



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 16-06-2024

Test No: 1804

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: 07:28 AM	Sampling Time: 09:20 AM	Sampling Time: 09:30 AM	Sampling Time: 10:57 AM	Sampling Time: 11:08 AM	Sampling Time: 11:14 AM		
1	Temperature	°C	day	20-30	HI-98107/ Electrometric			28.5	28.9	29	28.6		
2	pH		day	6.5-8.5				8.4	8	8	8.1		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	105	36.7	36.1	1.68	0.36	0.15		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			176	22	7	0		
5	Suspended Solid	mg/L	day	...				78	28	28	1	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Hardness	mg/L	Once a week	200-500	Orion AQ3700 /Photometric						210		
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration						40	310	320
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322						150.8	503.7	536.3
Remark:													