



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 12-11-2023

Test No: 1587

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: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 11:00 AM	Sampling Time: 11:35 AM	Sampling Time: 11:50 AM	Sampling Time: 12:03 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			29.8	29.5	29.2	29.3
2	pH		day	6.5-8.5				8.08	7.9	7.8	7.72
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	62.7	9.59	9	1.72	0.58	0.15
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			49	25	9	9
5	Suspended Solid	mg/L	day	...				62	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	150.6	133.5	40	134.6		
Remark:											