29.1	28.9
2	pH		day	6.5-8.5				8.4	7.9	8	8.1
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	167	33.4	33.1	1.9	0.46	0.3
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			175	24	8	4
5	Suspended Solid	mg/L	day	...				149	25	25	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric						
8	Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1						
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	200				
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	94.24	425				
Remark:											