



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 25-01-2024

Test No: 1661

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: 10:10 AM	Sampling Time: 10:20 AM	Sampling Time: 10:35 AM	Sampling Time: 11:00 AM	Sampling Time: 11:15 AM	Sampling Time: 11:28 AM	
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			20.9	21.3	21	21.1	
2	pH		day	6.5-8.5				8.05	7.99	7.92	7.77	
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	51.9	14.2	14.1	1.56	0.25	0.05	
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			63	25	4	0	
5	Suspended Solid	mg/L	day	...				49	8	8	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	183.5	178.9					
8	Salinity	PSU	Once a week	...								182.8
9	Conductivity	µS/cm	Once a week	...								0.228
10	Resistivity	Ω-cm	Once a week	...								372
11	Chloride	ppm	day	150-600		Mercuric Nitrate Titration	30					30
Remark:												