



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 17-08-2024

Test No: 1865

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: 10:50 AM	Sampling Time: 11:00 AM	Sampling Time: 11:10 AM	Sampling Time: 11:50 AM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM	
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.7	28.1	28.2	27.6	
2	pH		day	6.5-8.5				8.1	7.9	7.8	7.8	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	531	72.1	71.7	1.98	0.37	0.2	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			418	51	15	9	
5	Suspended Solid	mg/L	day	...				501	67	67	3	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable	
7	Oxygen -Dissolved	mg/L	Once a week	6	OHAUS ST-300D/ Electrometric							
8	Nitrate	mg/L	Once a week	10	Cadmium Reduction Method							
9	Nitrite	mg/L	Once a week	<1	USEPA Diazotization Method1							
10	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30					
11	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	124.3	119.9					122.5
Remark:												