



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 15-12-2023

Test No: 1620

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: 01:35 PM	Sampling Time: 12:00 PM	Sampling Time: 12:10 PM	Sampling Time: 01:05 PM	Sampling Time: 01:13 PM	Sampling Time: 01:20 PM
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			25.7	26.1	25.8	25.6
2	pH		day	6.5-8.5				8.08	7.86	7.79	7.72
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	44.6	12.8	12.4	1.72	0.29	0.14
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			74	28	15	13
5	Suspended Solid	mg/L	day	...				41	10	10	1
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						
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30				
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	216.1	174.2			173	

Remark: