



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 26-05-2024

Test No: 1783

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: 07:45 AM	Sampling Time: 10:10 AM	Sampling Time: 10:30 AM	Sampling Time: 10:48 AM	Sampling Time: 11:00 AM	Sampling Time: 11:07 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.5	28.7	29.6	29.4		
2	pH		day	6.5-8.5				8.6	8.1	8	7.9		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	85.2	26.7	23.5	1.79	0.48	0.19		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			128	24	7	3		
5	Suspended Solid	mg/L	day	...				80	20	20	2	1	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	Dirty Smell	No Objectionable	No Objectionable		
7	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric						188		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						780	480	480
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						1380	755.9	790.6
Remark:													