



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 29-10-2023

Test No: 1573

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: 10:30 AM	Sampling Time: 10:40 AM	Sampling Time: 10:48 AM	Sampling Time: 11:15 AM	Sampling Time: 11:25 AM	Sampling Time: 11:35 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			29.9	30	30.1	29.8
2	pH		day	6.5-8.5				8.09	7.92	7.81	7.77
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	60.9	8.92	8.51	1.59	0.33	0.29
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			57	23	9	5
5	Suspended Solid	mg/L	day	...				61	8	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	126.5	121.3				
Remark:											