



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 10-08-2024

Test No: 1858

Weather: Partly Sunny

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: 11:07 AM	Sampling Time: 10:10 AM	Sampling Time: 10:30 AM	Sampling Time: 11:12 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			27.4	27.6	26.9	26.6
2	pH		day	6.5-8.5				7.9	7.6	7.7	7.7
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	275	53.3	52.7	1.84	0.48	0.31
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			300	29	14	14
5	Suspended Solid	mg/L	day	...				236	46	46	1
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	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	40				
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	117.1	118.9				
Remark:											