



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 22-03-2024

Test No: 1718

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: 10:35 AM	Sampling Time: 10:45 AM	Sampling Time: 11:20 AM	Sampling Time: 11:35 AM	Sampling Time: 11:51 AM	Sampling Time: 12:00 PM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25.3	25.2	25	24.5		
2	pH		day	6.5-8.5				7.98	7.88	7.65	7.55		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	27.1	16.9	16.2	1.85	0.45	0.2		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			119	23	7	7		
5	Suspended Solid	mg/L	day	...				25	21	21	4	0	0
6	Taste and Odour		day	Odorless	Manual			Dirty Smell	No Objectionable	No Objectionable	No Objectionable		
7	Total residual chlorine	mg/L	Twice a week	0.2-0.4	USEPA DPD Method1								0.15
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	130	110						110
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	372.2	306.5						301.7
Remark:													