



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 27-02-2024

Test No: 1694

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: 10:20 AM	Sampling Time: 10:30 AM	Sampling Time: 10:55 AM	Sampling Time: 11:30 AM	Sampling Time: 11:48 AM	Sampling Time: 11:50 AM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			23.3	23.2	23.4	23.2
2	pH		day	6.5-8.5				8.15	7.96	7.84	7.72
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	65.1	10.4	10.2	1.54	0.15	0.09
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			47	17	7	2
5	Suspended Solid	mg/L	day	...				57	7	7	1
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable
7	Total coliforms	CFU/1 ml	Once a week	0	MC-Media Pad/ Convenient Culture Media						
8	E. Coliforms	CFU/1 ml	Once a week	0		0					
9	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40				40
10	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	213	200.9				202.1

Remark: