



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 25-12-2023

Test No: 1630

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: 10:05 AM	Sampling Time: 10:17 AM	Sampling Time: 10:35 AM	Sampling Time: 11:05 AM	Sampling Time: 11:20 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			22.5	22.3	22.9	22.2		
2	pH		day	6.5-8.5				8.15	7.98	7.89	7.78		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	37.5	18.44	17.87	1.3	0.9	0.21		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			52	16	6	2		
5	Suspended Solid	mg/L	day	...				37	16	16	0	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								0.32
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						30
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	196.6	184						184.1

Remark: