



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 21-03-2024

Test No: 1717

Weather: Cloudy

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: 10:30 AM	Sampling Time: 10:55 AM	Sampling Time: 11:28 AM	Sampling Time: 11:40 AM	Sampling Time: 11:45 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25.7	25.5	25.2	25.3	
2	pH		day	6.5-8.5				8.22	8.09	7.85	7.71	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	37.2	21	20.3	1.22	0.37	0.19	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			132	17	11	3	
5	Suspended Solid	mg/L	day	...				39	21	21	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable	
7	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	374.4	302.2					
8	Salinity	PSU	Once a week	...								294.1
9	Conductivity	µS/cm	Once a week	...								0.341
10	Resistivity	Ω-cm	Once a week	...								599.3
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	140					100
Remark:												