



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 23-01-2024

Test No: 1659

Weather: Partly 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: 10:20 AM	Sampling Time: 09:40 AM	Sampling Time: 10:25 AM	Sampling Time: 10:55 AM	Sampling Time: 11:10 AM	Sampling Time: 11:24 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			19.7	19.8	20	19.9
2	pH		day	6.5-8.5				8.07	7.81	7.68	7.59
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	76.3	14.8	14.6	1.6	0.55	0.24
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			72	24	14	9
5	Suspended Solid	mg/L	day	...				61	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	184.7	177.9				
Remark:											