



# Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

## Daily Water Quality Report of Laboratory

Date of Testing: 12-12-2023

Test No: 1617

Weather: 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: 12:10 PM	Sampling Time: 10:00 AM	Sampling Time: 10:10 AM	Sampling Time: 11:35 AM	Sampling Time: 11:45 AM	Sampling Time: 11:55 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25	25.4	25.2	25.1
2	pH		day	6.5-8.5				7.99	7.78	7.67	7.66
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	43.8	10.2	9.97	1.87	0.28	0.26
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			67	29	8	6
5	Suspended Solid	mg/L	day	...				42	7	7	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Chloride	ppm	day	150-600	Mercuric Nitrate Titration			30	30		
8	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	193.5	165.7				
Remark:											