



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 24-11-2023

Test No: 1599

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: 07:50 AM	Sampling Time: 07:20 AM	Sampling Time: 07:25 AM	Sampling Time: 07:38 AM	Sampling Time: 07:42 AM	Sampling Time: 07:45 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25.6	25.8	25.7	25.9
2	pH		day	6.5-8.5				8.1	7.88	7.77	7.69
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	50.2	12.9	12.8	1.79	0.62	0.34
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			84	25	14	12
5	Suspended Solid	mg/L	day	...				48	10	10	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	162.9	141.4	40	141.7		
Remark:											