



Bangabandhu Water Treatment Plant

Khulna WASA, Pathorghata, Rupsha, Khulna-9240

Daily Water Quality Report of Laboratory

Date of Testing: 06-11-2023

Test No: 1581

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: 10:30 AM	Sampling Time: 10:45 AM	Sampling Time: 11:40 AM	Sampling Time: 12:10 PM	Sampling Time: 12:22 PM	Sampling Time: 12:35 PM		
1	Temperature	°C	day	20-30	OHAUS-ST300/ Electrometric			30.2	30.5	29.5	29.9		
2	pH		day	6.5-8.5				8.12	8.05	7.98	7.88		
3	Turbidity	NTU	day	<1 NTU	WTW PhotoFlex Turb	30	9.5	9.3	1.78	0.87	0.16		
4	Color	pt-co	day	15	Orion AQ3700/ Photometric			62	19	16	5		
5	Suspended Solid	mg/L	day	...				26	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								0.28
8	Chloride	ppm	day	150-600	Mercuric Nitrate Titration	30	30						40
9	Total Dissolved Solids	ppm	day	1000	Orion Star™ A222 & A322	134.2	126.6						127.5
Remark:													