



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 07-02-2024

Test No: 1674

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: 09:50 AM	Sampling Time: 10:10 AM	Sampling Time: 10:48 AM	Sampling Time: 11:15 AM	Sampling Time: 11:30 AM	Sampling Time: 11:37 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25.2	25.3	24.9	25.1		
2	pH		day	6.5-8.5				8.14	7.99	7.93	7.81		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	37.5	10.7	10.4	1.87	0.48	0.22		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			68	21	11	7		
5	Suspended Solid	mg/L	day	...				29	7	7	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	ORP	mv	Once a week	...	WTW pH/ ION 3310								170.9
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	202.7	182.7						184.3
Remark:													