



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 20-11-2023

Test No: 1595

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: 10:38 AM	Sampling Time: 10:50 AM	Sampling Time: 10:55 AM	Sampling Time: 11:10 AM	Sampling Time: 11:22 AM	Sampling Time: 11:30 AM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			29.6	25.5	28.2	27.2		
2	pH		day	6.5-8.5				8.2	8.05	7.9	7.88		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	95.3	10.9	9.54	1.84	0.42	0.11		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			84	16	4	5		
5	Suspended Solid	mg/L	day	...				98	10	10	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								0.27
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	147.8	135.4						137.9
Remark:													