



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 11-12-2023

Test No: 1616

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: 11:38 AM	Sampling Time: 09:50 AM	Sampling Time: 10:00 AM	Sampling Time: 11:08 AM	Sampling Time: 11:15 AM	Sampling Time: 11:22 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25.3	25.8	25.4	25.7		
2	pH		day	6.5-8.5				8.03	7.79	7.69	7.66		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	47.5	10.8	10.7	1.79	0.42	0.3		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			63	26	10	6		
5	Suspended Solid	mg/L	day	...				47	7	7	1	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 Method I								0.35
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	188.8	164						163.7
Remark:													