



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 22-02-2024

Test No: 1689

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: 10:36 AM	Sampling Time: 10:45 AM	Sampling Time: 10:55 AM	Sampling Time: 11:12 AM	Sampling Time: 11:24 AM	Sampling Time: 11:30 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			24.9	25	24.5	24.3	
2	pH		day	6.5-8.5				8.12	7.98	7.87	7.72	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	74.4	12.1	12	1.33	0.3	0.1	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			60	25	0	0	
5	Suspended Solid	mg/L	day	...				70	10	10	1	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	211	197.4					
8	Salinity	PSU	Once a week	...								198.5
9	Conductivity	µS/cm	Once a week	...								0.245
10	Resistivity	Ω-cm	Once a week	...								404.1
11	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	40	40					

Remark: