



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 28-10-2023

Test No: 1572

Weather: Hazy Sunshine

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: 12:41 PM	Sampling Time: 10:40 AM	Sampling Time: 10:50 AM	Sampling Time: 12:10 PM	Sampling Time: 12:20 PM	Sampling Time: 12:30 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			30.6	30.3	30.1	29.9
2	pH		day	6.5-8.5				8.1	7.97	7.82	7.78
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	77.4	10.4	9.93	1.88	0.51	0.29
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			60	22	4	2
5	Suspended Solid	mg/L	day	...				82	8	6	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	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	125.6	122.8				124.2
Remark:											